



UniversitätsKlinikum Heidelberg



Baseline Survey Report

Impact Evaluation for Health Performance-Based Financing in Burkina Faso

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Abbreviations & Acronyms

AIS	Agents Itinérants de Santé
ANC	AnteNatal Care
BCG	Bacille Calmette Guérin (Vaccine against tuberculosis)
C-section	Caesarean section
CBHI	Community-Based health Insurance (AMBC)
CHR	Centre Hospitalier Régional (Regional Hospital)
CHW	Community Health Worker
CM	Centre Médical (Medical Center)
CMA	Centre Médical avec Antenne Chirurgicale (District Hospital)
CNSS	Caisse Nationale de Sécurité Sociale (National Social Security)
C.I.	Confidence Interval
CRT	Cluster Randomized Trial
CSPS	Centre de Santé et de Promotion Sociale (Primary Health Care Facility)
DHS	Demographic Health Survey
DRC	Democratic Republic of Congo
DRS	Direction Régionale de la Santé (Regional Health Direction)
ECD	Equipe Cadre du District (District Management Team)
EmOC	Emergency Obstetric Care
FCFA	Franc Communauté Financière Africaine
FP	Family Planning
GPS	Global Positioning System
HAZ	Height Age z-score
HepB	Hepatitis B vaccine
HiB	Haemophilus B Vaccine
HIV	Human Immunodeficiency Virus
HRITF	Evaluation of the health Results Innovation Trust Fund
IE	Impact Evaluation
IMCI	Integrated Management of Childhood Illnesses
IMS	Institut Médico-Scolaire
INSD	Institut National de la Statistique et de la Démographie
IPT	Intermittent preventive treatment
ITN	Insecticide Treated Nets
IUD	Intra Uterine Device
MDES	Minimum Detectable Effect Size
MDG	Millennium Development Goals
MNCH	Maternal, Newborn, and Child Health
MNH	Maternal and neonatal health

MoH	Ministry of Health
n/a	Not applicable
NGO	Non Governmental Organization
NHA	National Health Accounts
OPV	Oral Polio Vaccine
ORS	Oral Rehydration Solution
PADS	Programme d'Appui au Développement Sanitaire
PBF	Performance-Based Financing (RBF)
PCA	Principal Component Analysis
PDA	Personal Digital Assistant
PHBS	Package of Basic Health Care
PMTCT	Prevention of Mother to Child Transmission
PNC	Postnatal Care
PNDS	National Strategic Plan - Burkina Faso
RDT	Rapid Diagnostic Test
SBA	Skilled Birth Attendant
SD	Standard deviation
SNAM	National Health Insurance System (CNSS)
SSA	Sub-Saharan Africa
Std. Err	Standard Error
TT2	Tetanus toxoid 2
U5YO	Under 5 year old
UNDP	United Nations Development Programme
UNFPA	United Nations Fund for Population Activities
UNICEF	United Nations Emergency Children's fund
USAIDS	United States Agency for International Development
USD	United States Dollars
WHO	World Health Organization
WHZ	Weight for Height Z-score
WP	Work Package

Executive Summary

The baseline survey on Impact Evaluation (IE) for Health Performance-Based Financing (PBF) in Burkina Faso was conducted in six regions of Burkina Faso from October 2013 to March 2014. The institutions in charge of the IE are the Institute of Public Health of the University of Heidelberg, the Centre Hospitalier de l'Université de Montréal, the Centre Muraz in Bobo Dioulasso, the World Bank Ouagadougou and the Evaluation of the Health Results Innovation Funds (HRITF), the Programme d'Appui au Développement Sanitaire (PADS) of the MoH of Burkina Faso.

Previous studies have shown that Burkina Faso has a large variation in health care service delivery, quality of care and utilization of obstetric and neonatal care services. Differences in health care coverage and outcomes between different socio-economic groups were observed to be particularly strong for Maternal, Newborn and Child Health (MNCH) indicators in the country. Progress has been made in recent years on these indicators, but inequalities and low accessibility of services still exist, particularly for lower income groups. PBF interventions, which link health care provider payment mechanisms to certain defined outcomes, have been perceived by many actors as a potential instrument to improve quality of care and access to health care. The current World Bank operation in Burkina Faso (see section 1) is part of the HRITF program implemented in many countries worldwide. After a pre-pilot in three districts, the pilot phase extended coverage of existing PBF interventions to twelve additional districts in six regions, with the aim of improving utilization and quality of MNCH. Additionally, the World Bank PBF interventions in Burkina Faso included demand side interventions: targeting of subsidizations for indigents and Community-Based Health Insurance (CBHI).

The main objective of the study is to evaluate the impact of the PBF intervention on quality of care and health care utilization for MNCH services, while the baseline survey provides the empirical foundation for the assessment of impacts on a large variety of indicators. This study focuses on equity outcomes of PBF measures, testing whether PBF, in combination with demand-side interventions (i.e. targeting of the poor, and CBHI), may additionally improve poor access to health care services. This objective addresses the widely discussed question of PBF as an equitable health financing measure. Therefore, the primary research questions address the sole impact of PBF interventions on utilization and quality of MNCH services, and whether PBF alone improves access for vulnerable populations. Furthermore, the research questions aim to evaluate the combined impact of PBF with either systematic targeting of the poor or with CBHI; with the final aim to assess which combination of interventions provides the most value for the money, regarding the main aspects of quality of care, health care utilization, equitable access and, ultimately, health outcomes.

The study was a blocked-by-region Cluster Randomized Trial (CRT) that applied a pre-post comparison design (see section 2). This design allows for the evaluation of the impact of different interventions in the different regions using the difference-in-differences approach. In total, there were four intervention arms (T1-T4) and a control (C) without intervention. The intervention arm T1 includes traditional PBF measures, while arm T2 includes PBF with systematic targeting and subsidization of the poor. Furthermore, T3 includes the interventions from T2 with the addition of health care provider motivation measures in favor of targeted households. T4, on the other hand, includes PBF and CBHI (including targeting of the poor). The regions differed in terms of the interventions. In each region, two intervention districts and two control districts were selected. While the health care facilities in the intervention districts in the Centre-Nord, Nord, Sud-Ouest and Centre-Est regions were randomized to the intervention arms T1, T2, and T3, the facilities in intervention districts in Boucle du Mouhoun were randomized to T1 and T4. Region Centre-Ouest differed in this regard in that it only included the intervention arm T1. The primary health care facilities in the sampled regions had been randomly assigned to the different intervention arms in a public procedure. All secondary level health care facilities were not randomized and were put automatically in the intervention arm T2.

Data collection for the baseline survey included a household survey and a facility based survey. The household survey applied a two-stage sampling procedure (15 households per selected village). The research tool was administered to the head of household and women ages 15-49 years. The facility-based survey comprised different tools for data collection with different data sources and respondents: Health facility records, providers' questionnaire, direct observations (curative consultations of under-5 and antenatal consultations), exit interviews (curative consultations and antenatal consultations), Community Health Workers (CHW) (questionnaire).

All analyses in section 3 Findings of the Baseline Survey and Annex I-IV are based on a successful sample of 448 health care facilities in 20 districts of the five regions, while 10 out of the 20 districts served as control and the other 10 districts received treatment. The sub-study on CHW comprises data on 1,102 individuals. The household survey includes information on 6,224 households in the five regions. The entirely non-randomized region Centre-Ouest, as well as non-randomized facilities and their catchment areas in the region Boucle du Mouhoun, were excluded from data analysis of the baseline study. Hence, the data provided in the report is comprised of analyses for five regions altogether (excluding Centre-Ouest). Due to different types of interventions, analyses for Boucle du Mouhoun were also done separately from the four other regions.

The sub-studies and data analyses have been broken down into eight thematic Work Packages (WP): WP0 on general characteristics of the facility and household survey, WP1 on maternal health: utilization indicators, WP2 on quality of care: maternal and under-five health services, WP3 on child health: utilization indicators, WP4 on nutrition, WP5 on human resources and management of health care facilities, WP6 on targeting and health insurance, and WP7 on CHW.

In all WP, indicators have been developed that either followed international standards and good practices or that were newly developed for this evaluation study. All indicators were designed to be replicable in the endline study, in order to provide for analytical comparisons of the effects resulting from the different interventions. In total, 405 indicators were measured and calculated; out of those, 58 were considered to be key indicators (see annex II). For selected indicators, the Minimum Detectable Effect Size (MDES) at the point of the endline survey was calculated in an ex-post power calculation (section 4). Concerns of internal and external validity of study results are discussed in section 5, where a comparison of study results with existing national data is also provided. Policy recommendations are provided in section 6.

The report concludes with a comprehensive annex of indicator tables. A variety of basic analyses have been conducted for each indicator (annex III): In the so-called cross table of indicators, the mean or percentage of each indicator is shown, broken down by several main characteristics, e.g. zone of residence, region, level of health facility, age groups, study zone, etc. The so-called balance tables give insights into whether there are systematic (i.e. statistically significant) differences between the control and the intervention (all intervention arms combined) or between the four intervention arms at the time of the baseline. Three different balance tables were produced: for the all of the regions together, as well as for Boucle du Mouhoun and the four other regions, separately. Additionally, basic descriptive information on key indicators split by district is given in annex III. Section 3 provides a thorough discussion of the findings of each of the WP on selected indicators and gives important information on the calculation of some of the more complicated indicators, as well as important information on disparities and the distribution of measured indicators.

The baseline survey follows the strict methodological approach of a CRT by randomizing at the health care facility level. Applying this methodology allows us to systematically and comprehensively lay the groundwork for evaluation of the impacts of the different intervention arms via comparisons between the baseline and the endline studies. The baseline data also give an outlook of the minimum detectable effects of the IE. For pursuing a rigorous IE, the baseline study not only provides a rich database of relevant indicators, but also gives first insights on service availability, quality of care and service utilization of maternal and child care for twenty districts in five regions in Burkina Faso.

Résumé analytique

L'enquête de référence sur l'*Évaluation de l'impact du financement basé sur les résultats au Burkina Faso* a été réalisée dans six régions à l'intérieur du pays entre octobre 2013 et mars 2014. L'Institut de santé publique de l'université de Heidelberg, le Centre hospitalier de l'université de Montréal, le Centre Muraz de Bobo Dioulasso, le Bureau de la Banque mondiale à Ouagadougou et HRITF (Fonds fiduciaire pour l'innovation en matière de résultats de santé), ainsi que le Programme d'appui au développement sanitaire (PADS) du ministère burkinabé de la Santé sont les institutions ayant été chargées d'évaluer l'impact de cette approche.

De précédentes études ont démontré qu'il existait au Burkina Faso des écarts considérables en termes de prestation de services de santé, de qualité des soins et de recours aux soins obstétricaux et néonataux. Des différences ont ainsi été observées entre divers groupes socioéconomiques en matière de couverture et de résultats sanitaires, ces écarts étant particulièrement marqués pour les indicateurs relatifs à la santé maternelle et infantile à l'échelle nationale. Des progrès ont été réalisés au cours des dernières années pour redresser ces indicateurs. Néanmoins, les inégalités et le manque d'accessibilité des services persistent, notamment parmi les groupes à faible revenu. Les interventions relatives au financement basé sur les résultats (FBR), qui relient les mécanismes de rémunération du personnel de santé à l'atteinte de certains résultats prédéfinis, ont été perçues par un grand nombre d'acteurs comme un instrument pouvant permettre d'améliorer la qualité et l'accessibilité des soins. L'opération actuelle de la Banque mondiale au Burkina Faso (voir section 1) fait partie du programme HRITF mis en œuvre dans de nombreux pays à travers le monde. À la suite d'un pré-pilote mené dans trois districts, la phase pilote a permis d'étendre la couverture des interventions FBR existantes à douze districts supplémentaires dans six régions, avec pour objectif d'améliorer l'utilisation et la qualité des services de santé maternelle et infantile (SMI). Par ailleurs, les interventions FBR de la Banque mondiale au Burkina Faso comportaient des initiatives axées sur la demande, à savoir le ciblage des aides destinées aux personnes indigentes et l'assurance-santé communautaire (ASAC).

L'étude consistait principalement à évaluer l'impact des interventions FBR sur la qualité des soins et l'utilisation des services de santé maternelle et infantile, tandis que l'enquête de base avait pour but de fournir le fondement empirique pour l'évaluation des impacts sur un large éventail d'indicateurs. Cette étude porte principalement sur les résultats des mesures FBR en termes d'équité, en déterminant si ce type de financement, conjugué à des interventions axées sur la demande (c.-à-d. le ciblage des personnes démunies et l'ASAC), peut en outre améliorer l'accès des populations défavorisées aux services de soins. Cet objectif s'attaque à une question largement débattue consistant à déterminer si le FBR constitue une mesure équitable en matière de financement sanitaire. Par conséquent, les questions de recherche primaires s'intéressent uniquement à l'impact des interventions FBR sur l'utilisation et la qualité des services de santé

maternelle et infantile et ont pour but de déterminer si ce financement à lui seul améliore l'accès des populations vulnérables aux services. En outre, les questions de recherche ont pour but d'évaluer l'impact combiné du FBR avec le ciblage systématique des populations défavorisées ou avec l'ASAC, pour en fin de compte déterminer quelle combinaison d'interventions s'avère la plus rentable, au regard des principaux aspects de la qualité des soins, de l'utilisation des services de santé et de leur accès équitable, et, au final, des résultats sanitaires.

L'étude consistait en un essai randomisé en grappes et par région reposant sur une comparaison avant et après la mise en œuvre des interventions (voir section 2). Ce modèle permet d'évaluer l'impact des différentes interventions dans diverses régions en recourant à l'approche d'écart dans les différences. Au total, quatre groupes ont reçu l'intervention (T1-T4), tandis qu'un groupe de contrôle (C) n'en a pas bénéficié. Le groupe T1 comprenait des mesures FBR traditionnelles, tandis que le groupe T2 comprenait le FBR conjugué au ciblage systématique des populations démunies et aux aides octroyées à ces personnes. De plus, le groupe T3 comprenait les interventions du groupe T2 auxquelles s'ajoutaient les mesures de motivation du personnel de santé en faveur des ménages ciblés. Enfin, le groupe T4 comprenait le FBR et l'ASAC (notamment le ciblage des personnes défavorisées). Les régions différaient en termes d'interventions. Dans chacune d'elles, deux districts d'intervention et deux districts de contrôle ont été sélectionnés. Alors que les structures de santé dans les districts d'intervention des régions Centre-Nord, Nord, Sud-Ouest et Centre-Est ont été randomisées dans les groupes T1, T2 et T3, les structures comprises dans les districts d'intervention de la Boucle du Mouhoun ont été randomisées dans les groupes T1 et T4. La région Centre-Ouest différait à cet égard dans le sens où elle était seulement incluse dans le groupe T1. Les structures de santé primaires incluses dans les régions échantillonnées ont été affectées de manière aléatoire vers les différents groupes d'intervention dans une procédure publique. Toutes les structures de santé de niveau secondaire n'ont pas été randomisées et ont été placées automatiquement dans le groupe T2.

La collecte de données pour l'enquête de référence comportait une enquête auprès des ménages et une autre auprès des structures de santé. L'enquête auprès des ménages était articulée autour d'une procédure d'échantillonnage en deux étapes (15 ménages par village sélectionné). L'outil de recherche a été administré au chef de ménage et aux femmes âgées de 15 à 49 ans. L'enquête réalisée auprès des structures de santé comprenait différents outils de collecte de données avec différentes sources d'informations et des répondants divers : Dossiers des structures de santé, questionnaire à l'intention des prestataires de soins, observations directes (consultations curatives des enfants de moins de 5 ans et visites prénatales), entretiens à la sortie des consultations curatives et des visites prénatales, questionnaire destiné aux agents de santé communautaires.

Toutes les analyses figurant dans la section 3 *Résultats de l'enquête de référence* et les Annexes I à IV sont établies à partir d'un échantillon efficace de 448 structures de santé implantées dans 20 districts des cinq régions, tandis que 10 des 20 autres districts servaient de groupe de contrôle et que les 10 autres bénéficiaient de traitements. La sous-étude sur les agents de santé

communautaires comprend des données obtenues auprès de 1 102 individus. L'enquête auprès des ménages comprend des informations obtenues auprès de 6 224 foyers répartis dans les cinq régions. La région Centre-Ouest entièrement non randomisée, ainsi que les structures de santé non randomisées et leurs zones desservies dans la région de la Boucle du Mouhoun, ont été exclues de l'analyse de données de l'étude de référence. Ainsi, les données fournies dans le rapport comprennent des analyses globales des cinq régions (hormis la région Centre-Ouest). En raison des différents types d'interventions, les analyses pour la Boucle du Mouhoun ont été réalisées séparément des quatre autres régions.

Les sous-études et les analyses de données ont été réparties dans huit modules de travail thématiques (également appelés *WP* ou *WP*) : WP0 sur les caractéristiques générales de l'enquête menée auprès des ménages et des structures de santé, WP1 sur les indicateurs d'utilisation en santé maternelle, WP2 sur la qualité des soins des services de santé maternelle et infantile (enfants de moins de 5 ans), WP3 sur les indicateurs d'utilisation en santé infantile, WP4 sur la nutrition, WP5 sur les ressources humaines et la gestion des structures de santé, WP6 sur le ciblage des personnes démunies et l'assurance santé, et WP7 sur les agents de santé communautaires. Dans l'ensemble des modules de travail, des indicateurs ont été développés en suivant des normes et des bonnes pratiques reconnues à l'échelle internationale. D'autres indicateurs ont été spécifiquement conçus dans le cadre de l'étude d'évaluation. Tous ont été développés pour pouvoir être répliqués dans l'étude finale, afin de pouvoir procéder à des comparaisons analytiques sur les effets résultant des différentes interventions. Au total, 405 indicateurs ont été mesurés et calculés. Sur ce nombre, 58 ont été considérés comme des indicateurs-clés (voir Annexe II). Pour les indicateurs sélectionnés, la taille de l'effet décelable minimal au moment de l'enquête finale a été calculée a posteriori à l'aide d'un calcul de puissance (section 4). Les préoccupations concernant la validité interne et externe des résultats de l'étude sont abordées dans la section 5, où une comparaison des résultats de l'étude aux données nationales existantes est également fournie. Des recommandations en termes de politiques sont présentées dans la section 6.

Le rapport s'achève sur une annexe globale des tableaux d'indicateurs. Diverses analyses basiques ont été réalisées pour chacun d'eux (Annexe III) : Dans le *Tableau croisé des indicateurs*, la moyenne ou le pourcentage de chaque indicateur est présenté et réparti selon plusieurs caractéristiques principales, telles que la zone de résidence, la région, le niveau de la structure de santé, les groupes d'âges, les zones d'étude, etc. Les *Tableaux de bilan* permettent de déterminer s'il existe des différences systématiques (c.-à-d. statistiquement significatives) entre le groupe de contrôle et les groupes d'intervention (tous groupes confondus) ou entre les quatre groupes d'intervention au moment de l'étude de référence. Trois tableaux de bilan ont été produits : pour l'ensemble des trois régions, ainsi que pour la Boucle du Mouhoun et les quatre autres régions prises séparément. Par ailleurs, des informations élémentaires décrivant les indicateurs-clés et divisées par district sont fournies dans l'Annexe III. La section 3 aborde en détail les résultats de chaque module de travail sur les indicateurs sélectionnés et fournit des

informations importantes sur le mode de calcul de certains indicateurs plus complexes, ainsi que des renseignements essentiels sur les disparités observées et sur la répartition des indicateurs mesurés.

L'enquête de référence suit l'approche méthodologique stricte d'un essai aléatoire en grappes en procédant à une randomisation au niveau des structures de santé. L'application de cette méthodologie nous permet de jeter les bases de l'évaluation des impacts des différents groupes d'intervention de manière systématique et globale par le biais de comparaisons entre l'étude de référence et l'étude finale. Les données de référence donnent également un aperçu des effets décelables minimaux de l'évaluation de l'impact. Pour procéder à une évaluation rigoureuse de l'impact, l'étude de référence ne propose pas uniquement une base de données élargie comprenant des indicateurs utiles. Elle donne également de premières indications sur la disponibilité des services, la qualité des soins et l'utilisation des services de santé maternelle et infantile pour vingt districts répartis dans cinq régions au Burkina Faso.

1. Overview

1.1. Introduction

Burkina Faso is a landlocked country south of the Sahara. It covers an area of 274,200 square kilometers and has a population estimated in mid-2010 at 15.2 million, which has been growing at 3.4 percent per annum. The vast majority of the population (77%) lives in rural areas and is affected by illiteracy (71% in 2007). The 2010 United Nations Development Program (UNDP) Human Development Index ranks it 181st among 187 countries with comparable data. In 2009, the poverty headcount ratio at national poverty line was estimated at 47.44% of the total population (Institut National de la Statistique et de la Démographie, 2012).

1.2. Project background

An evaluation of needs in emergency obstetric and neonatal care was conducted by the World Bank, United Nations Fund for Population Activities (UNFPA), United Nations Emergency Children's Fund (UNICEF) and World Health Organization (WHO) in 2011. It showed that the quality of care was highly variable. Many health facilities were characterized by poor reception of patients by providers, inefficiency in resource utilization and time allocation of providers lead to long waiting lines, insufficient equipment and drugs and a lack of skills in health staff. The lack of skills of the Ministry of Health (MoH) personnel for basic and emergency care was analyzed in detail in this report and pointed to the importance of in-service training to update the knowledge and improve the skills of the personnel (World Bank, 2011).

Since 2003, Demographic and Health Surveys have included an indicator of the households' socio-economic status. These data can be used to show the association of poverty with health coverage and outcomes. They show the enormous size of the poor-rich gap, in particular for maternal health as the biggest gap can be observed for contraception use and deliveries (Figure 1).

The results of various surveys done in Burkina Faso have consistently shown that, other things held equal, the propensity to use the services of a health professional during an episode of illness is lower (often three to five times) among families in the lowest income quintile than among families in the highest income quintile. In recent years, progress has been made to improve health coverage and geographical accessibility. However, inequalities in access to health care are still striking and financial accessibility of public services is still limited, particularly for groups such as women, the poorest and rural people (Ridde et al., 2004). Both the policy-making and the scientific communities focusing on Burkina Faso have identified urgency in finding a solution to improve access to essential health services for the poorest groups (Ridde et al., 2011a, 2011b). Decision-makers formulating national health insurance policies in Africa face exactly the same

challenges of identifying the people who should be covered by insurance but lack the means to pay the premium (Aryeetey et al., 2010).

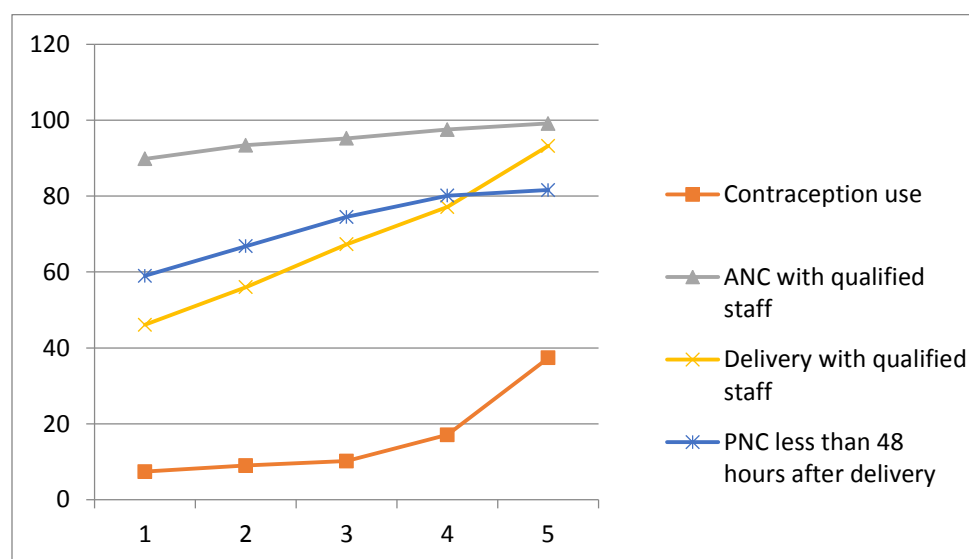


Figure 1. Service coverage per socioeconomic quintiles (Institut National de la Statistique et de la Démographie, 2012)

The households' health expenditures are currently, according to the National Health Accounts (NHA) results, the highest percentage of the total health expenses in Burkina Faso (Table 1). Household budget expenditures are covering 36.9%, followed by public health expenditures (35.2%) and multilateral collaboration (12.3%).

Table 1. National health expenses 2008 and 2009

	NHA 2008	%	NHA 2009	%
Public budget	79 560	31.29	104 365	35.18
Household budget	97 504	38.35	109 529	36.92
Private companies	3 132	1.23	6 493	2.19
Bilateral cooperation	4 352	1.71	8 665	2.92
Multilateral cooperation	40 815	16.05	36 349	12.25
Non Governmental Organizations (NGO) and other international organizations	28 876	11.36	31 276	10.54
TOTAL	254 240	100	296 677	100

The research team, together with the World Bank IE team, had an identification mission in Burkina Faso in March 2013. The mission aimed to design IE research questions that were pertinent for increasing global knowledge on PBF, one of the main objectives of the HRITF,

while at the same time developing a scientific study that was contextually important, timely and valuable to the Government of Burkina Faso and the country-specific context. Having worked for more than 30 years in Burkina Faso, the Institute of Public Health team has a strong knowledge of health sector policies in the country and the debates surrounding them. In addition to this contextual knowledge and their preliminary ideas on the scope of the evaluation, the various discussions with the in-country stakeholders led to the identification of equitable access to quality health services as a key priority for the MoH and Development partners.

Many actors view PBF as a potential instrument to improve access to quality health services, but have questioned if there would be equitable sharing of the benefits of quality services and if the poor would actually benefit from the intervention. It was suggested that two key policies of the Government, risk-sharing mechanisms such as CBHI and targeted subsidization for the poor for improved access to health services, could be coupled with PBF to ensure greater equity in benefitting from the operation.

Burkina has a strong history with CBHI. The most documented experience is the pilot evaluation of CBHI in Nouna health district, conducted by the MoH and University of Heidelberg (De Allegri et al., 2006a, 2006b, 2007; Dong et al., 2007; Gnawali et al., 2009). More recently, the development of the National Health Insurance System (SNAM) was a central topic of discussion for the MoH, but did not move forward much in terms of implementation. There was substantial interest in how the proposed PBF approach could reinforce health insurance initiatives by ensuring that health workers remain motivated and have sufficient resources to provide high quality services. The combination of PBF and CBHI within the IE needed to be tested to provide important knowledge for the country.

Second, there has been a strong political movement growing for developing mechanisms that systematically reduce financial barriers to health services for targeted populations. In Burkina Faso, there have been two schools of thought on this policy question, one that pushed for free health care for pregnant women and children under 5, another that pushed for exemptions only for the most vulnerable populations (indigents). The difficulty that was already identified in Burkina Faso was the methodology of identifying the most vulnerable populations. Various approaches have been tested in Burkina Faso, including Community Wealth Ranking (Souares et al., 2010) in Nouna health district; identification through community selection, health management committees' selection and health worker selection among patients (Ridde et al., 2011a). While Community Wealth Ranking has been found to be participatory, transparent and valid, there were significant costs for implementation (Souares et al., 2010). Identification through community selection has been found to have the lowest inclusion and exclusion bias and significantly less cost than Community Wealth Ranking. Additional methods that were tested were found to result in high levels of inclusion and exclusion bias (Ridde et al., 2011a; Ridde et al., 2013). Burkina Faso has been particularly interested in testing one identification method

within the context of the PBF operation and coupling it with CBHI, where functional schemes were already operating.

1.2.1. Progress made towards Millennium Development Goals (MDG) 1C, 4 and 5

Burkina Faso remains off track to meet the MDGs 4 (reducing child mortality- see Figure 2 below) and 5 (reducing maternal mortality). In spite of recent progress, maternal mortality in Burkina Faso, as elsewhere in Sub-Saharan Africa (SSA), remains unacceptably high; the maternal mortality ratio was 332 per 100,000 live births in 2010 (Hogan et al., 2010).

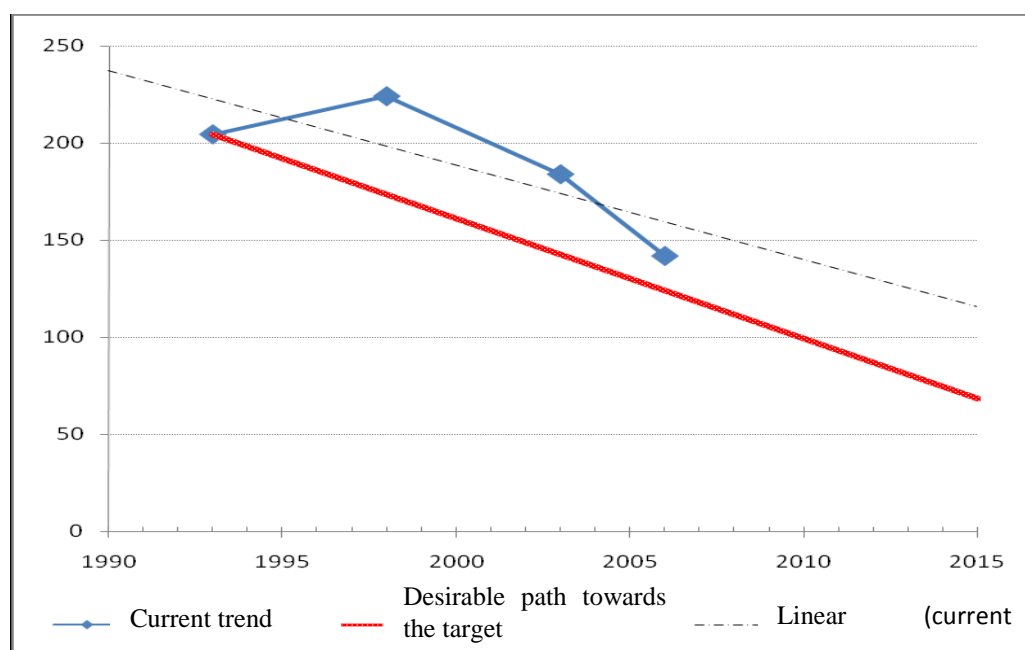


Figure 2. 'Child mortality (0-5 years) (%) (UNDP, 2010)

In 2001, access to skilled attendance at birth, by ensuring quicker access to emergency obstetric services, represented the single most effective means to reduce maternal and neonatal mortality and maternal morbidity (Graham et al., 2001). Even though the use of facility-based deliveries increased from 36% in 2000 to 79.9% in 2012 (National Strategic Plan – Burkina Faso, 2013), it still remains far from the MDGs' objective of 100% in 2015 (see Figure 3 below). Although the cost of deliveries has fallen sharply since 2007, when the government introduced an 80 per cent subsidy for facility-based delivery, access to adequate medical services continues to be a problem and many women remain reluctant to go to health facilities to give birth (Ridde et al., 2011b). Poor and rural women face treatment in health facilities, which are often unhygienic and understaffed, by medical personnel who are underpaid and sometimes treat them disrespectfully (Amnesty International, 2009; Moszinsky, 2010).

Moreover, only 31% of pregnant women completed four prenatal care visits and postpartum care was also found to be insufficient, covering only 43.1% of women who gave birth. The contraceptive prevalence rate for modern methods remained very low at 16% in 2010, with 13.7% of couple year protection. The unmet need for family planning was high, one of the highest in the world, as 29% of married women expressed a desire to use contraception (United States Agency for International Development, 2005). Considering the recent evidence that has accrued on the positive relationship between family planning and reduction in maternal mortality (Ahmed, 2012), there remains a need to invest in targeted programs fostering access to modern family planning as an additional means to save women's lives.

The fertility rate remains very high: the average woman births at least six children over the course of her lifetime. One of the reasons for the high desired fertility has been the poor child survival rate; one in five children does not reach the age of five. This harsh reality has driven families to have more children in case some do not survive. Reduction in infant mortality over the period 1990–2010 was 9.7%, one of the lowest of all African countries during the same time period (UNDP, 2010).

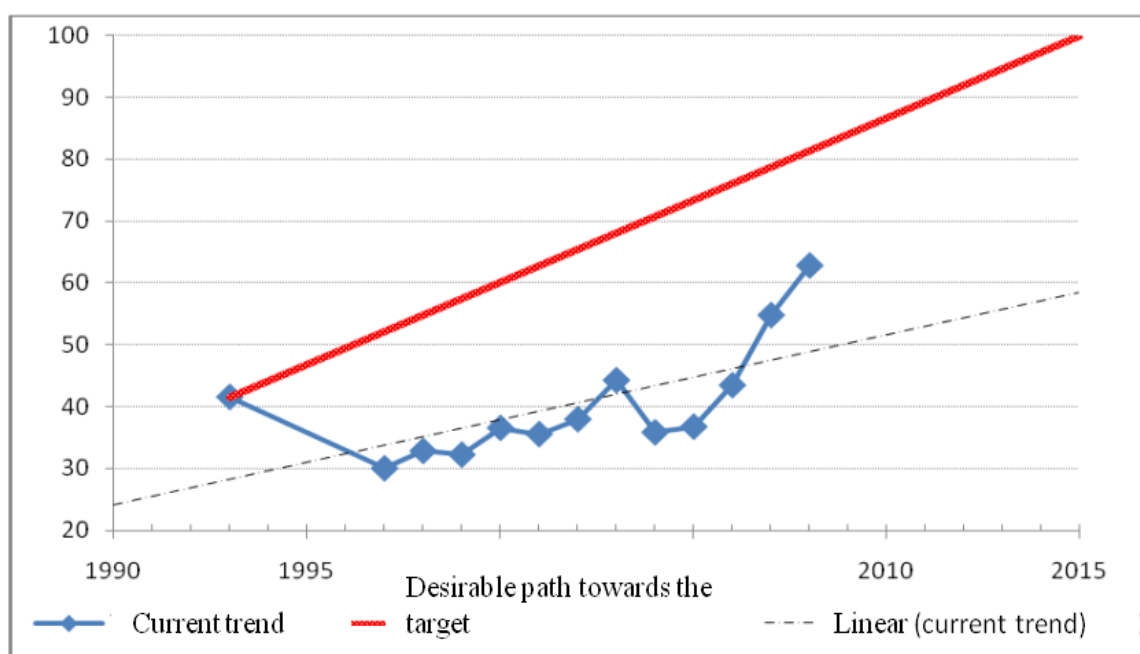


Figure 3. Skilled attendance at birth (%) (UNDP, 2010)

1.2.2. PBF

Scaling-up of PBF schemes across SSA (SSA) has developed rapidly over the past few years. PBF schemes have attained national coverage in Rwanda, Burundi, and Sierra Leone, and are being piloted in different sub-Saharan countries, among them: Central African Republic,

Zimbabwe, Zambia, the Democratic Republic of Congo (DRC), Benin, Cameroon, Chad, and Malawi.

Initial evidence from PBF pilots in low-income countries has suggested that linking payment mechanisms to defined outcomes can lead to increased service coverage and improved service quality for MNCH services. In Rwanda, results from two independent evaluations showed a positive impact of PBF on utilization for institutional deliveries, growth-monitoring consultations, and increased levels of perceived and evaluated quality of care (Basinga et al., 2011; Rusa et al., 2009). In the DRC, providing performance-based subsidies resulted in lower direct payments to health facilities for patients, who received comparable or higher quality services than patients receiving care in control facilities. This disparity occurred despite the fact that districts receiving performance-based subsidies received less external foreign assistance than control districts (Soeters et al., 2011).

While supporters of PBF have claimed that the approach can catalyze comprehensive reforms and helps address structural problems of public health services, such as low responsiveness, inefficiency and inequity (Meessen et al., 2011), PBF has not been without its dissidents. Three main criticisms have been at the forefront of the debate (Kalk et al., 2010):

- i. Introducing financial incentives into a working environment characterized by a high degree of idealism may actually erode workers' intrinsic motivation, this effect was defined as "crowding out" (Deci and Ryan, 1985);
- ii. The fact that PBF only addresses a limited range of indicators, potentially leading to "gaming", i.e. neglecting the non-remunerated aspects of work to focus on the remunerated ones, as observed in Brazil and other Latin American countries (Taljaard et al., 2009) and in Rwanda (Kalk et al., 2010); and
- iii. The considerable economic costs associated with implementing and monitoring PBF schemes (Kalk et al., 2010).

A very recent review pointed to the need for evaluations with robust design and, in particular, the importance of an external control group, in order to draw evidence based conclusions on whether the changes could be attributed to the intervention or not. The review called for studies that considered untargeted effects and systems effects, in order to enable the formulation of forthright conclusions about the effects of PBF in low- and middle-income countries (Gorter and Meessen, 2013; Jahn et al., 2013). They also emphasized the need for qualitative methods, in order to understand the overall system effects and the motivation and health seeking behaviour of health care providers and consumers (Freitheim et al., 2012; Witter et al., 2012).

Moreover, only a few studies have looked at the equity outcome of PBF interventions. Only one study in Cambodia showed that the contracted districts outperformed the control districts in targeting Maternal, Newborn & Child Health (MNCH) services to the poor, when other factors, such as differences in expenditure levels, starting values, and demographics, were assessed

(Schwartz and Bhushan, 2004). The potential impact of PBF on equity needed to be further demonstrated.

1.2.3. History of PBF in Burkina Faso

Between 2011 and 2013, the government of Burkina Faso, with the support of the World Bank, has been preparing the implementation of a PBF operation with the objective to improve the coverage and quality of targeted MNCH services. Since 2011, a PBF pre-pilot has been implemented by the MoH in three districts: Titao, Leo and Boulsa.

The pre-pilot intervention has been evaluated and the WB pilot intervention reflected lessons learned from the pre-pilot experience. The intervention is supply-side PBF, providing performance-based incentives for health facilities delivering packages of basic health care services. Performance agreements between the MoH and the health center defined the package of services to be provided and the indicators and targets, related to both quantity and quality of care, to be reached in delivering these services. The results achieved are assessed by external reviewers every three months. Payment is on a fee-for-service basis and takes place after verification of quantity and quality. Final payments are adjusted for the quality of care of services provided. Facilities have autonomy to decide how to use the PBF payments.

The MoH recently conducted an external review of the pre-pilot being conducted in the Titao, Leo and Boulsa. Quantitative results showed that between April 2011 and March 2012 there was a substantial increase in the quantity of MNCH services delivered. For example, the number of under-5 consultations following the Integrated Management of Childhood Illnesses (IMCI) guidelines in the three districts increased from 7,834 to 15,549 with other MNCH indicators following similar trends. Quality scores have increased substantially as well, increasing from a score of 45% to a score of 75% over the same time period. While the results are encouraging, several organizational arrangements had been assessed and redesigned prior to launching the pilot operation in 2013.

1.3. Project components

1.3.1. PBF

The new World Bank operation extends coverage of PBF to an additional twelve districts, distributed across six regions. The development objectives of the operation are to improve the utilization and quality of MNCH in targeted zones of Burkina Faso. The direct beneficiaries of the project are to be women of reproductive age and their young children, for improved access to reproductive and child health services. The indirect beneficiaries include the 3.4 million inhabitants in the six regions participating in the project's PBF component (Center North, Center West, North, South West, Boucle du Mouhoun and Center East).

The upcoming PBF intervention consists of two components:

- i. **Delivery Package of Basic Health Care (PHBS):** Agreements between MoH and health facilities defines the PHBS to be provided and the indicators and targets to be reached in delivering these services. Targets are defined both in term of service quantity and service quality. The results achieved against these targets will be assessed by external reviewers every three months. Based on the verified results, each health facility receives payments in partial reimbursement for the services delivered. The payment is based on unit prices developed under a PBF model and adjusted for quality of services. PBF indicators largely focus on Maternal and Neonatal Health (MNH), but also include non-maternal services (i.e., child services, immunizations), adolescent services, tuberculosis and malaria to ensure that health facilities do not neglect other services.
- ii. **Support to PBF implementation and supervision:** An international firm will be contracted to provide technical support and external monitoring to ensure successful implementation of PBF components.

The key objectives of the project are to increase:

- the contraceptive prevalence rate;
- the proportion of births assisted by skilled personnel;
- the proportion of women attending post-natal consultations; and
- the number of children immunized (see Table 2, detailed Project Development Objectives).

Table 2. Project development objectives

N°	Project Development Objective	Description
1	Contraceptive prevalence rate	Number of women reporting use of modern contraceptive method / Total number of women of reproductive age
2	Proportion of births assisted by skilled personnel	Number of births assisted by a midwife, maïeuticien d'état, qualified nurse or sage-femme / Total number of expected births
3	Proportion of women attending postnatal consultations	Number of postnatal consultations recorded / Total number of assisted births
4	Children fully immunized	Cumulative number of children completely immunized
5	Percentage of pregnant women receiving at least 2 doses of anti-tetanus immunization	Number of pregnant women who received at least 2 doses / Total number of expected pregnancies
6	Percentage of facilities that received PBF credit on time	Number of facilities that received PBF within 30 days of sending performance report / Total number of facilities in districts selected for PBF
7	Pregnant women receiving Ante-Natal Care (ANC) during a visit to a health provider	Cumulative number of pregnant women receiving ANC during a visit to a skilled health provider
8	Couple years protection	Estimated protection provided by contraceptive during a one year period

9	Percentage of cesarean section	Number of Caesarean sections (C-section) / number of deliveries
10	Percentage of women of reproductive age that are satisfied with the quality of reproductive health care and services provided in public sector facilities	Number of women of reproductive age who use health services and rank the facility in their community with a score of 75% or better / Total number of women interviewed
11	Health personnel receiving training	Cumulative number of health personnel receiving training for all types of health workers
12	Number of facilities providing emergency obstetric procedures	Number of facilities that provide all 9 emergency obstetric procedures
13	Pregnant women living with HIV who received antiretroviral to reduce the risk of PMTCT	Pregnant women HIV+ receiving treatment / Total women HIV + in the districts
14	Percentage of facilities with no contraceptive stock-outs in last three months	Number of facilities with all 6 methods available: male condom, female condom, pill, injectable, implant and Intra-Uterine Device (IUD) for at least 25 days per month / Total number of facilities offering FP
15	Percentage of women aged 15-19 who know at least one modern family planning method	Percentage of women aged 15-19 who know at least one modern family planning method

Within each region, two districts, where PBF had not yet been introduced (Table 3), were purposely selected by the Government to receive the intervention on the basis of poor outcomes on four selected indicators:

- i.** Contraceptive prevalence rate
- ii.** Assisted deliveries;
- iii.** Antenatal consultations and
- iv.** Post-natal consultations.

Table 3. Regions and districts interventions included in current phase

Regions	Districts
Boucle du Mouhoun	Nouna Solenzo
Centre-Nord	Kongoussi Kaya
Centre Ouest	Koudougou Sapouy
Nord	Gourcy Ouahigouya
Sud-Ouest	Batié Diébougou
Centre-Est	Ouargaye Tenkodogo
TOTAL	12

The intervention consists of different packages of PBF, linked or not, to improving access for the poor:

- i. *Intervention 1: Traditional PBF:* PBF performance agreements concluded between the MoH and the health center defined the package of basic services to be provided, and the indicators and targets to be reached in delivering these services. External reviewers then assess the results achieved against these targets every three months. Based on these verified results, each facility under a PBF contract will receive payments in partial reimbursement for the services delivered. The payments will be based on unit prices developed under the PBF model, based on a number of factors designed to achieve the desired results, including basic cost of inputs required (and not financed elsewhere) for services rendered, adjusted for quality of the service. This intervention group will not include any systematic targeting and subsidization of the poor.
- ii. *Intervention 2: Traditional PBF + systematic targeting and subsidization for the poor:* Intervention 2 will use the institutional framework of Intervention 1 but also include specific indicators linked to the provision of care for extremely vulnerable households in the health facility catchment areas.
 - Systematic targeting of the poor through community targeting within the health facility catchment area, using methods already tested and validated in Burkina Faso. Vulnerable households within the catchment area (maximum of 10-15%) will be identified and provided indigent certificates for free curative care through outpatient consultations at the contracted health facility.
 - A specific PBF indicator links purchasing these services from primary and secondary health facilities (through referrals) with a fixed unit price for each consultation package (including services and drugs). The reimbursement is based on the average cost for outpatient consultation in the absence of direct payments from user fees. The fixed unit price is higher than for normal (non-targeted) patients, taking into consideration the delivery of care without direct payments from patients (approximately 85-100% of the value to deliver the service, including revenue generated through direct payments from patients). As the payment is budget neutral for providers (if price equaled cost, providers will not be incentivized to over- or under-provide care to targeted groups), there is no direct financial incentive for health care workers to provide, or not provide, health care to the poorest.
- iii. *Intervention 3: Traditional PBF + systematic targeting and subsidization for the poor + additional provider motivation:* Intervention 3 uses the institutional framework of Intervention 2 and the same reimbursement indicator as intervention 2, but the level is higher than the average reimbursement of external consultation (as in intervention 2), approximately 120-150% of the value to deliver the service, including revenue generated through direct payments from patients. The higher reimbursement rate acts as a financial

incentive for health care providers to take personal initiative to increase the utilization of health care by the poorest households. That is to say, in addition to improving financial access to services for these households, the increased payment levels theoretically push health workers to target the vulnerable and develop strategies to improve their health-seeking behavior (i.e. address non-financial factors that may inhibit utilization of formal sector services, such as self-medication or treatment from the informal sector). For all other aspects, this intervention is exactly the same as intervention 2.

- iv. *Intervention 4: Traditional PBF + CBHI (including targeting of the poor):* Intervention 4 uses the institutional framework of Intervention 2 but is introduced in parallel to the extension of CBHI. Insurance is offered to the entire population, while vulnerable households identified through systematic targeting are offered health insurance with a subsidized premium (either 50% or 100%). Health facilities receive prospective capitation payments based on enrollment levels at the beginning of the year, with a certain percentage of the budget withheld and disbursed based on the quarterly PBF performance assessments. Although the unit of enrollment is the household, capitation payments are made on an individual basis, enrolled patients no longer pay out-of-pocket at the point of service. The insurance benefit package includes both curative and preventative services. Services delivered to both vulnerable and non-vulnerable patients are purchased at varying payment levels as defined in Intervention 3 (with higher payment levels for services provided to the vulnerable), and thus, subsidization of services provided to indigents who do not pay the premiums are passed via the PBF mechanism at budget neutral levels, while capitation payments replace out-of-pocket payments for the general population. Within this group, systematic targeting of the poor and subsidies are channeled through health insurance. Health facilities receive PBF for services plus financial incentives for poorest households, as in Intervention 3.

1.3.2. Strategy for targeting of the poor through PBF in Burkina Faso

In Burkina Faso, recent studies on targeting have led to a consensus of a definition for “indigent” populations, which have been defined as “someone who is extremely disadvantaged socially and economically, unable to look after himself (herself) and devoid of internal or external resources” (Ridde et al., 2010). The definition of the “poor” for this IE is oriented by the above definition but has been adapted to include the targeting mechanism that allows for identification of the poorest households in each health facility catchment area, using pre-defined thresholds in terms of percentage of the population targeted or not as cut-off points are relative to the specific context of the community and not absolute across all catchment areas.

Among the different methods tested in Burkina, the method that has been selected for this evaluation has been found to have the lowest inclusion bias, highest acceptability by communities implicated in the intervention, and greatest precision in identification of the poor. These methods were developed and tested in Burkina Faso. A list of 20 criteria has been

officially developed and validated in Burkina Faso based on research results. The criteria include: assets, habitat, physical deficiency, food sufficiency, etc.

The targeting process in the different regions is coordinated by the SERSAP (Société d'Etudes et de Recherche en Santé Publique). It is a sustainable, long-term selection that allows for regular updates of the indigents list. This selection is made at five different levels: village/sector, CSPS, regional and national level.

At the village/sector level, an Indigent Selection Committee (CSI), previously formed and consisting of seven people (at least three of whom are women), reviews all households in the area on the basis of their knowledge of the village or sector. Then, the members of this CSI collectively decide whom to include as indigent, referring to the definition and criteria they learned during their training sessions. A validation of the indigent list the CSI creates will then be carried out at two levels: externally by the Local Implementation Teams (ELMEO) and internally by the Local Group of Lists Validation (GVL).

The ELMEO team consists of: two members of the district management team, two officers from the provincial department of social welfare and the staff in charge of the social affairs of each municipality. For the validation, ELMEO conducts a social survey on a sample of the CSI indigent list. The survey allows for the inspection of the individual criteria on one side and the household criteria on the other side. An 80% confirmed selection result is considered a good selection; results below 80% are considered rather poor and the selection process will be repeated.

The GVL group consists of: the administrative or traditional chief of the village, two religious leaders from the village, the chairman of the development committee of the village (CVD) and two councilors from the village/locality. These people who have moral authority can validate the list of indigents after the ELMEO team has validated it.

The final list is then forwarded to the CSI and to the committee of selection and monitoring (CSS) of the health area of the CSPA where the selected indigents report. The CSS consists of: two members of the management committee (CoGes) of the CSPA, the nurse in charge (ICP) and two councilors of the village where the CSPA is located. The CSS is responsible for informing the various actors in the health area of the CSPA of the intervention group about the final indigent list. The selected indigents are also informed of the payment exemption program of care.

All the CSS and GVL members receive prior training. A mechanism of control and supervision of this whole process is provided by ELMEO, the provincial department of social welfare, technical and regional assistants from SERSAP (ATR) and, the national team of intervention of SERSAP.

1.3.3. Health insurance

A major challenge of universal coverage for the Universal Health Insurance (Assurance Maladie Universelle, AMU – National Health Insurance in Burkina Faso) is the extension of the territorial coverage of the “mutuelles” (CBHI) and their structure, so that they are operational and sustainable. After up-scaling the strategies of the PBF in fifteen health districts of the country, including Solenzo and Nouna, it seemed an opportune situation to take account of the history of CBHI in this region (Info-box 1). Therefore, it was intended to include an option to measure the impact of an intervention of the PBF combined with mutual health insurances in a generalizable context of social mutual insurances planned by the government and its partners. This strategy includes the establishment of a mutual insurance in each of the twelve communities that do not have any, and support in restructuring the Community Based Health Insurance (AMBC) of Nouna. The restructuring will allow Nouna to have four mutual health insurances, establishes a regional union of mutual health insurances, and creates a capitalization of the experience.

ASMADE NGO is in charge of establishing mutual health insurances in the Boucle du Mouhoun: Province of Kossi (Nouna Health District) and Banwa province (Solenzo Health District). ASMADE activities include support in the establishment and operational guidance of the twelve new mutual health insurances, development of communication plans in regards to the mobilization of members and the AMBC restructuring to include four other mutuals within the Nouna area. A regional mutual health insurance union will also be established in order to capitalize on the experiences and lessons learned from this development process.

The selection of indigents in the region of Boucle du Mouhoun will be conducted by the ASMADE in the context of establishing mutual health insurances.

Info-box 1. The Nouna CBHI Scheme, 2004-2013

In early 2004, a CBHI [*Assurance Maladie à Base Communautaire (AMBC)*] was introduced in Nouna health district, Burkina Faso, with the objective to make health care more affordable and protect local communities from large health expenditure shocks. Currently, all 13 primary care facilities within the CBHI implementation zone and the district are contracted with the Nouna scheme. Enrollment is voluntary and the unit of enrollment is the household, with premiums are set at the individual level. Adults (aged 15+) pay an annual premium of United States Dollars (USD\$) 3, while children (aged under 15) pay USD\$ 1. The scheme uses a community targeting method to identify the poorest 20% of households in each community, who then receive 50% reductions on their premium fees, in order to improve financial access for enrollment. After 10 years of implementation, insurance coverage has reached 15% of the target population in the intervention zone.

Studies on the CBHI scheme have identified that enrollment in the scheme not only led to increased utilization of facility-based services, but reduced the likelihood of catastrophic health expenditure among enrollees. Poor quality of care provided by contracted facilities, low provider motivation and dissatisfaction with the payment method applied by the CBHI scheme, and financial insecurity of facilities due to insufficient revenue generation through CBHI capitation payments are several ongoing challenges faced by the scheme that have kept the enrollment rate relatively low at 15%.

It is expected that the introduction of the supply-side PBF operation will address the abovementioned challenges (poor quality of care, low provider motivation and insufficient revenue generation), while the full subsidization of premiums for the poorest households will contribute to both improved coverage in the target population and facility funds generated through capitation payments for enrollees. Efficiencies can also be achieved by linking operational activities of the CBHI scheme to the Regional Performance Purchasing Agency that will be established in the region (targeting of the poor, facility payments for CBHI capitation and PBF subsidies, assessment of quality of care).

1.4. Objectives

1.4.1. General purpose

In collaboration with the World Bank team and the MoH, the Institute of Public Health at the University of Heidelberg has developed a study design to assess the impact of the above-mentioned PBF intervention.

1.4.2. Aim of the IE

The overall objective of the IE is to scientifically evaluate the impact of the PBF intervention on quality of care and health care utilization for MNCH services. The IE has a specific focus on the role of PBF, in combination with various demand-side interventions, in improving equity in

health outcomes across socio-economic groups. An identification strategy has been designed to allow the IE to measure the causal effects and cost-effectiveness of the different packages.

1.4.3. Questions and objective of the IE

The primary research questions for the IE are:

- Does PBF increase utilization and quality of MNCH services delivered in Burkina Faso?
- Does PBF improve financial access to and utilization of quality health services for vulnerable populations without systematic targeting of the poor?
- Does PBF improve financial access to and utilization of quality health services for vulnerable populations through systematic targeting of the poor for improved health service coverage among vulnerable populations?
- Does the combination of PBF and CBHI generate added value to improve access to and quality of health services for all populations, including the most vulnerable?
- Which combination of interventions provides the most value for money?

The secondary research questions are:

- What is the effect of PBF on contraceptive prevalence rate, proportion of births assisted by skilled personnel, proportion of women attending post-natal consultations?
- What is the effect of PBF on quality of antenatal, delivery, postnatal, and neonatal health care services?
- What is the effect of PBF on health service coverage for children such as immunizations and growth monitoring?
- What is the effect of PBF on nutrition outcomes such as iron-folic acid supplementation during pregnancy, birth weights at the time of delivery, early breast-feeding initiation, and acute malnutrition?
- What is the effect of PBF on quality of child services: immunization and children services, malaria, tuberculosis and Human Immunodeficiency Virus (HIV)?
- How providers and clients experience quality?
- How do clients respond to the introduction of the planned PBF interventions?
- What is the effect of PBF on health care providers' behaviors, motivation and health service delivery process?

1.4.4. Policy perspective

There are key factors that impact overall service quality and service coverage, such as user fees, perceived quality of services and availability of supplies. Many of these factors are interconnected, for example: clean facility and perceived quality of care. These factors are identified on the facility/provider or 'supply' side, as well as the consumer or 'demand' side. The conceptual framework of change theory suggests that targeting these key factors in our

intervention leads to potential changes, which in turn, support the overall improved quality and coverage of MNCH services. Figure 4 identifies the list of key factors that are targeted and describes the expected PBF triggered changes to improve MNCH service coverage. We hypothesize that:

- i. Purchasing priority quality-adjusted service outputs can incentivize facility managers and health workers to expand the delivery of priority and high quality MNCH service outputs in a client-focused manner and to increase demand for health services;
- ii. Independent monitoring can also encourage managers to work for results while managerial autonomy and supervisory support can enable them to respond to these incentives;
- iii. Performance bonuses to health workers can incentivize health workers to adopt a client-friendly attitude, reduce absenteeism and reduce informal charges to patients.

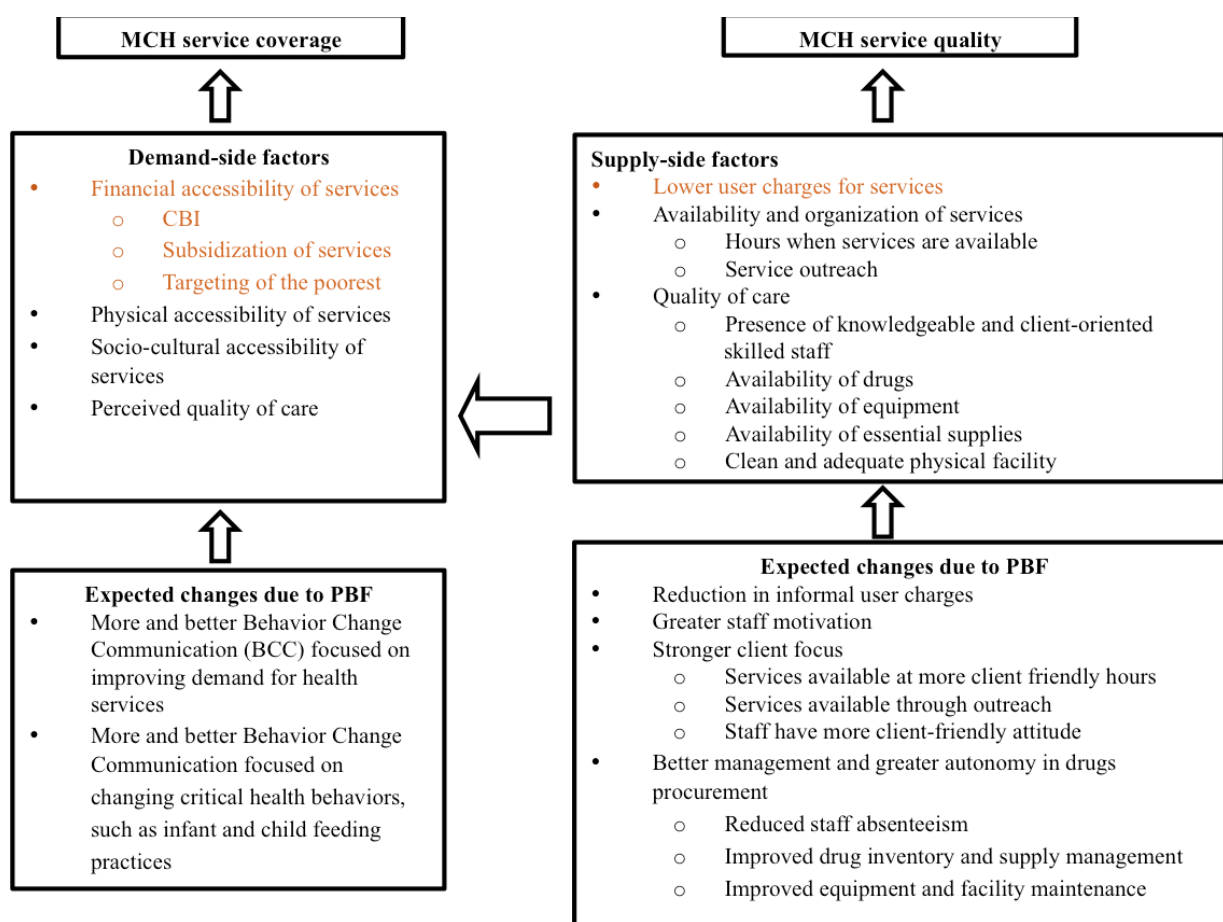


Figure 4. Conceptual framework of theory of change

In addition to the above-mentioned expected outcomes from the traditional supply-side PBF intervention, by introducing additional mechanisms within the PBF framework that aim to improve health service coverage across all socio-economic groups, including the most vulnerable, we hypothesize that:

- iv. Health workers and communities will be incentivized to ensure access to essential services for the poor;
- v. Service delivery will become more efficient through risk pooling and cross-subsidization.

We expect that this, in turn, will result in important changes at the health facility level such as:

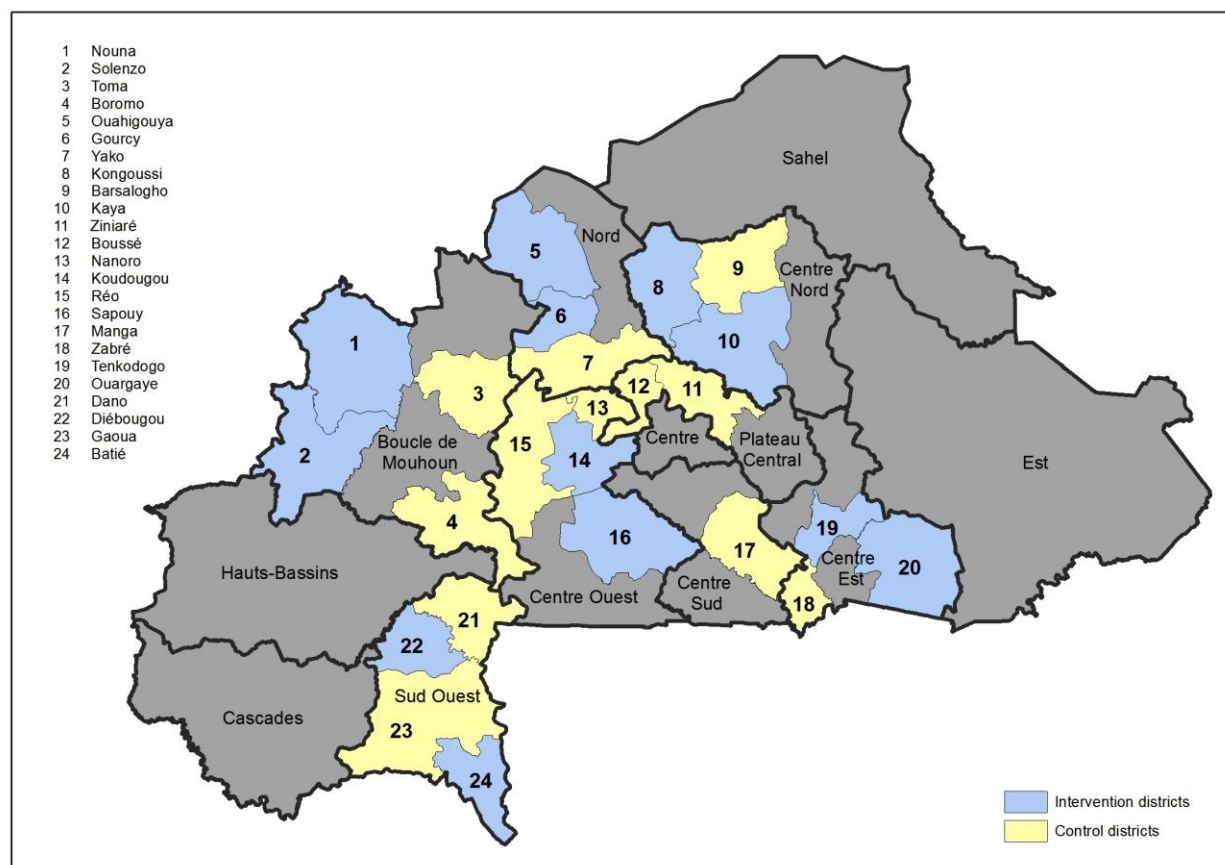
- Lower user charges, through reduced informal charges to patients and targeted subsidies for the poorest,
- More accessible health services, through reduction of financial barriers,
- Better facility functioning and improved quality of care,
- An increased focus on generating demand for health services, and
- The distribution of health benefits from the PBF intervention more equitable across different socio-economic groups.

There is a ‘demand-side’ component for the poorest households, as their access to health care is subsidized through targeting of the poorest households or through CBHI. This, coupled with facility-level changes triggered by PBF, may influence behavior change communication between consumers and providers, which may result in increased care-seeking and health behaviors and ultimately leading to improved MNCH service utilization. Many of these targeted factors work together to create change. For example: subsidies can improve financial access to health services, more client friendly hours can improve physical access to health services, while demand generation activities and improved technical quality of care can lower socio-cultural barriers to service use and the cumulative effects result in greater service uptake.

2. Methodology

2.1. Study design

The study is a blocked-by-region CRT using a pre-post comparison design. This process of random allocation seeks to ensure that the different study groups are comparable in terms of observed and unobserved characteristics that could affect treatment outcomes so that average differences in outcome can be causally attributed.



Map 1. Control and intervention health districts

In each region (Center North, Center West, North, South West, Boucle du Mouhoun and Center Est) two interventions districts have been selected by the MoH (see section 1.3.1.) and two control districts have been selected in the same or in a neighboring region, identified due to their relative proximity and similarity to the intervention districts in the targeted regions (Map 1).

Individual health facilities in each PBF intervention district in the 4 regions, excluding Boucle du Mouhoun and Centre Ouest, were randomized to one of 3 study groups (T1, T2 and T3). In the 2 intervention districts of the Boucle du Mouhoun region, individual health facilities were randomized to one of the 2 study groups (T1, T4). In Centre Ouest region only T1 was implemented.

The study adopts a blended experimental and quasi-experimental design, including both randomization of additional interventions at the facility-level with PBF districts (experimental) to test the effects of these interventions on outcomes of interest, conditional on PBF, and matching of facilities in neighboring pure control districts (quasi-experimental), to test the effects of these interventions, including PBF, in the absence of any intervention (counterfactual).

The effect identification is based on a rigorously defined counterfactual, using the trend over time in indicators in the control districts (Donald and Lang, 2007). Essentially, the different indicators, in both the intervention and the control districts, are measured before and after each intervention will take place in the intervention districts.

Ideally, to evaluate different PBF packages, against “no intervention”, one would want to have “pure control” primary health facilities within the same district. However, this is not feasible due to 2 reasons: (1) risk of contamination: due to the relatively high density of primary care facilities in the intervention districts, there is a risk of contamination both on the demand and supply side; (2) conducting the supply-side PBF intervention at the health facility level does not respond to the current organization of the health system or project framework, as both peripheral health service delivery and the PBF intervention are organized at the district level. As a result, all health facilities in the 12-intervention district are in one of the four PBF treatment groups, and there are no pure control facilities or populations within these districts.

We also have a mixed-method explanatory design: quantitative data collection preceded and informed qualitative data collection. In this study, the quantitative component dominates the qualitative one, because most utilization and quality indicators monitored over time can be more easily captured quantitatively than qualitatively. Quantitative data have been collected at baseline and will also be collected at the end-line survey. Qualitative data will be collected only for the end-line survey.

2.2. Intervention and control groups

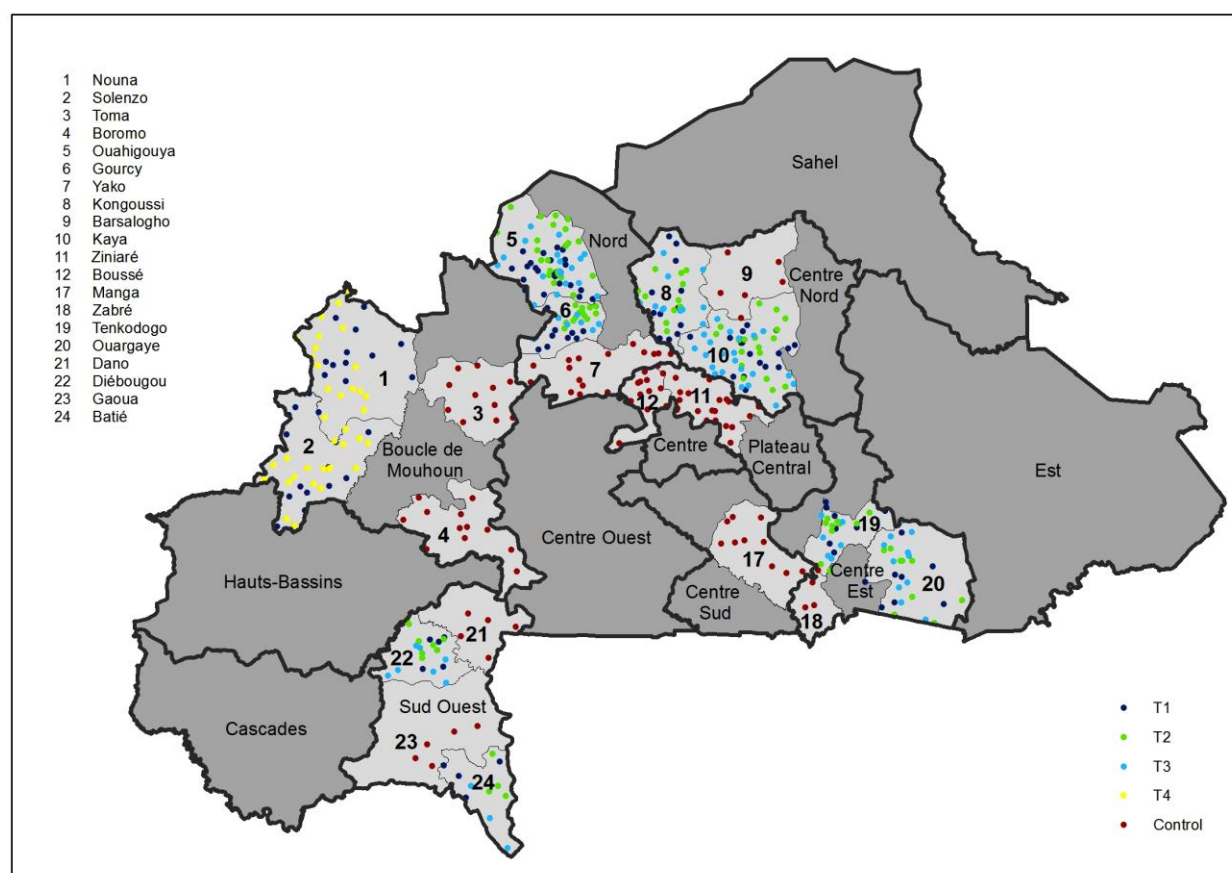
All district hospitals in the 12 intervention districts are included in the full PBF (i.e., T2 arm). This is because district hospitals play a critical role in supervising and acting as a source of referral services for all facilities in the district. District hospitals supervise and support different packages’ groups differently based on the group they are assigned to. We have a before-after design at the level of district hospital.

Based on the different interventions, which are being implemented, five study groups have been introduced to answer the IE research questions (see Figure 5 and Map 2 below).

T1: PBF	T2: PBF + systematic targeting and subsidization for the poor
T3: PBF + systematic targeting and subsidization for the poor + providers motivation for poor consultations	T4: PBF + CBHI + systematic targeting and subsidization for the poor
C: Control - Health facilities and populations within this study group would not receive any of the interventions	

Figure 5. Different interventions tested in PBF

In the Centre Ouest region, due to complexity of the intervention and lower poverty rate, the targeting of the poor will not be implemented. All health facilities belong to intervention group T1. The data from this region are not presented in the baseline report.



Map 2. Health facilities in intervention and control districts

In each intervention district, all types of Health Facilities (HF) were included: CSPS, CM, CMA, CHR. However, some HF were excluded: the newly opened HF (less than 6 months), the ones not yet opened or still under construction, health facilities offering only certain types of services (example only maternity), high schools and colleges facilities, garrisons and prisons facilities.

Private health facilities (which do not have a catchment area) were not supposed to be included in the sample).

2.2.1. Centre-Est, Centre-Nord, Nord, Sud-Ouest

In these four regions, the interventions are:

T1: PBF	T2: PBF + systematic targeting and subsidization for the poor
T3: PBF + systematic targeting and subsidization for the poor + providers motivation for poor consultations	C: Control - Health facilities and populations within this study group would not receive any of the interventions

Figure 6. Interventions in 4 of the 6 regions

2.2.2. Boucle du Mouhoun

As mentioned above, PBF will be implemented 100% in these two districts. The CBHI intervention will be randomized to 50% of the primary care facilities, creating two intervention groups T1 (PBF) with 50% of facilities and T4 (PBF + CBHI + systematic identification of the poor and provider bonuses) with 50% of facilities in the two districts). It is plausible that the offering of insurance will be extended at the same time that the PBF operation begins in the two districts. In this context the interventions in this region are:

T1: PBF	T4: PBF + CBHI + systematic targeting and subsidization for the poor
C: Control - Health facilities and populations within this study group will not receive any of the interventions	

Figure 7. Interventions in Boucle du Mouhoun

The 14 primary health facilities located in the area of the Health and Demographic Surveillance System (HDSS) in Nouna Health District where CBHI was introduced since 2004 have been excluded from the randomization and thus from the baseline report.

2.2.3. Control group

To be able to identify the impact of the different PBF interventions against outcomes in the absence of any PBF intervention, comparable health facilities have been identified from the remaining 51 districts. Thus two comparison districts in each of the six regions, where the intervention districts are located, have been selected to act as comparison health facilities (Table 4). Testing of the statistical comparability of the intervention and control districts was done using both 2010 Demographic and Health Survey (DHS) data prior to baseline survey collection and IE baseline data in order to match facilities on observable characteristics.

Since the treated districts have been chosen based on characteristics that are key outcomes of the intervention, there is a chance that the proposed matching procedure offers only a limited substitute to an ideal counterfactual group. Thus, the team considers the use of synthetic control methods as a complement or a robustness check to the proposed matching solution¹.

Table 4. Control districts

Regions	Districts
Boucle du Mouhoun	Boromo
	Toma
Centre-Nord	Barsalogho
	Ziniaré*
Centre-Ouest	Nanora
	Reo
Nord	Yako
	Boussé*
Sud-Ouest	Dano
	Gaoua
Centre-Est	Zabré
	Manga*
TOTAL	12

* Note: Ziniaré, Boussé and Manga are part of a different region. This is because there are not a sufficient number of districts in the Nord, Centre-Nord and Centre-Est regions for having two control districts in the same Region as the two intervention districts. These two districts were identified due to their relative proximity and similarity to the intervention districts in the targeted regions.

In control areas, HF were selected at the district level. In each district, the number of selected HF was proportional to the size of the district. The number of control HF per region was determined based on the weight of the intervention HF of the same region. The number of HF in each district was determined by a simple randomized draw as follow: 1 control HF to 4 intervention HF. The sampling involved all primary health care facilities (CSPS and CM). The CMA and the CHR of the control districts were automatically included.

¹ For an example see Abadie A, Diamond A, Hainmueller J. (2010) Synthetic Control Methods for Comparative Case Studies: Estimating the Effect of California's Tobacco Control Program. *Journal of the American Statistical Association* 105: 490.

2.3. Randomization

For 4 of the 6 regions, the primary health facilities were divided into 3 intervention arms within the intervention districts. For the following health districts: Batié, Diébougou, Ouargaye, Tenkodogo, Kaya, Kongoussi, Gourcy et Ouahigouya, the different health facilities were equally divided into the 3 intervention groups: T1, T2 and T3.

In the Boucle du Mouhoun region (Nouna and Solenzo districts), health facilities were divided into 2 groups: T1 and T4.

For the 6th region, all health facilities were in T1, the targeting was not implemented. In this region, no randomization occurred.

The randomization happened during public ceremonies in each region. All health personal from the regional level (Direction Régionale de la Santé (DRS), District level (Equipe Cadre de District, (ECD)) and local level (health facilities and district hospital) were invited to participate.

Principles of the randomization were the following:

- All secondary level health facilities: regional and district hospitals (Centre Hospitalier Régional (CHR), and Centre Médical avec Antenne Chirurgicale, (CMA)) were not randomized and were be put automatically in the group T2.
- All primary level health facilities: Centre de Santé et de Promotion Sociale (CSPS) and Centre Médical (CM) were randomized in the different intervention groups
- In the PBF in Burkina Faso, health facilities have been organized in main and secondary health facilities. The secondary health facilities were not directly signing a contract with the PBF, but are attached to the main one signing a contract. All secondary health facilities were automatically put in the same group as the main health facility they belong to.

The randomization procedure was the following:

- In Boucle du Mouhoun, 2 pieces of paper (one bearing the name 'T1' and the other 'T4') and 3 papers in the other regions (similarly 'T1', T2', and 'T3') were put in a hat or a basket.
- One of the pieces of paper was randomly picked from the hat/basket, determining the intervention group where the 1st health facility would be placed.
- Then all names of health facilities were put into the hat/basket after the list was checked with all participants.
- The first health facility was picked from the hat and belonged to the intervention group also picked first.
- Then a second one was picked and belonged to the second intervention group.
- The process continued until all health facilities belonged to one of the intervention groups.

Example:

3 intervention groups:

- T1; T2; T3

T2 selected.

- i. Random selection of 1st health facility:
 - CSPS B selected
 - CSPS B will be in group T2
- ii. Random selection of 2nd health facility:
 - CSPS F selected
 - CSPS F will be in group T3
- iii. Random selection of 3rd health facility
 - CSPS H selected
 - CSPS H will be in group T1
- iv. Process continued until all main health facilities were attributed to an intervention group.

In Boucle du Mouhoun region, there were 2 intervention groups: T1 and T4.

- All secondary level health facilities: regional and district hospitals (CHR and, CMA) were not randomized and were automatically put in the group T4.
- All primary level health facilities in Nouna district where health insurance was already implemented were automatically in T4.
- All other primary health care facilities were randomized into the 2 groups: T1 and T4.

The randomization happened as described above in the 5 regions. Each randomization ceremony took half a day to implement, with the regional health teams in charge of the organization. The randomizations happened in February 2014. Before the randomization took place, the Service Technique FBR and someone from the research team presented the objectives of the intervention and the objectives of the research to evaluate the intervention. Then the randomization process was explained to the participants before it was carried out under the supervision of the regional health director.

2.4. Instruments for data collection

Data collection took place from October 15th, 2013 to March 15th, 2014. The direct supervisors accompanied the investigators; there were teams of 10 investigators for the households and teams of 5 investigators for the health facilities. A household team and a health facility team were deployed in each region. A second level supervision was provided by 3 controllers: each controller was supervising 2 regions and, thus, each was responsible for 4 teams. Together, a

team of supervisors from Centre MURAZ and University of Heidelberg provided a third level of control of the investigators.

The health facility surveys were paper-based while the household surveys were conducted with PDAs. The data collected on-site was sent on weekly basis to the server in MURAZ Centre (the encoded data was sent electronically) and paper surveys were sent on a daily basis in sealed boxes to MURAZ center for data entry.

The quantitative part of the evaluation relied on two main sources of data to answer the identified IE research questions:

- i. *Household survey*: a household survey that was implemented at baseline (i.e., before implementation of PBF begins) and to be implemented at endline (i.e., after PBF has been implemented for two years).
- ii. *Facility-based survey*: a facility-based survey that was implemented at baseline and to implemented at endline. The facility survey includes different tools for data collection: health facility assessment, assessment of health facilities records, providers' questionnaire, direct observations, and patient exit interviews.

The IE used the HRITF survey instruments as a starting point and tailored them to the needs of this research and to the Burkinabé context. Table 5 below summarizes the data sources for the IE. The same facilities included in the baseline facility sample will also be visited at endline. Households surveyed at baseline will also be visited at endline, and will be included in the endline sample, if they continue to meet eligibility criteria. Additional households may be sampled at endline, if necessary to meet sample size requirements.

2.4.1. Facility-based survey

The facility survey was conducted in all the CSPS as well as in all CMAs and CHR in the 12 districts included in the IE, plus control facilities from the 12 control districts. In this report are presented only the results of the 10 intervention and 10 control districts (excluding the Centre Ouest region where health care facilities have not been randomized). The facility-based survey included multiple components. The sample of health workers, patient-provider observations and client exit interviews were selected to enable findings from these three components to be linked.

- i. *Facility assessment module (questionnaire F1 – see annex V)*: The facility assessment module sought to collect data on key aspects of facility organization, as well as on functioning and structural aspects of quality of care. The respondents for this module were the individuals in charge of the health facilities at the time when the survey team visited the health facility. The main topics covered by the facility assessment included:
 - Facility staffing, including the staffing complement of the facility, staff on duty at the time of the survey team's visit and staff present at the time of the survey team's visit
 - Facility infrastructure and equipment

- Availability of drugs, consumables and supplies at the health facility
- Supervision
- Record keeping and reporting to the Health Management Information System
- Facility management
- Official user charges at the facility
- Revenues obtained at the health facility, and how revenues have been used

ii. *Health worker interview module (questionnaire F2)*: A random sample of clinical health workers with MNCH service delivery responsibilities at sampled health facilities was interviewed as part of this module. The main themes covered by this module included:

- Role and responsibilities of the interviewed health worker
- Compensation, including delays in salary payments
- Staff satisfaction and motivation
- Technical knowledge on MNCH. The latter was assessed through the use of vignettes. The vignettes focused on services to be purchased under PBF, tailored to the epidemiological profile of Burkina Faso and kept in mind national protocols.

A stratified random sample of 3 health workers was taken at each of the health facilities for all health facilities with less than 4 health workers, all health workers present at the facility were interviewed.

iii. *Community health worker interview module (questionnaire F8)*: As in the Burkina Faso PBF scheme, CHWs play an important role in referring community members with health concerns to health facilities; a stratified random sample of CHW was interviewed as part of this module. The main themes covered by this module included:

- Roles and responsibilities
- Compensation, including delays in salary payments
- Satisfaction and motivation

A random sample of 3 CHW was taken at each of the health facilities. It was decided that for all health facilities with less than 4 CHW, all CHW present at the facility would be interviewed. It needs to be noted that CHW do not work at secondary level health care facilities, so only primary health care facilities are reflected in the successful sample.

iv. *Observations of patient-provider interaction module (Questionnaire F3 and F5)*: While the health worker interview module collected information on what health workers know, the purpose of this module was to gather information on what health workers actually do with their patients. A member of the survey team, therefore, observed consultations with a systematic random sample of patients Under 5 Years Old (U5YO) presenting with a new condition (i.e., not for follow-up visits or routine) and random samples of ANC (ANC) clients. The observer used a structured checklist to document which key processes of clinical care are carried out according to standards and guidelines. In the case of patients under five, the instruments were focused on whether IMCI protocols were followed. For ANC clients, the instruments examined whether key processes of clinical care and patient counseling were

carried out. As primary care facilities did not offer ANC services on all days of the week – typically these are offered 2 days each week – we implemented the ANC observations module in a sub-sample of facilities. We expected that 2 facilities out of every 5 surveyed offered ANC services on the day of the survey team’s visits.

- v. *Patient exit interviews (Questionnaire F4, F6 and F7):* A systematic random sample of 15 patients visiting the facility (5 patients aged under-five and 5 ANC patients, and 5 patients aged 5 and above) was interviewed to assess the patient’s perception of quality of care and satisfaction at all primary care facilities surveyed. If the patient was a child, the child’s caregiver was interviewed. The 5 under-fives included in the patient exit sample were the same 5 children whose consultation with a provider was observed. In addition to this, exit interviews were conducted with all ANC clients whose consultation with a provider was observed.

2.4.2. Household survey

Surveyed households were selected using a two-stage sampling technique. First, clusters were defined in relation to the catchment area of each of the 415 primary health care facilities included in the study. Second, one village was randomly selected within each cluster. Third, 15 households were randomly selected for interview among all households meeting the inclusion criteria in each village. A preliminary numbering procedure enables the identification of all the selected households in the village and the verification of their inclusion criteria; in other words, the procedure allows identification of households with at least one pregnant woman or a woman who gave birth within the last two years.

The instrument (*Questionnaire C1 and C2 – see Annex V*) was administered to women in sampled households who had delivered a baby within the two years preceding the survey. The main themes covered in the household survey included:

- Socio-economic status (the household survey included several modules for SES estimation, including consumption, expenditure, revenues and household assets).
- Health seeking behaviors, barriers to use and health service use
- Household health expenditures
- General perceptions of health service quality health services

In addition, the survey teams:

- i. Conducted Rapid diagnostic Tests (RDT) for malaria for all children under 5 years of age and pregnant women present in the household during the visit,
- ii. Conducted RDTs for anemia for all children under 5 years of age and pregnant and non-pregnant women who had delivered a baby in the preceding 2 years present in the household during the visit, and
- iii. Weighed and measured the height of all children less than 5 years of age present in the household during the survey team’s visit.

Table 5. Data sources for the baseline and follow up household and health facility surveys

Data	Who	Level	Type	Source	Survey Instrument	Frequency	Description of Data
Household survey	Currently pregnant women; Women who have had a child in the 2 years preceding the survey	Household	Quantitative	Primary	Adapted HRITF Household Survey Instrument	Twice: Baseline & Endline	Health service use, health care seeking behaviors and barriers to use for MNCH services, health expenditures, perceptions of health service quality
Household survey	Currently pregnant women, non-pregnant women who have had a child in the 2 years preceding the survey, children under five	Household survey	Anthropometry & biomarkers	Primary	Not applicable	Twice: Baseline & Endline	RDTs for malaria & anemia; Height and weight measurements
Facility assessment	Facility in-charge	Facility	Quantitative	Primary	Adapted HRITF health facility questionnaire	Twice: Baseline & Endline	Facility staffing, infrastructure, drugs supply, equipment, supervision, HMIS reporting and management, user charges, facility revenue
Health worker interviews	Health care workers	Facility	Quantitative	Primary	Adapted HRITF health worker questionnaire	Twice: Baseline & Endline	Staff work load, compensation, motivation, satisfaction and knowledge
CHW Interviews	CHW	Community	Quantitative	Community	To be developed	Twice: Baseline & Endline	Work load, compensation, motivation, satisfaction and knowledge
Patient-provider observation (Under-five & ANC)	First time ANC clients New under-5 patients for curative care	Facility	Quantitative	Primary	Adapted HRITF Health Facility Questionnaire	Twice: Baseline & Endline	Treatment and counseling provided to patients.
Patient exit interviews	First time ANC clients New under-5 patients for curative care New over-5 patients for curative care	Facility	Quantitative	Primary	Adapted HRITF Health Facility Questionnaire	Twice: Baseline & Endline	Patient's (or caretaker's) perception of quality of care and satisfaction

2.5. Data storage, management and access policy

2.5.1. Data storage

Centre Muraz officially transmitted the data on May 20th 2014.

The household survey data was divided into 10 databases: Household_ID, HH_Anthropometry, HH_Births, HH_ComWorkers, HH_Households, HH_Immunization, HH_Individuals, HH_Mortality, HH_Perinatals, HH_Pregnancy, HH_Reproduction and HH_Status.

The health facility data were divided into 11 databases: Health_Facilities_ID, F1_HealthWorkers, F1_Main, F1_UseHF, F1_VisitDate, F2, F3, F4, F5, F6, F7, F8.

The data are stored in Heidelberg according to German regulations. They are divided into 2 files, one with anonymous data and one with identification but with the data removed. The 2 files can be linked using a third file including identification and kept in a different computer, not on the server.

The data sent to the WB were anonymous, following the DDDI (Dublin Data Documentation Analyses).

From the anonymous data files, the following data have been removed:

- Health facility names
- Global Positioning System (GPS) coordinates after transformation into distances
- Villages names
- Names of individuals
- Labels of codes for health facilities

2.5.2. Data access policy

A memorandum of understanding was signed by the 4 partner institutions for the IE: Institute of Public Health, Heidelberg University, World Bank Burkina Faso, PADS and Centre Muraz (see Annex VI).

The different partner institutions and their members are committed to:

- Protect data access and confidentiality,
- Not transmit the data to a person exterior to the project, without a signed agreement and information from the scientific coordinator of the IE (Institute of Public Health) and the World Bank Health Team Task Leader (Burkina Faso).
- Inform scientific coordinator of the IE (Institute of Public Health) and the World Bank Health Team Task Leader (Burkina Faso) of any project analyses, data analyses and scientific papers.

In the event of a person exterior to the project requesting to use the data, a contract for data access and utilization (see document in Annex VI) should be submitted and validated. The person signing it will commit to:

- use the data only in the framework of the project specifically mentioned and defined with title and objective.
- not transmit the data to other persons.
- protect data access and data confidentiality.
- inform the two responsible persons above mentioned of any problem encountered when analyzing the data.
- produce results and publish data only in the case the data source is mentioned and following the authorship rules.

The authorships rules are as follows: Members of the partners institutions, World Bank; Institute of Public Health; Centre Muraz and MoH, are co-authors of the publications and authorships have to be discussed in advance. The names of the involved members of the different institutions are defined based on the function of the topic and implication of the different researchers in the analyses and writing process. The intellectual process which leads to publication includes 4 steps: 1/ design of the survey instruments and sampling procedure, 2/ study implementation, data collection and quality control, 3/ analysis and interpretation of data, 4/ drafting or editing the paper. Anyone who significantly contributed at least two steps by definition is a co-author. First author is the person who coordinates the writing effort and participates in at least one of the other step.

A full version of all published papers or conference presentations will be sent to the 2 responsible persons mentioned above.

2.5.3. Data cleaning

The data cleaning procedure started at the data entry stage, with double entry being done from Monday to Friday and the week-end being used for correction and validation of the double entry from 35 to 49 health facilities a week. The data were then transferred to the data manager every Monday, concatenated and exported to Stata. They were then appended and the correction program was run. The correction program was run in a do file, different aspects were taken into consideration:

- Preparing the database front page: villages and ID coding
- Imputing GPS data and all missing identification data
- Correcting detected errors
- Merging data together
- Checking for duplicates

Health facilities had been weighted by their probability in the sample. First and second level health facilities in the intervention zone (CSPS, CHR & CMA) and second level health facilities in the control zone (CHR & CMA) had a weight equal to 1. First level health facilities in the control zone (CSPS) received a weight equal to the proportion of CSPS in the control zone. Example: if there were 50 health facilities in the district and 5 were selected, the weight was 10%.

The community data was entered in the field using Personal Digital Assistants (PDA). Data were collected from the interviewers once a week.

The correction program had the following objectives:

- Prepare front page for community data,
- Weights for community data: need total number of households in each village,
- Look at missing values
- Add labels for facility names, village names and for codes of health facilities.

An additional data file has been created at the health facility and household level integrating all key identification variables for the health facilities and the households:

- GPS coordinates have been corrected, when one of them was missing or wrong in a household, the coordinates of another household in the same village have been attributed.
- Randomization variable has been created and defined, based on which arm the health facilities were in: T1, T2, T3, T4 and Control as well as information about the type of contract signed with the PBF technical unit (primary or secondary).
- Identification variables have been cleaned and a file has been created putting together all identification variables for the health facilities and the households to be merged with all other tables
- Distances have been calculated using GPS coordinates
- Socio-economic status of households, as well as of individuals, have been computed for the household surveys and the exit interviews based on assets, using the standard Multiple Component Analysis (MCA) method. The following was used to create the wealth index: housing (type of building, number of rooms, water and energy supply), assets (TV, radio, fridge etc), house and fields owned, animals. For missing values of these variables, an imputation of the mode for categorical variables and imputation of the mean for continuous variables were used. The outliers were also removed. Rural and urban areas were taken into account by choosing relevant assets in each area. After calculation of wealth scores for households in urban and rural areas, they were split into quintiles.

In total, there were 448 health facilities and 415 villages, i.e. 6,224 households, included in the survey.

- Region Centre Ouest was removed
- 14 health care facilities in Nouna district were removed, as they were not randomized between T1 and T4. These health facilities could not be randomized as there were already benefiting from CBHI since 2004, so they were automatically put in T4.
- 6 villages were deleted from the database as they were linked to secondary level health facilities (CMA and CHR):

1	CMA DE MANGA	20503
2	CMA DE OUARGAYE	20601
3	CHR DE TENKODOGO	20724
4	CMA DE ZABRE	20803
5	CMA DE ZINIARE	31203
6	CHR DE OUAHIGOUYA	51901

- 18 villages have been deleted as they were not linked to any health facilities:

1	KOULPELOGIN	2050801
2	BOUDOU	2060701
3	NAPIGA	2061601
4	PISSIGA	3106301
5	SILMITENGA	3106401
6	WARRA	3106501
7	TANHIBA	3106601
8	YALGA	3110801
9	GONDEKOUBE	3110901
10	TANGIN-WOBDO	4134401
11	ROM-BANGRIN	5180301
12	RON SIN	5181301
13	MASGORE	5181501
14	POSSO	5182001
15	DOKITA	6210101
16	WAPASSI	6230201
17	FELEWE	1033301
18	KORANI	1033401

- 1 CSPA has been deleted as it could not be found in the randomization list and no village was attached to this health facility:

CM PROTESTANT EUPHRAIM (KAYA)

The difference between health facilities and household numbers can be explained by the following:

- 20 secondary health facilities had no village attached
- 13 primary health facilities had no village attached, they are mainly private health facilities (list below)

KAYA	CSPS DU SECTEUR 1 DE KAYA	31061
	BON SAMARITAIN (KAYA)	31005
	COMPASSION (KAYA)	31009
	IMS KAYA	31019
	CSPS DE FORGUI	31015
OUAHIGOUYA	CSPS POULALLE	31044
	CM PERSIS DE OUAHIGOUYA	51916
	ENSP ² OUAHIGOUYA	51923
	CSPS KONONGA	51930
	CSPS MOGOMBOULI	51936
BATIE	DISPENSARE/MAT	SAINTE 51956
	MARIE (OUAHIGOUYA)	
	KORIBA	62104
	TAMIPAR	62105

2.6. Presentation of indicators

Two sets of indicators were defined, the first referring to utilization: quantity of services provided, the second referring to quality of care.

The coverage indicators reflected the utilization of maternal and child services (antenatal, deliveries, postnatal services, family planning) as well as children services and immunization. They also reflected on equity. The data was collected through the above-mentioned tools.

The quality of care indicators was divided into four dimensions and some examples are given in Table 6. Based on previous research (Bruce, 1990; Hulton et al., 2007), including the work of the study team itself (Conrad et al., 2012; Souares et al., 2009), this study defined quality as the result of the interaction between structural, process, and experiential elements coming together during the provider-patient encounter. Accordingly, we assessed quality along all three dimensions:

- i. Structural elements, i.e. availability of equipment, drugs, staff;
- ii. Process elements, i.e. providers' compliance with national and international standards;

² École Nationale de la Santé Publique

- iii. Experiential elements, i.e. meeting both providers' and clients' expectations on service delivery.

Table 6. Indicators of quality of care

Dimensions of quality	Indicators	Tools used
Input elements (structural and functional)	Availability of materials: in place, functioning and ready accessible (check list) Average availability of health workers Cleanliness of health facility Availability of guidelines Availability of essential drugs (check list) Number and training of staff members Clinical knowledge of service providers	Health facility assessment, Providers interviews
Process elements	Correct management of the patient and diagnosis: task, activity performed according to check list Appropriate cases documentation (facility records, delivery registers, referral forms...) Correct management of childhood diseases Correct management of malaria cases Correct management of tuberculosis cases	Exit interviews, Observation of patients-providers encounters, Assessment of health facility record
Experiential elements	Providers' satisfaction Providers' motivation Patients' experience in the health facility Patients' perception of quality of care Patients' satisfaction	In-depth interviews with providers and patients, Providers questionnaire, Patients questionnaire

The indicators have been divided into seven work packages (WP) and the WP 0, presenting general characteristics:

- WP 0. General characteristics of the facility and household surveys
- WP 1. Maternal health: utilization indicators
- WP 2: Quality of care: maternal and under-five health services
- WP 3. Child health: utilization indicators
- WP 4. Nutrition
- WP 5. Human Resources and Management of Health Care Facilities
- WP 6. Targeting and health insurance
- WP 7. CHW

The key indicators are presented in Table 7 and the full list of indicators is in the Annex II.

Table 7. Key indicators

Indicator N.	Core indicator	Definition
ANC		
1-1	ANC coverage: at least 1 visit	Proportion of women with at least one ANC visit
1-2	ANC coverage: at least 4 visits	Proportion of women with at least four ANC visits
1-3	Timely ANC visit (first visit within 4th month)	Proportion of women with first ANC visit within fourth month of pregnancy
1-16	Intermittent Preventive treatment malaria (IPT)	Proportion of women with completed pregnancy in previous 24 months who received at least 1 dose of malaria IPT
Deliveries		
1-7	Facility-based deliveries	Proportion of deliveries taking place in Health Facilities
Postnatal Care (PNC)		
1-9	PNC Coverage: at least 1 visit	Total number of PNC in a 2 month time period among women with a history of delivery in the previous 24 months
Family planning		
1-12	Contraceptive prevalence rate	Proportion of women reporting use of modern and traditional contraceptive method
1-14	Use of modern family planning methods	Proportion of women of reproductive age (15-49 years) who use modern Family Planning (FP) methods
Basic amenities and general equipment		
2-1	Proportion of facilities with availability of any source of electricity	Proportion of health facilities with a given source of electricity
2-2	Proportion of facilities with availability of any source of water supply	Proportion of health facilities with a given source of water
2-13B	Proportion of facilities with availability of oral amoxicillin (tablet, capsule) stockout in past 30 days	Proportion of health facilities with oral amoxicillin stockout in past 30 days
2-14B	Proportion of facilities with oral cotrimoxazole (tablet) stockout in past 30 days	Proportion of health facilities with oral cotrimoxazol stockout in past 30 days
Correct management of the patient - antenatal and PNC		
2-28	Proportion of all ANC cases receiving iron and folate supplementation	Proportion of observed cases receiving preventive measure
2-29	Proportion of primigravid women receiving tetanus prophylaxis first and second visit ANC cases	Proportion of primigravid women observed 1st and 2nd visit cases receiving preventive measure
2-31	Proportion of all ANC cases receiving counseling on nutrition/ diet during pregnancy	Proportion of observed cases receiving preventive measure
2-32	Proportion of all ANC cases receiving counseling on pregnancy danger signs	Proportion of observed cases receiving preventive measure
2-35	Proportion of all ANC cases receiving counseling on use of Skilled Birth Attendant (SBA) during delivery	Proportion of observed cases receiving preventive measure
2-40	Proportion of all ANC cases undergoing BP screening	Proportion of observed cases receiving screening measure

Availability of materials - maternal health		
2-63B	Proportion of facilities with Oxytocin stockout in past 30 days	Proportion of facilities with oxytocin stockout in past 30 days
2-68	Proportion of facilities with availability of functional BP machine	Proportion of facilities with functional item
Vaccinations and micronutrients		
3-1	Bacille Calmette Guerin (BCG) coverage (%)	Proportion of children who received one dose of BCG and or the polio birth dose
	Polio 0 Immunization coverage (%)	
3-4	Penta 3 Immunization coverage (%)	Proportion of children who received the third dose of Polio and or the third dose of penta vaccine
	Polio 3 Immunization coverage (%)	
3-5	Measles immunization coverage among 1 y.o.(%)	Proportion of children who received one dose of measles vaccine
3-7	Percentage of children fully immunized	Proportion of children 12-23 months who received one dose of BCG, four doses of Oral Polio Vaccine (OPV), three doses of Penta, one dose of measles and one dose of yellow fever vaccines
Cases management		
3-17	Children aged < 5 years with fever who received treatment with any antimalarial (%)	Percentage of children aged <5 years with fever in malaria risk areas being treated with effective antimalarial drugs
Management in health facilities		
4-2	Timely initiation breastfeeding (within the first hour after delivery)	Percentage of newborns put to the breast within one hour of birth; most recent live birth previous 12m
4-4	Exclusively breastfeeding (0-6months)	Proportion of infants 0-5 months of age who are fed exclusively with breast milk
4-6	Growth monitoring 0-59 months	Percentage of children aged between 0 and 59 months who have participated in growth monitoring in the last 6 months
Malnutrition, stunting, wasting		
4-7	Severe stunting 0-59m	Percentage of children 0-59m whose height-for-age Zscore<-3
4-13	Severe acute malnutrition 0-59m	Percentage of children 0-59m whose WHZ<-3
Anemia		
4-14	Children anemia	Percentage of children with detected anemia through blood test during survey
4-15	Children slight anemia	Percentage of children with detected anemia through blood test during survey (Hemoglobin rate between (10-10.9g/dl)
4-16	Children moderate anemia	Percentage of children with detected anemia through blood test during survey (Hemoglobin rate between 7-9.9g/dl)
4-17	Children severe anemia	Percentage of children with detected anemia through blood test during survey (Hemoglobin rate <7g/dl)
4-18	Women anemia	Percentage of women with detected anemia through blood test during survey
4-19	Women slight anemia	Percentage of children with detected anemia through blood test during survey (Hemoglobin rate between (10-10.9g/dl)
4-20	Women moderate anemia	Percentage of children with detected anemia through blood test during survey (Hemoglobin rate: NP* 8-10.9 g/dl; P (7-9.9g/dl)
4-21	Women severe anemia	Percentage of children with detected anemia through blood test during survey (Hemoglobin rate: NP <8g/dl; P <7g/dl)

Human resources: health workers		
5-3	Staff per catchment population	Clinical staff / catchment population
5-4	Caseload	Number of patients in the last month / (Number of clinical staff x Number of days of operation per months)
5-9	Performance evaluation	Proportion of respondents having been evaluated for their performance in the last 12 months among all the clinical staff
5-12	Perceived individual agency	Average combined individual agency scale score (Perceived individual agency: “Degree to which clinical staff feels they can influence and have a certain degree of control over what happens at the facility”)
5-13	Satisfaction with working conditions	Average combined scale score on satisfaction with working conditions scale (overall and satisfaction sub dimensions)
5-15	Presence at work	Proportion of clinical facility staff present on day of facility visit among all clinical facility staff employed on day of facility visit
Awareness of indigents directives		
6-1	Rate of awareness of indigents directives	Proportion of health agents aware of indigents directives among all health agents
6-09	Rate of awareness of full exemption directives regarding delivery of indigent women	Proportion of health agents aware of full exemption directives regarding delivery of indigent women among all health agents
Proportion of population to be exempted		
6-22	Proportion of the population to be fully exempted: share preferring 1%	Number of health workers preferring selection of 1% of the population to be fully exempted
6-23	Proportion of the population to be fully exempted: share preferring 5%	Number of health workers preferring selection of 5% of the population to be fully exempted
6-24	Proportion of the population to be fully exempted: share preferring 10%	Number of health workers preferring selection of 10% of the population to be fully exempted
6-25	Proportion of the population to be fully exempted: share preferring 20%	Number of health workers preferring selection of 20% of the population to be fully exempted
6-26	Proportion of the population to be fully exempted: share preferring 25%	Number of health workers preferring selection of 25% of the population to be fully exempted
Targeted population		
6-46	Best target population for exemption: share mentioning indigents	Number of health workers mentioning indigents as the best potential target for exemption
Human resources: CHW		
7-1	Financial motivation	CHW that receive financial motivation
7-2	Incentives and salary top-up payments	CHW that receive salary top-ups / incentives
7-3a	Workload (during the last month)	Number of contacts with households (last month) in relation to the number of CHW
7-3b		Number of sensitization meetings organized (last month) in relation to the number of CHW
7-3c		Number of children accompanied for treatment at health facilities (last month) in relation to the number of CHW
7-3d		Number of women accompanied to ANC (last month) in relation to the number of CHW
7-3e		Number of women accompanied to delivery in health facilities (last month) in relation to the number of CHW
7-3f		Number of patients for treatment (last month) in relation to the number of CHW

3. Findings of the baseline survey

Contributors to the data analyses presented in this section are (in alphabetical order): Isabelle Agier, Manuela De Allegri, Stephan Brenner, Wulifan K. Joseph, Zahia El Khoury, Jean-Louis Koulidiati, Gerald Leppert, Julia Lohmann, Tabeth Mashayamombe, Hoa Nguyen, Nobila Ouedraogo, Valéry Ridde, Amy Rue Schiener, and Aurélia Souares.

The data presented in this section do not include the Centre Ouest region as well as the 14 non randomized health facilities of the Nouna Health District, as described in the methodology section above (2.2).

The text below summarizes the main findings of the baseline survey, divided by WP, according to the list presented in section 2.6. The key indicators are presented in figures and tables in the text. Balance tables for the key indicators are presented at the end of the section for Boucle du Mouhoun and for the other 4 regions separately.

The complete list of all indicators by WP, with definition as well as numerator and denominator, sources of indicator and questionnaire from the survey used to define it, is presented in Annex II.

The complete tables by WP, key indicator tables, cross tables for all indicators, divided by different sub-topic of the WP, balance tables global, balance tables Boucle du Mouhoun and balance tables for all other region as well as table of key indicators by district, are presented in Annex III.

3.1. Description of the sample (WP0)

- Work package 0 elaborates on the general characteristics of the household and the facility survey.
- 30 indicators were computed.
- The main themes of indicators cover basic health facility indicators from several facility sub-studies, basic household indicators and basic indicators on the individuals in the household survey.
- The study comprises information on 448 health facilities, services and staff in five regions (20 districts and 415 villages) as well as 6,224 households and 33,281 individuals.

3.1.1. General characteristics of the facility survey

In total, 448 health facilities were included in the analysis. Table 8 shows the distribution of the included health facilities by selected background characteristics including the urban-rural location, the region and district, the type of health facility and the intervention arms. The majority of the health facilities included in the analysis are located in rural areas (**indicator 0-2**). Around 97% of them are public health facilities, whereas 93% belong to the primary health care level (**indicators 0-3 to 0-4**).

The distribution of the health facilities by region (**indicator 0-5**) shows that more than half of the facilities are located in two regions: North (29%) and Centre North (27%). The region with the smallest proportion of health facilities is the South West, with 9.6%. At health district level (**indicator 0-6**), Ouahigouya (15%) and Kaya (13%) are the two health districts with the highest proportion of health facilities included in the analysis.

Roughly 76.5% of the facilities were intervention facilities and 23.5% control facilities. The distribution of the health facilities in the different intervention arms was unequal with 35.7% for T1, and 40.6% in T4 for Boucle du Mouhoun region (**indicator 0-7**). For the other regions (**indicator 0-8**), 27.3% are in intervention arm T1, 26.0% in T2, 25.5% in T3. Nurses (42.1%) were the major health worker group working in the 448 health facilities (**indicator 0-10**).

Table 8. General characteristics of the health facilities survey

	Characteristics	%	N
0-1	Number of health facilities included in the survey	n/a	448
0-2	Number of health facilities per location of health facilities		
	<i>Urban</i>	12.7	57
	<i>Rural</i>	87.3	391
0-3	Number of health facilities per type: private/public		
	<i>Private</i>	2.7	12
	<i>Public</i>	97.3	436
0-4	Number of health facilities per level: 1st/2nd/3rd level		
	<i>Primary level (CSPS/CM)</i>	92.9	416
	<i>Secondary level (CMA/CHR)</i>	4.4	20
	<i>Others (Private)</i>	2.7	12
0-5	Number of health facilities per region		
	<i>BOUCLE DU MOUHOUN</i>	19.7	88
	<i>CENTRE-EST</i>	14.7	66
	<i>CENTRE-NORD</i>	27.2	122
	<i>NORD</i>	28.8	129
	<i>SUD-OUEST</i>	9.6	43
0-6	Number of health facilities per district		
	<i>BOROMO</i>	2.6	12
	<i>NOUNA</i>	6.9	31
	<i>SOLENZO</i>	7.5	34
	<i>TOMA</i>	2.4	11
	<i>MANGA</i>	2.2	10

	<i>OUARGAYE</i>	6.2	28
	<i>TENKODOGO</i>	5.3	24
	<i>ZABRE</i>	0.8	4
	<i>BARSALGHO</i>	1.3	6
	<i>KAYA</i>	13.3	60
	<i>KONGOSSI</i>	7.8	35
	<i>ZINIARE</i>	4.6	21
	<i>BOUSSE</i>	3.1	14
	<i>GOURCY</i>	6.7	30
	<i>Ouahigouya</i>	15.4	69
	<i>YAKO</i>	3.5	16
	<i>BATIE</i>	2.6	12
	<i>DANO</i>	1.1	5
	<i>DIEBOUGOU</i>	4.5	20
	<i>GAOUA</i>	1.3	6
0-7	Number of health facilities in each intervention arm (Boucle du Mouhoun)		
	T1	35.7	80
	T4	40.6	91
	Controls	23.7	53
0-8	Number of health facilities in each intervention arm (other four regions)		
	T1	27.3	240
	T2	26.0	228
	T3	25.5	224
	Controls	21.2	186
0-9	Average catchment population per health facility	Mean 8,520.5	Std. Err [95% C.I.] 297.8 [7935.1 - 9105.8]
0-10	Number of clinical staff included in the providers survey	% 100	N 1,209
	<i>Medical doctors</i>	0.3	3
	<i>Nurses</i>	42.1	509
	<i>Midwives</i>	10.7	129
	<i>Assistant midwives</i>	25.2	305
	<i>Agent Itinérants de santé (AIS)</i>	21.8	263
0-11	Total number of children consultations (under 5 years)	n/a	1,716
0-12	Total number of exit interviews (under 5 years)	n/a	1,711
0-13	Total number of antenatal consultations	n/a	1,237
0-14	Total number of exit interviews antenatal consultations	n/a	1,237
0-15	Total number of exit interviews (5 years and above)	n/a	1,785
0-16	Total number of community health workers included in the survey	n/a	1,102

3.1.2. General characteristics of the household survey

Table 9 shows the number and distribution of households included in the analysis by region and wealth status.

Table 9. General characteristics of the household survey

	Characteristics	%	N
0-17	Number of villages included in the survey	n/a	415
0-18	Number of households included in the survey	n/a	6,224
0-19	Number of households per Region		
	<i>Boucle du Mouhoun</i>	20.2	1,258
	<i>Centre-Est</i>	15	931
	<i>Centre-Nord</i>	26.7	1,665
	<i>Nord</i>	29.2	1,815
	<i>Sud-Ouest</i>	8.9	555
0-20	Number of households per wealth quintile		
	<i>Poorest</i>	20.0	1,245
	<i>Second quintile</i>	20.0	1,245
	<i>Middle quintile</i>	20.0	1,245
	<i>Fourth quintile</i>	20.0	1,244
	<i>Least poor</i>	20.0	1,244
0-21	Average Household size	Mean	Std. Err and [95% C.I.]
		5.3	0.03 [5.287-5.408]

Table 10 shows the distribution of respondents included in the analysis by selected background characteristics including gender, particular age groups of interest, marital status, urban-rural residence, education, and religion.

The distribution of respondents by urban-rural residence (**indicator 0-28**) shows that around 93% of the respondents of the household survey live in rural areas. The majority of respondents are Muslims (68.2%) followed by Catholics (17.5%) (**indicator 0-30**). The distribution of respondents by highest level of schooling (**indicator 0-29**) shows that 75.8% of the respondents have never been to school, only 20.1% have some primary education and 4.14% has attained secondary education or more.

Table 10. Individuals characteristics

	Characteristics	%	N
0-22	Number of individuals included in the survey	n/a	33,281
0-23	Gender		
	<i>Male</i>	48.3	16,076
	<i>Female</i>	51.7	17,206
0-24	Number of women in reproductive age (15-49) included in the survey	n/a	7,907
0-25	Number of under 5 years children included in the survey	n/a	9,488
0-26	Number of pregnant women or women with a history of pregnancy in the last 24 months included in the survey	n/a	7,872
0-27	Marital status (individuals >15 years)		
	<i>Never married</i>	15.8	2,654
	<i>Married or living together</i>	82.4	13,815
	<i>Divorced/separated/widowed</i>	1.8	303

0-28	Zone of residence	<i>Urban</i>	7.0	2,318
		<i>Rural</i>	93.0	30,964
0-29	Education level (individuals > 5 years)	<i>No formal education</i>	75.8	17,823
		<i>Primary school</i>	20.1	4,737
		<i>Secondary school</i>	4.1	962
		<i>Tertiary education</i>	0.03	6
0-30	Religion	<i>No religion</i>	1.0	338
		<i>Catholic</i>	17.5	5,813
		<i>Protestant</i>	3.3	1,097
		<i>Muslim</i>	68.2	22,707
		<i>Spiritualist/Traditional</i>	10.0	3,326

3.2. Maternal health indicators (WP1)

- Work package 1 elaborates on maternal health indicators.
- 16 indicators were computed with 6 being considered key indicators.
- The main themes of indicators cover antenatal care, deliveries, post-natal care and family planning.
- While almost full coverage (99.98%) of at least 1 ANC visit (indicator 1-1) is achieved, less than half (45.35%) of the sample utilized 4+ visits (indicator 1-2) and about two third (66.97%) of the sample utilized timely ANC (indicator 1-3). Deliveries in formal health facilities (indicator 1-7) reached 89.88%, while timely PNC services (indicator 1-11) were utilized only by 11.32%.

3.2.1. Antenatal Care (ANC)

3.2.1.1. ANC coverage (indicators 1-1, 1-2 and 1-3):

Receiving ANC (ANC) from skilled attendants is important in order to monitor a pregnancy and reduce the risk of morbidity for the mother and her baby, during pregnancy and delivery. Good ANC serves the following functions:

- i. It helps in early detection and treatment of complications (e.g. anemia and treatment of infections);

- ii. It helps to prevent disease through vaccination and micro nutrient supplementation (e.g. tetanus vaccination and iron supplementation);
- iii. It allows for birth preparedness and complication readiness; and
- iv. It supports health promotion and disease prevention through health messages and counseling directed to pregnant women.

Information on utilization of ANC services is of great value in identifying sub groups of women who do not use services and is useful in planning service improvement reforms. In addition, it needs to be noted that ANC is more beneficial in preventing adverse outcomes when it is sought early in the pregnancy (timely ANC visit – first visit within fourth month of pregnancy) and is continued through to delivery. Ideally, the WHO recommends that a woman without complications should complete at least 4 ANC visits, the first of which should take place within the first trimester/16 weeks. The second visit should be placed between 24 and 28 weeks of pregnancy; the third visit at 32 weeks; and the fourth visit at 36 weeks. Women with complications/special needs, or who have conditions beyond the scope of basic care, require additional visits.

Table 11 (**indicators: 1-1 to 1-3**) presents the percentage distribution of women aged 15-49 who are married/in consensual union and reported a pregnancy in the 24 months preceding the survey. The data shows that almost all recently pregnant women (99.98%) had at least one ANC visit during the course of their last pregnancy. Nearly half of all women (45.35%) completed at least the four recommended ANC visits (Figure 8) while more than two-thirds (66.97%) had their first ANC within the first four months of pregnancy, also as recommended.

We found no statistically significant differences between the intervention and control arms as far as attendance of at least one ANC, 4 ANC visits and timely ANC visit within 4 months are concerned.

Table 11. ANC Coverage

Background characteristics	1.1: ANC coverage: at least 1 visit		1.2: ANC coverage: at least 4 visits		1.3: Timely ANC (first visit within 4th month)	
	%	N	%	N	%	N
Zone of residence						
Urban	100.00	336	49.40	336	67.16	338
Rural	99.98	4,625	45.06	4,625	67.96	4,628
Region						
Boucle du Mouhoun	99.90	1,007	50.15	1,007	66.77	1,008
Centre-Est	100.00	713	59.33	713	78.26	713
Centre-Nord	100.00	1,353	45.16	1,353	79.45	1,353
Nord	100.00	1,448	34.88	1,448	52.00	1,450
Sud-Ouest	100.00	440	46.82	440	70.59	442
Age groups						
15-19	100.00	541	46.95	541	67.53	542
20-24	100.00	1,372	44.31	1,372	68.17	1,373

	25-29	100.00	1,289	44.22	1,289	67.36	1,290
	30-34	99.90	960	47.08	960	69.30	961
	35-39	100.00	527	45.54	527	68.50	527
	40-44	100.00	223	45.29	223	64.13	223
	45-49	100.00	45	51.11	45	64.44	45
Quintile of economic well being							
	<i>Poorest</i>	100.00	955	43.35	955		
	<i>Second quintile</i>	100.00	941	45.16	941	66.21	956
	<i>Middle quintile</i>	99.90	984	44.72	984	66.74	941
	<i>Fourth quintile</i>	100.00	1,005	45.47	1,005	68.02	985
	<i>Least poor</i>	100.00	1,076	47.77	1,076	68.92	1,007
Study zone*						69.36	1,077
Interventions*							
	<i>T1</i>	100.00	1,434	46.30	1,434		
	<i>T2</i>	100.00	966	44.82	966	66.46	1,434
	<i>T3</i>	100.00	985	43.35	985	71.25	967
	<i>T4</i>	99.74	387	50.65	387	68.09	987
	<i>Control</i>	100.00	1,189	44.58	1,189	67.27	388
TOTAL*		99.98	4,961	45.35	4,961	66.97	1,190

3.2.1.2. HIV test after counseling during pregnancy (indicator 1-4):

HIV infection represents an additional risk during pregnancy, due to the possibility of transmission of the virus from mother to baby during pregnancy, delivery, or breastfeeding.

As a strategy to prevent mother-to-child transmission (Prevention of Mother to Child Transmission (PMTCT)), women should be counseled about HIV/AIDs during ANC visits and offered the HIV test. In the survey, women aged 15-49 who had completed a pregnancy in the prior 24 months were asked if they were offered counseling and testing for HIV, as part of the ANC. They were, however, given prior assurance that they would not be asked for the test results during the interview.

Table 12. (**Indicator 1-4**) shows that 54 % of women were counseled and tested during ANC, with rates ranging from 64% in the urban areas to 54% in the rural ones. We detected a positive significant difference for HIV counseling and testing ($p < 0.001$) between the intervention arms (0.519) and control group (0.550).

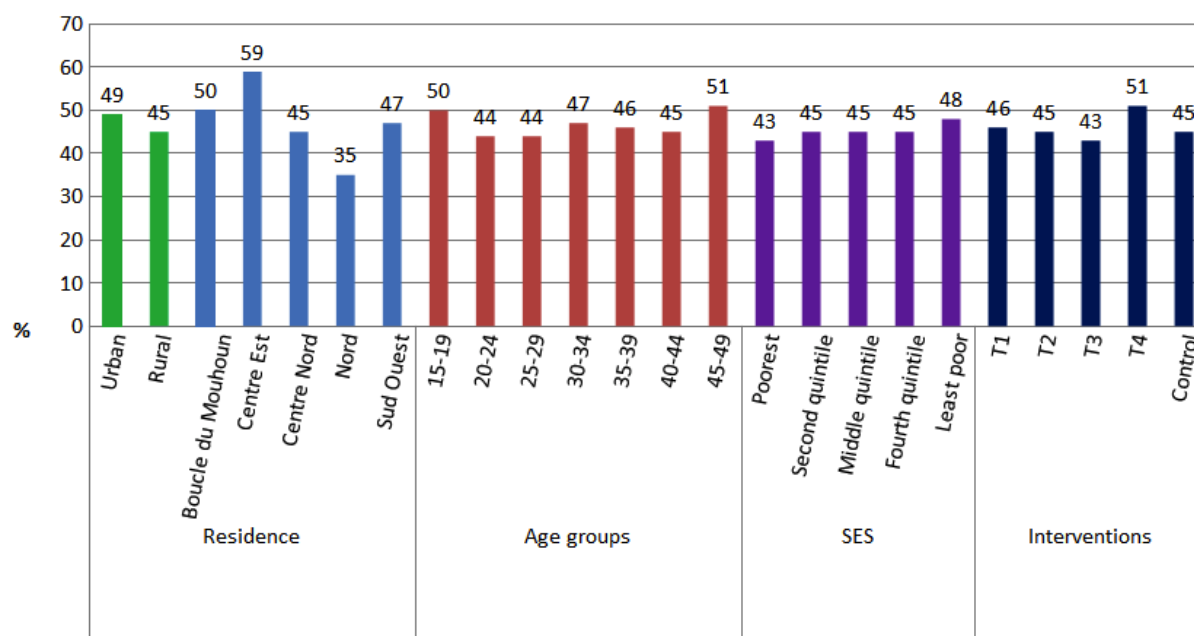


Figure 8. ANC coverage: at least 4 visits

3.2.1.3. Tetanus vaccination (2 doses) during pregnancy (indicator 1-5):

Neonatal tetanus is one of the leading causes of neonatal deaths in limited resource settings, where a proportion of deliveries take place at home or under poor hygienic conditions. The tetanus vaccine is given to a woman during pregnancy to prevent infant deaths through neonatal tetanus. Neonatal tetanus occurs when sterile procedures are not followed in cutting the umbilical cord after delivery. For full protection, a woman needs two doses of tetanus vaccine during pregnancy. If a woman was already immunized before she became pregnant, she may require one or no further dose during pregnancy, depending on the number of injections she has previously received and the timing of the last one. For a woman to have lifetime protection, a total of five doses are required. The Burkina Faso survey collected information on whether a woman with a pregnancy completed in the prior 24 months received at least two doses of tetanus injection. Table 12. (**Indicator 1-5**) shows that 61% received two doses of tetanus injection. Women from Centre-Est region were more likely to have received the tetanus vaccine (78%) compared with their counterparts from Centre-Nord (45%). Women aged 15-19 were more likely to have received the vaccine (75%). We found a negative statistical difference ($p < 0.001$) between the total intervention arms and control group (0.603 verses 0.633).

Table 12. Preventive measures during pregnancy

Background characteristics	1-4: HIV Test after counseling during pregnancy		1-5: Tetanus coverage: at least 2 doses during pregnancy		1-6: 90 days iron supplements during pregnancy	
	%	N	%	N	%	N
Zone of residence						
Urban	63.84	354	59.60	354	59.94	327
Rural	53.52	4,766	61.12	4,766	55.30	4,452
Region						
Boucle du Mouhoun	52.56	1,054	66.70	1,054	46.73	933
Centre-Est	46.38	718	77.99	718	58.88	698
Centre-Nord	57.88	1,377	45.03	1,377	62.41	1,309
Nord	59.91	1,489	61.65	1,489	54.39	1,423
Sud-Ouest	41.70	482	67.01	482	52.88	416
Age groups						
15-19	54.53	563	75.13	563	51.06	517
20-24	52.75	1,416	64.69	1,416	55.63	1,323
25-29	54.26	1,327	56.59	1,327	55.62	1,237
30-34	55.30	991	57.42	991	56.40	929
35-39	55.37	540	57.04	540	54.49	512
40-44	54.98	231	54.98	231	64.79	213
45-49	52.08	48	56.25	48	62.22	45
Quintile of economic well being						
Poorest	48.16	1,003	58.72	1,003	49.39	897
Second quintile	55.12	967	59.46	967	51.54	912
Middle quintile	53.11	1,013	62.29	1,013	55.16	959
Fourth quintile	55.04	1,032	60.47	1,032	58.39	971
Least poor	59.28	1,105	63.80	1,105	62.40	1,040
Study zone*						
<i>Interventions*</i>						
T1	55.53	1,482	61.27	1,482	54.30	1,383
T2	52.98	989	63.30	989	57.51	939
T3	53.40	1,015	54.38	1,015	55.57	970
T4	61.61	409	64.30	409	38.19	343
Control	51.92	1,225	63.27	1,225	60.93	1,144
TOTAL*	54.24	5,120	61.02	5,120	55.62	4,779

3.2.1.4. 90 days iron supplementation during pregnancy (indicator 1-6):

Iron supplementation during pregnancy is important for the following reasons:

- i. The mother needs iron supplements because the amount of blood in the body increases during pregnancy until she has almost 50% more blood than usual, thus iron supplements are required to ensure adequate hemoglobin levels;
- ii. The mother needs extra iron for the growing baby and the placenta, especially during the second and the third trimesters;
- iii. Most women need iron supplements because they often start their pregnancy with insufficient iron storage.

It needs to be noted that iron deficiency anemia during pregnancy is associated with preterm delivery, low birth weight and infant mortality. The survey collected information on women with pregnancies completed in the preceding 24 months who received iron supplementation daily for 90 days. The data show that 56% of recently pregnant women received iron supplementation for at least 90 days. Differences existed between the categories of women and 90 days iron supplement during pregnancy. Women from the poorest group (49%) were less likely to receive the iron supplement compared with their least poor counterparts (62%). Women aged 40-44 were equally more likely (65%) compared with age 15-19 (51%) to receive the iron supplements. We found a negative significant difference ($P < 0.01$) between the total intervention arms (0.539) and the control group (0.609).

3.2.1.5. IPT malaria treatment during pregnancy (indicator 1-16):

Pregnant women are very vulnerable to malaria because their immune systems are suppressed. Malaria can cause anemia, low birth weight and spontaneous abortion. To prevent malaria during pregnancy, women are given IPT treatment (IPT) by administering at least 2 doses of malaria drugs to protect the mother and her child from malaria. IPT is prescribed during routine ANC visits in the second and third trimesters. In the survey, women who completed their pregnancy within the previous 24 months were asked if they had received at least 1 dose of malaria IPT.

The data show that 54% of the respondents received at least 1 dose of the IPT malaria treatment during pregnancy (Table 15). The least poor women (50%) are less likely than women in the middle and fourth quintiles (58%) to receive antimalarial drugs. More pregnant women from Sud-Ouest received the malaria drugs compared with women from Centre-Est (62% versus 46%). There was a positive statistical significance ($p < 0.001$) between the total intervention (0.549) and the control group (0.482).

3.2.2. Delivery and Postnatal Care (PNC)

3.2.2.1. Facility-based delivery (indicator 1-7):

Delivery is the short and critical period of the pregnancy and childbirth continuum, during which complications can result in maternal and neonatal deaths. Even after receiving the best ANC, any delivery can turn out to be complicated and require skilled assistance to manage complications or referral to the next facility level for further procedures to ensure a safe delivery. Following the introduction of targeted interventions, including an 80% subsidy for facility-based delivery, Burkina Faso has experienced a substantial increase in the utilization of facility-based delivery (which represents the Burkinabé option to skilled attendance at delivery).

The data confirms that 90% of deliveries reported in the last 24 months took place in a health facility. Women age 15-19 (92%) deliver in a facility compared to women age 40-44 (83%). Across regions, women in Centre-Est (98%) have more facility deliveries than women in Sud-

Ouest (77%). Women in the least poor category recorded more facility deliveries than women in the poorest group (93% versus 85%). We found a negative statistical significance ($P < 0.001$) between the intervention (0.890) and control groups (0.928) for facility deliveries (Figure 9).

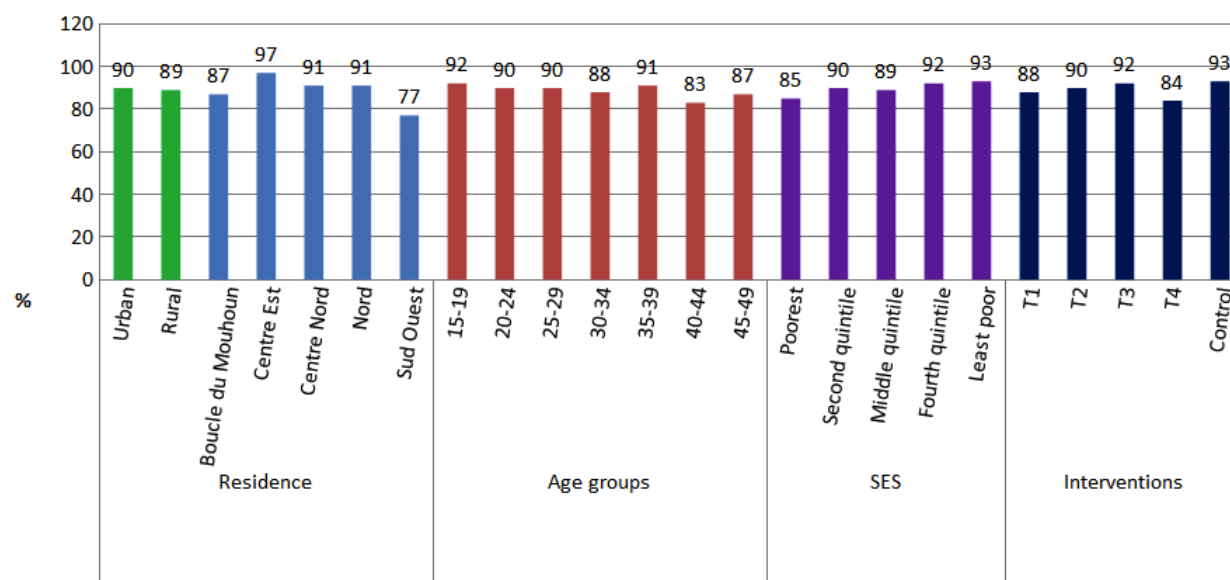


Figure 9. Facility based deliveries

3.2.2.2. C-section rate (indicator 1-8):

A cesarean section, or C-section, is the delivery of a baby through a surgical incision in the mother's abdomen and uterus. In certain circumstances, a C-section is scheduled in advance. In others, it's done in response to an unforeseen complication. Aside from normal facility delivery assistance, C-section during childbirth is important in the birth outcome of the mother and child's health. The skill of the person carrying out the C-section determines whether complications are managed properly and in hygienic condition. Access to C-section is a measure of access to emergency care for childbirth complications. The global estimate of a 5 to 15 percent rate of C-sections is considered adequate in any given population. The denominator used in this calculation was total number of deliveries reported in the previous 24 months.

From the data, the prevalence of C-section was 1% of deliveries in the previous 24 months. C-sections are more common among women in rural settings (1.0%) than their colleagues in urban areas (0.60%). There are regional differences in C-section, with women in Centre-Est and Sud-Ouest (1.30% each) having the greatest access compared to the other regions with women in the Nord having the least (0.70%). We found a positive significant difference ($p > 0.038$) in women accessing C-section between the intervention and control groups.

3.2.2.3. PNC (indicators 1-9, 1-10 and 1-11):

Skilled care for the mother is also important in the days following the birth. Most maternal and neonatal deaths occur during the first 24 hours after delivery. Therefore, a PNC checkup within the first week of delivery is important for ensuring optimal maternal and newborn health. In Burkina Faso, the first PNC checkup is advised within the first 3 days of delivery and subsequent checkups are planned as deemed appropriate by the provider. Women who deliver in health facilities are more likely to have a PNC checkup within the first 2 days compared to women who do not deliver in the health facility.

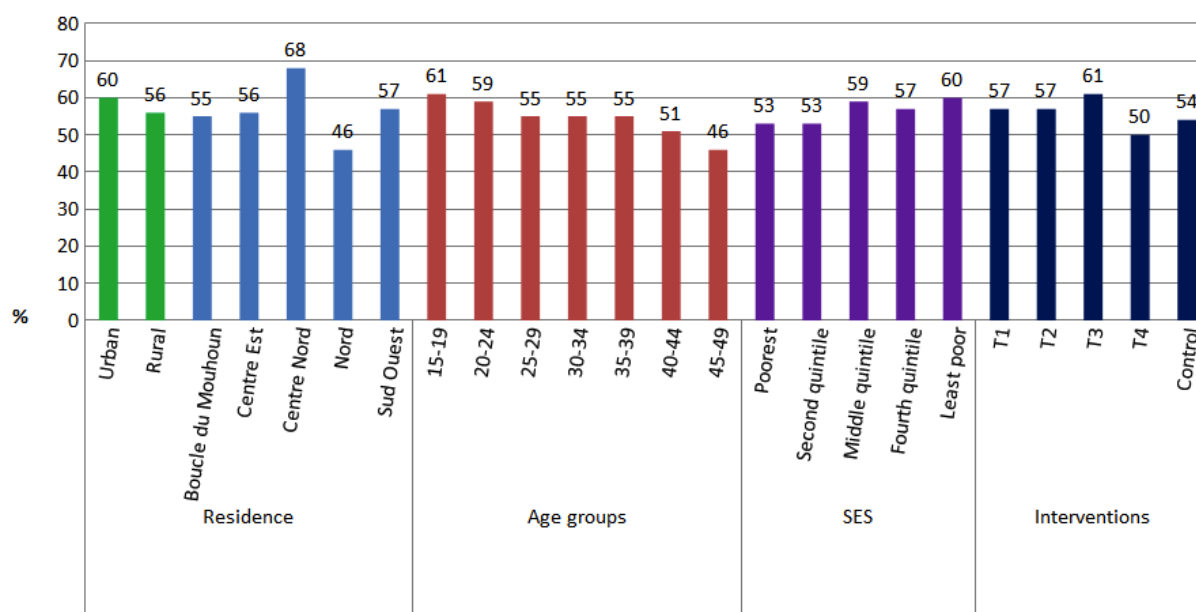


Figure 10. PNC coverage (at least 1 visit)

Newborns born in health facilities should not be sent home in the crucial first 24 hours of life, and postnatal visits should be scheduled. For all home births, a visit to a health facility for PNC as soon as possible after birth is recommended. In high mortality settings, and where access to facility based care is limited, WHO and UNICEF recommend at least two home visits for all home births: the first visit should occur within 24 hours from birth and the second visit on day 3. If possible, a third visit should be made before the end of the first week of life (WHO-UNICEF Joint Statement on Home Visits for Newborn Care).

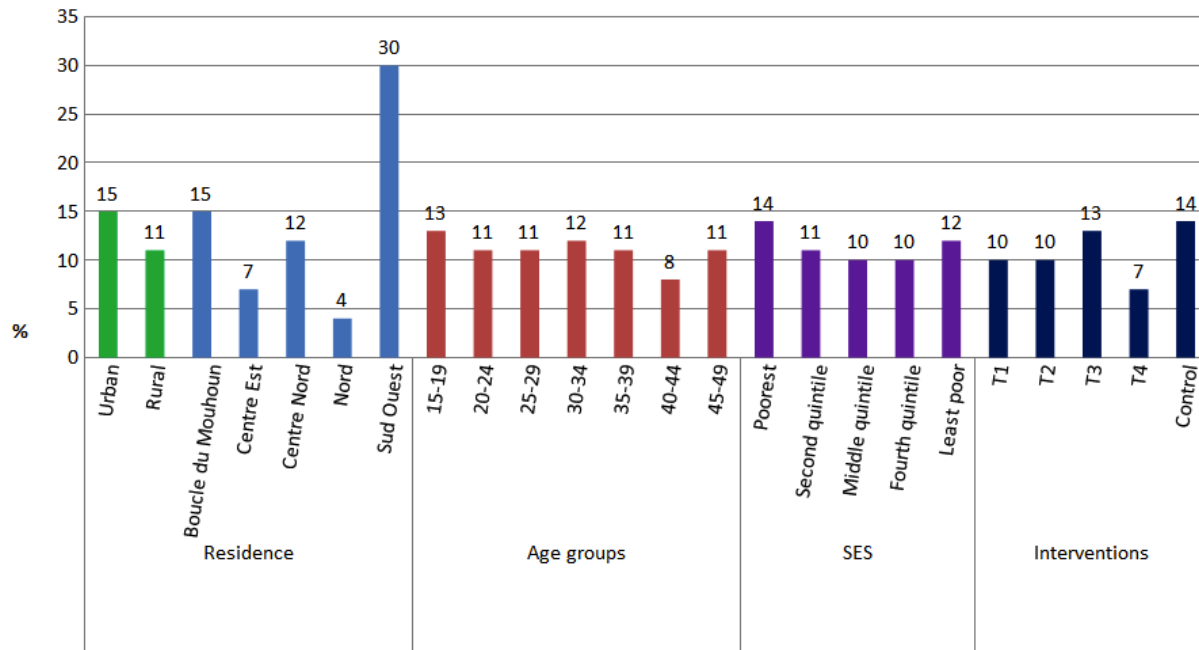


Figure 11. Timely PNC: 1st visit within 6 days of birth

To assess the extent of PNC utilization, women with delivery in the previous 24 months were asked the number of PNC visits they received in the two months directly following the birth. Table 13 (1-9) indicates that 56% of women received at least 1 PNC visit (Figure 10), but only 6.0% of all women received at least three visits. Receiving a timely PNC checkup within the most crucial period (first 6 days after delivery) is very important, as most complications are likely to arise directly after delivery.

Only 11% of all women received their first PNC within 6 days of delivery (Figure 11). The highest regional percentage of women who received PNC for at least 3 times and within the first 6 days after delivery is found in Sud-Ouest (11% and 30%). Women in the poorest category are least likely to record 3 PNC visits (5.0%) but were the majority in accessing PNC within the first 6 days after delivery (14%). Younger mothers (15-19 years) are more likely to access 3 PNC visits (8.0%) compared to older mothers 45-49 years (4.0%). Women in rural settings are least likely to access PNC within the first 6 days compared to their counterparts in urban areas (11% verses 15%). We found positive significance $P < 0.001$ between the intervention and the control groups for at least one PNC visit (0.574 verses 0.536), but a negative significance ($P < 0.001$) for three PNC visits and timely PNC visits within 6 days (0.053 verses 0.075 and 0.106 verses 0.136 respectively).

Table 13. Deliveries and PNC

Background characteristics		1.7: Facility-based deliveries		1.8: C-Section rate		1.9: PNC Coverage (at least 1 visit)		1.10: PNC Coverage: at least 3 visits		1.11: Timely PNC: 1 st visit within 6 days of birth	
		%	N	%	N	%	N	%	N	%	N
Zone of residence											
	<i>Urban</i>	90.26	349	0.57	348	60.06	348	7.76	348	14.66	348
	<i>Rural</i>	89.85	4,731	0.93	4,731	56.19	4,723	5.67	4,723	11.07	4,723
Region											
	<i>Boucle du Mouhoun</i>	87.02	1,048	0.86	1,047	55.30	1,047	8.98	1,047	14.90	1,047
	<i>Centre-Est</i>	97.63	716	1.26	716	55.90	712	7.16	712	7.02	712
	<i>Centre-Nord</i>	91.42	1,364	0.88	1,364	68.45	1,363	5.58	1,363	11.74	1,363
	<i>Nord</i>	90.85	1,476	0.68	1,476	46.24	1,475	1.36	1,475	4.47	1,475
	<i>Sud-Ouest</i>	77.10	476	1.26	476	57.17	474	11.39	474	29.96	474
Age groups											
	<i>15-19</i>	91.94	558	1.97	558	61.04	557	7.54	557	12.93	557
	<i>20-24</i>	90.46	1,405	0.93	1,405	58.73	1,403	5.49	1,403	11.26	1,403
	<i>25-29</i>	90.29	1,318	0.53	1,318	55.35	1,317	5.24	1,317	10.71	1,317
	<i>30-34</i>	88.25	987	0.71	987	54.67	986	6.59	986	12.37	986
	<i>35-39</i>	91.21	535	0.56	534	55.08	532	5.26	532	10.90	532
	<i>40-44</i>	83.26	227	1.32	227	50.88	226	5.31	226	7.96	226
	<i>45-49</i>	86.96	46	4.35	46	45.65	46	4.35	46	10.87	46
Quintile of economic well being											
	<i>Poorest</i>	85.09	999	0.90	999	53.21	996	5.42	996	13.86	996
	<i>Second quintile</i>	90.22	961	0.83	961	52.97	961	6.14	961	10.93	961
	<i>Middle quintile</i>	89.49	1,009	0.59	1,009	59.19	1,007	5.36	1,007	9.93	1,007
	<i>Fourth quintile</i>	91.61	1,025	0.68	1,025	56.68	1,025	6.34	1,025	9.95	1,025
	<i>Least poor</i>	92.73	1,086	1.47	1,085	59.80	1,082	5.82	1,082	11.92	1,082
Study zone*											
<i>Interventions</i>											
	<i>T1</i>	87.60	1,468	0.82	1,468	56.52	1,465	5.46	1,465	10.44	1,465
	<i>T2</i>	90.17	977	1.13	977	57.49	974	6.16	974	9.86	974
	<i>T3</i>	91.65	1,006	1.09	1,006	61.35	1,004	5.08	1,004	12.85	1,004
	<i>T4</i>	84.31	408	0.98	407	50.12	407	2.95	407	7.37	407
<i>Control</i>		92.79	1,221	0.66	1,221	53.64	1,221	7.53	1,221	13.60	1,221
TOTAL*		89.88	5,080	0.91	5,079	56.46	5,071	5.82	5,071	11.32	5,071

3.2.3. Family planning

This section presents findings on contraceptive use, unintended pregnancies (unmet need as measured in pregnant women), modern contraceptive use, and health providers as a source of information for family planning. Family planning information is useful to policy makers, program managers and researchers in family planning, and enables an assessment of the family planning program in Burkina Faso. Family planning services received at family planning clinics are important for the following reasons:

- i. Research indicates that family planning, including planning for delaying and spacing pregnancies, is linked to improved birth outcomes for babies, either directly or through healthy maternal behaviors during pregnancy.
- ii. Contraceptive methods have a range of benefits other than their primary purpose of pregnancy prevention. Contraception reduces pregnancy-related morbidity and mortality, reduces the risk of developing certain reproductive cancers, and can be used to treat many menstrual-related symptoms and disorders.
- iii. In addition to contraception, a range of other beneficial health services is available to clients at family planning clinics. These services include preventing infections, screening for and treating diseases and conditions such as chlamydia, gonorrhea, HIV, HPV and cervical cancer, as well as addressing intimate partner violence, benefit both female and male clients who visit these clinics.
- iv. Because not all women have equal access to the many benefits of contraception and other health services, there is more work to be done in implementing programs and policies that advance contraceptive access and improve health outcomes for all women.

3.2.3.1. Contraceptive prevalence rate (CPR) (indicator 1-12):

Contraceptive prevalence rate (CPR) among women of reproductive age (15-45years) is generally considered the most appropriate measure of success for a family planning program and is defined as the percentage of women in consensual union/married who are currently using contraception to space or limit child birth.

Table 14 (1-12) shows the CPR by residence, region, age and socio-economic status. The overall CPR is 12% implying one in ten married women are currently using some method of contraception. Women in urban areas are more likely to use contraception than their rural counterparts (15% versus 12%). Women among the poorest category are the lowest contraception users (9.0%) compared to those in the least poor category (17%). The region with lowest CPR prevalence is Nord (8.0%). We found a positive significant difference $P < 0.001$ between the intervention and control group in contraceptive use (0.123 versus 0.109).

3.2.3.2. Unmet need for family planning (**indicator 1-13**):

WHO encourages measuring unmet need for family planning to address MDG 5 (Improve maternal health) and Target 5B (Achieve, by 2015, universal access to reproductive health). The indicator is defined as the percentage of women of reproductive age (15-49), either married or in a consensual union, who have an unmet need for family planning. Women with an unmet need for family planning are women who are fecund and sexually active but are not using any method of contraception, and report not wanting any more children or wanting to delay the birth of their next child for at least two years. Included in the numerator are:

- i. All pregnant women (married or in a consensual union) whose pregnancies were unwanted or mistimed at the time of conception;
- ii. All postpartum amenorrheic women (married or in consensual union) who are not using family planning and whose last birth was unwanted or mistimed;
- iii. And all fecund women (married or in consensual union) who are neither pregnant nor postpartum amenorrheic, and who either do not want any more children (want to limit family size), or who wish to postpone the birth of a child for at least two years or do not know when or if they want another child (want to space births), but are not using any contraceptive method.

Excluded in this calculation are:

- i. Infecund women. Infecund women are women who were first married five or more years ago, have not had a birth in the past five years, are not currently pregnant, and have never used any kind of contraceptive method.
- ii. Pregnant and postpartum amenorrheic women who became pregnant unintentionally due to contraceptive method failure and
- iii. Women who self-report that they are infecund, menopausal or have had a hysterectomy (uterus removal), never menstruated, have been postpartum amenorrheic for 5 years or longer, or (for women who are not pregnant or in postpartum amenorrhea) if the last menstrual period occurred more than six months prior to the survey.

Postpartum amenorrheic women are women who have not had a menstrual period since the birth of their last child and their last child was born in the period 0-23 months prior of the survey interview. If their period has not returned and their last child was born 24 months or more prior to the interview, women are considered fecund, unless they fall into one of the infecund categories above. Note that in unmet need for family planning, women are classified as being postpartum amenorrheic if their period had not returned for up to 5 years after the birth of their last child. The methods of contraception considered for the calculation of this indicator include both modern and traditional methods of contraception. For calculating this indicator for

reporting, current contraceptive use includes any method (whether modern or traditional). According to WHO (2012) the formula used is as shown in info-box 2.

Info-box 2. Formula to calculate unmet needs for family planning³

“Unmet need for family planning”	=	<i>“Women 15-49 years (married/ in union) who are not using contraception, are fecund, and desire to either stop/postpone childbearing for at least two years + pregnant women whose current pregnancy was unwanted/mistimed + women in post-partum amenorrhea who are not using contraception and at the time they became pregnant, had wanted to delay or prevent the pregnancy”</i>	x 100
		<i>Total number of women of reproductive age (15-49) who are married or in a consensual union</i>	

For the purpose of this report, we considered current pregnant women (who would have rather not been pregnant) for the calculation of the unmet need. We started by looking at what proportion of currently pregnant women (among all currently pregnant women) indicated either they would have rather not had any more children (unwanted pregnancy/unmet need for limiting) or that they would have rather waited at least 2 or more years before having a child (mistimed pregnancy/unmet need for spacing).

Table 14 (Indicator 1-13) indicates that 18% of the pregnancies were unintended, thus indicating an unmet need for family planning (including both unmet need for spacing and unmet need for limiting) of the same magnitude. Unmet need for pregnant women (unintended pregnancies) is proportionally higher in rural settings (18%) than in urban areas (17%). Women aged 45-49 had higher unmet need (44%) than in young age 20-24 (17%). Women in the middle quintile category had higher unmet need (22%) compared to those in the fourth quintile (13%). We found no significant difference in unmet need for pregnant women between the intervention and control groups ($p > 0.642$).

³ Source: Westoff CF and Ochoa LH, 1991; Westoff CF and Bankole A, 1995

Table 14. Family planing

Background characteristics		1.12: Contraceptive prevalence rate		1-13: Unmet need for family planning**		1-14: Use of modern family planning methods		1-15: Health providers as source of information on family planning	
		%	N	%	N	%	N	%	N
Zone of residence									
	<i>Urban</i>	14.86	552	17.65	68	14.16	551	60.69	552
	<i>Rural</i>	11.77	7,292	18.35	970	10.71	7,284	57.72	7,292
Region									
	<i>Boucle du Mouhoun</i>	13.12	1,471	18.36	207	12.72	1,470	68.66	1,471
	<i>Centre-Est</i>	10.96	1,286	17.4	144	9.88	1,285	57.54	1,286
	<i>Centre-Nord</i>	15.71	2,069	15.09	338	13.08	2,065	55.44	2,069
	<i>Nord</i>	8.10	2,395	20.81	298	7.93	2,395	59.79	2,395
	<i>Sud-Ouest</i>	13.96	623	27.45	51	13.55	620	34.51	623
Age groups									
	<i>15-19</i>	7.79	1,066	18.56	167	7.24	1,64	49.06	1,066
	<i>20-24</i>	11.80	1,966	17.58	273	10.74	1,965	60.33	1,966
	<i>25-29</i>	13.97	1,868	17.74	248	12.72	1,863	60.92	1,868
	<i>30-34</i>	13.68	1,433	17.80	191	12.70	1,433	58.83	1,433
	<i>35-39</i>	12.40	871	19.44	108	11.02	871	60.16	871
	<i>40-44</i>	10.39	462	19.05	42	9.76	461	50.87	462
	<i>45-49</i>	6.78	177	44.44	9	5.65	177	53.11	177
Quintile of economic well being									
	<i>Poorest</i>	8.91	1,369	16.29	178	7.97	1,367	51.72	1,369
	<i>Second quintile</i>	8.82	1,462	19.56	225	7.80	1,461	57.66	1,462
	<i>Middle quintile</i>	10.54	1,566	22.28	202	9.21	1,564	59.00	1,566
	<i>Fourth quintile</i>	13.06	1,699	12.68	213	11.94	1,667	58.78	1,669
	<i>Least poor</i>	17.21	1,778	20.45	220	16.44	1,776	61.19	1,778
Study zone*									
<i>Interventions</i>									
	<i>T1</i>	13.01	2,245	18.01	261	11.83	2,241	60.58	2,245
	<i>T2</i>	12.38	1,624	23.22	211	11.08	1,624	54.31	1,624
	<i>T3</i>	11.58	1,571	13.51	185	10.39	1,569	51.75	1,571
	<i>T4</i>	11.36	581	14.7	129	10.5	831	77.97	581
<i>Control</i>		10.92	1,823	18.77	309	10.16	1,820	56.83	1,823
TOTAL*		11.98	7,844	18.30	1,038	10.95	7,835	57.93	7,844

**The unmet need was computed by calculating the number of currently pregnant women whose current pregnancy was unplanned. This includes both women who would have rather delayed the current pregnancy (unmet need for spacing) or avoided it altogether (unmet need for limiting - not wishing any more children).

3.2.3.3. Modern contraceptive method users (**indicator 1-14**):

Contraceptive methods can be distinguished across modern and traditional methods. Modern methods include female sterilization (bitubal ligation), male sterilization (vasectomy), the pill (oral), IUD, Depo-Provera (injectables), implants (Norplant), emergency contraceptives (oral), diaphragm/cervical cup (barrier), spermicides (foaming tablet/jelly), the male condom, and the female condom (Femidom). Traditional/folk methods include fertility base (symptom awareness), rhythm method/periodic abstinence (calendar base), lactation amenorrhea method (LAM), and withdrawal (coitus interruptus). Those using traditional methods are often referred to, by WHO, as having unmet need because of the high failure rate of such methods (WHO, 2012, Disease prevention and control division, 2000). To assess the distribution across family planning methods, women of reproductive age were asked to specify the method of contraception they were using.

Table 14 (1-14) shows that 11% of women in union/married at the time of the survey were using a modern contraceptive method. Women in urban areas are more modern methods users (14%) compared to women in rural areas (11%). The highest region with modern method users is Sud-Ouest (14%) while Nord is the region with the least modern methods users (8.0%). Women in the poorest category are less modern method users (8.0%) compared to women in the least poor group (16%). There was a positive significant difference ($p < 0.012$) between the intervention (0.112) and control groups (0.102) in modern contraceptive method use.

3.2.3.4. Health provider as source of information for family planning (**indicator 1-15**):

Health providers are expected to act as agents in disseminating information on family planning, since they can also be the ones facilitating access to most modern contraceptive means. To assess the extent to which health providers were, in fact, acting as agents in the dissemination of information on family planning, respondents were asked if they had received any information on family planning from their health provider.

Table 14 (Indicator 1-15) shows that 56% of the women indicated health provider/health facility as a source of information on family planning. Women in urban areas had more family planning information from health provider/facility (61%) compared to their counterparts in rural areas (58%). The region with the least family planning information from health provider/facility is Sud-Ouest (35%) compared to Boucle du Mouhoun (69%). Women in the poorest group had less family planning information from health provider/facility (52%) than those in the least poor category (61%). Health provider/facility as source of information for family planning was positively significant ($P < 0.001$) between the intervention arms (0.583) and the control districts (0.568).

Table 15. IPT of Malaria

Background characteristics		1-16 IPT of Malaria	
		%	N
Zone of residence			
	<i>Urban</i>	49.55	111
	<i>Rural</i>	54.49	1,079
Region			
	<i>Boucle du Mouhoun</i>	60.64	188
	<i>Centre-Est</i>	46.19	236
	<i>Centr- Nord</i>	57.06	347
	<i>Nord</i>	49.15	293
	<i>Sud-Ouest</i>	61.90	126
Age groups			
	<i>15-19</i>	57.08	233
	<i>20-24</i>	54.31	348
	<i>25-29</i>	51.90	289
	<i>30-34</i>	49.72	181
	<i>35-39</i>	57.45	94
	<i>40-44</i>	73.68	19
	<i>45-49</i>	100.00	1
Quintile of economic well being			
	<i>Poorest</i>	53.23	248
	<i>Second quintile</i>	51.49	235
	<i>Middle quintile</i>	57.51	233
	<i>Fourth quintile</i>	57.56	238
	<i>Least poor</i>	50.42	236
Health facility level			
	<i>Primary</i>	54.12	1,177
	<i>Private</i>	46.15	13
Study zone*			
<i>Interventions*</i>			
	<i>T1</i>	53.33	375
	<i>T2</i>	56.57	297
	<i>T3</i>	52.29	262
	<i>T4</i>	63.64	88
<i>Control</i>		48.81	168
TOTAL*		54.03	1,190

3.3. Quality of care: maternal and under-five services (WP2)

- Work package 2 elaborates on the quality of maternal and child health services.
- 163 indicators were computed with 12 being considered key indicators.
- The main themes of indicators cover basic amenities and general equipment at the health facilities, procedures related to the correct management of the patient, the availability of services and materials relevant for maternal and child health services, the number and training of health care facility staff for maternal and child services, as well as measures on patients' satisfaction with services.
- Access to electricity (indicator 2-1) in facilities was measured in 86.1% of facilities, water supply in 90.3% of facilities (indicator 2-2) and a functional BP machine (indicator 2-68) in 97.9% of facilities. 90.7% of ANC cases received iron and folate supplementation (indicator 2-28) and 77.5% received tetanus prophylaxis (indicator 2-29). Counseling on nutrition during pregnancy (indicator 2-31) was reported in 10.2% of cases and counseling on pregnancy danger signs (indicator 2-32) in 46.5% of cases.

3.3.1. Health Facilities' Basic Amenities and General Equipment

3.3.1.1. Basic Amenities and Sanitation for Staff and Patients (**Indicators 2-1, 2-2, 2-3, 2-4, 2-5, 2-6**)

The majority of health facilities surveyed had access to any source of electricity (86%) and water supply (90%) (Figure 12). All private facilities had full access to both amenities. All secondary facilities had access to electricity, while 5% of secondary facilities lacked a water source; 15% and 10% of primary health facilities lacked access to electricity and water, respectively. Whereas the majority of health facilities had functioning toilets/washrooms available for patients and staff to use (97%), only 16% of health facilities could offer separate toilets/washrooms for women and men. In only 61% of facilities a functioning sink with soap was provided for patients and staff for hand washing. Functioning hand-washing utilities were more frequently found in urban (78%), secondary (90%), and private (92%) facilities. Only 40% of facilities provided a dedicated waiting area for patients. Dedicated waiting areas were more common in secondary (45%) and private (42%) facilities. The total frequencies of above items in the study zone samples did not greatly differ from those in the entire sample.

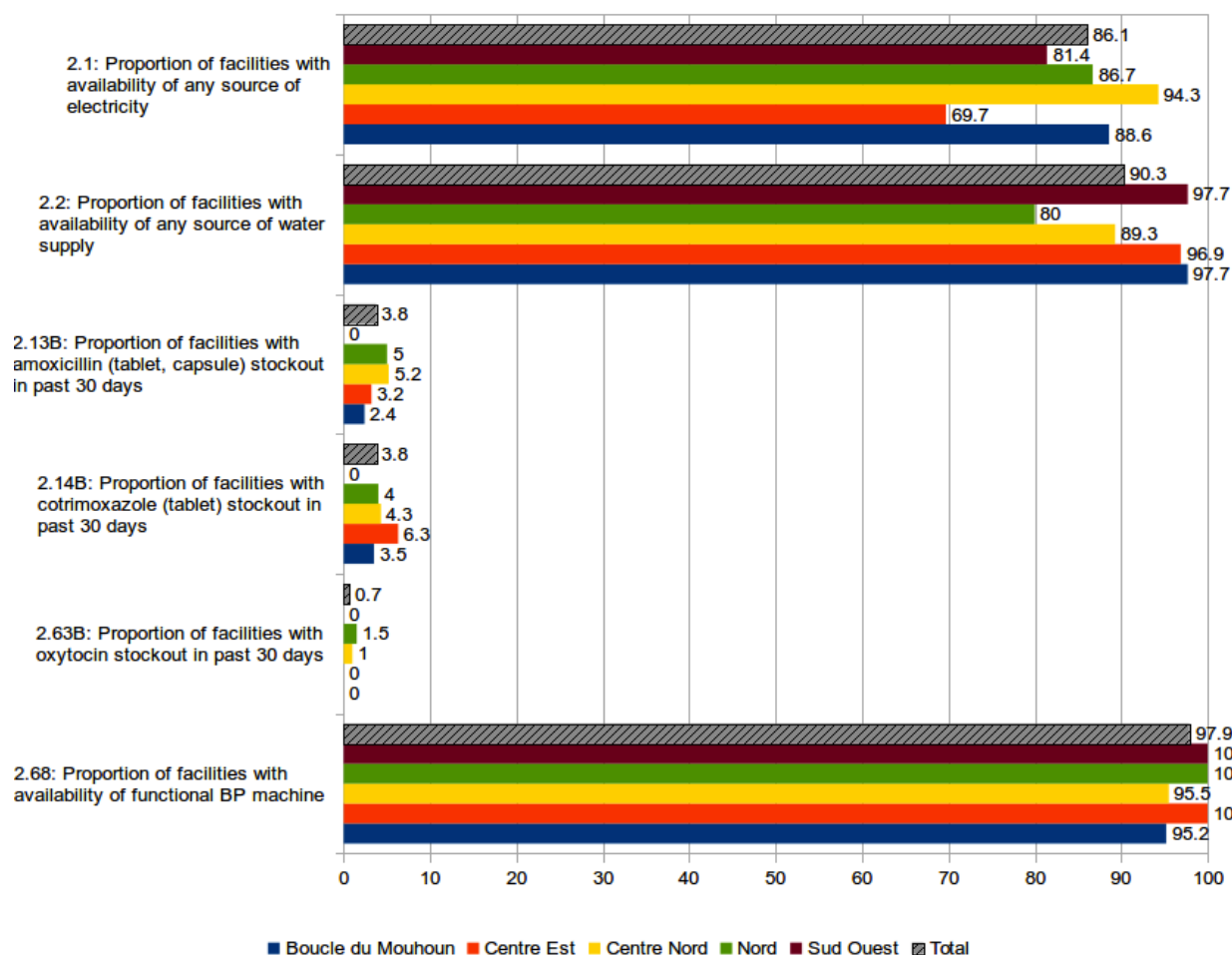


Figure 12. Availability and stockouts of materials at facilities

3.3.1.2. Telecommunication between services and facilities (Indicators 2-7, 2-8)

In almost all health facilities (98%) a functioning landline or mobile phone was available for use to health care workers. Only 3% of facilities had access to radio communication. Radio-based telecommunication was more frequently found in secondary facilities (20%). The total frequencies of above items in the study zone samples did not greatly differ from those in the entire sample.

Table 16. Basic amenities and general equipment (Part I)

Background characteristics	2.1: Proportion of facilities with availability of any source of electricity		2.2: Proportion of facilities with availability of any source of water supply		2.3: Proportion of facilities with availability of functioning toilets/ washrooms		2.4: Proportion of facilities with availability of functioning hand washing unit (water and soap)		2.5: Proportion of facilities with availability of separate toilets / washrooms for men and women		2.6: Proportion of facilities with availability of patient waiting area		2.7: Proportion of facilities with a radio available for tele-communi-cation		2.8: Proportion of facilities with a telephone available for tele-communi-cation	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	96.5	57	93.0	57	96.4	55	78.2	55	21.8	55	34.5	55	11.12	54	94.6	56
Rural	84.6	390	89.9	386	97.1	383	58.5	390	14.7	382	41.0	385	1.6	385	98.5	390
Level of health facility																
Primary	85.1	415	89.8	411	97.3	406	58.7	414	14.6	405	40.0	408	2.0	409	98.1	415
Secondary	100.0	20	95.0	20	95.0	20	89.5	19	30.0	20	45.0	20	20.0	20	100.0	20
Private	100.0	12	100.0	12	91.7	12	91.7	12	25.0	12	41.7	12	0.0	10	90.9	11
Region																
Boucle du Mouhoun	88.6	88	97.7	88	100.0	87	72.7	88	25.3	87	13.8	87	7.0	86	100.0	87
Centre-Est	69.7	66	96.9	65	93.9	66	32.3	65	1.5	66	92.4	66	1.5	65	100.0	66
Centre-Nord	94.3	122	89.3	122	96.7	122	64.8	122	18.9	122	32.8	122	2.5	119	97.5	122
Nord	86.7	128	80.0	125	96.8	126	64.6	127	8.7	126	37.5	128	1.6	127	98.4	128
Sud-Ouest	81.4	43	97.7	43	97.3	37	58.1	43	30.6	36	43.2	37	0.0	42	90.7	43
TOTAL	86.1	447	90.3	443	97.0	438	60.9	445	15.6	437	40.2	440	2.7	439	98.0	446
Study zone*																
Interventions																
T1	88.0	125	91.1	124	95.9	122	68.5	124	14.0	121	36.1	122	0.0	123	99.2	125
T2	85.4	89	86.5	89	96.6	87	53.4	88	13.8	87	52.3	88	0.0	86	97.7	88
T3	84.5	84	86.9	84	98.8	82	55.3	85	14.6	82	45.1	82	3.6	83	94.1	85
T4	82.4	34	97.1	34	100.0	34	73.5	34	32.4	34	8.8	34	6.1	33	100.0	33
Control	84.2	95	92.4	92	96.8	93	52.6	95	10.8	93	40.4	94	3.2	94	98.9	95
TOTAL*	85.5	427	90.1	423	97.1	418	59.6	426	14.9	417	40.0	420	1.9	419	97.9	426

*Hospitals (CHR/CMA excluded)

3.3.1.3. General infection prevention and hygiene (Indicators 2-9, 2-10, 2-11)

In the majority of health facilities the consultation rooms were supplied with items needed to ensure basic hygiene and infection prevention. In 82% of health facilities consultation rooms had hand soap or hand disinfectant available. This was more commonly found in urban (96%), secondary (95%), and private facilities (100%). Non-sterile examination gloves were available in consultation rooms of 85% of facilities, and sterile examination gloves in 80% of facilities. The total frequencies of above items in the study zone sample did not greatly differ from those in the entire sample.

Table 17. Basic amenities and general equipment (Part II)

Background characteristics		2.9: Proportion of facilities with availability of sterile examination gloves in consultation room		2.10: Proportion of facilities with availability of non- sterile gloves in consultation room		2.11: Proportion of facilities with availability of hand soap or sanitizer in consultation room	
Zone of residence		%	N	%	N	%	N
	<i>Urban</i>	71.7	46	72.3	47	95.7	46
	<i>Rural</i>	80.9	383	86.0	379	80.8	381
Level of health facility							
	<i>Primary</i>	80.0	406	85.4	403	81.7	404
	<i>Secondary</i>	75.0	20	70.0	20	95.0	20
	<i>Private</i>	100.0	3	66.7	3	100.0	3
Region							
	<i>Boucle du Mouhoun</i>	92.0	88	95.3	85	81.8	88
	<i>Centre-Est</i>	87.9	66	90.9	66	81.5	65
	<i>Centre-Nord</i>	84.1	113	88.5	113	91.2	113
	<i>Nord</i>	76.0	125	84.0	125	75.0	124
	<i>Sud-Ouest</i>	37.8	37	37.8	37	83.8	37
TOTAL		80.0	429	84.5	426	82.4	427
Study zone*							
<i>Interventions</i>							
	<i>T1</i>	77.3	119	83.1	118	79.8	119
	<i>T2</i>	76.2	84	85.7	84	81.9	83
	<i>T3</i>	79.7	79	81.3	80	79.5	78
	<i>T4</i>	88.2	34	96.9	32	70.6	34
<i>Control</i>		84.9	93	87.0	92	90.3	93
TOTAL*		80.2	409	85.2	406	81.8	407

*Hospitals (CHR/CMA excluded)

3.3.1.4. Stock of essential medicines for fever and infection (**Indicators 2-12, 2-13B, 2-14B**)

NOTE: information on the following indicators was only available for about or less than 80% of the health facility sample.

Table 18. Basic amenities and general equipment (Part III)

Background characteristics		2.12A:		2.12B:		2.13A:		2.13B:		2.14A:		2.14B:	
		Proportion of facilities with at least one unit of paracetamol (tablet)		Proportion of facilities with paracetamol (tablet) stockout in past 30 days		Proportion of facilities with at least one unit of amoxicillin (tablet, capsule)		Proportion of facilities with amoxicillin (tablet, capsule) stockout in past 30 days		Proportion of facilities with at least one unit of cotrimoxazole (tablet)		Proportion of facilities with cotrimoxazole (tablet) stockout in past 30 days	
Zone of residence		%	N	%	N	%	N	%	N	%	N	%	N
	<i>Urban</i>	100	47	2.3	44	100	47	0	44	100	46	0	43
	<i>Rural</i>	99.4	342	1.5	326	94.8	343	4.4	320	95.6	344	4.4	321
Level of health facility													
	<i>Primary</i>	99.5	365	1.7	346	95.6	366	4.1	342	95.9	366	4.1	340
	<i>Secondary</i>	100	16	0	16	93.8	16	0	15	100	16	0	16
	<i>Private</i>	100	8	0	8	87.5	8	0	7	100	8	0	8
Region													
	<i>Boucle du Mouhoun</i>	98.8	86	2.3	86	95.3	86	2.4	84	95.3	85	3.5	85
	<i>Centre-Est</i>	100	33	0	32	93.9	33	3.2	31	93.9	33	6.3	32
	<i>Centre-Nord</i>	99.2	118	0.8	118	93.2	117	5.2	115	93.3	119	4.3	115
	<i>Nord</i>	100	118	2	100	97.5	119	5	101	99.2	119	4	99
	<i>Sud-Ouest</i>	100	34	2.9	34	97.1	35	0	33	100	34	0	33
TOTAL		99.5	389	1.6	370	95.4	390	3.8	364	96.2	390	3.8	364
Study zone*													
<i>Interventions</i>													
	<i>T1</i>	100	112	1	103	95.5	112	3	101	93.7	111	5	101
	<i>T2</i>	100	71	2.9	68	95.9	73	5.9	68	93.2	73	9.1	66
	<i>T3</i>	98.7	75	1.5	67	97.3	74	6	67	97.3	75	3	66
	<i>T4</i>	100	34	2.9	34	100	34	0	34	100	33	0	34
	<i>Control</i>	98.8	81	1.2	82	91.4	81	3.8	79	98.8	82	1.2	81
TOTAL*		99.5	373	1.7	354	95.5	374	4	349	96	374	4	348

*Hospitals (CHR/CMA excluded)

Sufficient stock of medications for the purpose of this survey was considered if at least one unit of a medication was found stored for use in patient care at a facility's dispensary or pharmacy. Almost all health facilities (>99%) had paracetamol for fever or pain control readily stocked in their dispensaries/pharmacies. Stock outs for paracetamol tablets in the past 30 days prior to survey date occurred only in about 2% of facilities and exclusively in primary level health centers. Paracetamol stock outs were more frequent in facilities of the Sud-Ouest region, and of the T2 and T4 study zones. In terms of commonly used oral antibiotics, oral amoxicillin and oral cotrimoxazole were readily stocked in 95% and 96% of facilities, respectively. Stock outs of both oral amoxicillin and cotrimoxazole were occurred in about 4% of facilities and also exclusively in rural, primary level health centers. Amoxicillin stock outs were most frequent in Centre-Nord and Nord regions and in T2 and T3 study zones, whereas cotrimoxazole stock outs were most frequently observed in Centre-Est region and in T1 and T2 study zones. The total frequencies of above items in the study zone samples did not greatly differ from those in the entire sample.

3.3.1.5. Stock of essential medicines for malaria (**Indicators 2-15, 2-16, 2-17, 2-18, 2-19**)

NOTE: information on the following indicators was only available for about or less than 80% of the health facility sample.

Sufficient stock of medications for the purpose of this survey was considered if at least one unit of a medication was found stored for use in patient care at a facility's dispensary or pharmacy. Whereas the majority of facilities had sufficient stocks of oral (97%) and injectable (99%) quinine, as well as artemisinin combination preparations in tablet form (98%) available for treatment of severe or mild malaria, only few facilities (23%) stocked artemisinin combination preparations as syrup for outpatient treatment of infants. Whereas the syrup formula was available in 50% of private facilities, it was hardly found in stock in secondary facilities (8%). Stock outs of artemisinin tablets in the past 30 days prior to survey date occurred only in less than 1% of facilities and exclusively in rural, primary level health centers of the T2 study zone. Stock outs of oral quinine occurred in about 4% and of injectable quinine occurred in about 1% of facilities. While injectable quinine stock outs occurred exclusively in rural, primary level health centers of study zones T2 and T3, stock outs of oral quinine were most frequently observed in private health facilities. Sulfadoxin/Pyrimethamin, currently recommended for prevention of malaria in pregnancy was sufficiently stocked in only 46% of facilities. The total frequencies of above items in the study zone samples did not greatly differ from those in the entire sample.

Table 19. Basic amenities and general equipment (Part IV)

Background characteristics	2.15A: Proportion of facilities with at least one unit of quinine (tablet)		2.15B: Proportion of facilities with quinine (tablet) stockout in past 30 days		2.16A: Proportion of facilities with at least one unit of quinine (injectable)		2.16A: Proportion of facilities with quinine (injectable) stockout in past 30 days		2.17A: Proportion of facilities with at least one unit of artemisinin combination (tablet)		2.17B: Proportion of facilities with artemisinin combination (tablet) stockout in past 30 days		2.18A: Proportion of facilities with at least one unit of artemisinin combination (syrup)		2.19A: Proportion of facilities with at least one unit of sulfadoxin pyrimethamine	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	95.6	45	5	40	100	44	0	39	100	44	0	40	32.4	37	44.4	36
Rural	96.8	345	3.5	316	98.8	345	1.3	319	98.3	343	0.3	315	21.7	235	45.6	263
Level of health facility																
Primary	96.7	367	3.6	333	98.9	366	1.2	335	98.4	364	0.3	332	23.3	253	46	278
Secondary	100	15	0	15	100	15	0	15	100	15	0	15	7.7	13	38.5	13
Private	87.5	8	12.5	8	100	8	0	8	100	8	0	8	50	6	37.5	8
Region																
Boucle du Mouhoun	95.3	86	3.6	83	100	86	0	86	100	86	0	86	4.7	86	78.8	85
Centre-Est	90.9	33	9.7	31	100	33	0	32	97	33	0	31	0	31	9.4	32
Centre-Nord	96.6	119	2.6	116	98.3	119	0.9	117	95.8	119	0	113	50.6	81	25.8	93
Nord	98.3	119	3.1	97	99.2	118	1	96	100	119	0	99	30.8	52	59.4	69
Sud-Ouest	100	33	3.4	29	97	33	7.4	27	100	30	3.8	26	9.1	22	5	20
TOTAL	96.7	390	3.7	356	99	389	1.1	358	98.4	387	0.3	355	23.2	272	45.5	299
Study zone*																
Interventions																
T1	94.6	111	5.1	99	100	111	0	101	99.1	110	0	101	22.5	71	57.3	75
T2	98.6	73	4.6	65	97.3	73	4.8	63	97.2	72	1.6	62	23.8	42	22.4	49
T3	96	75	4.7	64	98.6	74	1.6	64	100	75	0	65	36.2	47	25	52
T4	100	34	5.9	34	100	34	0	34	100	34	0	34	2.9	34	87.9	33
Control	96.3	82	0	79	98.8	82	0	81	96.3	81	0	78	27.7	65	45.5	77
TOTAL*	96.5	375	3.8	341	98.9	374	1.2	343	98.4	372	0.3	340	23.9	259	45.8	286

*Hospitals (CHR/CMA excluded)

3.3.1.6. Stock of essential medicines for tuberculosis (Indicators 2.20, 2-21, 2-22)

NOTE: information on the following indicators was only available for about or less than 55% of the health facility sample.

Table 20. Basic amenities and general equipment (Part V)

Background characteristics	2.20A:		2.21A:		2.22:	
	Proportion of facilities with at least one unit of rifampicin		Proportion of facilities with at least one unit of streptomycin		Proportion of facilities with at least one unit of isoniazid	
Zone of residence	%	N	%	N	%	N
Urban	35.5	31	25.8	31	32.3	31
Rural	27.5	229	8.4	214	20.6	223
Level of health facility						
Primary	28	243	8.8	228	21.1	237
Secondary	54.5	11	54.5	11	54.5	11
Private	0	6	0	6	0	6
Region						
Boucle du Mouhoun	32.9	82	12.2	82	30.5	82
Centre-Est	0	31	0	31	0	31
Centre-Nord	38	92	13.9	79	23.3	86
Nord	20.6	34	6.3	32	20.6	34
Sud-Ouest	23.8	21	14.3	21	19	21
TOTAL	28.5	260	10.6	245	22	254
Study zone*						
Interventions						
T1	37.3	67	11.3	62	29.7	64
T2	20.9	43	5.1	39	11.9	42
T3	14.9	47	6.7	45	11.1	45
T4	33.3	33	12.1	33	33.3	33
Control	27.1	59	7.3	55	16.9	59
TOTAL*	27.3	249	8.5	234	20.6	243

*Hospitals (CHR/CMA excluded)

Sufficient stock of medications for the purpose of this survey was considered if at least one unit of a medication was found stored for use in patient care at a facility's dispensary or pharmacy. The assessment of tuberculosis medications listed here does not include any combination preparations. Tuberculosis medications were not commonly stocked in the surveyed health facilities. Rifampicin was found in stock in 29%, streptomycin in 11%, and isoniazid in 22% of facilities. Almost half of secondary facilities had all three of these antibiotics in stock. The total

frequencies of above items in the study zone samples did not greatly differ from those in the entire sample.

3.3.1.7. Equipment to sterilize instruments (**Indicators 2-23, 2-24, 2-25, 2-26, 2-27**)

Assuming facilities do not use more than one sterilization device, about 95% of health facilities had a functional apparatus for instrument sterilization available.

Table 21. Basic amenities and general equipment (Part VI)

Background characteristics	2.23:		2.24:		2.25:		2.26:		2.27:	
	Proportion of facilities with available electric autoclave		Proportion of facilities with available non-electric autoclave		Proportion of facilities with available sterilizer		Proportion of facilities with available electric steamer (wet heat)		Proportion of facilities with available non-electric steamer (wet heat)	
Zone of residence	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	37.7	53	9.4	53	11.3	53	5.7	53	28.3	53
<i>Rural</i>	1.9	368	6.3	368	0.3	368	3.3	368	82.7	371
Level of health facility										
<i>Primary</i>	3.1	392	6.9	392	0.5	392	3.6	392	80	395
<i>Secondary</i>	70	20	0	20	25	20	5	20	15	20
<i>Private</i>	11.1	9	11.1	9	0	9	0	9	33.3	9
Region										
<i>Boucle du Mouhoun</i>	11.5	87	20.7	87	2.3	87	3.4	87	64.4	97
<i>Centre-Est</i>	3.1	64	0	64	1.6	64	3.1	64	81.3	64
<i>Centre-Nord</i>	4.5	112	5.4	112	0	112	0.9	112	77.7	112
<i>Nord</i>	4.1	121	2.5	121	1.7	121	3.3	121	78.9	123
<i>Sud-Ouest</i>	13.5	37	2.7	37	5.4	37	13.5	37	78.9	38
TOTAL	6.4	421	6.7	421	1.7	421	3.6	421	75.9	424
Study zone*										
<i>Interventions</i>										
<i>T1</i>	3.4	118	9.3	118	0	118	4.2	118	77.3	119
<i>T2</i>	3.5	85	3.5	85	1.2	85	4.7	85	85.9	85
<i>T3</i>	2.6	77	1.3	77	1.3	77	1.3	77	84.8	79
<i>T4</i>	5.9	34	29.4	34	0	34	0	34	70.6	34
<i>Control</i>	2.3	87	3.4	87	0	87	4.6	87	72.4	87
TOTAL*	3.2	401	7	401	0.5	401	3.5	401	79	404

*Hospitals (CHR/CMA excluded)

The most common form of sterilization in rural (83%) and primary (80%) facilities was non-electric wet heat steamers. The most common form of sterilization in urban (33%) and secondary (70%) facilities was electric autoclaves.

3.3.2. ANC Patient Management

3.3.2.1. ANC routine care preventive treatments (Indicators 2-28, 2-29, 2-30):

Whereas routine prevention of iron and folate deficiencies through administration of ferrous sulphate/folate was routinely observed in most ANC cases (91%), routine prevention of malaria and tetanus in indicated ANC cases was only inconsistently performed (45% and 78% respectively).

Table 22. Correct patient management - ANC (Part I)

Background characteristics		2.28: Proportion of all ANC cases receiving iron and folate supplementation		2.29: Proportion of primigravid women receiving tetanus prophylaxis first and second visit ANC cases		2.30: Proportion of third trimester ANC cases receiving malaria prophylaxis (IPTp)	
Zone of residence		%	N	%	N	%	N
Urban		88.5	139	63.3	30	47.6	84
Rural		91.0	1,089	80.4	143	44.4	601
Level of health facility							
Primary		91.1	1,187	77.9	163	44.6	659
Secondary		81.5	27	50.0	6	50.0	16
Private		78.6	14	100.0	4	50.0	10
Region							
Boucle du Mouhoun		92.9	198	70.0	20	56.0	116
Centre-Est		85.1	241	84.6	39	34.9	129
Centre-Nord		89.3	365	85.7	49	42.3	196
Nord		92.1	291	68.2	44	41.3	179
Sud-Ouest		98.5	133	71.4	21	61.5	65
TOTAL		90.7	1,228	77.5	173	44.8	685
Study zone*							
Interventions							
T1		94.5	383	82.7	52	46.3	201
T2		89.0	299	79.2	48	49.1	167
T3		90.0	261	76.3	38	38.5	148
T4		85.7	91	55.6	9	53.2	47
Control		90.4	167	80.0	20	39.6	106
TOTAL*		90.9	1,201	78.4	167	44.7	669

Further analysis will be needed to determine the underlying causes (lack of knowledge, lack of medical supplies as indicated above, or enforcement of clinical standards). The total frequencies

of above clinical processes in the study zone sample did not greatly differ from those in the entire sample.

3.3.2.2. ANC routine care preventive counseling (Indicators 2-31, 2-32, 2-33,2-34, 2-35, 2-36, 2-37):

Overall, in the majority of observed cases women did not receive sufficient counseling on preventive aspects related to negative pregnancy outcomes. More specifically, advice on pregnancy-related danger signs and emergency preparedness plans were the most commonly observed counseling topics. However, the overall frequency of these two topics was already low with 47% and 39% of cases. Advice on nutrition/diet during pregnancy and postpartum family planning was least frequently observed in 10% and 4% of cases. Other counseling topics observed included advice on delivering in the presence of a Skilled Birth Attendant (SBA) (27%), on the place of delivery (18%), and on general birth preparedness (16%). The total frequencies of above clinical processes in the study zone samples did not greatly differ from those in the entire sample (Figure 13).

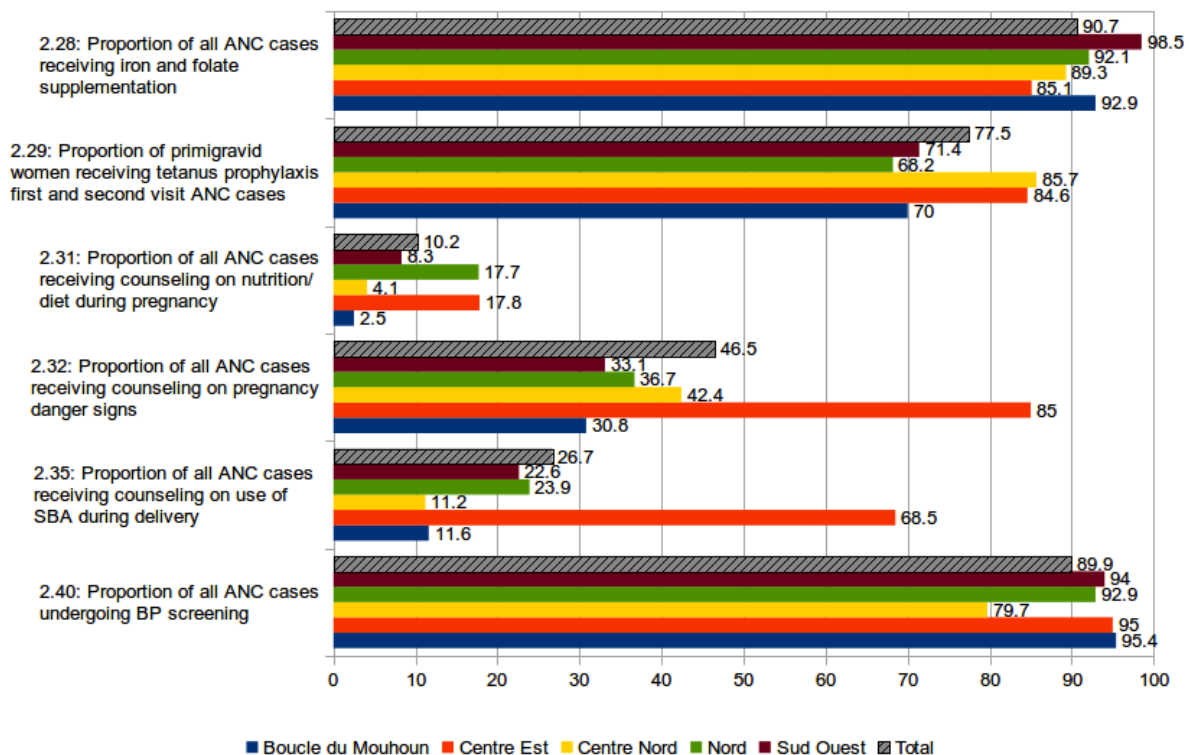


Figure 13. Key indicators of ANC

Table 23. Correct patient management - ANC (Part II)

Background characteristics	2.31: Proportion of all ANC cases receiving counselling on nutrition/ diet during pregnancy		2.32: Proportion of all ANC cases receiving counselling on pregnancy danger signs		2.33: Proportion of all ANC cases receiving counselling on postpartum family planning		2.34: Proportion of all ANC cases receiving counselling on place of delivery		2.35: Proportion of all ANC cases receiving counselling on use of SBA during delivery		2.36: Proportion of all ANC cases receiving counselling on birth preparedness plan		2.37: Proportion of all ANC cases receiving counselling on emergency preparedness plan	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	7.2	138	37.4	139	0.7	138	24.5	139	23.7	139	12.9	139	38.8	139
Rural	10.6	1,092	47.7	1,089	4.4	1,052	17	1,093	27.1	1,091	16.4	1,091	39	1,094
Level of health facility														
Primary	10.1	1,189	47	1,187	4.1	1,150	16.8	1,191	26.3	1,189	16.1	1,189	38.7	1,192
Secondary	0	27	25.9	27	0	26	4.4	27	40.7	27	18.5	27	51.9	27
Private	42.9	14	42.9	14	0	14	57.1	14	35.7	14	0	14	42.9	14
Region														
Boucle du Mouhoun	2.5	198	30.8	198	1.6	192	7.6	198	11.6	198	9.6	198	12.1	198
Centre-Est	17.8	241	85	240	2.3	222	24.1	241	68.5	241	26.1	241	83.4	241
Centre-Nord	4.1	365	42.4	363	1.6	365	22.4	366	11.2	365	18.1	365	39.7	368
Nord	17.7	294	36.7	294	5.7	283	16	294	23.9	293	16.4	293	29.4	293
Sud-Ouest	8.3	132	33.1	133	13.3	128	13.5	133	22.6	133	0.8	133	15	133
Total	10.2	1,230	46.5	1,228	3.9	1,190	17.9	1,232	26.7	1,230	16	1,230	39	1,233
Study zone*														
Interventions														
T1	12.5	384	53.4	384	2.8	360	16.1	384	23.5	383	16.2	383	39.7	385
T2	12.8	298	50.8	297	5.5	291	16.1	299	31.1	299	17.1	299	45.8	299
T3	9.1	263	45.8	262	2.7	261	23.5	264	31.2	263	19.4	263	45.1	264
T4	2.2	91	34.1	91	2.2	91	4.4	91	4.4	91	9.9	91	9.9	91
Control	8.4	167	34.1	167	7.5	161	19.2	167	29.3	167	11.4	167	29.3	167
Total*	10.5	1,203	47	1,201	4	1,164	17.3	1,205	26.4	1,203	16	1,203	38.7	1,206

3.3.2.3. ANC routine care screening for clinical signs (**Indicators 2-38, 2-39, 2-40, 2-41, 2-43**):

Overall, only few of recommended screening tests were observed to be routinely offered to pregnant women by health care providers during ANC. Routine screening of a pregnant woman's blood pressure and weight were very frequently observed to be performed in 90% and 97% of cases. The least commonly offered test was syphilis screening in only 9% of cases. This might be due to lack of equipment and supplies and will require further analysis. Other screening tests observed to be offered included voluntary counseling and treatment for HIV (68%) and urine protein checks (54%). The total frequencies of above clinical processes in the study zone sample did not greatly differ from those in the entire sample.

Table 24. Correct patient management - ANC (Part III)

Background characteristics	2.38: Proportion of first visit ANC cases having been offered HIV screening (VCT)		2.39: Proportion of first visit ANC cases having been offered syphilis screening		2.40: Proportion of all ANC cases undergoing BP screening		2.41: Proportion of all ANC cases undergoing weight check		2-43: Proportion of first visit ANC cases undergoing urine protein screening	
Zone of residence	%	N	%	N	%	N	%	N	%	N
Urban	86.0	50	49.0	49	89.8	137	94.2	139	72.9	48
Rural	66.0	373	3.7	374	89.9	1,093	97.0	1,096	51.0	367
Level of health facility										
Primary	67.2	406	6.7	405	90.3	1,189	96.8	1,193	52.8	398
Secondary	100.0	15	60.0	15	84.6	26	92.6	27	73.3	15
Private	50.0	2	66.7	3	66.7	15	93.3	15	50.0	2
Region										
Boucle du Mouhoun	51.6	64	0.0	63	95.4	197	99.0	198	44.4	63
Centre-Est	54.4	68	8.8	68	95.0	241	97.1	240	50.7	67
Centre-Nord	73.2	142	11.2	143	79.7	364	93.0	369	42.3	137
Nord	71.7	92	13.0	92	92.9	295	98.6	295	59.3	91
Sud-Ouest	86.0	57	7.0	57	94.0	133	98.5	133	84.2	57
TOTAL	68.3	423	9.0	423	89.9	1,230	96.7	1,235	53.5	415
Study zone*										
Interventions										
T1	73.3	135	7.5	134	94.3	385	99.0	387	51.9	131
T2	64.0	111	5.4	111	84.8	296	96.6	298	48.6	109
T3	64.5	76	13.0	77	83.8	265	93.6	265	60.8	74
T4	54.1	37	0.0	37	98.6	91	97.8	91	54.1	37
Control	71.4	49	6.1	49	96.4	167	96.4	167	51.0	49
TOTAL*	67.2	408	7.1	408	90.0	1,204	96.8	1,208	52.8	400

3.3.2.4. ANC routine care screening for clinical symptoms (Indicators 2-44, 2-45, 2-46, 2-47, 2-48):

Overall, only health care providers routinely assessed few recommended symptoms predicting a woman's risk for pregnancy-related complications during ANC. Routine assessment of a woman's gravidity status was most frequently observed in 88% of cases. The least commonly observed assessment was on women's current medication use in 18% of cases.

Table 25. Correct patient management - ANC (Part IV)

Background characteristics	2-44:		2-45:		2-46:		2-47:		2-48:	
	Proportion of all ANC cases being asked about symptoms of headache or blurred vision		Proportion of all ANC cases being asked about symptoms of edema on limbs or face		Proportion of first visit ANC cases being asked about number of previous pregnancies		Proportion of first visit ANC cases being asked about date of last menstrual period		Proportion of first visit ANC cases being asked about currently used medications	
Zone of residence	%	N	%	N	%	N	%	N	%	N
Urban	22.5	138	19	137	88	50	58.3	48	6	50
Rural	29.1	1,091	26.6	1,089	88.5	374	53.8	368	19.5	369
Level of health facility										
Primary	28.6	1,187	25.8	1,184	87.9	406	53.8	398	18.2	401
Secondary	18.5	27	25.9	27	100	15	73.3	15	6.7	15
Private	26.7	15	20	15	100	3	33.3	3	33.3	3
Region										
Boucle du Mouhoun	9.6	198	10.6	198	93.8	65	50	64	7.8	64
Centre-Est	52.7	241	59.8	241	91.2	68	49.3	67	7.5	67
Centre-Nord	23.6	365	17.1	363	88.7	142	40.9	137	10.1	139
Nord	27.4	292	18.9	291	77.2	92	57.1	91	17.4	92
Sud-Ouest	27.1	133	25.6	133	96.5	57	93	57	61.4	57
TOTAL	28.3	1,229	25.8	1,226	88.4	424	54.3	416	17.9	419
Study zone*										
Interventions										
T1	32.7	382	26.8	381	84.6	136	46.7	135	16.2	136
T2	29.2	298	27.9	297	84.5	110	57.5	106	17.8	107
T3	36	264	32.7	263	88.3	77	44	75	18.4	76
T4	8.8	91	12.1	91	100	37	63.9	36	11.1	36
Control	16.8	167	16.2	167	95.9	49	71.4	49	30.6	49
TOTAL*	28.5	1,202	25.8	1,199	88	409	53.6	401	18.3	404

Other observed routine assessments included the estimation of the length of the current pregnancy (asking for last menstrual period) in 54% of cases and the screening for symptoms related to preeclampsia (headache or blurred vision in 28%, edema in 26% of cases). The total

frequencies of above clinical processes in the study zone samples did not greatly differ from those in the entire sample.

3.3.3. Correct patient management – Child health

This section presents the numbers of staff members and training of MNCH and correct management of children's consultation at health facilities. A SBA (SBAs) was defined as a clinical health worker who has received training and is allowed to deliver at health facilities. We considered as an U5YO service provider, any health worker who provides any health service to U5YO children at health facilities.

In order to measure SBAs and U5YO service providers' knowledge in management of specific diseases, we calculated different scores from a variety of scenarios. For specific childhood or maternal disease cases, each health worker was scored. Each score scale is between 1 and 10 and we have calculated the average score.

Among all health workers interviewed during the survey, 62% were SBAs, where 36% of them had provided ANC (ANC) the day of the interview. The proportion of SBAs with sufficient knowledge of preeclampsia is 13%.

In most of the management of childhood disease cases, U5YO service providers had asked for fever (85%) for cough or difficult breathing (80%) for diarrhea (72%) and only 20% for ear problem. In addition, 99% of cases were checked for hyperthermia and 63% for weight and 44% for vaccination status. All major cases (diarrhea, bacterial respiratory infection and malaria) were prescribed on treatment (94, 96, and 95% respectively).

Overall, 96% of health workers had provided services for U5YO children. U5YO providers had more knowledge in management of ear infection (mean=7.8; SD=1.8) and severe respiratory infection (mean=7.6; SD=1.9) than management of severely ill newborns (mean=1.9; SD=0.9) and severe dehydration (mean=1.8; SD=1).

3.3.4. Availability of Maternal Health Services

3.3.4.1. Availability of ANC services (Indicators 2-49, 2-51, 2-52, 2-53, 2-54, 2-55):

While all facilities surveyed offered ANC services at least once per week, emergency patient transport was only available in 24% of facilities. Of all the observed ANC consultation, 22% included women in their first pregnancy and 78% consisted of first-time visits to the service during the involved women's pregnancy. In urban facilities the proportion of primigravid women attending ANC services was slightly higher (32%), while the proportion of first-time visits was slightly lower (68%) compared to rural facilities. Overall, average duration of an ANC consultation (first and follow-up visits taken together) lasted about 19 minutes, however, individual consultation times varied greatly (SD of about 12 minutes).

Table 26. Availability of services - MNH

Background characteristics		2-49: Proportion of health facilities offering ANC services at least once per week		2-51: Proportion of health facilities having vehicle available for emergency patient transports		2-52: Proportion of primigravid among all women observed to attend ANC clinics		2-53: Proportion of first ANC visits among all women observed to attend ANC services		2-54: Mean duration in minutes of first visit ANC consultations		2-55: Mean duration in minutes of follow-up visit ANC consultations			
Zone of residence		%	N	%	N	%	N	%	N	mean	SD	N	mean	SD	N
<i>Urban</i>		100.0	38	37.0	54	32.1	140	67.9	140	24.7	23.5	44	20.6	12.3	91
<i>Rural</i>		100.0	384	22.1	390	20.6	1,092	79.4	1,092	18.4	10.7	215	18.4	9.6	848
Level of health facility															
<i>Primary</i>		100.0	410	20.3	414	21.8	1,190	78.2	1,190	19.3	14.0	249	18.6	9.9	908
<i>Secondary</i>		100.0	9	100.0	19	25.9	27	74.1	27	29.5	3.8	6	22.8	9.4	20
<i>Private</i>		100.0	3	27.3	11	26.7	15	73.3	15	19.3	2.1	4	17.8	7.0	11
Region															
<i>Boucle du Mouhoun</i>		100.0	84	25.0	88	17.7	198	82.3	198	25.7	28.5	32	19.3	11.1	162
<i>Centre-Est</i>		100.0	63	21.5	65	25.4	240	74.6	240	16.1	8.0	61	16.4	7.3	177
<i>Centre-Nord</i>		100.0	114	27.9	122	20.9	369	79.1	369	18.1	12.2	72	17.4	9.4	285
<i>Nord</i>		100.0	121	22.2	126	23.3	292	76.7	292	19.4	9.0	66	19.0	11.2	214
<i>Sud-Ouest</i>		100.0	40	18.6	43	21.8	133	78.2	133	23.5	8.98	28	24.3	7.8	101
TOTAL		100.0	422	23.9	444	21.9	1,232	78.1	1,232	19.5	13.9	259	18.7	9.9	939
Study zone*															
<i>Interventions</i>															
<i>T1</i>		100.0	119	21.8	124	24.7	384	75.3	384	18.7	10.0	88	18.1	10.6	275
<i>T2</i>		100.0	85	16.1	87	23.2	298	76.8	298	16.0	7.4	66	17.6	9.5	227
<i>T3</i>		100.0	81	17.6	85	20.8	265	79.2	265	17.7	8.1	55	18.0	8.6	204
<i>T4</i>		100.0	34	29.4	34	15.6	90	84.4	90	32.1	41.2	14	18.1	10.1	76
<i>Control</i>		100.0	94	22.1	95	17.9	168	82.1	168	24.8	15.3	30	22.1	9.7	137
TOTAL*		100.0	413	20.5	425	21.8	1,205	78.2	1,205	19.3	13.9	253	18.6	9.9	919

Whereas ANC consultations in primary and private facilities lasted in average 19 and 18 minutes, respectively, ANC consultations at secondary facilities lasted in average 27 minutes. This difference might be due to lower availability of ancillary staff (staff shortage) or higher utilization of primary and private facilities for ANC services. The total frequencies of above measures in the study zone samples did not greatly differ from those in the entire sample.

3.3.5. Availability of Supplies and Equipment specific to Reproductive Health

3.3.5.1. Essential equipment and supplies for Emergency Obstetric Care (EmOC) services (Indicators 2-59, 2-60, 2-61, 2-62, 2-63, 2-64, 2-65)

Supplies and equipment were considered available if items were in a functional or usable state. Broken equipment or non-standard supplies were considered as not available to a facility for the purpose of this survey. Sufficient stock of medical supplies for the purpose of this survey was considered if at least one unit of supply item was found stored for use in patient care at a facility's dispensary, pharmacy, or storage unit. In terms of parenteral administration of medications, essential supplies such as disposable syringes were readily available to health care workers for use in emergency patient care in many rural (72%) and primary health facilities (71%), however availability was lower in urban (60%) and secondary (60%) facilities. However, supplies for intravenous application of fluids or medicines, such as IV infusion sets, were only available in stock in 29% of facilities. Parenteral emergency medications, such as oxytocin for uterine hemorrhage or diazepam to control eclamptic seizures, were available in stock in 81% and 84% of facilities. Stock outs in the past 30 days prior to survey date of oxytocin occurred in in less than 1% and of diazepam occurred in about 9% of facilities. While oxytocin stock outs occurred exclusively in rural, primary level health centers of study zones T1 and T3, stock outs of diazepam were most frequently observed in urban and private health facilities. Basic emergency equipment, such as newborn ventilation masks for neonatal resuscitation, was hardly available in rural (26%) and primary level (27%) facilities, however more commonly found in urban (55%) and secondary level facilities (85%). This finding will require further analysis along the national EmOC protocol to determine which of the primary facilities are supposed to provide basic EmOC. In comparison, functional freezers to store blood products are only expected to be found in higher level (secondary or tertiary) facilities offering comprehensive EmOC. However, only 40% of secondary level facilities were found to be able to store blood products appropriately.

Table 27. Availability of materials - MNH (Part I)

Background characteristics	2.59 Proportion of facilities with availability of disposable syringes		2.60: Proportion of facilities with availability of IV kits		2.62A: Proportion of facilities with at least one unit of diazepam (injectable)		2.62A: Proportion of facilities with diazepam stockout in past 30 days		2.63A: Proportion of facilities with at least one unit of Oxytocin		2.63B: Proportion of facilities with Oxytocin stockout in past 30 days		2.64: Proportion of facilities with availability of balloon-mask for newborn		2.65 Proportion of facilities with availability of blood bank fridge	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	60.0	45	27.3	55.0	78.6	42	14.7	34	85.0	40	00.0	31	55.3	47	19.6	46
Rural	71.5	379	29.1	385	84.5	329	8.5	259	80.8	328	0.8	237	26.4	383	0.5	377
Level of health facility																
Primary	70.8	401	29.2	408	84.5	349	9.1	276	82.7	346	0.8	256	26.8	407	0.8	400
Secondary	60.0	20	20.0	20	80.0	15	0.0	11	78.6	14	0.0	11	85.0	20	40.0	20
Private	66.7	3	33.3	12	57.1	7	33.3	6	25.0	8	0.0	100	33.3	3	0.0	3
Region																
Boucle du Mouhoun	77.0	87	40.9	88	85.7	84	5.2	77	96.4	84	0.0	79	5.7	88	2.3	88
Centre-Est	71.2	66	25.8	66	64.5	31	0.0	12	25.0	32	0.0	6	24.2	66	1.5	66
Centre-Nord	82.0	111	40.5	121	81.7	115	14.4	104	87.0	115	1.0	96	49.6	113	3.6	112
Nord	69.4	124	15.6	128	86.5	111	7.8	77	79.6	108	1.5	67	36.0	125	1.6	122
Sud-Ouest	19.4	36	13.5	37	96.7	30	8.7	23	82.8	29	0.0	20	13.2	38	5.7	35
TOTAL	70.3	424	28.9	440	83.8	371	9.2	293	81.3	368	0.7	268	29.5	430	2.6	423
Study zone*																
Interventions																
T1	65.3	118	28.5	123	85.4	103	7.5	80	80.6	98	1.4	70	31.9	119	0.9	117
T2	71.4	84	23.3	86	81.4	70	14.0	50	75.7	70	0.0	42	33.3	84	1.2	82
T3	70.9	79	31.0	84	82.6	69	18.9	53	73.2	71	2.4	42	30.0	80	1.3	79
T4	78.8	33	35.3	34	88.2	34	6.3	32	100.0	34	0.0	34	0.0	34	0.0	34
Control	74.4	90	32.3	93	83.8	80	3.0	67	86.4	81	0.0	69	21.5	93	0.0	91
TOTAL*	70.8	404	29.3	420	84.0	356	9.6	282	81.4	354	0.8	257	26.8	410	0.7	403

3.3.5.2. Essential equipment for MNH services (Indicators 2-66, 2-67, 2-68, 2-69)

Supplies and equipment were considered available if items were in a functional or usable state. Broken equipment or non-standard supplies were considered as not available to a facility for the purpose of this survey. Although almost all health facilities had functional essential equipment for MNH care service delivery, such as adult scales (96%), blood pressure machines (98%), and fetoscopes (99%), available, a functional light source in the delivery room was missing in 16% of facilities.

Table 28. Availability of materials - MNH (Part II)

Background characteristics	2.66: Proportion of facilities with availability of functional adult scale		2.67: Proportion of facilities with availability of light in birth room		2.68: Proportion of facilities with availability of functional BP machine		2.69: Proportion of facilities with availability of functional foetoscope	
	%	N	%	N	%	N	%	N
Zone of residence								
<i>Urban</i>	98.1	53	95.7	47	100.0	50	100.0	41
<i>Rural</i>	95.4	370	82.2	382	97.6	372	98.7	371
Level of health facility								
<i>Primary</i>	95.4	392	82.8	406	97.7	393	98.7	397
<i>Secondary</i>	100.0	19	100.0	20	100.0	17	100.0	11
<i>Private</i>	100.0	12	100.0	3	100.0	12	100.0	4
Region								
<i>Boucle du Mouhoun</i>	98.8	83	86.4	88	95.2	83	100.0	79
<i>Centre-Est</i>	96.9	64	69.2	65	100.0	66	98.4	63
<i>Centre-Nord</i>	89.3	112	91.2	113	95.5	112	96.5	113
<i>Nord</i>	99.2	126	85.6	125	100.0	124	100.0	121
<i>Sud-Ouest</i>	94.7	38	73.7	38	100.0	37	100.0	36
TOTAL	95.7	423	83.7	429	97.9	422	98.8	412
Study zone*								
<i>Interventions</i>								
<i>T1</i>	98.3	115	83.2	119	95.8	118	97.4	116
<i>T2</i>	93.1	87	86.9	84	100.0	84	98.8	82
<i>T3</i>	91.1	79	81.0	79	97.5	79	98.8	80
<i>T4</i>	96.8	31	79.4	34	93.9	33	100.0	30
<i>Control</i>	97.8	92	81.7	93	100.0	91	100.0	93
TOTAL*	95.5	404	82.9	409	97.8	405	98.8	401

The functional light sources in delivery rooms were available to most urban (96%) and all secondary and private facilities, this was only the case in 82% of rural and 83% of primary facilities. The relationship of this finding to the availability of electricity to the facilities or the structural organization of the delivery rooms needs to be further exploration. The total availabilities of above items in the study zone samples did not greatly differ from those in the entire sample.

3.3.5.3. Essential supplies for family planning services (**Indicators 2-70, 2-71, 2-72, 2-73, 2-74**)

Sufficient stock of medical supplies for the purpose of this survey was considered if at least one unit of supply item was found stored for use in patient care at a facility's dispensary, pharmacy, or storage unit. In terms of modern contraceptive methods, the most common contraceptives in stock were male condoms – available at 92% of facilities – and injectable hormonal contraceptives – available in 96% of facilities. Female condoms and oral hormonal contraceptives were only available in 88% of the surveyed facilities. Except for female condoms, these contraceptives were more commonly stocked in primary facilities (93%, 90%, 97%) compared to secondary facilities (87%, 73%, 86%). Other contraceptives such as hormonal implants and IUPs were only in stock in 80% and 42% of facilities, and more commonly found in secondary (93%, 67%) compared to primary (80%, 42%) facilities. Stock outs in the past 30 days prior to survey date of male condoms and hormonal implants occurred in in about 4%, of female condoms in about 3%, of injectable contraceptives in about 2%, and of oral contraceptives in about 1% of facilities. The total availabilities of above items in the study zone samples did not greatly differ from those in the entire sample.

Table 29. Availability of materials - MNH (Part III)

Background characteristics	2.70.1A: Proportion of facilities with at least one unit of condoms (male)		2.70.1B: Proportion of facilities with condoms (male) stockout in past 30 days		2.70.2A: Proportion of facilities with at least one unit of condoms (female)		2.70.2B: Proportion of facilities with condoms (female) stockout in past 30 days		2.71A: Proportion of facilities with at least one unit of oral contraceptives		2.71B: Proportion of facilities with oral contraceptives stockout in past 30 days		2.72A: Proportion of facilities with at least one unit of injectable contraceptives		2.72B: Proportion of facilities with injectable contraceptives stockout in past 30 days		2.73A: Proportion of facilities with at least one unit of contraceptive implants		2.73B: Proportion of facilities with contraceptive implants stockout in past 30 days		2.74A: Proportion of facilities with at least one unit of IUD	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	85.7	42	6.3	32	75.6	41	10	30	82.9	41	3.2	31	85.7	42	5.7	35	85.7	42	5.7	35	48.7	39
Rural	93.2	340	4	302	89.8	334	1.8	281	88.8	340	1.1	278	96.8	341	2	305	78.8	292	3.9	233	41	251
Level of health facility																						
Primary	93.1	361	4.4	317	88.7	355	2.7	295	89.7	360	1	295	97	363	1.9	324	80.2	313	4	251	41.6	269
Secondary	86.7	15	0	13	92.9	14	0	13	73.3	15	8.3	12	85.7	14	14.3	14	93.3	15	6.7	15	66.7	15
Private	66.7	6	0	4	50	6	0	3	33.3	6	0	2	33.3	6	0	2	16.7	6	0	2	0	6
Region																						
Boucle du Mouhoun	89.5	86	7.6	79	77.9	86	5.7	70	92.9	85	2.4	83	96.5	86	1.2	84	84.9	86	6.4	78	45.8	83
Centre-Est	96.9	32	0	29	87.1	31	0	26	58.1	31	0	17	100	32	0	30	77.4	31	4.3	23	9.7	31
Centre-Nord	91.5	118	3.7	109	88.5	113	2	99	90.7	118	1.9	105	92.4	118	3.6	110	77.6	107	1.2	83	31.8	88
Nord	93	114	2.2	90	95.6	114	1.1	91	94	116	0	84	96.5	115	2.3	88	70.5	78	5.4	56	65.1	63
Sud-Ouest	96.9	32	7.4	27	90.3	31	4	25	74.2	31	0	20	96.9	32	3.6	28	96.9	32	3.6	28	48	25
TOTAL	92.4	382	4.2	334	88.3	375	2.6	311	88.2	381	1.3	309	95.6	383	2.4	340	79.6	334	4.1	268	42.1	290
Study zone*																						
Interventions																						
T1	88.9	108	7.4	95	85.7	105	3.5	85	91.7	108	1.1	90	95.4	109	2.2	93	82.4	91	5.3	75	46.7	75
T2	91.8	73	6.6	61	91.7	72	3.3	60	90.4	73	0	54	97.3	73	4.7	64	78.9	57	4.3	47	34	50
T3	97.2	71	0	58	92.8	69	1.9	54	87.3	71	1.9	52	95.8	71	1.7	58	73.3	60	5.1	39	30.8	52
T4	91.2	34	6.7	30	67.6	34	8.3	24	93.9	33	3.1	32	97.1	34	0	33	82.4	34	6.7	30	45.5	33
Control	95.1	81	1.3	77	92.6	81	0	75	82.7	81	0	69	95.1	82	0	78	77.9	77	0	62	44.6	65
TOTAL	92.6	367	4.4	321	88.1	361	2.7	298	88.8	366	1	297	95.9	369	1.8	326	79	319	4	253	40.7	275

3.3.5.4. Essential equipment and supplies for ANC (ANC) services (Indicators 2-75, 2-76, 2-77, 2-78, 2-79)

Supplies and equipment were considered available if items were in a functional or usable state. Broken equipment or non-standard supplies were considered as not available to a facility for the purpose of this survey. The availability of RDTs related to recommended screening of pregnant women varied greatly depending on types of diagnostic tests.

Table 30. Availability of materials - MNH (Part IV)

Background characteristics	2.75A: Proportion of facilities with at least one unit of malaria test kit	2.75B: Proportion of facilities with malaria test kit stockout in past 30 days	2.76A: Proportion of facilities with at least one unit of HIV test kit	2.76B: Proportion of facilities with HIV test kit stockout in past 30 days	2.77A: Proportion of facilities with at least one unit of pregnancy test kit	2.78A: Proportion of facilities with at least one unit of syphilis test kit	2.79A: Proportion of facilities with at least one unit of urine test kit							
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	20.0	35	50.0	20	61.8	34	11.5	26	24.2	33	0.0	27	50.0	32
Rural	33.3	318	49.8	209	68.8	327	7.9	227	28.2	259	1.4	217	58.3	319
Level of health facility														
Primary	33.1	335	49.8	223	70.0	343	7.4	243	26.8	276	1.3	230	59.4	335
Secondary	0.0	12	50.0	2	36.4	11	16.7	6	30.0	10	0.0	8	11.1	9
Private	33.3	6	50.0	4	28.6	7	50.0	4	66.7	6	0.0	6	28.6	7
Region														
Boucle du Mouhoun	50.0	84	34.3	67	69.0	84	11.0	73	60.0	85	0.0	81	71.4	84
Centre-Est	13.3	30	66.7	3	13.3	30	66.7	3	0.0	30	0.0	30	0.0	30
Centre-Nord	35.7	115	48.8	82	77.9	113	11.2	98	19.7	76	2.7	73	49.6	113
Nord	21.1	95	61.4	57	73.1	104	0.0	61	16.0	75	0.0	34	68.4	98
Sud-Ouest	20.7	29	70.0	20	66.7	30	0.0	18	11.5	26	3.8	26	73.1	26
TOTAL	32.0	353	49.8	229	68.1	361	8.3	253	27.7	292	1.2	244	57.5	351
Study zone*														
Interventions														
T1	35.0	100	57.5	73	77.2	101	6.3	79	39.3	84	1.6	63	68.4	98
T2	25.4	67	59.5	42	67.6	71	9.3	43	17.5	57	2.4	42	50.7	67
T3	27.3	66	53.5	43	62.7	67	14.6	41	11.3	53	0.0	44	43.9	66
T4	64.7	34	31.0	29	66.7	33	17.9	28	73.5	34	0.0	33	79.4	34
Control	28.4	74	35.0	40	66.7	78	0.0	56	7.4	54	1.9	54	57.1	77
TOTAL*	33.1	341	49.8	227	69.1	350	8.1	247	27.7	282	1.3	236	58.8	342

Whereas stocks of RDT kits for HIV and urine protein were available in 68% and 58% of facilities, test kits detecting malaria, pregnancy, and syphilis were only in stock in 32%, 28%, and 1% of the surveyed facilities. The stock for RDTs for malaria, HIV, and urine protein were commonly lower in secondary level compared to primary level facilities, which might indicate the fact that at higher level care centers dedicated laboratory units support the diagnostic work-up of maternal care providers during ANC clinics. Stock outs in the past 30 days prior to survey date of malaria test kits and HIV test kits occurred in in about 50% and 8% of facilities, respectively. The total availabilities of above items in the study zone samples did not greatly differ from those in the entire sample.

3.3.6. Availability of Supplies and Equipment specific to Child Health

3.3.6.1. Essential equipment and supplies for outpatient child health services (Indicators 2-104, 2-105, 2-106, 2-107, 2-108, 2-109, 2-110, 2-111, 2-112)

Supplies and equipment were considered available if items were in a functional or usable state. Broken equipment or non-standard supplies were considered as not available to a facility for the purpose of this survey. Basic equipment specific for pediatric outpatient care, such as weighing scales and thermometers, were available at almost all facilities (98% and 100%). For the purpose of this survey, sufficient stock of medications recommended by national standard treatment guidelines for the treatment of common outpatient infections was considered if at least one unit of the considered drug was found stored for use in patient care at a facility's dispensary, pharmacy, or storage unit. Oral antimalarial treatments were not commonly in stock, with artesunate/ amodiaquine combinations found in 75% and artemether/lumafantrine combinations found in only 23% of facilities. Stock outs in the past 30 days prior to survey date of artesunate/ amodiaquine combinations occurred in in about 19% of facilities, and was more common in primary level facilities.

Recommended antibiotics for the outpatient treatment of acute respiratory infections were in stock in 93% of facilities for oral amoxicillin and in 88% for oral cotrimoxazole. Stock outs in the past 30 days prior to survey date of oral amoxicillin and oral cotrimoxazole occurred in about 7% and 11% of facilities, respectively, and was more common in primary level facilities. Oral rehydration salts for the treatment of mild dehydration were found in 84% of facilities, whereas supportive medications such as paracetamol syrup and vitamin A were in stock in 91% and only 28% of facilities.

Table 31. Availability of services and materials - Child health (Part I)

Background characteristics	2.104A: Proportion of facilities with at least one unit of recommended antimalarial outpatient treatment (Artemether/ Lumefantrine)		2.105A: Proportion of facilities with at least one unit of recommended antimalarial outpatient treatment (Artesunate/ Amodiaquine)		2.105B: Proportion of facilities with recommended antimalarial outpatient treatment (Artesunate/ Amodiaquine) stockout in past 30 days		2.106A: Proportion of facilities with at least one unit of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral amoxicillin)		2.106B: Proportion of facilities with recommended antibiotic for outpatient treatment of ear/respiratory infection (oral amoxicillin) stockout in past 30 days		2.107A: Proportion of facilities with at least one unit of recommended 2nd line anti-biotic for outpatient treatment of ear/respiratory infection (oral cotrimoxazole)		2.107B: Proportion of facilities with recommended 2nd line anti-biotic for outpatient treatment of ear/ respiratory infection (oral cotrimoxazole) stock out in past 30 days	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	32.4	37	79.5	44	21.1	38	97.9	47	2.3	44	91.1	45	4.8	42
Rural	21.7	235	74.1	344	18.6	301	92.5	345	7.2	320	87.2	345	11.2	312
Level of health facility														
Primary	23.3	253	73.4	365	19.6	316	92.7	368	7.1	340	88	367	10.3	330
Secondary	7.7	13	100	15	6.7	15	100	16	0	16	86.7	15	6.3	16
Private	50	6	87.5	8	12.5	8	100	8	0	8	75	8	25	8
Region														
Boucle du Mouhoun	4.7	86	65.1	86	26.7	75	91.9	86	6	84	92.9	85	7.1	85
Centre-Est	0	31	97	33	3.1	32	87.9	33	12.9	31	72.7	33	17.9	28
Centre-Nord	50.6	81	87.4	119	3.7	108	90.8	119	8.5	118	84.9	119	12.2	115
Nord	30.8	52	57.1	119	37.8	98	95.8	119	5.2	97	88.2	119	11.7	94
Sud-Ouest	9.1	22	96.8	31	7.7	26	100	35	0	34	97.1	34	3.1	32
TOTAL	23.2	272	74.7	388	18.9	339	93.1	392	6.6	364	87.7	390	10.5	354
Study zone*														
Interventions														
T1	22.5	71	67.3	110	27.8	97	94.6	112	5.9	102	87.4	111	10.2	98
T2	23.8	42	69.4	72	25	60	90.4	73	11.8	68	91.8	73	8.8	68
T3	36.2	47	81.3	75	13.8	65	92	75	9	67	80	75	20.6	63
T4	2.9	34	58.8	34	34.5	29	64.1	34	5.9	34	94.1	34	8.8	34
Control	27.7	65	85.4	82	2.7	73	92.7	82	2.6	77	89	82	5.3	75
TOTAL*	23.9	259	73.7	373	19.4	324	92.8	376	6.9	348	87.7	375	10.7	338

Table 32. Availability of services and materials - Child health (Part II)

Background characteristics	2.108A: Proportion of facilities with at least one unit of Oral Rehydration Solution (ORS)		2.108B: Proportion of facilities with ORS sachet stock out in past 30 days		2.109A: Proportion of facilities with at least one unit of Vitamin A		2.110A: Proportion of health facilities with at least one unit of oral paracetamol syrup		2.110B: Proportion of health facilities with oral paracetamol syrup stockout in past 30 days		2.111: Proportion of health facilities with availability of functional of infant/child weighing scale		2.112: Functionality Proportion of health facilities with availability of functional of thermometer	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	79.5	44	12.8	39	25	28	97.9	47	2.3	44	96.9	32	100	52
Rural	85	341	8.6	301	28.3	219	89.5	343	9.8	316	98.5	200	99.5	375
Level of health facility														
Primary	85.9	362	8.4	321	28.7	230	90.2	366	9.2	336	98.6	210	99.7	396
Secondary	66.7	15	15.4	13	27.3	11	100	16	0	16	100	16	100	19
Private	50	8	33.3	6	0	6	87.5	8	12.5	8	83.3	6	91.7	12
Region														
Boucle du Mouhoun	90.7	86	4.8	83	53.8	80	90.7	86	7.2	83	100	50	100	84
Centre-Est	90.9	33	6.5	31	3.2	31	84.8	33	15.6	32	97.3	37	100	65
Centre-Nord	73.9	119	14.9	101	6.8	74	90.8	119	6.1	114	92.7	41	98.3	119
Nord	85	113	10.9	92	36.6	41	89.7	117	13.4	97	100	72	100	122
Sud-Ouest	97.1	34	0	33	23.8	21	97.1	35	2.9	34	100	32	100	37
TOTAL	84.4	385	9.1	340	27.9	247	90.5	390	8.9	360	98.3	232	99.5	427
Study zone*														
Interventions														
T1	89.9	109	9	100	37.9	66	87.5	112	13.7	102	98.4	61	99.2	120
T2	86.3	73	9.1	66	18.6	43	93.2	73	9	67	100	46	100	84
T3	79.5	73	15	60	11.6	43	92	75	9	67	100	38	98.8	81
T4	97.21	34	0	33	48.3	29	94.1	34	3	33	100	12	100	32
Control	77.8	81	7.4	68	25.5	55	87.5	80	6.7	75	94.9	59	100	91
TOTAL*	85.1	370	8.9	327	28	236	90.1	374	9.3	344	98.1	216	99.5	408

3.3.6.2. Essential equipment and supplies for outpatient child immunization services (**Indicators 2-103, 2-113, 2-115a, 2-115b, 2-115c, 2-116, 2-117, 2-118, 2-119, 2-120**)

Supplies and equipment were considered available if items were in a functional or usable state. Broken equipment or non-standard supplies were considered as not available to a facility for the purpose of this survey. Also, sufficient stock of vaccines recommended by national standard treatment guidelines for child immunization was considered if at least one unit of the considered vaccine was found stored for use in patient care at a facility's dispensary, pharmacy, or storage unit.

Only 28% of facilities offered immunization services for children at a daily basis. Although the majority of facilities (99%) had a functional fridge for storing vaccines available, and intramuscular syringes were available in 79% of facilities. However, other vaccination supplies, such as intramuscular needles and vaccination cards were only available in 7% and 25% of facilities. All vaccines (BCG, OPV, Pentavalent, measles, tetanus toxoid) were in stock in the majority of facilities (74%, 77%, 77%, 77%, 78%), however much less frequently in secondary as compared to primary facilities. Stock outs in the past 30 days prior to survey date of these vaccines occurred only in about 3%, 2%, 2%, 1%, and less than 1% of facilities.

Table 33. Availability of services and materials - Child health (Part III)

Background characteristics	2.103: Proportion of facilities providing immunization services continuous (week)		2.113: Proportion of health facilities with availability of functional of fridge		2.115.a: Proportion of health facilities with availability of vaccination syringes for immunization		2.115.b: Proportion of health facilities with availability of vaccination needles for immunization		2.115.c: Proportion of health facilities with availability of vaccination cards for immunization		2.116A: Proportion of health facilities with at least one unit of BCG vaccine		2.116B: Proportion of health facilities with BCG vaccine stockout in past 30 days	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	22.2	27	100	30	69.2	26	6.9	29	34.6	26	57.5	40	4.3	23
Rural	28.3	339	98.7	377	80.1	372	7.2	376	24.5	367	75.9	336	3.3	246
Level of health facility														
Primary	27.9	358	99	400	79.8	391	7.3	398	25.6	386	77.2	356	3.4	266
Secondary	25	4	100	3	33.3	3	0	3	0	3	21.4	14	0	0
Private	25	4	75	4	75	4	0	4	0	4	0	6	0	3
Region														
Boucle du Mouhoun	14.5	55	100	79	92.4	79	23.5	81	80.5	77	83.7	86	0	75
Centre-Est	30.2	63	100	62	95	60	3.2	62	1.6	62	25.8	31	0	6
Centre-Nord	18.5	108	97.3	110	79.3	111	0.9	112	0	106	76.7	116	7.4	94
Nord	26.2	107	98.3	120	76.3	114	4.3	117	15.8	114	72.7	110	3	67
Sud-Ouest	81.8	33	100	36	32.4	34	6.1	33	52.9	34	87.9	33	0	27
TOTAL	27.9	366	98.8	407	79.4	398	7.2	405	25.2	393	73.9	376	3.3	269
Study zone*														
<i>Interventions</i>														
T1	34.6	104	98.3	119	76.5	115	10.3	117	31.2	109	85.2	108	2.5	81
T2	26.9	78	98.8	83	84	81	4.9	81	16	81	71.8	71	6.1	49
T3	37.2	78	97.6	83	75.3	77	1.3	80	15.2	79	65.2	69	8.9	45
T4	9.1	22	100	30	96.8	31	31.3	32	90.3	31	94.1	34	0	32
Control	16.3	80	100	89	78	91	2.2	92	13.3	90	68.8	80	0	59
TOTAL*	27.9	362	98.8	404	79.7	395	7.2	402	25.4	390	76	362	3.4	266

Table 34. Availability of services and material - Child health (Part IV)

Background characteristics	2.117A: Proportion of health facilities with at least one unit of OPV vaccine		2.117B: Proportion of health facilities with OPV vaccine stockout in past 30 days		2.118A: Proportion of health facilities with at least one unit of Pentavalent vaccine		2.118B: Proportion of health facilities with Pentavalent vaccine stockout in past 30 days		2.119A: Proportion of health facilities with at least one unit of measles vaccines		2.119B: Proportion of health facilities with measles vaccines stockout in past 30 days		2.120A: Proportion of health facilities with at least one unit of Tetanus Toxoid 2 (TT2) vaccine		2.120B: Proportion of health facilities with TT2 vaccine stockout in past 30 days	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	57.5	70	4.3	23	60	40	0	23	60	40	0	23	61.5	39	0	24
Rural	79.2	336	1.2	250	78.6	337	2	248	78.8	335	1.2	246	79.5	337	0.4	249
Level of health facility																
Primary	80.3	355	1.1	268	79.8	356	1.9	266	80	355	1.1	265	80.6	356	0.4	267
Secondary	21.4	14	0	3	21.4	14	0	3	21.4	14	0	3	23.1	13	0	4
Private	14.3	7	50	2	28.6	7	0	2	16.7	6	0	1	28.6	7	0	2
Region																
Boucle du Mouhoun	83.5	85	0	75	83.7	86	0	75	83.7	86	0	75	84.9	86	0	76
Centre-Est	25.8	31	0	6	25.8	31	0	6	25.8	31	0	6	25.8	31	0	6
Centre-Nord	82.9	117	4.1	97	83.8	117	4.1	97	83.6	116	3.1	96	86.2	116	0	98
Nord	75.5	110	0	68	73.6	110	1.5	66	74.3	109	0	65	73.6	110	1.5	66
Sud-Ouest	90.9	33	0	27	90.9	33	0	27	90.9	33	0	27	90.9	33	0	27
TOTAL	76.9	376	1.5	273	76.7	377	1.8	271	76.8	375	1.1	269	77.7	376	0.4	273
Study zone*																
Interventions																
T1	85	107	2.5	81	86.1	108	1.2	81	85	107	2.5	81	87	108	0	82
T2	76.1	71	0	49	71.8	71	4.3	47	76.1	71	0	47	76.1	71	0	48
T3	75.7	70	4.1	49	77.1	70	4.1	49	76.8	69	2.1	48	77.1	70	2	49
T4	94.1	34	0	32	94.1	34	0	32	94.1	34	0	32	94.1	34	0	32
Control	70	80	0	59	70	80	0	59	68.8	80	0	58	68.8	80	0	58
TOTAL*	79	362	1.5	270	78.8	363	1.9	268	78.9	361	1.1	266	79.6	363	0.4	269

3.3.6.3. Essential equipment and supplies for vaccination outreach services (Indicators 2-114a, 2-114b, 2-114c)

Supplies and equipment were considered available if items were in a functional or usable state. Broken equipment or non-standard supplies were considered as not available to a facility for the purpose of this survey. Although vaccine coolers and iceboxes were available in the majority of facilities (97% and 96% of facilities), only few facilities (4%) had a functional freezer.

Table 35. Availability of services and materials - Child health (Part V)

Background characteristics		2.114.a: Proportion of health facilities with availability of outreach material (cooler)		2.114.b: Proportion of health facilities with availability of outreach material (icebox)		2.114.c: Proportion of health facilities with availability of outreach material (freezer)	
Zone of residence		%	N	%	N	%	N
Urban		96.7	30	100.0	30	13.3	30
Rural		96.6	380	96.0	376	3.4	382
Level of health facility							
Primary		96.8	403	96.5	399	4.0	405
Secondary		66.7	3	66.7	3	33.3	3
Private		100.0	4	100.0	4	0.0	4
Region							
Boucle du Mouhoun		91.4	81	100.0	78	8.6	81
Centre-Est		100.0	61	100.0	62	4.8	62
Centre-Nord		100.0	112	99.1	112	3.6	112
Nord		99.2	120	100.0	118	0.8	121
Sud-Ouest		83.3	36	61.1	36	5.6	36
TOTAL		96.6	410	96.3	406	4.1	412
Study zone*							
Interventions							
T1		94.9	118	95.7	116	5.9	119
T2		100.0	82	96.4	83	4.8	83
T3		97.6	83	95.1	82	1.2	83
T4		87.5	32	100.0	30	6.3	32
Control		98.9	92	97.8	92	2.2	92
TOTAL*		96.8	407	96.5	403	3.9	409

3.3.7. Patients' satisfaction

The main reason reported by patients for seeking care for U5YO children in the health facility were: proximity of health facility (76%), quality of care (22%) and availability of the health care providers (12%).

The main reasons mentioned for seeking ANC were the proximity (74%), quality of care (26.5%) and the low cost of the services provided (6.7%).

In general, patients' satisfaction with U5YO services and ANC was high, above 80%.

The satisfaction indicator was computed based on different dimensions of patients' experience with the health facility: information received, respect of health care providers, costs, waiting time, privacy etc. The satisfaction with ANC services ranged from 53.7% in Sud-Ouest region to 91% in Centre-Est and Nord. Satisfaction was lower in secondary health facilities, 68.6%, and higher in the private health facilities, where 93.5% of patients interviewed during the exit interviews were satisfied.

Asking household members about their last visit in their reference health facility, we created a satisfaction score from 0 to 5 for: cost and distance; health care providers and resources; and material and overall satisfaction, taking into account the three dimensions. The satisfaction was lower for cost (2.3) compared to the other dimensions (3.8 on average).

3.4. Children health indicators (WP3)

- Work package 3 elaborates on child health indicators.
- 26 indicators were computed with 5 being considered key indicators.
- The main themes of indicators cover vaccinations and micronutrients coverage, indicators related to case management (i.e. diarrhea, acute respiratory infections, fever), and coverage of malaria tests and bednets.
- Specific vaccine coverage ranged from 74.8% for OPV 0 (indicator 3-1b) over 88.4% for yellow fever (indicator 3-6) and 89.5% for measles (indicator 3-5) to 92.5% for BCG (indicator 3-1a), 92.9% for OPV 3 (indicator 3-4a) and 93.4% for OPV 1 (indicator 3-2a). Full vaccination coverage (indicator 3-7) was achieved in 85.0% of cases. Timely vaccination coverage ranged from 30.2% in measles vaccination (indicator 3-8d) to 62.6% in Penta 1 coverage (indicator 3-8b). Neonates with neonatal tetanus protection (indicator 3-9) was at 66.2%. Children <5 years with fever having received antimalarial treatment (indicator 3-17) was 64.4%.

This WP presents the findings on child health indicators based on the baseline survey for the IE of PBF in Burkina Faso. It focuses particularly on vaccination and micronutrients coverage as well as on the management of three major childhood illnesses: acute respiratory infection (ARI), fever, and diarrhoea.

The main findings were: high specific vaccine coverage ranging from 92.5% for BCG to 88.4% for yellow fever. However, timely coverage remained very low ranging from 62.5% for BCG to 30.2% for measles.

This section presents:

- i. Case management of three major childhood diseases/symptoms (diarrhea; acute respiratory infection (ARI); fever) at health facilities,
- ii. Number of childhood diseases screened according to the IMCI approach,
- iii. The proportion of children aged U5YO sleeping under Insecticide Treated Nets (ITN) and
- iv. The proportion of children with a malaria positive RDT

Vaccination coverage indicators were obtained using information from health cards and from mother's verbal reports collected during the household survey.

Looking at coverage for specific vaccines (Table 36 & 37), 92.5% per cent of children have received the BCG vaccination, 74.8% received the birth dose of polio (OPV 0), around 93.3% received the first and second polio dose while 92.9% received the third polio dose. The proportions of children who received the first, and third dose of the pentavalent vaccine (diphtheria, tetanus, pertussis, influenza b and hepatitis B) are 90.5 and 91.4%, respectively. Vaccination coverage with vaccines recommended to be given the same day showed small difference (e.g. 93.4% for OPV 1 vs. 90.5% for Pentavalent 1), which is an indication of optimal use of opportunity, by vaccination providers to vaccinate children.

Differences in the proportion of children who received BCG by urban-rural residence (<2%), education level of mothers (<3.5%), were low. However, BCG coverage increased with wealth quintile, from around 90% in the lowest wealth quintile to around 95% percent in the highest quintile. BCG vaccination coverage varied between the regions (around 87% of children in the South West region vs. around 95% in the North region). This picture remained similar regarding the first dose, second and third dose of OPV and pentavalent vaccine.

Table 36. Vaccination coverage (Part I)

Background characteristics	3-1a: BCG Coverage		3-4b: Penta 3 Coverage		3-5: Measles Coverage	
	%	N	%	N	%	N
Zone of residence						
<i>Urban</i>	91.1	482	89.0	427	86.5	296
<i>Rural</i>	92.6	6,925	91.6	6,129	89.7	4,454
Region						
<i>Boucle du Mouhoun</i>	89.8	1,471	89.9	1,289	87.6	878
<i>Centre-Est</i>	92.0	1,127	85.8	1,009	85.9	761
<i>Centre-Nord</i>	94.1	1,941	93.5	1,720	92.3	1,278
<i>Nord</i>	94.7	2,277	95.1	2,017	91.6	1,503

<i>Sud- Ouest</i>	86.6	591	84.5	521	82.4	330
Caregiver's education level						
<i>None</i>	92.4	6,885	91.1	6,111	89.3	4,444
<i>Primary school</i>	93.6	359	95.2	312	92.4	223
<i>Secondary and more</i>	95.7	163	94.7	133	90.4	83
Quintile of economic well being						
<i>Poorest</i>	89.6	1,355	87.5	1,196	86.0	808
<i>Second quintile</i>	91.5	1,392	90.1	1,227	88.5	899
<i>Middle quintile</i>	91.1	1,480	90.7	1,312	89.1	940
<i>Fourth quintile</i>	94.2	1,553	93.3	1,380	91.5	1,014
<i>Least poor</i>	95.5	1,627	94.6	1,441	91.2	1,089
Study zone*						
<i>Interventions</i>						
<i>T1</i>	92.5	2,182	92.0	1,931	88.0	1,430
<i>T2</i>	93.7	1,494	91.8	1,320	92.3	980
<i>T3</i>	92.2	1,430	91.0	1,263	90.9	934
<i>T4</i>	89.1	595	89.0	519	88.4	345
<i>Control</i>	93.0	1,706	91.5	1,523	87.9	1,061
TOTAL*	92.5	7,407	91.4	6,556	89.5	4,750

*Hospitals (CHR/CMA excluded)

Around 90% of children received the measles vaccine and 88% had been vaccinated against yellow fever.

The proportion of fully vaccinated children aged 12-23 months (Table 37) was around 85% with a difference in the proportion of children fully vaccinated by urban-rural residence, wealth quintile, regions and intervention arms. Children living in rural areas (85 %) were slightly more likely to be fully vaccinated than children in urban areas (80%).

Table 37. Vaccination coverage (Part II)

Background characteristics		3.6: Yellow fever Coverage		3.7: Full vaccination Coverage	
Zone of residence		%	N	%	N
	<i>Urban</i>	86.5	297	79.8	94
	<i>Rural</i>	88.5	4,456	85.4	1,213
	Region				
<i>Boucle du Mouhoun</i>		87.5	878	84.6	234
	<i>Centre-Est</i>	82.5	761	76.0	208
	<i>Centre-Nord</i>	92.2	1,280	87.7	334
	<i>Nord</i>	90.5	1,504	89.4	432
	<i>Sud-Ouest</i>	79.7	330	76.8	99
Caregiver's education level					
	<i>None</i>	88.3	4,447	85.1	1,203
	<i>Primary school</i>	89.7	223	84.0	75

	<i>Secondary and more</i>	90.4	83	82.8	29
Quintile of economic well being					
	<i>Poorest</i>	85.7	809	82.8	233
	<i>Second quintile</i>	86.7	899	80.4	285
	<i>Middle quintile</i>	88.8	941	86.3	271
	<i>Fourth quintile</i>	89.9	1,014	87.4	247
	<i>Least poor</i>	89.9	1,090	88.2	271
Study zone					
<i>Interventions</i>					
	<i>T1</i>	87.4	1,430	85.4	411
	<i>T2</i>	90.7	982	91.1	259
	<i>T3</i>	88.9	935	84.1	252
	<i>T4</i>	88.4	345	82.1	95
<i>Control</i>		87.0	1,061	80.7	290
TOTAL		88.4	4,753	85.0	1,307

The proportion of children fully vaccinated increased with wealth quintile, from around 83% in the lowest wealth quintile to around 88% in the highest quintile. Full vaccination coverage varied between the regions, from around 76% of children in the “Centre-Est” region fully vaccinated to around 89% in the North region. Children living in areas randomized to intervention arms T1 (85%) and T2 (91%) were likely to be fully vaccinated compared to those living in areas randomized to intervention arms T3 (84%) and T4 (82%). There was no clear trend in the proportion of fully vaccinated children in relation to the education level of their mothers. Children of mothers who attended primary school were more likely (84%) to be fully vaccinated compared to mothers who attended the secondary school or higher (83%). However, these proportions were still lower than among children of mothers with no formal education (around 85%). Results by region are presented in Figure.14.

The term timely vaccination coverage used in Table 38 describes the proportion of children who received specific vaccines in a time window of one month (half week before to 4 weeks after the recommended age) around the recommended age for the specific vaccines. At one month of age, only 62.5% of the children in the study area had received BCG, which is recommended at birth. While the pentavalent vaccine is recommended at two months of age, the coverage at 3 months of age was only around 63%. Timely vaccination with the third dose of pentavalent vaccine and measles occurs in less than half of the children (46%) and less than one third (30%), respectively.

The comparison of vaccination coverage, given in Tables 36, 37 and Table 38, shows that that good vaccination coverage for individual vaccines did not necessarily imply timely vaccination. Given the generally high coverage currently achieved in the study area, timely vaccination coverage might be an additional adequate indicator for improvement of quality child health services.

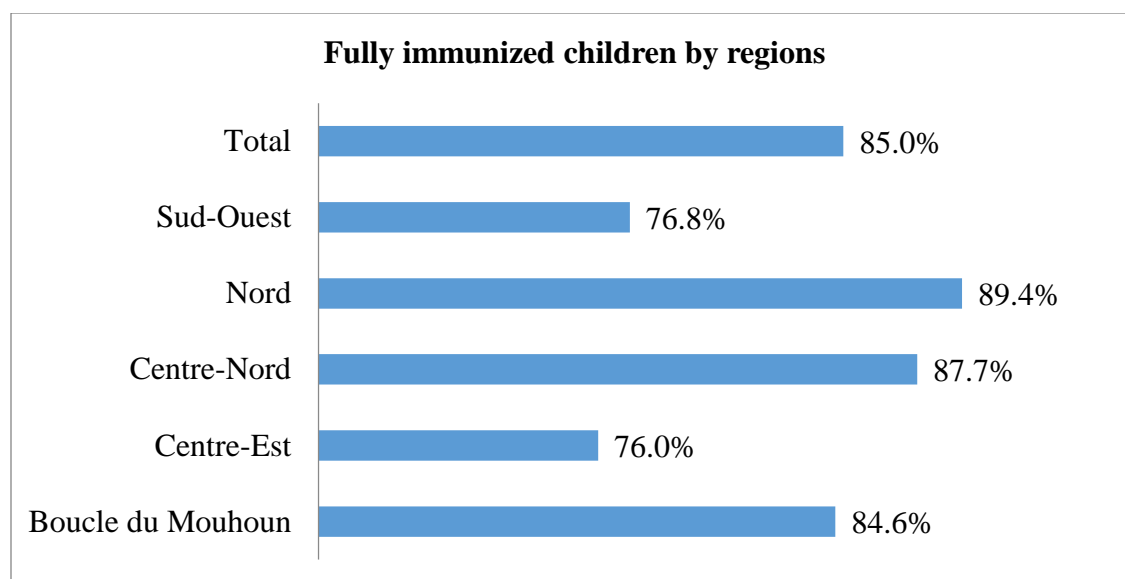


Figure 14. Proportion of fully immunized children by regions

Roughly 66% of women in the study regions received two or more tetanus injections during their last pregnancy, which represented the proportion of births, protected against neonatal tetanus (Table 39). The proportion of births protected against neonatal tetanus differed slightly by regions (highest proportion in Centre East (83%)), by socio-economic status (highest proportion in the highest quintile (70%)) and according to the education level women with the highest proportion (83%) for women with primary education level. The highest proportion of births protected against tetanus in relation to the intervention arms was in T4 (70%).

Table 38. Vaccination coverage (Part III)

Background characteristics	3.8a: BCG Timely Coverage		3.8b: Penta 1 Timely Coverage		3.8c: Penta 3 Timely Coverage		3.8d: Measles Timely Coverage	
	%	N	%	N	%	N	%	N
Zone of residence								
Urban	64.5	256	69.0	248	51.9	208	22.7	154
Rural	62.3	3,179	62.1	3,180	45.3	2,760	30.7	2,133
Region								
Boucle du Mouhoun	58.0	610	54.9	601	38.9	514	33.5	379
Centre-Est	71.8	475	69.8	470	52.8	415	33.3	333
Centre-Nord	66.9	1,047	67.3	1,070	50.6	929	27.7	740
Nord	56.0	1,016	57.8	1,012	42.4	863	29.8	665
Sud-Ouest	63.8	287	66.5	275	42.1	247	28.8	170
Caregiver's education level								
None	62.0	3,147	62.2	3,140	45.4	2,724	30.0	2,110
Primary school	67.7	195	69.8	199	51.4	175	30.3	132
Secondary and more	68.8	93	60.7	89	46.4	69	35.6	45

Quintile of economic well being									
	<i>Poorest</i>	59.5	593	59.7	610	41.1	530	30.1	396
	<i>Second quintile</i>	62.7	609	61.7	621	45.4	540	28.2	426
	<i>Middle quintile</i>	61.9	687	62.1	668	46.9	582	30.2	454
	<i>Fourth quintile</i>	63.5	759	63.8	756	47.7	654	30.4	497
	<i>Least poor</i>	64.2	787	64.9	773	47.0	662	31.7	514
Study zone*									
<i>Interventions</i>									
	<i>T1</i>	59.1	948	63.0	952	44.3	820	29.0	632
	<i>T2</i>	62.7	750	62.8	712	45.0	609	30.1	501
	<i>T3</i>	65.0	677	66.2	689	45.6	608	29.1	477
	<i>T4</i>	56.9	232	51.4	222	39.6	187	42.4	132
	<i>Control</i>	65.8	828	62.0	853	49.9	744	29.5	545
TOTAL*		62.5	3,435	62.6	3,428	45.8	2,968	30.2	2,287

Around 80% of children aged 6-59 months were reported to have received a vitamin A supplement (Table 39). The proportion of children receiving Vitamin A supplementation among under 3 years children (Table 39) was slightly higher (82%) compared to the proportion in the age group 6-59 months. Vitamin A supplementation among children aged 6-59 months was higher in the North (92%) and Centre North regions (83%) compared to the Centre East (74%), South West (69%) and Boucle of Mouhoun (65%) regions. The proportion of children aged 6-59 months receiving Vitamin A supplementation increase from 73% in lower wealth quintile to 85% in the higher wealth quintile.

Table 39. Vaccination coverage (Part IV)

Background characteristics		3.9: Neonates protected at birth against neonatal tetanus		3.10: Vita A Coverage among under 3		3.11: Vita A coverage among 6-59 months aged children	
Zone of residence		%	N	%	N	%	N
	<i>Urban</i>	67.8	311	80.0	155	78.0	346
	<i>Rural</i>	66.0	4,411	81.7	2,348	79.8	5,025
Region							
	<i>Boucle du Mouhoun</i>	71.7	980	69.7	452	65.0	1,028
	<i>Centre-Est</i>	82.6	678	74.9	410	73.9	876
	<i>Centre-Nord</i>	49.1	1,263	84.2	689	83.4	1,419
	<i>Nord</i>	65.8	1,396	93.0	761	91.7	1,635
	<i>Sud-Ouest</i>	79.8	405	69.6	191	68.5	413
Caregiver's education level							
	<i>None</i>	66.1	4,690	82.0	2,366	79.9	5,017
	<i>Primary school</i>	82.6	23	77.0	100	78.0	255
	<i>Secondary and more</i>	66.7	9	73.0	37	74.7	99

Quintile of economic well being							
	<i>Poorest</i>	64.7	911	75.5	413	73.3	956
	<i>Second quintile</i>	63.3	908	76.5	455	75.9	1,010
	<i>Middle quintile</i>	67.1	940	81.6	485	79.0	1,069
	<i>Fourth quintile</i>	65.7	950	84.0	557	82.9	1,125
	<i>Least poor</i>	69.6	1,013	87.5	593	85.4	1,211
Study zone*							
Interventions							
	<i>T1</i>	66.8	1,360	84.4	745	81.6	1,591
	<i>T2</i>	67.6	926	84.5	529	84.1	1,102
	<i>T3</i>	59.7	924	82.3	486	82.5	1,052
	<i>T4</i>	69.8	377	69.1	181	65.7	417
	<i>Control</i>	68.3	1,135	78.6	562	75.4	1,209
TOTAL		66.2	4,722	81.6	2,503	79.7	5,371

Differences regarding the proportion of children aged 6-59 months were given between the intervention arms with the lowest proportion in the intervention arm T4 (66%).

The average score of under-five providers with knowledge of the vaccination schedule (Table 40) of all specific vaccines (each score scales between 1 and 5) was around 1.9 (SD= 0.4). Under-five providers in Centre East region (2.0) showed the highest score compared to providers working in other regions.

For the calculation of case management, we considered that management was correct for each case where the health worker used the correct treatment according to the protocol applied in Burkina Faso.

Table 40. Vaccination coverage (Part V)

Background characteristics		3.12: U5Y0 Providers knowledge on vaccination schedule (each score scale of 1-5)		
Zone of residence		Mean	SD	N
	<i>Urban</i>	1.9	0.5	252
	<i>Rural</i>	1.9	0.4	913
Level of health facility				
	<i>Primary</i>	-	-	-
	<i>Secondary</i>	-	-	-
	<i>Private</i>	-	-	-
Region				
	<i>Boucle du Mouhoun</i>	1.9	0.4	272
	<i>Centre-Est</i>	2.0	0.4	151
	<i>Centre-Nord</i>	1.9	0.3	328
	<i>Nord</i>	1.8	0.5	364
	<i>Sud-Ouest</i>	1.7	0.5	72
TOTAL		1.9	0.4	1,187

Study zone*				
Interventions				
	<i>T1</i>	1.8	0.5	331
	<i>T2</i>	1.9	0.4	204
	<i>T3</i>	1.9	0.4	190
	<i>T4</i>	1.9	0.2	101
Control				
		1.9	0.4	223
TOTAL				
		1.9	0.4	1,187

The second indicator was calculated by creating a score for each case, which measured screening according to the IMCI approach. We used in each case 10 specific indicators for correct management (indicators 2-80-2-90 of WP2). Each score scale between 1 and 10 and we have calculated an average score.

The major results showed that 50% of diarrhea cases, 43% for ARI and 64% of children U5YO with fever, had been correctly managed.

In addition, 73% of children U5YO slept under insecticide-treated nets and 37% tested positive for malaria. The proportion of children with fever who received treatment with any antimalarial was higher in rural areas (68%) than urban (46%) (Table 41).

The average score of childhood disease cases screened according to IMCI approach was the highest in the “Boucle du Mouhoun” region (mean=6; SD=1.8) and the lowest in the “Centre-Nord” and “Sud-Ouest” regions (mean=4.7; SD=1.9).

The proportion of children U5YO with diarrhea who received oral rehydration therapy especially varied by zone of residence and level of health facility. This proportion was higher in rural areas (14%) and primary health facilities (13%) than in urban (4%) and secondary health facilities (0%).

Table 41. Case management - Child health

Background characteristics		3.17: Children aged < 5 years with fever who received treatment with any antimalarial	
		%	N
Zone of residence			
	<i>Urban</i>	45.8	203
	<i>Rural</i>	67.8	1,097
Level of health facility			
	<i>Primary</i>	66.0	1,192
	<i>Secondary</i>	36.0	75
	<i>Private</i>	69.7	33
Region			
	<i>Boucle du Mouhoun</i>	66.9	266

<i>Centre-Est</i>	76.7	210
<i>Centre-Nord</i>	56.4	367
<i>Nord</i>	60.1	308
<i>Sud-Ouest</i>	71.1	149
TOTAL	64.4	1,300
Study zone*		
<i>Interventions</i>		
<i>T1</i>	63.9	371
<i>T2</i>	70.8	274
<i>T3</i>	65.0	257
<i>T4</i>	59.8	112
<i>Control</i>	68.7	211
TOTAL*	66.1	1,225

For the proportion of children U5YO sleeping under ITN and the proportion of malaria positive tests among children, we mainly observed differences by region. The highest proportion of children sleeping under ITN was found in the “Boucle du Mouhoun” region (88%) and the lowest in “Sud- Ouest” region (59%). Also in the “Sud- Ouest” region, the proportion of malaria positive tests among children was the highest (64%) while “Centre-Nord “region had the lowest (25%).

3.5. Nutrition (WP4)

- Work package 4 elaborates on nutrition of children and mothers.
- 21 indicators were computed with 11 being considered key indicators.
- The main themes of indicators cover breastfeeding, growth monitoring in health facilities, malnutrition and anemia.
- Timely initiation of breastfeeding, within first hour after delivery, (indicator 4-2) was measured in 36.1% of cases. 56.0% reported exclusive breastfeeding in 0-6 months (indicator 4-4). Growth monitoring of children (indicator 4-6) was conducted in 21.6% of cases. Severe stunting 0-59m (indicator 4-7) was reported in 24.0% of cases. Some level of anemia could be detected among 88.3% of children (6-59 months), indicator 4-14.

This section presents nutrition indicators for children and women. There are several indicators, including:

- iv. Breastfeeding and timely initiation of breastfeeding,

- v. Growth monitoring of children U5YO,
- vi. Children's nutritional status,
- vii. Prevalence of anemia in these children,
- viii. Prevalence of anemia in women aged between 15 to 49 years.

The main results showed that 98% of children born in the past five years had been breastfed for some time. For last-born children ever breastfed, 36% started breastfeeding within one hour of birth. More than half the children under 6 months were exclusively breastfed (56%). Overall, 53% of children aged between 6-9 months who still breastfeed had also received complementary feeding (semi-liquids and/or semi-solid food).

Overall, 21% of children had benefited from growth monitoring.

Regarding nutritional status of children, 24% of them were severely stunted while 11% had severe acute malnutrition.

The prevalence of anemia was high among children aged 6-59 months. Indeed, 88% of them had some level of anemia. Among women aged 15-49 years the prevalence of anemia was 66%.

3.5.1. Breastfeeding and Timely initiation of breastfeeding

Children in urban areas were slightly more likely to have received breast milk during the first hour after birth (39%) than children in rural areas (36%). The proportion of women initiating breastfeeding within an hour of birth was highest in the “Nord” region (56%) and lowest in the “Centre-Est” region (16%).

The proportion of children who received early breastfeeding varied with mother's education level. Whereas 46% of newborns from mothers who had secondary and more education level were breastfed one hour after birth, only 35% of newborns whose mothers had no instruction were breastfed so promptly. Regarding study arms, the proportion of children who received breastfeeding one hour after birth was mostly higher in interventions arms than the control arm (Table 42).

Table 42. Breastfeeding and timely initiation of breastfeeding

Background characteristics	4-2 Timely initiation breastfeeding (within the first hour after delivery)		4-4 Exclusive breastfeeding (0-6months)	
	%	N	%	N
Zone of residence				
<i>Urban</i>	38.6	202	45	20
<i>Rural</i>	35.9	2,892	56.6	339
Region				
<i>Boucle du Mouhoun</i>	33.2	558	47.4	57
<i>Centre-Est</i>	15.8	385	25	4
<i>Centre-Nord</i>	28.4	909	52.7	146
<i>Nord</i>	56.1	998	63.2	152
<i>Sud-Ouest</i>	21.7	244	0	0
Place of delivery				
Health Facility	35.5	310		
Home & others	36.2	2,784		
Mother's education level				
None	35.3	2,812	56.3	320
Primary school	43.5	184	44.8	29
Secondary and more	45.9	98	80	10
Study zone				
Interventions				
<i>T1</i>	41.1	828	62	79
<i>T2</i>	33.4	604	55.6	63
<i>T3</i>	36.2	594	50	36
<i>T4</i>	35.9	206	59.1	22
Control	33.2	862	54.1	159
Quintile of economic well being				
<i>Poorest</i>	32.1	636	50.7	71
<i>Second quintile</i>	35	614	53.2	77
<i>Third quintile</i>	36	623	59.5	74
<i>Fourth quintile</i>	37.5	616	63.9	72
<i>Least poor</i>	40.2	605	52.3	65
TOTAL	36.1	3,094	56	359

3.5.2. Growth monitoring and children nutritional status

The results showed that 21% of children have benefited from growth monitoring. The “Centre-Est” region was where the growth monitoring was the highest (27%) and the “Sud-Ouest” where

it was lowest (16%). The age period between 6 and 11 months was when children had the highest follow-up (39%) while between 36-47 months follow-up in growth was the lowest (8.5%).

Children whose mothers were educated had more monitoring (27%) than those whose mothers were not educated (21%) (Table 43).

Table 43. Growth monitoring and severe acute malnutrition

Background characteristics		4-6 Growth monitoring 0-59 months		4-13: Severe acute malnutrition (WHZ<-3SD)	
		%	N	%	N
Zone of residence					
	<i>Urban</i>	24.3	609	10.1	483
	<i>Rural</i>	21.4	8,610	11.2	6,642
Region					
	<i>Boucle du Mouhoun</i>	17.3	1,866	9.6	1,629
	<i>Centre-Est</i>	26.6	1,345	8.3	899
	<i>Centre-Nord</i>	22.4	2,433	7.7	1,975
	<i>Nord</i>	23.0	2,787	19.1	1,933
	<i>Sud-Ouest</i>	15.7	788	5.7	689
Age groups					
	<6 months	23.0	1,357	13.4	1,025
	6-11 months	39.4	1,330	8.4	1,092
	12-23 months	29.5	2,528	10.9	2,036
	24-35 months	15.2	1,128	11.1	923
	36-47 months	8.8	1,469	11.8	1,067
	48-59 months	7.7	1,397	11.6	982
Mother's education level					
	None	21.1	8,552	11.2	6,609
	Primary school	28.3	467	10.3	359
	Secondary and more	28.0	200	10.2	157
Study zone					
<i>Interventions</i>					
	<i>T1</i>	23.5	2,702	11.7	2,088
	<i>T2</i>	23.3	1,852	10.9	1,424
	<i>T3</i>	22.9	1,807	11.0	1,350
	<i>T4</i>	17.2	728	7.3	617
<i>Control</i>					
		18.1	2,130	12.1	1,646
Quintile of economic well being					
	<i>Poorest</i>	21.5	1,680	11.0	1,306
	<i>Second quintile</i>	19.4	1,723	11.9	1,278
	<i>Third quintile</i>	21.9	1,844	10.4	1,429
	<i>Fourth quintile</i>	20.8	1,955	10.8	1,516
	<i>Least poor</i>	23.9	2,017	11.6	1,596
TOTAL		21.6	9,219	11.1	7,125

Regarding study arms, a difference was observed between the arms T1, T2, T3 (which have the proportions of 23.5, 23 and 23 %, respectively) and T4 and the control arm (with 17 and 18%, respectively).

3.5.3. Severe and moderate stunting 0-59 m

Table 44 shows the stunting of children under five. We classified severe (children whose height-for-age Z-score (HAZ) was below three standard deviations ($-3SD$)) and moderate stunting (HAZ was between -3 and $-2SD$). Children aged 12-35 months were most likely to be severely stunted (29.5%) and those less than 6 months were the least likely to be stunted (18%).

Table 44. Severe and moderate stunting 0-59 m

Background characteristics		4-7 Severe and 4-8 Moderate stunting 0-59m		
		<-3SD	-3SD <HAZ<-2SD	N
Zone of residence				
	Urban	24.7	20.3	482
	Rural	23.9	21.7	6,796
Region				
	Boucle du Mouhoun	25.6	20.1	1,624
	Centre-Est	31.0	22.6	878
	Centre-Nord	22.0	20.0	2,003
	Nord	21.9	23.0	2,066
	Sud-Ouest	23.2	24.2	707
Age groups				
	<6 months	18.1	14.1	1,124
	6-11 months	20.6	18.6	1,1106
	12-23 months	29.5	22.9	2,057
	24-35 months	29.5	25.2	924
	36-47 months	23.6	24.7	1,059
	48-59 months	18.3	23.7	1,008
Mother's education level				
	None	24.3	21.4	6,742
	Primary school	20.2	24.2	372
	Secondary and more	18.9	22.6	164
Study zone				
Interventions				
	T1	25.4	21.5	2,145
	T2	22.1	22.2	1,455
	T3	23.6	22.6	1,408
	T4	28.7	18.5	616
	Control	22.4	21.4	1,654
Quintile of economic well being				
	Poorest	26.5	20.5	1,330

<i>Second quintile</i>	24.2	21.0	1,297
<i>Third quintile</i>	23.8	22.4	1,456
<i>Fourth quintile</i>	23.6	23.2	1,557
<i>Least poor</i>	22.2	20.6	1,638
TOTAL	24.0	21.6	7,278

Severe stunting decreased as mother's education level and wealth quintile increased.

For different arms of the study, severe stunting was the highest in T4 (29%) and lowest in T2 (22%).

The proportion of children with severe acute malnutrition was the highest in the "Nord" region (19%) and the lowest in the "Sud-Ouest" region (6%).

3.5.4. Children's anemia

Table 45 presents anemia prevalence for children aged 6-59 months. Children with anemia (Hemoglobin concentration below 11g/dl) were classified into three groups according to the level of hemoglobin in their blood:

- Slight: hemoglobin concentration 10.0-10.9 g/dL
- Moderate: hemoglobin concentration 7.0-9.9 g/dL
- Severe: hemoglobin concentration less than 7.0 g/dL

Overall, 88% of children aged 6-59 months had some level of anemia with 20% slightly anemic, 64% moderately anemic, and 16% with severe anemia. Prevalence of any anemia was the highest in the group age 24-35 months (91%) and the lowest for the age groups 48-59months (86%). Results by socio-economic status are presented in Figure 15.

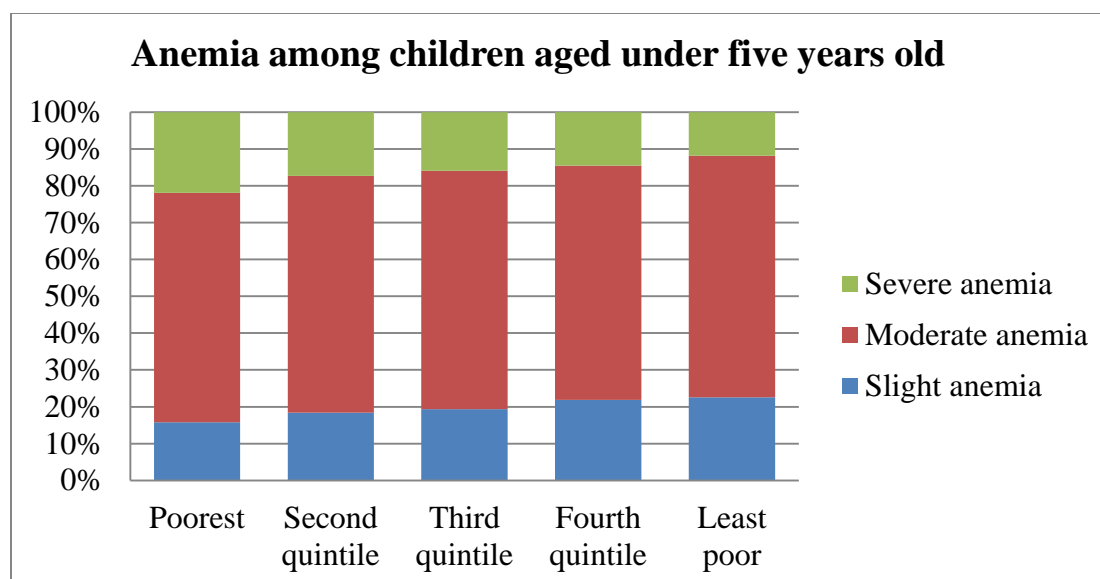


Figure 15. Prevalence of anemia among children aged U5YO by socio-economic status

By region, children in the “Sud-Ouest” and “Centre-Nord” regions (95 and 92%, respectively) were the most likely to be anemic, while children in the “Nord” and “Centre-Est” regions were the least likely to be anemic (84 and 85%, respectively). The percentage of children with anemia decreased as the level of mother’s education level and wealth quintile increased (Figure 15).

By study arms, prevalence of anemia was the highest in T3 (91%) and the lowest in the control and T1 arms (87%).

Table 45. Children anemia

Background characteristics		4-14 Anemia (<11g/dl)	
		%	N
Zone of residence			
	<i>Urban</i>	89.2	461
	<i>Rural</i>	88.3	6,234
Region			
	<i>Boucle du Mouhoun</i>	87.6	1,464
	<i>Centre-Est</i>	84.8	896
	<i>Centre-Nord</i>	92.4	1,782
	<i>Nord</i>	84.5	1,893
	<i>Sud-Ouest</i>	94.7	660
Age groups			
	6-11 months	86.2	1,224
	12-23 months	89.8	2,260
	24-35 months	90.7	983
	36-47 months	87.7	1,153
	48-59 months	86.0	1,075

Mother's education level		
	None	88.4
	Primary school	87.9
	Secondary and more	84.1
Study zone		
Interventions		
	T1	86.8
	T2	89.6
	T3	91.2
	T4	88.4
Control		
		86.7
Quintile of economic well being		
	Poorest	91.2
	Second quintile	88.2
	Third quintile	87.3
	Fourth quintile	87.8
	Least poor	87.4
TOTAL		
		88.3

3.5.5. Women's anemia

Table 46 shows the prevalence of anemia in women aged 15-49 years. Overall, 66% of women aged between 15 and 49 years were anemic. The greatest majority of women were moderately anemic (58%), while 37% were slightly anemic and 4% severely anemic. Prevalence of any anemia was the highest in the group age 45-49 years (75%) and the lowest for the age groups 20-29 years (64%).

By region, women in the “Centre-Est” region were the most likely to be anemic (83%) and women in the “Centre-Nord” region were the least likely (58%).

Table 46. Women anemia

Background characteristics		4-18: Anemia (NP ⁴ <12g/dl; P <11g/dl)	
Zone of residence		%	N
	Urban	60.9	404
	Rural	66.7	5,773
Region			
	Boucle du Mouhoun	59.5	1,179
	Centre-Est	82.8	1,261
	Centre-Nord	58.4	1,687
	Nord	65.2	1,455
	Sud-Ouest	69.7	595
Age groups			
	15-19 years	67.1	888

⁴ NP: Non pregnant and P: Pregnant

	20-24 years	64.2	1,557
	25-29 years	34.2	1,483
	30-34 years	67.5	1,103
	35-39 years	68.9	663
	40-44 years	70.0	353
	45-49 years	74.6	130
Study zone			
<i>Interventions</i>			
	<i>T1</i>	66.3	1,895
	<i>T2</i>	68.1	1,426
	<i>T3</i>	66.5	1,389
	<i>T4</i>	59.2	461
<i>Control</i>		66.6	1,006
Quintile of economic well being			
	<i>Poorest</i>	63.5	1,094
	<i>Second quintile</i>	66.8	1,151
	<i>Third quintile</i>	68.8	1,225
	<i>Fourth quintile</i>	67.7	1,288
	<i>Least poor</i>	64.5	1,419
TOTAL		66.3	6,177

3.6. Human Resources and Management of Health Care Facilities (WP 5)

- Work package 5 elaborates on the management of health care facilities and human resources.
- 66 indicators were computed with 6 being considered key indicators.
- The main themes of indicators cover working conditions and human resources at health care facility level and at individual level of health staff, as well as indicators related to satisfaction, motivation and performance of health staff.
- The health worker density per 1000 population (indicator 5-3) was at 0.6 and the caseload per clinical staff in the last month (indicator 5-4) was as 159.8 patients. 83.4% of staff was present at work on the day of the facility visit (indicator 5-15). The satisfaction with working conditions (indicators 5-13a-i) ranged from 4.2 for compensation to 8.1 in the relationship with colleagues (0 lowest, 10 highest).

- i. Provider survey sample description:* Table 8 section 3.1.1 shows the number of health workers interviewed by health worker type. 23% (n=284) of the survey participants were based in an urban setting, 77% (n=925) in a rural setting. 85.5% (n=1,036)

worked in a primary level facility, 12% (n=143) in a secondary level facility, and 2.5% (n=30) in a private facility. Survey participants had been working in their current function for 6 years on average (SD= 4.8, n= 1202), and at their current facility for 3 years (SD= 2.7, n=1191).

- ii. **Definition “clinical staff”:** In accordance with the WHO Global Health Workforce Statistics classification, we included as clinical staff in the calculation of the indicators in WP5: medical doctors (specialists and generalists), nurses (infirmier diplômé d’état, infirmier breveté, attaché de santé), midwives (sagefemme d’état/maïeuticien d’état), and assistant midwives (accoucheuse brevetée, accoucheuse auxiliaire). In addition, we also included the AIS, as in common practice they provide curative services along with the other clinical cadres, despite not being officially expected to do so according to the national policy.
- iii. **AIS:** The survey results confirm this common practice with 97% of AIS reporting to have performed curative consultations for children and adults in the 3 months prior to the survey, 81% ANC consultations, 87% deliveries, and 74% postnatal consultations. It should be noted that curative and maternal services are not part of the AIS initial training curriculum. Only about 1/3 of the AIS reporting to have performed child curative consultation, ANC consultations, and deliveries, have been specifically trained to do so following their initial formation⁵. 6 AIS reported to be the facility in-charge.
- iv. **Staffing levels:** For all indicators pertaining to clinical staff numbers, secondary level facilities were excluded. This decision was made because – as became clear during supervisory visits and when inspecting the data – interviewer teams took inconsistent approaches on how to deal with the registration of the high number of staff in hospital settings, thus making comparability challenging.
- v. **Inclusion criteria:** the *n* for the different indicators varies according to differential inclusion criteria (e.g. including or excluding secondary level facilities) and according to the proportion of missing information in the original responses. Only observations with information available for both numerator and denominator (per indicator) are included.

3.6.1. Can do factors

3.6.1.1. Staff requirement (Indicator 5-1)

According to the national policy, the minimum staffing requirements for each public primary health care facility are one nurse, one midwife (including assistant midwives), and one AIS.

As annex III (WP5 2.) shows, 65% of facilities fulfilled these minimum staffing requirements. There was some variation between regions, with almost 80% of facilities having sufficient staff

⁵ Training types considered: Child curative consultations: IMCI (PCIME Clinique); ANC: Focused ANC (CPN recentrée); delivery: BEmONC (SONUB)

in Sud-Ouest, but only 52% of facilities in Centre-Nord. In urban settings, a higher percentage of facilities had sufficient staff (77% as compared to 64% in rural settings).

There were no significant differences between intervention arms T1, T2, T3, and T1 and T4 in Boucle du Mouhoun (see Annex III, WP5 3.). All facilities in the control arm in Boucle de Mouhoun fulfilled the minimum staffing norms, while only 67% did so in the intervention arms.

3.6.1.2. Financial resources per capita catchment population (**Indicator 5-2**)

Health facilities receive funding from a number of sources, most importantly: the government, user fee revenues, drug sales, and donors such as save the children and UNICEF. We were unable to calculate a total facility budget due to lack of information available at the facility level on the exact magnitude of government funding. Specifically, government funding consists of salaries of health personnel – which are paid directly to health workers from the central level – as well as of ‘credit’ at the district level for procurement of drugs, equipment, and other supplies. As a remarkable share of facilities seemed unaware of the magnitude of this non-cash government funding – an interesting finding in itself – we were unable to obtain a reliable estimate using survey data.

Therefore, annex III (WP5 2.) shows only the funding per capita catchment population accrued from user fees, drug sales, and donors, as of 2012. We adjusted the information on facility-level catchment population - obtained from the survey and referring to the year in which the survey was conducted (i.e. 2013 or 2014) - to 2012, using regional population growth figures in accordance with the “Annuaire statistique” of the MoH (2013). CHR were excluded as their catchment population does not match the survey sampling strategy. The percentage of missing information was rather high, varying between 14 and 20 % for the three items. The information should thus be interpreted with care.

Drug sales contributed the most to facility budgets in 2012, with 896 Franc Communauté Financière Africaine (FCFA) (SD= 716, n= 352) per capita catchment population. User fees contributed 113 FCFA (SD= 155, n= 354). Overall, donors contributed 50 FCFA (SD= 248, n = 378); however, only 8 % of facilities received donor funding at all, mostly in the Centre-Nord region. Those who did receive funding received on average 595 FCFA (SD= 645, n = 32).

No significant differences for intervention arms T1, T2, and T3, and T1 and T4 in Boucle du Mouhoun, were apparent (see Annex III, WP5 3.). Differences between intervention and control facilities existed insofar as control facilities had obtained somewhat more in drugs sales, but much less in donor funding.

A small number of facilities reported having received funding from additional sources. Specifically, only one facility in Kaya district reported having received funds from a confessional organization. 10 facilities, all in Kaya district, reported having received funds from health insurance (mean = 464 FCFA per catchment population, SD= 329 FCFA). 20 facilities

reported having received funds from the local communities (mean = 23 FCFA per capita catchment population, SD= 35 FCFA). Only the CHR Ouahigouya reported having received funding from a PBF scheme (25,897,665 FCFA).

3.6.1.3. Health worker density (**Indicator 5-3**)

As Table 47 and Figure 16 show, most facility catchment areas were served by far less than one clinical staff per 1000 catchment population (mean = .6, SD= .5, n = 411), with significant variation between facilities. Not surprisingly, staff density was higher in urban than in rural areas. There were no significant differences between the intervention arms, but density was higher in control than in intervention facilities both in Boucle du Mouhoun and in the other regions (see Table 47).

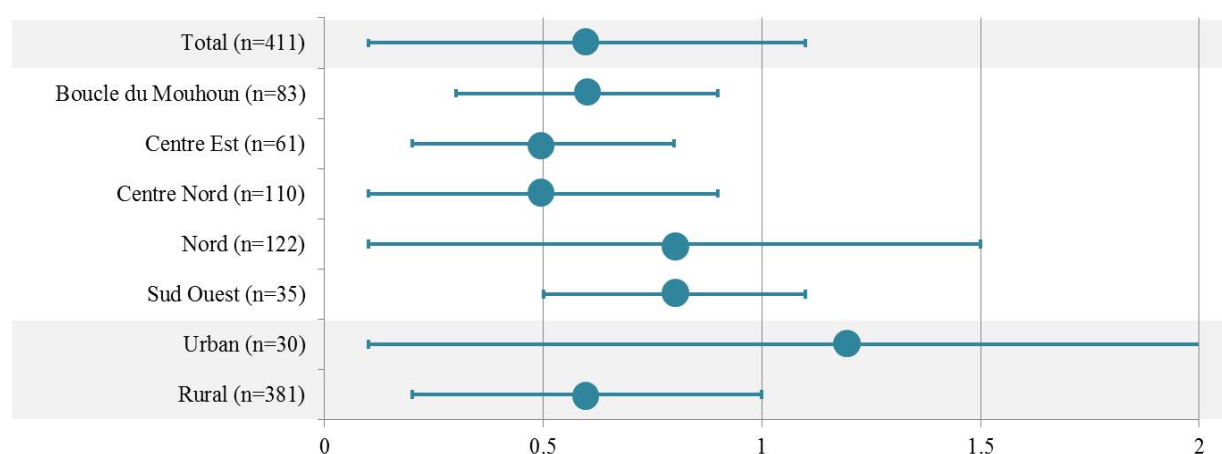


Figure 16. Average number of health workers per 1000 catchment population calculated at facility catchment area level (bars indicate +/- one SD).

Table 47. Key indicators - Health workers

Background characteristics		5-3 Health worker density* <i>Facility level</i> (Clinical staff per 1000 catchment population)			5-4 Caseload* <i>Facility level</i> (Number of patients per clinical staff in last month; calculated at facility level)			5-9 Performance evaluation <i>Health worker level</i> (Percentage of respondents having been evaluated for their performance in the last 12 months)		5-12 Perceived individual agency <i>Health worker level</i> (Degree to which clinical staff feels they can influence and have a certain degree of control over what happens at the facility; 0=not at all, 10=completely)		
Zone of residence		mean	SD	n	mean	SD	n	%	n	mean	SD	n
Urban		1.2	1.1	30	110.5	64.4	38	53.8	195	5.5	2.8	265
Rural		0.6	0.4	381	165.7	120.8	380	65.1	598	6.6	2.5	860
Level of health facility												
Primary		0.6	0.5	408	161.7	118.7	409	65.3	659	6.5	2.5	965
Secondary		-	-	-	-	-	-	50.45	117	4.5	2.6	132
Private		0.8	0.6	3	70.4	39.7	9	29.4	17	7.5	1.9	28
Region												
Boucle du Mouhoun		0.6	0.3	83	128.5	72.2	84	69.7	195	6.4	2.6	258
Centre-Est		0.5	0.3	61	292.4	145.1	62	55.6	124	5.3	2.8	125
Centre-Nord		0.5	0.4	110	170.6	126.2	113	54.0	198	6.5	2.4	320
Nord		0.8	0.7	122	118.4	80.4	122	68.6	220	6.5	2.6	355
Sud-Ouest		0.8	0.3	35	111.7	44.0	37	55.4	56	5.9	2.9	67
Health worker type												
Medical doctor								0.0	1	7.8	2.5	3
Nurse								66.2	328	6.9	2.5	484
Midwife								47.9	73	4.7	2.8	119
Assistant midwife								57.5	212	5.9	2.6	277
AIS								67.0	179	6.4	2.4	242
TOTAL		0.6	0.5	411	159.8	118.3	418	62.3	793	6.3	2.6	1,125
Study zone*												
Intervention												
T1		0.6	0.7	117	164.5	103.8	125	61.4	220	6.6	2.5	310
T2		0.6	0.4	85	181.8	140.7	84	66.2	133	6.6	2.7	193
T3		0.5	0.3	83	183.9	146.9	83	57.3	117	6.2	2.6	185
T4		0.5	0.3	33	148.4	62.8	34	64.1	64	6.8	2.3	96
Control		0.8	0.5	93	115.7	86.5	92	73.2	142	6.6	2.5	209
TOTAL*		0.6	0.5	411	159.8	118.3	418	64.3	676	6.6	2.5	993

*Hospitals (CHR/CMA) excluded

3.6.1.4. Caseload (**Indicator 5-4**)

Each facility was asked to report their number of patients in the last month as recorded in their registers, including under 5 and adult outpatients, deliveries, pre- and postnatal checkups, and under 5 routine services (growth monitoring, vaccinations, etc.). The indicator was calculated for each facility as the total number of patients divided by the number of clinical staff working at the facility.

As Table 47 and Figure 17 show, facilities reported 160 patients per clinical staff (SD= 118, n = 418) in the month prior to the survey on average, with significant variation between facilities. Assuming 24 working days per month per clinical staff, this is equivalent to 6.7 patients per clinical staff per day (SD=4.9, n=418).

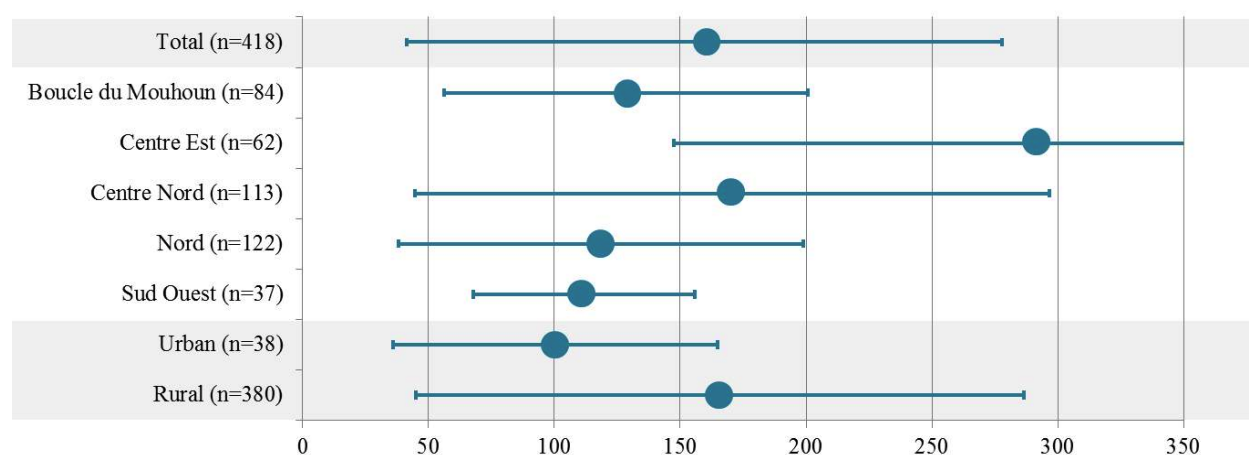


Figure 17. Average number of patients per clinical staff member calculated at facility catchment area level (bars indicate +/- one SD).

Given the higher number of clinical staff in urban settings, the caseload per health worker tended to be lower (111 vs. 166 in rural settings). In the Centre-Est region, the caseload was much higher than in the other regions. This can only partially be explained by a comparatively low health worker density. There were no significant differences between the different intervention arms (see Table 47.). Control facilities, however, reported much lower caseloads than intervention facilities, both in Boucle du Mouhoun and in the other regions.

3.6.1.5. Facility performance evaluation (**Indicator 5-5**)

As Figure 18 shows, more than two thirds of all facilities reported to have been externally evaluated for their performance at least once in the year prior to the survey (70.8 %; n = 418)⁶.

⁶ Exact survey question: « Au cours des 12 derniers mois, combien de fois le rendement générale de la formation sanitaire a-t-il été évalué en externe, c'est à dire par des personnes étrangères à la formation sanitaire ? »

However, substantial differences between regions, and between intervention arms and control groups existed both in Boucle du Mouhoun and in the other regions (see also Annex III, WP5 3.).

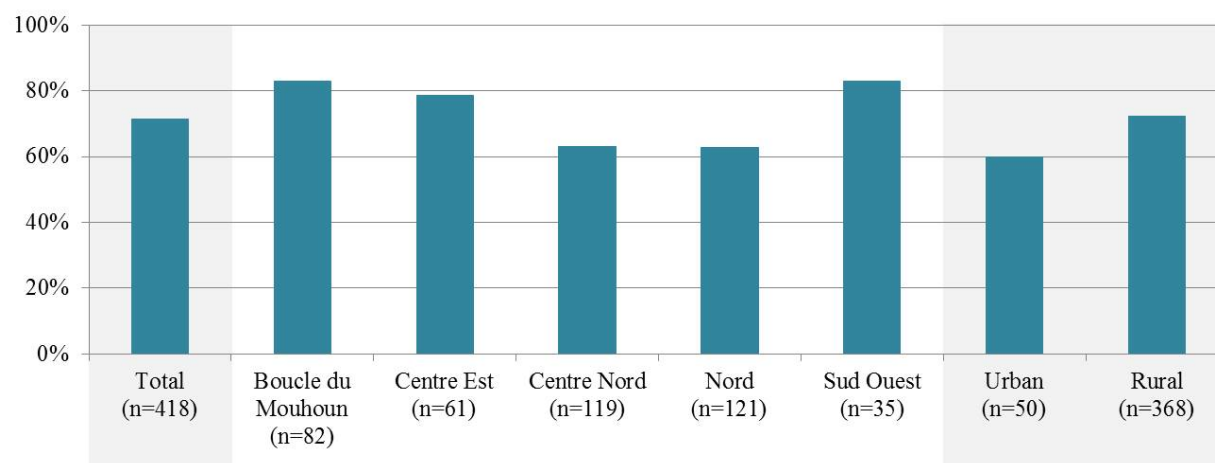


Figure 18. Percentage of health facilities externally evaluated at least once in the year prior to the survey

3.6.1.6. Perceived management autonomy (Indicator 5-6)

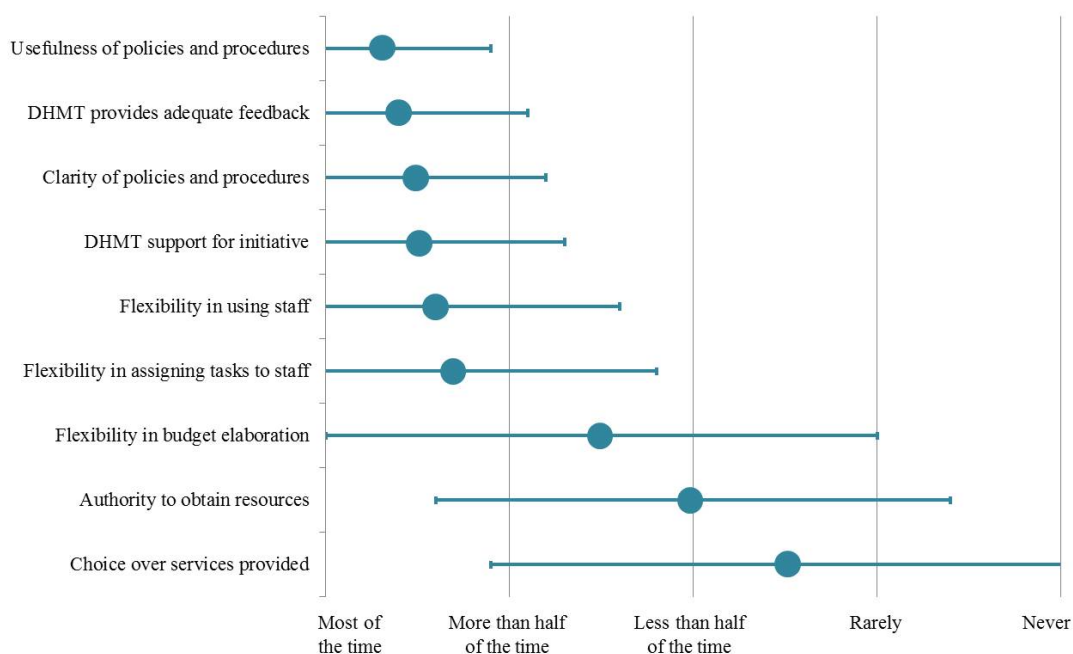


Figure 19. Average level of managerial autonomy on different dimensions as reported by the health facility in charge (bars indicate +/- one SD)

Perceived management autonomy was assessed with a series of statements on different aspects of management autonomy. The head of the facility was asked to what extent the statements applied

to her or his facility “most of the time”, “more than half of the time”, “less than half of the time”, “rarely”, or “never”. In order to ease interpretation, we treated the answer scale as a continuous scale in this analysis. However, we recommend applying a more advanced psychometric technique for the IE and further in-depth analysis.

As Figure 19 shows, overall, facilities felt that “more than half of the time”, they had flexibility in assigning staff to tasks. Additionally they reported to have had a “District Health Management Team” support both in terms of feedback and with regard to their own initiative “more than half of the time”, as well as useful and clear policies and procedures to follow (see also Annex III, WP5 2.). With regard to authority and flexibility in budgetary and resources management issues, as well as the portfolio of services to be provided, however, facilities reported less autonomy. There were no statistically significant differences between the intervention arms.

3.6.1.7. Incentives and salary top-up payments per clinical staff (**Indicator 5-7**)

Overall, and on average, facilities paid a total of 78,558 FCFA (SD= 95,442, n = 349) per clinical staff in incentives and salary top-ups in 2012 (see Annex III, WP5 2.) Included in this figure were 26% of all facilities that did not pay any incentives and salary top-ups. When only facilities that did pay at all were considered, the amount per clinical staff rose to 106,267 FCFA (SD= 96,843, n = 258).

The amount of incentives and salary top-ups paid per clinical staff was almost twice as much for rural than for urban facilities, both overall and when only facilities that did pay at all were considered. Likewise, intervention facilities reported to have paid more than control facilities. There was substantial variation between regions, with Centre-Est facilities having paid by far the most, and Sud-Ouest facilities having paid the least. Differences also existed between the intervention arms, though none statistically significant (see Annex III, WP5 3.).

Two notes of caution: Only 82% of facilities reported information on this indicator. The results should thus be interpreted with care. In addition, the survey did not generate reliable information on staffing levels in 2012. Since, at least at district level, no general trend in the development of health worker numbers was visible from the MoH (Annuaire statistique, 2013), we used staffing levels at the time of the survey as a proxy for staffing levels in 2012.

3.6.1.8. Health worker training levels (**Indicator 5-8**)

Annex III (WP5 2.) gives an overview of standard continuous training courses provided by the MoH, as well as the percentage of health workers who had undergone the different courses in the year prior to the survey. As Figure 20 shows, training courses related to child health (IMCI, malnutrition, Expanded Program on Immunization, PMTCT) were attended by a particularly large share of the health workforce, with up to 29 % of all surveyed health workers attending. Between 5.0 and 8.5 % of health workers attended courses in malaria diagnostics and management, family planning, focused ANC, BEmONC, and newborn reanimation. Very few

health workers attended non-clinical training relevant to the PBF intervention such as pro-poor targeting (0.3 %), user fee exemption (0.7 %), health insurance (0.2 %), and financial management (2.0 %).

There was substantial variation between regions, intervention arms, and intervention and control facilities, but no apparent trends (see Annex III, WP5 3.).

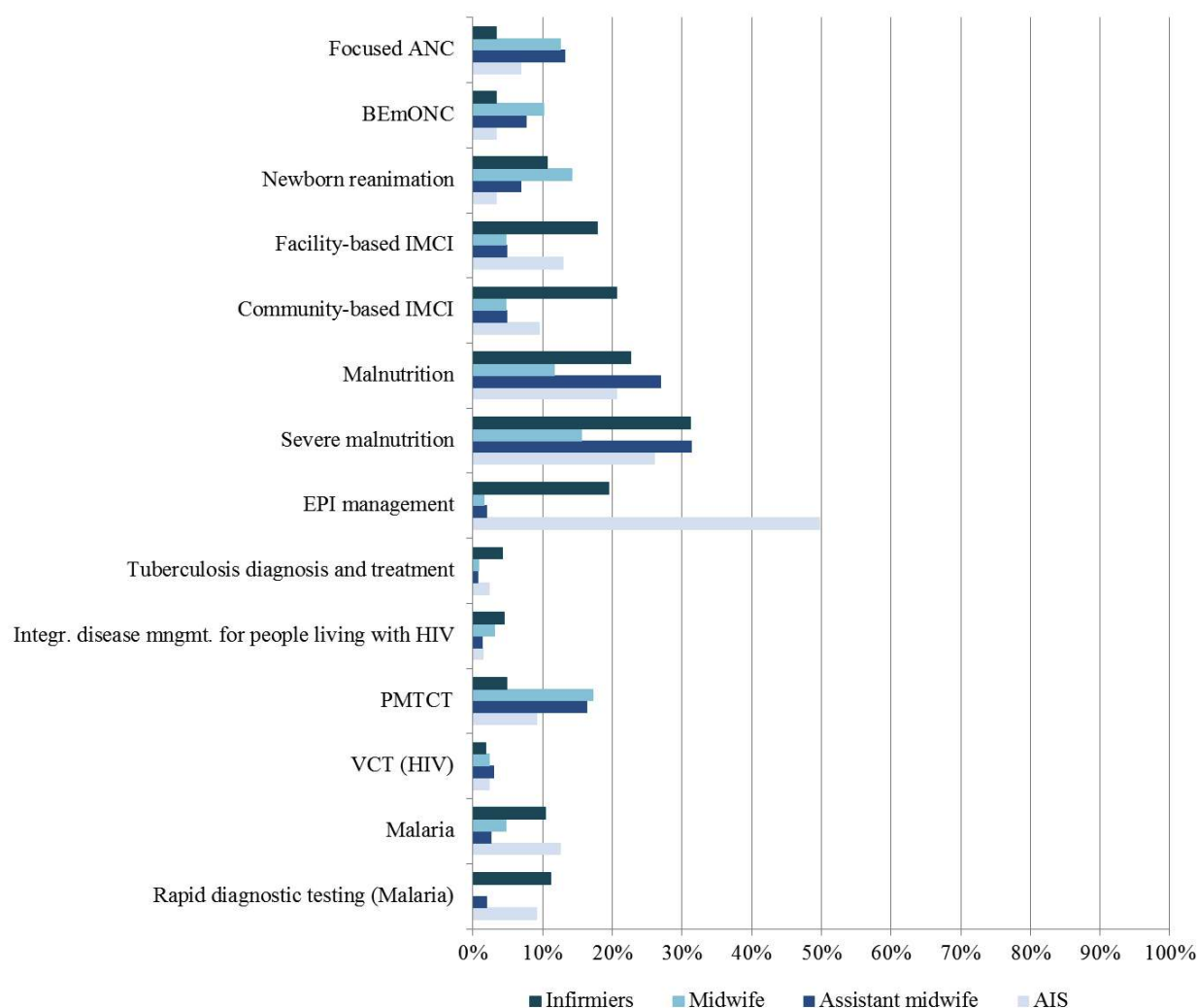


Figure 20. Percentage of sample trained on different topics in the year prior to the survey

3.6.1.9. Health worker performance evaluation (**Indicator 5-9**)

As Figure 21 shows, 62 % of the sample reported to have met with their supervisor for an evaluation of their individual performance at least once in the 12 months prior to the survey (see also Table 47). This figure excludes those health workers new to the facility, i.e. who had not yet worked at the facility for at least 12 months at the time of the survey. Performance evaluation levels were higher in primary than in secondary level facilities, as well as higher in rural than in

urban areas, and varied between regions. Performance evaluation levels were substantially lower in the intervention as compared to the control group, both in Boucle du Mouhoun and in the other regions.

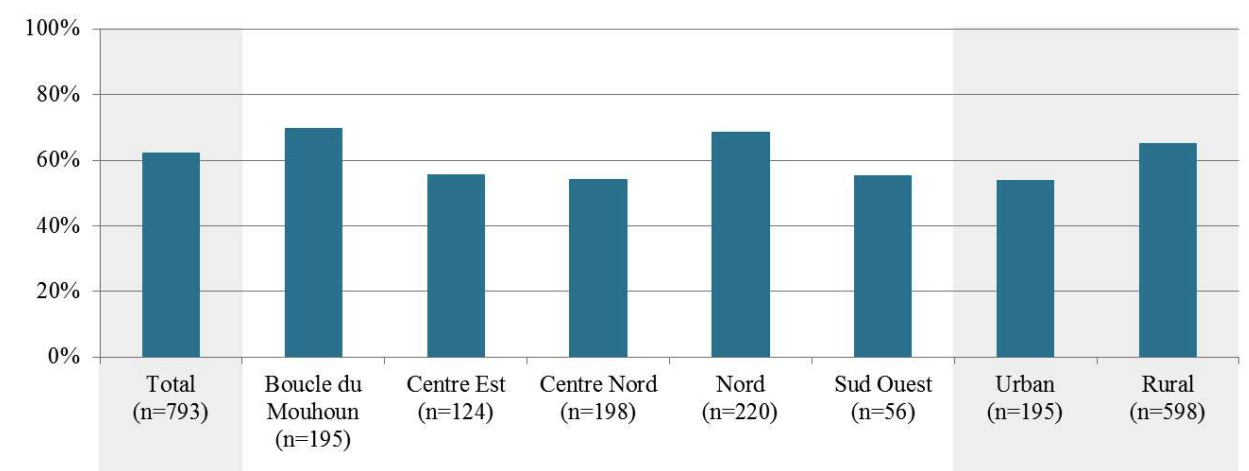


Figure 21. Percentage of health workers having met with their supervisor for an evaluation of their individual performance at least once in the year prior to the survey

3.6.1.10. Income earned from different sources in the last 3 months (**Indicator 5-10**)

As the magnitude of the actual PBF incentive amount, in relation to other income, is thought to play a role in the degree to which PBF enhances provider performance, we were interested in income from different sources such as government salary, ristournes (i.e., health facility revenue disbursed to health care providers), and per diems. Since almost all health workers are civil servants, and as such are subject to fixed salaries, we only attempted a crude estimate of government salary at baseline in order to put other income into perspective, and rather concentrated on non-fixed income from ristournes and per diems. Non-government employees (total n = 31) were excluded from the calculation of this indicator due to high number of missing values.

- i. *Net salary*: Given the sensitive nature of the topic, we did not ask for salary amount, but rather for the health workers' grade level as civil servants. Due to an unfortunately large number of missing values and inaccurate information, we decided to estimate income level for all health workers based on official government regulations and salary charts. Net salary can be calculated from four pieces of information: The 'catégorie salariale', the 'échelle salariale' (both fixed per cadre), the 'échelon salarial' (regular progression according to seniority and performance), and the 'charges salariales' (i.e. children and other dependents who influence tax levels). We made two assumptions for reasons of simplicity: Even though since 1998, all newly recruited health workers are employed as

‘contractuels’, there might still be some ‘fonctionnaires’⁷ with somewhat different salary levels in our sample. However, given the estimated small number, our net salary estimate assumes all health workers to be ‘contractuels’ and in the CNSS⁸. Additionally, we assumed for health workers to progress in salary grade every 2.5 years on average⁹. We used the sample mode as an estimate to ‘charges salariales’ where this information was missing (about 1/3 of the sample).

On average, health workers earned 248,520 FCFA in net salary in three months (SD= 66,714, n = 1,162; see Annex III, WP5 2.). Apart from obvious variations in cadre, health workers in urban areas and in secondary-level facilities earned slightly more, due to a larger share of higher-level cadres. There were no meaningful differences between the intervention arms or intervention and control facilities (see Annex III, WP5 3.)

It should be noted that in addition to their net salary, government employees received a varying number of top-ups (indemnités) depending on their function, housing situation, ‘risk zone’, etc. Depending on cadre and the number of top-ups one is entitled to, this amount can be quite substantial. Information on top-ups was not included in the baseline survey as the system was fundamentally changed in favor of health workers in June 2014, just after the start of the intervention. For the endline survey, we recommend obtaining information on health workers’ salary through indemnités in addition to net salary, in order to be able to put the incentives obtained from PBF schemes into perspective.

- ii. *Ristournes*: It is common practice that health facility management committees disburse part of their profits from user fees and drug sales to health workers as incentives or salary top-ups. Frequency and amount are determined by each management team and dependent on the financial situation of the health facility. In order to account for the non-uniform disbursement schemes, as well as for potential recall problems, we asked health workers for the number of times they had received ristournes in the 12 months prior to the survey, and for the amount received in the last disbursement. Assuming the amount in the last disbursement to be a good approximation of the average amount per disbursement, we estimate the ristournes received in the last 3 months for each health worker as the amount received in the last disbursement times the frequency of disbursement in the last 12 months, and divided by 4.

On average, health workers reported to have received 7,303 FCFA (SD= 10,995, n = 1,070). This figure included the 22% of the sample who did not receive any ristournes at all. Those health workers who did receive ristournes obtained 9,370 FCFA (SD= 11,652, n = 834) on average.

⁷ Contractual arrangements and salary levels vary, but in reasonable magnitude

⁸ National social security (Caisse Nationale de Sécurité Sociale)

⁹ Progression for seniority is foreseen every 3 years; in case of very good performance, health workers can progress faster (minimum every 1.5 years), depending on their performance evaluations

There were statistically significant differences between intervention and control facilities, with health workers in control facilities having received less, both in Boucle du Mouhoun and in the other regions (see Annex III, WP5 3.). Interestingly, nurses and midwives received substantially more than other cadres, possibly due to membership of many nurses in the facility management committees.

In addition to cash ristournes, health workers also often receive non-monetary benefits and top-ups. As we were unable to obtain reliable monetary value estimates, they could not be included here. This might explain the substantial difference between ristournes received as reported by the health workers, and incentives and salary top-ups paid by facilities (indicator 5.7).

- iii. *Per diems*: On average, health workers reported to have received 28,417 FCFA (SD= 43,895, n= 1,136) for attendance of workshops, meetings, and trainings. Included in this figures are the 45% of the sample who did not receive any per diems, however. Those who did receive per diems collected 52,068 FCFA (SD= 47,954, n= 620) on average.

Statistically significant differences existed between intervention and control facilities, with health workers from control facilities having received much less (see Annex III WP5 3.). Health workers in Boucle du Mouhoun reported to have received substantially more than health workers from the other regions. The difference between health workers from urban and rural facilities (see Annex III WP5 3.) became less prominent when only those health workers who received per diems at all were considered.

3.6.1.11. Perceived degree of distributive fairness (**Indicator 5-11**)

Perceived distributive fairness – the degree to which health workers feel that their remuneration is fair compared to that of their colleagues – was assessed with a 4-item, 11-point psychometric Likert scale adopted from Colquitt (2001). Participants were asked for the degree to which they agree or disagree with statements such as: “my income is appropriate for the amount of work I do, compared to what my colleagues receive for their work”. In order to minimize answer bias due to interviewer effects or interview location (at the health facility), respondents privately recorded their answers themselves, rather than telling the interviewer out loud. Nevertheless, answer bias cannot be excluded, but should be constant for baseline and endline surveys. Thus, while there is no threat to the before-and-after comparison, absolute values should be interpreted with care.

Following psychometric convention, the perceived distributive fairness score for each health worker was calculated as the unweighted average of the scores on all 4-scale items. Only such individuals with information available for at least 2 of the 4 items were considered. Low scores indicate low perceived distributive fairness (min = 0), high scores high distributive fairness (max = 10).

Overall, health workers indicated that they felt they were remunerated rather unfairly compared to their colleagues (mean= 3.6, SD= 2.7, n =1,129; see Annex III, WP5 2.). There were no differences between intervention arms and intervention and control facilities (see Annex III, WP5 3.). The few surveyed health workers from private facilities, however, reported comparatively higher levels of perceived fairness.

3.6.1.12. Perceived agency (Indicator 5-12)

Similarly to perceived distributive fairness, perceived agency – the degree to which health workers feel that they have control over what happens at their health facility – was assessed with an 11-point Likert scale. Respondents were asked to indicate their degree of agreement with the following two statements: “I have significant influence on decisions affecting our facility”, and “I have control over what happens at my facility”. In order to minimize answer biases due to interviewer effects or interview location (at the health facility), respondents privately recorded their answers themselves, rather than telling the interviewer out loud. Nevertheless, absolute values should be interpreted with care.

The perceived agency score for each health worker was calculated as the unweighted average of the scores on the two items. Only such individuals with information available for both items were considered. Low scores indicated low perceived agency (min = 0), high scores high-perceived agency (max = 10).

Health workers reported to have moderate control over what happened at the facility overall (mean = 6.3, SD= 2.6, n = 1,125; see Table 47). While there were no meaningful differences between the four intervention arms or between intervention and control facilities (see Table 47), there was some variation by facility level. Specifically, respondents from private and primary facilities reported moderate levels of perceived agency, while respondents from secondary level facilities perceived their level of control as substantially lower. Interestingly, midwives reported a substantially lower perceived level of control as compared to the other cadres.

3.6.2. Will do factors

3.6.2.1. Satisfaction with working conditions (Indicator 5-13)

Satisfaction with working conditions was assessed with a total of 42 direct questions pertaining to health workers’ satisfaction with a vast number of work-related aspects, such as “Are you satisfied with your workload?”, “Are you satisfied with how staff at the facility works together?”, or “Are you satisfied with your salary?” The items were partially adopted from Faye et al. (2013). Respondents were asked to indicate their degree of satisfaction on an 11-point Likert scale.

Table 48. Health workers satisfaction (PartI)

Background characteristics		5-13 Satisfaction with working conditions Health worker level														
		(0=not satisfied at all, 10=completely satisfied)														
		a Management and supervision			b Relationship with colleagues			c Relationship with authorities			d Relationship with communities			e Workplace (material. infrastructure)		
Zone of residence	mean	SD	n	mean	SD	n	mean	SD	n	mean	SD	n	mean	SD	n	
Urban	6.7	2.2	273	7.5	1.9	268	5.9	2.3	257	7.1	2.0	264	6.0	1.9	273	
Rural	7.2	2.2	906	8.1	2.0	896	7.2	1.9	906	7.9	1.7	903	6.6	1.8	911	
Level of health facility																
Primary	7.1	2.2	1,012	8.0	2.0	1,002	7.2	2.0	1,008	7.9	1.8	1,008	6.5	1.8	1,016	
Secondary	6.2	2.3	137	7.2	1.9	134	5.3	2.1	127	6.6	1.8	131	5.7	1.7	138	
Private	8.0	1.8	30	8.2	1.8	28	6.7	2.4	28	7.7	1.6	28	7.0	1.8	30	
Region																
Boucle du Mouhoun	6.8	2.3	268	7.8	2.1	265	6.9	2.0	265	7.8	1.7	267	6.5	1.6	269	
Centre-Est	6.4	2.7	142	7.6	2.3	142	6.9	2.1	138	7.6	2.0	139	6.1	2.1	144	
Centre-Nord	7.1	2.0	331	7.9	1.9	326	6.8	2.1	327	7.7	1.6	329	6.4	1.7	331	
Nord	7.3	2.0	362	8.1	1.8	357	7.0	2.1	358	7.7	1.9	359	6.5	1.9	363	
Sud-Ouest	7.5	2.4	76	8.4	2.0	74	7.2	2.3	75	8.0	1.9	73	6.7	2.0	77	
Health worker type																
Medical doctor	8.8	1.0	3	8.5	0.5	3	6.1	2.3	3	7.0	1.4	2	6.8	1.9	3	
Nurse	7.4	2.0	499	8.1	1.8	489	7.0	2.0	493	7.8	1.7	495	6.4	1.7	501	
Midwife	6.1	2.4	126	7.2	2.2	124	5.9	2.2	119	6.9	1.8	123	5.6	1.8	126	
Assistant midwife	6.9	2.2	294	7.9	2.1	294	7.0	2.1	294	7.8	1.8	291	6.7	2.0	299	
AIS	7.0	2.6	257	8.1	2.0	254	7.2	2.0	254	7.9	1.8	256	6.6	1.9	255	
TOTAL		7.0	2.2	1,179	8.0	2.0	1,164	6.9	2.1	1,163	7.7	1.8	1,167	6.4	1.8	1,184
Study zone*																
Intervention																
T1	7.2	2.2	329	8.1	1.9	328	7.1	2.0	326	7.9	1.9	328	6.7	1.8	331	
T2	7.3	2.1	201	8.0	2.1	193	7.3	1.9	199	7.9	1.7	198	6.4	1.9	201	
T3	7.1	2.2	193	8.1	1.8	189	7.1	2.0	193	7.8	1.7	192	6.6	1.8	194	
T4	6.8	2.2	100	7.8	2.1	99	6.9	1.8	99	8.0	1.6	100	6.6	1.5	100	
Control		7.1	2.2	219	8.1	2.0	218	7.2	1.9	219	7.8	1.8	218	6.4	1.9	220
TOTAL*		7.1	2.2	1,042	8.1	2.0	1,030	7.1	2.0	1,036	7.9	1.8	1,036	6.5	1.8	1,046

*Hospitals (CHR/CMA) excluded

In order to minimize answer biases due to interviewer effects or interview location (at the health facility), respondents privately recorded their answers themselves, rather than telling the interviewer out loud. Nevertheless, absolute values should be interpreted with care.

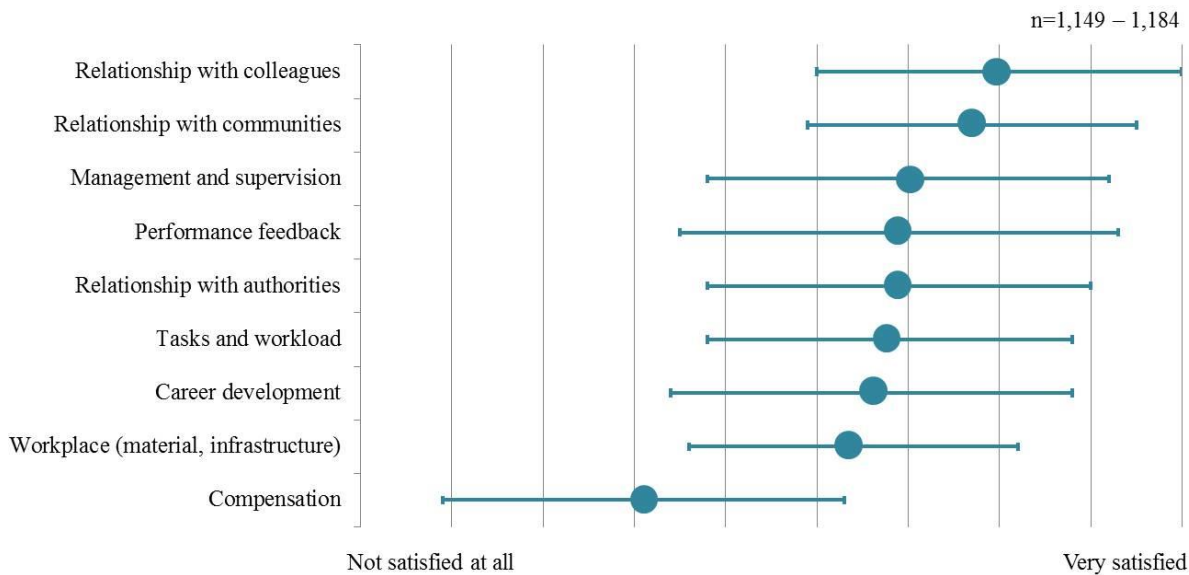


Figure 22. Satisfaction with working conditions (bars indicate +/- one SD)

Questions were grouped into nine thematic units¹⁰. Satisfaction scores on the nine satisfaction sub-dimensions for each health worker were calculated as the un-weighted average of the scores on the questions pertaining to each sub dimension. Only such individuals with information available for at least half of the questions per sub-dimension were considered. Low scores indicate low satisfaction (min = 0), high scores high satisfaction (max = 10).

As Figure 22 shows, health workers seemed fairly satisfied with most aspects of their work and working conditions, particularly with interpersonal aspects such as their working relationship with colleagues and the local communities and authorities, as well as with management-related aspects. Respondents also indicated moderate satisfaction with their tasks and workloads, physical properties of the workplace (i.e. availability of drugs and material, equipment, condition of buildings), and career development opportunities. They expressed moderate dissatisfaction with their salary and other compensation.

Health workers at secondary level facilities tended to report less satisfaction than their colleagues at primary and private health facilities. There were no statistically significant differences between the intervention arms (see Tables 48 and 49). The few statistically significant differences between intervention and control facilities did not appear meaningful in absolute terms.

¹⁰ Thematic grouping was supported by factor analysis (principal component analysis)

Table 49. Health workers satisfaction (Part II)

Background characteristics		5-13 (continued)											
		Satisfaction with working conditions											
		Health worker level											
(0=not satisfied at all, 10=completely satisfied)													
f Tasks and workload					g Performance feedback			h Compensation			i Career development		
Zone of residence		mean	SD	n	mean	SD	n	mean	SD	n	mean	SD	n
	Urban	6.7	2.0	273	5.9	2.7	269	3.5	2.1	274	5.7	2.4	272
	Rural	6.9	2.1	910	7.2	2.2	880	4.3	2.2	902	6.9	2.1	905
Level of health facility													
	Primary	6.9	2.1	1,014	7.2	2.3	984	4.2	2.2	1,010	6.8	2.2	1,009
	Secondary	6.3	2.0	139	5.2	2.6	135	3.1	1.8	136	5.1	2.2	138
	Private	8.2	1.3	30	7.0	2.4	30	5.2	2.4	30	6.3	2.4	30
Region													
	Boucle du Mouhoun	6.7	2.1	269	7.1	2.3	265	4.4	2.1	268	6.5	2.2	269
	Centre-Est	6.4	2.5	143	6.5	2.9	134	3.4	2.1	142	6.3	2.4	139
	Centre-Nord	6.9	1.9	330	6.9	2.2	324	4.2	2.1	328	6.6	2.1	331
	Nord	7.0	2.0	364	7.0	2.4	357	4.0	2.2	364	6.7	2.3	362
	Sud-Ouest	7.5	2.1	770	6.8	3.0	69	4.1	2.4	74	7.0	2.5	76
Health worker type													
	Medical doctor	7.3	2.2	3	5.8	5.2	3	3.4	2.5	3	6.9	1.9	3
	Nurse	6.9	2.0	501	6.7	2.4	491	4.3	2.1	496	6.5	2.1	498
	Midwife	6.4	2.1	126	5.9	2.6	122	3.5	2.2	124	5.6	2.3	126
	Assistant midwife	6.8	2.1	298	7.1	2.3	287	4.3	2.2	300	6.9	2.4	296
	AIS	7.0	2.1	255	7.6	2.2	246	3.7	2.1	253	6.8	2.1	254
TOTAL		6.8	2.0	1,183	6.9	2.4	1,149	4.1	2.2	1,176	6.6	2.2	1,177
Study zone*													
Intervention													
	T1	7.0	2.1	330	7.3	2.2	315	4.3	2.2	328	7.0	2.0	328
	T2	7.1	1.9	201	6.9	2.06	199	4.2	2.3	201	6.9	2.3	200
	T3	6.8	2.0	194	7.1	2.3	186	4.1	2.1	192	6.7	2.2	192
	T4	6.7	2.1	100	7.4	2.1	99	4.6	2.0	99	6.7	2.2	100
Control		6.9	2.1	219	7.2	2.1	215	4.0	2.02	220	6.6	2.3	219
TOTAL*		6.9	2.1	1,044	7.2	2.3	1,014	4.2	2.2	1,040	6.8	2.2	1,039

*Hospitals (CHR/CMA) excluded

3.6.2.2. Motivation (Indicator 5-14)

A psychometric scale developed by the research team based on Deci and Ryan's (1985) Self-Determination Theory was included to measure different types of motivation, in order to investigate a potential crowding out effect of intrinsic motivation in the context of the IE. On an 11-point Likert scale, respondents were asked to rate the degree to which a total of 32 reasons for which one might feel motivated at work were important reasons to them personally. Reasons included, for instance: "In order to be able to provide for my family.", "Because my work is more than just a job, it's a mission.", "Because my reputation depends on my work.", and "Because I enjoy doing what I am doing at work every day."

In order to facilitate interpretation of the baseline data, we did not present information on all five types of motivation here, but rather an aggregation into intrinsic motivation and extrinsic motivation, in accordance with the common definition of these terms in public health research. In this context, *intrinsic motivation* can be defined as motivation stemming from interest in the task itself, as well as from altruistic notions and personal identification with one's work. *Extrinsic motivation*, in contrast, refers to motivation derived from external contingencies such as the self-worth or reputation-enhancing capacity of health care provision as well as material and career development-related aspects of one's job.

In addition, respondents' intentions to quit their job were assessed using a 3-item, 11-point Likert scale. Respondents were asked to indicate their degree of agreement with statements such as "I often feel like leaving my job."

In order to minimize answer biases due to interviewer effects or interview location (at the health facility), respondents privately recorded their answers themselves, rather than telling the interviewer out loud. Nevertheless, absolute values should be interpreted with care.

As Annex III (WP5 2.) shows, health workers reported fairly high levels of intrinsic motivation overall (mean = 7.8, SD= 1.5, n = 1,193), and moderate and comparatively lower levels of extrinsic motivation (mean = 5.7, SD= 1.8, n = 1,188). No meaningful variation between the different intervention arms was detected (see Annex III WP5 3.). Turnover intentions amongst the health workforce seemed rather low (mean = 2.8, SD= 2.7, n = 1,169), and also did not vary between intervention groups. In Boucle du Mouhoun, turnover intentions were somewhat higher amongst control facility staff.

3.6.3. Performance indicators

3.6.3.1. Presence at work (Indicator 5-15)

Presence at work was determined by first asking the head of the facility to list all of their staff members by name, and then specify whether or not each staff member was present on the day of the survey. For each health facility, the indicator was calculated as the percentage of staff per

facility present on the day of the survey. If the "present on the day of our visit, yes or no" information was absent for 10 or more percent of the listed staff in a given facility, we excluded this facility completely from the analysis for this indicator.

On the day of the study team facility visit, an average of 83.4 % of all clinical facility staff were present (SD= 21.3 %, n= 386). Presence was lower at urban compared to rural facilities (72% vs. 84%, respectively, see Table 50). There were no differences between facilities in the different intervention arms (see Table 50), but a small but statistically significant difference between intervention and control facilities in Centre-Est, Centre-Nord, Nord, and Sud-Ouest.

Table 50. Health workers presence at work

Background characteristics		5-15 Presence at work* Facility level		
		(Percentage of clinical facility staff present on day of facility visit)		
Zone of residence		%	SD (%)	n
Urban		72.3	26.7	22
Rural		84.1	20.8	364
Level of health facility				
Primary		83.5	21.1	375
Secondary		-	-	-
Private		82.5	28.6	11
Region				
Boucle du Mouhoun		88.6	17.9	79
Centre-Est		88.2	18.8	60
Centre-Nord		77.7	23.3	114
Nord		83.2	21.7	107
Sud-Ouest		83.1	20.6	26
Health worker type				
Medical doctor				
Nurse				
Midwife				
Assistant midwife				
AIS				
TOTAL		83.4	21.3	386
Study zone*				
Intervention				
T1		86.1	20.4	109
T2		81.7	23.3	83
T3		83.8	20.4	73
T4		87.0	18.4	33
Control		80.1	22.1	88
TOTAL*		83.4	21.3	386

*Hospitals (CHR/CMA) excluded

Three aspects might have contributed to the high overall presence rates and should be considered when interpreting the indicator. Firstly, the study teams' visits were announced beforehand. Thus it was likely that presence rates at the day of facility visits were higher than on a usual workday. Secondly, a potential reporting bias cannot be excluded in that staff present were more likely to be listed (i.e., not to be forgotten) in the personnel roster, potentially leading to inflated presence rates. And lastly, given a high percentage of missing values, we included only facilities with information on the presence of at least 89% of their clinical staff in the analysis as discussed above¹¹. This led to the exclusion of 14 % of facilities for this analysis. Presence rates might well be lower for the excluded facilities.

3.6.3.2. Absenteeism (self-reported) (**Indicator 5-16**)

Participants were asked about the number of days they were absent from work for any kind of reason in the last 30 days. Answers spanned from 0 to 30 days. We assume this partly reflected a challenge in measuring work time in low-middle income countries health care settings, which became apparent during our supervisory visits to the field. Many health care providers, particularly in rural areas, reside on the premises of the health care facility and treat patients as they come for care. Thus, some health workers seemed to consider themselves on duty 24/7, while others only considered their actual work time (i.e. normally less than 30 days per month and depending on division of labor at the facility) when answering this question. Since we assumed this inconsistency in referencing absenteeism to be constant in baseline and endline, comparability for IE purposes is not compromised in our opinion. However, absolute values should be interpreted cautiously.

Overall, health workers reported to have been absent from work for 3.1 days (SD= 5.7, n= 1,171) in the last month. There were no statistically significant differences between the intervention arms or between intervention and control facilities (see Annex III, WP5 3.). The difference between health workers in urban and rural areas (see Annex III, WP 5 2.) might well be due to the above-discussed problem, as well as to specific working arrangements in understaffed rural health facilities. The large number of days of absenteeism for medical doctors was heavily influenced by one of the three medical doctors reporting to have been absent for 30 days.

3.6.3.3. Dual practice (**Indicator 5-17**)

Only 17 health workers (1.4%) reported to be working in another job in addition to their primary occupation at the health facility. Small differences existed with regard to all reported characteristics (see Annex III, WP5 2. & 3.), but should be interpreted with extreme care due to the very small absolute number of dual practice cases.

¹¹ Health workers without presence information were excluded in the calculation of the facility presence rates in this case.

3.7. Targeting and health insurance (WP6)

- Work package 6 elaborates on targeting vulnerable populations and health insurance.
- 54 indicators were computed with 8 being considered key indicators.
- The main themes of indicators cover the awareness of indigents directives and regarding exemption directives of indigent women, indicators on the preferred selection method of indigents, the proportion of population to be exempted, indicators on the preferred managing unit of health coverage subscription, as well as the best and worst targeted population groups.
- The awareness of indigents directives (indicator 6-1) was at 9.3% and the exemption directives for deliveries of indigent women (indicator 6-9) was at 26.9%. Indigents as best target population for exemption (indicator 6-46) was mentioned by 21.3%. The mode of the proportion of the population to be exempted was 10% (indicator 6-24) being preferred by 32.2%.

Health workers' perceptions on indigent-targeting and health insurance were assessed by exploring:

- i. Existing directives awareness,
- ii. Relevant resources for identification,
- iii. Targeted population (who and how much)
- iv. Contribution repartition for sustainability and,
- v. Relevant actors for managing national health insurance.

These dimensions are reported for the overall population of health workers; specifically by zone of residence (rural, urban), region, responsibility level, and study zone (Table 51).

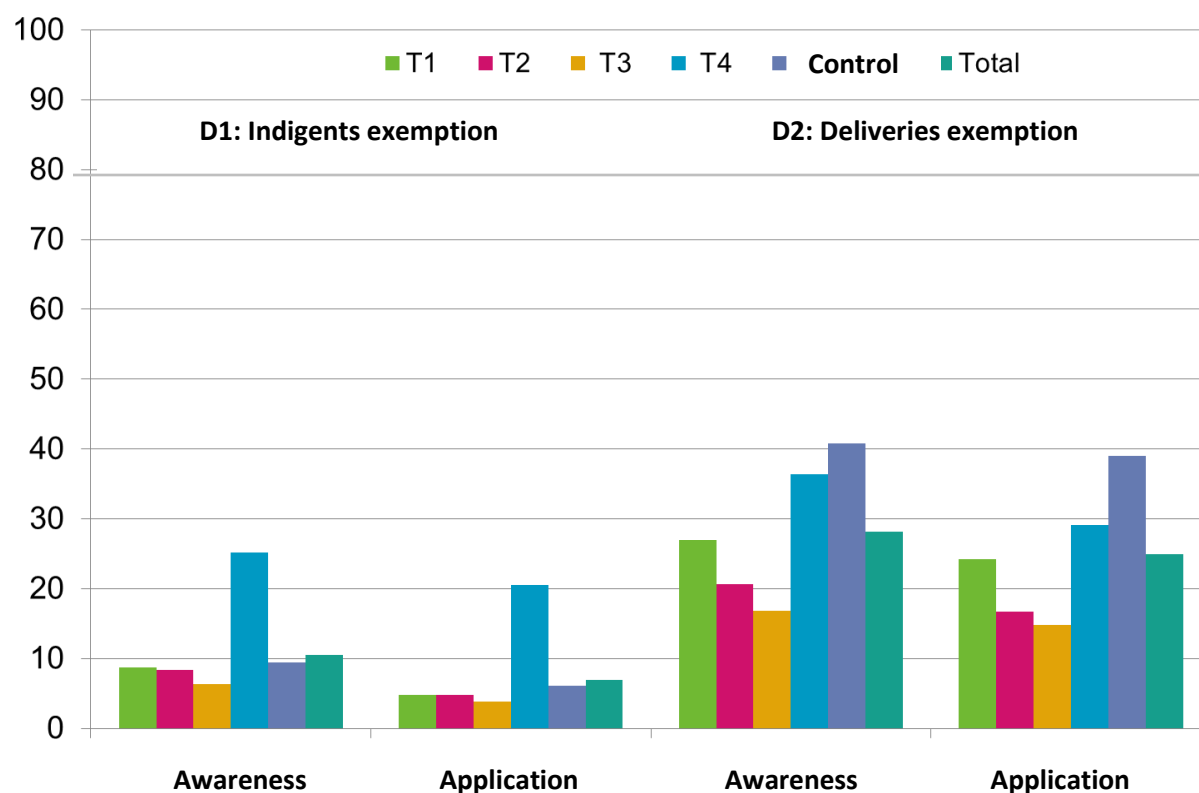


Figure 23. Awareness and application of indigent national directives

Awareness about indigent-specific national directives was very low: 9.3% of the health workers were aware that each CSPA is supposed to have dedicated resources for fee exemption of indigents and 26.9% were aware that deliveries for the 20% poorest women are supposed to be fully exempted (the other women are supposed to pay 900 FCFA for their deliveries). Nonetheless, when known, the directives were relatively well applied: 63.6% of the health workers for the first directive and 88.7% for the second (Figure 23). There were no fundamental differences in awareness and application between health workers operating in rural or urban areas. An important heterogeneity was observed among regions: from 3.4% to 17.5% for the first directive and from 16.2% to 61% for the second. Heads of facilities seemed more aware of the first directive than other health workers (13.3% vs 7.8%) but less of the second (23.5% vs 28.2%). Finally, a moderated heterogeneity was observed as well between the study areas: awareness varies between 6.3% (T3) (with 9.4% for the control area) and 25.2% (T4) for the first directive and 16.8% (T3) to 40.8% (control).

The community (31.5%) was the main relevant resource for *indigent targeting* (compared to the COGES, 20.9%, provincial social services (19.2%), the facility (18.9%) or the municipal social service (9.5%)). T2 health workers have a stronger preference for the community than other study zone (38.3%) and the control is more oriented toward the COGES as the relevant selection

resource (28.3%). No other differences were noticeable among residence, regions, or responsibility level in this regard.

When considering the percentage of the population that should be exempted from facility user fees, health workers most frequently (32.2%) answered that 10% should be exempted, followed by 22.1% suggesting that 5% should be exempted, 21.8% answering that a quarter should be exempted, 16.8% that 20% should be exempted and 7.0% that 1% should be exempted. Except for the South West region, where health workers showed preferences for a higher *share of the population to be exempted* (37% prefers a 25% to be exempted and 35.2% prefers 20%), there were no noticeable differences among other regions, among residence, responsibility level or study zone.

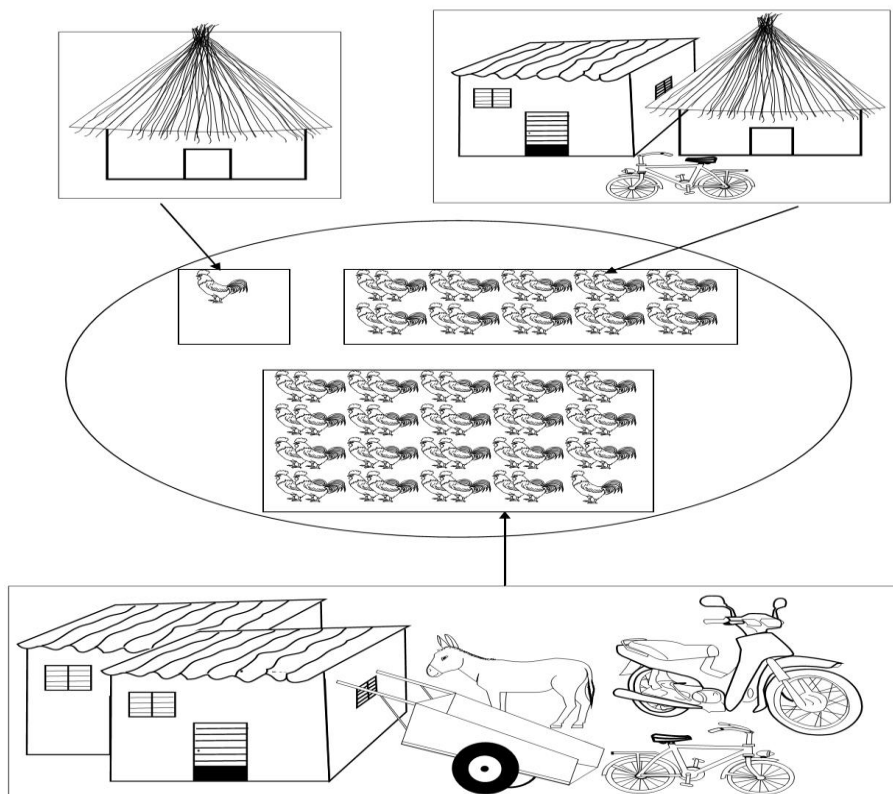


Figure 24. Example of pictures used in the questionnaire: progressive contribution in rural areas

Regarding the repartition of *contributions for the future health insurance*, a clear preference went to a proportional contribution (same share of the income) with exemption for indigents (37%), before progressive contribution (a larger share of the income for richer households than for poorer) (28.8%), proportional contribution with no exemption (16.3%) and equal contribution (same amount regardless the income) (17.9%). Except for T3, that showed more preferences (33%) for equal contribution than other study zones, no other differences were noticeable among

study zone, nor among residence or responsibility level. Boucle du Mouhoun showed preference for equal contribution (30.7%) and Southwest for progressive repartition (36.8%) (Figure 24).

53.1% of health workers believed that the group that should *benefit from exemption in priority* are under 5s, with 21.3% indicating indigents, 14.8% for pregnant women, and 5.5% the over 60s. In addition, there was a large consensus that the last priority should be productive men (61.9%) before health workers (17.3%). There was no noticeable difference among regions, area of residence, level of responsibility or study area.

CBHI (mutuelles) was first (29%) *for the management of the national health insurance, trust*, followed by COGES (23.4%), the state (21.3%) and NGOs (12.6%). On the contrary, a fair consensus designated the villagers as the less trustworthy manager (52.6%) than the municipality (19%). These opinions were equally shared by all the sub-groups (residence, region, responsibility and study area).

Table 51. Key indicators on targeting and health insurance

Background characteristics		Rate of Awareness of:				Targeted population:		Proportion of the population to be exempted:									
		6-1 Indigents directives		6-9 Full exemption directives re: delivery of indigent women		6-46 Best target population for exemption: indigents		6-22 Share preferring 1%		6-23 Share preferring 5%		6-24 Share preferring 10%		6-25 Share preferring 20%		6-26 Share preferring 25%	
Zone of residence		%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban		9.5	147	20.5	146	20.8	144	5.9	135	14.8	135	36.3	135	20.7	135	22.2	135
Rural		9.3	904	27.9	902	21.4	894	7.2	873	23.3	873	31.6	873	16.2	873	21.8	873
Region																	
Boucle of Mouhoun		14.3	244	39.7	242	13.6	242	2.5	241	22.4	241	32.4	241	19.1	241	23.7	241
Centre East		17.5	120	18.3	120	28.3	120	10.5	114	25.4	114	36.0	114	13.2	114	14.9	114
Centre North		3.4	298	16.2	297	24.9	289	8.9	280	24.3	280	36.4	280	14.3	280	16.1	280
North		8.8	330	24.2	330	21.6	329	7.8	319	21.6	319	29.8	319	15.4	319	25.4	319
SouthWest		5.1	59	61.0	59	19.0	58	5.6	54	5.6	54	16.7	54	35.2	54	37.0	54
Responsibility level, respondent																	
Head of health facility		13.3	285	23.5	285	27.1	284	11.1	279	25.8	279	31.5	279	12.9	279	18.6	279
Others		7.8	765	28.2	762	19.1	753	5.5	728	20.7	728	32.6	728	18.1	728	23.1	728
Study zone*																	
Interventions																	
T1		8.7	332	27.0	330									1			
						20.9	326	3.8	316	21.8	316	36.1	316	14.9	316	23.4	316
T2		8.3	204	20.6	204									1			
						30.8	201	8.9	191	23.0	191	31.9	191	16.8	191	19.4	191
T3		6.3	191	16.8	190									1			
						23.4	188	9.9	182	27.5	182	29.1	182	14.8	182	18.7	182
T4		18.8	101	27.7	101									2			
						13.9	101	5.1	99	18.2	99	33.3	99	25.3	99	18.2	99
Control		9.4	223	40.8	223	14.9	222	8.6	220	19.1	220	29.1	220	17.3	220	25.9	220
Total*		9.3	1,051	26.9	1,048	21.3	1,308	7.0	1,008	22.1	1,008	32.2	1,008	16.8	1,008	21.8	1,008

3.8. Community Health Workers (WP7)

- Work package 7 elaborates on community health workers (CHW).
- 29 indicators were computed with 8 being considered key indicators.
- The main themes of indicators cover financial motivation and incentives for community health workers as well as other occupations, workload and presence at work, training levels and performance, as well as indicators related to satisfaction and motivation of CHW.
- Receiving a financial motivation (indicator 7-1) was reported by 3.0% of CHW, while 15.9% reported that they have received salary top-ups or incentives (indicator 7-2). The number of contacts with households in the last months (indicator 7-3a) averaged 11.9, while the number of children accompanied to health facilities (indicator 7-3c) was 3.6, the number of women accompanied to delivery in health facilities (indicator 7-3e) was 1.6, while on average 8.2 patients were accompanied to treatment in the last month (indicator 7-3f).

The study on CHW was comprised of 1,102 CHW, of which the majority was male (88.8%, N=1,099). The age range of the CHW was from 18-82 years (median 44 years) with a mean age of 44.5 years. Three indicators were defined as core indicators in the study: Indicator 7-1 measuring whether CHWs receive a salary; Indicator 7-2, whether CHWs receive incentives or salary top-ups; and Indicator 7-3 on the workload of CHWs during the last month, which is broken down into six sub-indicators (described below).

Table 52 shows the number of households for which a CHW is responsible, with the median number at 100-500 households. However, about one fourth of CHWs catered to more than 1,000 households. On the other hand, 9.1% were responsible for 50 households or less.

Table 52. Responsibility of CHW (in number of households)¹²

Number of households	Frequency	Percent
1 - 50	94	9.1
51 - 100	183	17.6
100 - 500	377	36.3
501 - 1000	149	14.3
> 1000	236	22.7
TOTAL	1,039	100.0

3.8.1. Indicator 7-1 Financial motivation

This indicator measured whether a CHW received a financial motivation or not. Only a small percentage of CHWs, 3.0% (N=1,096), received any form of financial motivation. The average yearly financial motivation of all CHW who received any form of financial motivation was CFA 49,485 (N=33, median: CFA 60,000). In all regions, the percentage of CHWs who received financial motivation was 2% or less, with the exception of Boucle du Mouhoun, in which 8.0% of CHWs received financial motivation for their work. The intervention groups differed, with T1 (3.8%) and T4 (9.9%), in particular, being above average.

3.8.2. Indicator 7-2 Incentives and salary top-up payments (in the last three months)

At 15.9% (N=1,102), relatively more CHWs received incentives or salary top-ups compared to those who received financial motivation for their work. The average incentive for CHWs, out of those who receive a top-up, was CFA 13,410 (N=175, median: CFA 11,500). Incentives to CHWs varied heavily based on the region where they were located: Centre-Nord was substantially above average with 34.9% of CHWs receiving incentives or salary top-ups. Comparatively, a low percentage of CHWs received incentives in Boucle du Mouhoun (4.0%) and Centre-Est (3.9%). Also, substantially above average was the intervention group T2 (21.5%), while T4 (3.3%) and the Control (7.9%) was substantially below average.

Out of those who received financial motivation, only 15.2% (5 CHW) received both financial motivation and incentives, while 84.9% (28 CHW) of those who received financial motivation did not receive any additional top-ups or incentives (Table 53).

¹² It was decided not to include this variable in the indicator tables, as it is impossible to calculate the mean responsibility given the open top class "> 1,000 households".

Table 53. Salaries and incentives of CHW

Background characteristics		7-1: CHW that receive financial motivation (0=No, 1= Yes)		7-2: CHW that receive salary top-ups / incentives (0=No, 1= Yes)	
		%	N	%	N
Zone of residence					
	<i>Urban</i>	3.3	61	20.6	63
	<i>Rural</i>	3.0	1,031	15.7	1,035
Region					
	<i>Boucle du Mouhoun</i>	8.0	224	4.0	224
	<i>Centre-Est</i>	1.7	180	3.9	181
	<i>Centre-Nord</i>	1.7	291	34.9	295
	<i>Nord</i>	2.0	305	11.5	305
	<i>Sud-Ouest</i>	1.0	96	21.6	97
TOTAL		3.0	1,096	15.9	1,102
Study zone					
<i>Interventions</i>					
	<i>T1</i>	3.8	319	15.0	320
	<i>T2</i>	1.3	227	21.5	228
	<i>T3</i>	1.4	221	25.0	224
	<i>T4</i>	9.9	91	3.3	91
<i>Control</i>		2.5	238	7.9	239
TOTAL		3.0	1,096	15.9	1,102

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

3.8.3. Indicator 7-3 Workload (during the last month)

The workload of CHW was measured by six different sub-indicators. Indicator 7-3a measured the number of household contacts the CHW had during the past month. On average, CHWs had contact with 11.9 households with a median of 5 (N=995). Indicator 7-3b measured the number of sensitization meetings organized by the CHW during the last month with a mean of 2.3 (median 2) sensitization meetings (N=1,078).¹³

The indicators 7-3c – 7-3f represented the types and numbers of patients accompanied by the CHW to a health care facility during the last month. Indicator 7-3c measured the number of children accompanied for treatment, with a mean of 3.6 and median 2 (N=1,070). Indicator 7-3d measured the number of women to ANC (mean 2.4, median 1, N=1,074) and 7.3e the number of women accompanied to delivery (mean 1.6, median 0, N=1,075). The number of patients accompanied for treatment (indicator 7.3f) was on average 8.2 (median 5, N=1,102).

¹³ Three CHW indicated more than 22 sensitization campaigns per months. It was decided to treat these as outliers and set them as missing. Including these: mean: 2.34.

Concerning sub-indicator 7-3a, the region Centre-Est showed a substantially higher mean (21.3) than the other regions, which was similar for indicator 7-3c with a higher mean of 4.6. Centre-Nord was substantially lower than average (2.5%) in sub-indicator 7-3c.

This was also the case for sub-indicator 7-3d where Centre-Nord showed a substantially lower mean (1.6). On the same indicator, region Sud-Ouest had a substantially higher average with 3.5.

The sub-indicator 7-3f showed a substantial variation between the regions: Particularly, the regions Centre-Est (mean 4.6) and Sud-Ouest (mean 4.4) were substantially lower than the total mean. Sub-indicator 7-3f was the only indicator on the CHW workload, which showed a clear difference between urban (mean 13.4) and rural areas (mean 7.9) (Tables 54 and 55).

Table 54. CHW workload (Part I)

Background characteristics		7-3: Workload (during the last month)								
		7-3a: Number of contacts with households (last month)			7-3b: Number of sensitization meetings organized (last month)			7-3c: Number of children accompanied for treatment at HF (last month)		
		mean	SD	N	mean	SD	N	mean	SD	N
Zone of residence										
	<i>Urban</i>	14.5	29.1	52	2.1	1.6	62	4.6	7.9	61
	<i>Rural</i>	11.7	21.3	940	2.4	1.7	1,012	3.5	4.6	1,006
Region										
	<i>Boucle du Mouhoun</i>	9.2	12.8	220	2.5	2.2	213	4.2	5.1	221
	<i>Centre-Est</i>	21.3	37.0	128	2.0	1.2	179	4.6	5.9	170
	<i>Centre-Nord</i>	10.2	17.5	277	1.9	1.3	288	2.5	3.2	289
	<i>Nord</i>	11.4	18.5	285	2.8	1.5	304	3.6	5.4	303
	<i>Sud-Ouest</i>	11.5	27.2	85	2.6	2.1	94	4.1	4.3	87
TOTAL		11.9	21.7	995	2.3	1.7	1,078	3.6	4.9	1,070
Study zone										
<i>Intervention</i>										
	<i>T1</i>	11.9	18.6	286	2.4	1.6	314	4.1	5.1	307
	<i>T2</i>	14.5	27.8	205	2.4	1.3	226	3.8	5.3	226
	<i>T3</i>	12.0	27.7	192	2.2	1.5	217	3.1	4.4	215
	<i>T4</i>	7.9	10.0	90	2.7	2.1	85	4.1	4.1	89
<i>Control</i>		10.8	15.5	222	2.2	2.1	236	3.1	4.7	233
TOTAL		11.9	21.7	995	2.3	1.7	1,078	3.6	4.9	1,070

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Table 55. CHW workload (Part II)

Background characteristics		7-3: Workload (during the last month)								
		7-3d: Number of women accompanied to ANC (last month)			7-3e: Number of women accompanied to delivery in health facilities (last month)			7-3f: Number of patients for treatment (last month)		
		mean	SD	N	mean	SD	N	mean	SD	N
Zone of residence										
	<i>Urban</i>	3.0	8.2	61	1.2	2.1	62	13.4	16.8	63
	<i>Rural</i>	2.3	3.9	1,009	1.6	2.8	1,009	7.9	10.7	1,035
Region										
	<i>Boucle du Mouhoun</i>	3.1	5.3	222	1.8	3.3	221	7.0	9.4	224
	<i>Centre-Est</i>	2.5	3.5	175	1.6	2.2	173	4.6	10.6	181
	<i>Centre-Nord</i>	1.6	4.5	289	1.4	2.8	291	10.2	13.0	295
	<i>Nord</i>	2.3	3.5	305	1.6	2.8	305	10.5	11.1	305
	<i>Sud-Ouest</i>	3.5	4.1	83	1.7	2.6	85	4.4	6.9	97
TOTAL		2.4	4.3	1,074	1.6	2.8	1,075	8.2	11.2	1,102
Study zone										
<i>Intervention</i>										
	<i>T1</i>	2.5	4.2	310	1.6	2.9	309	9.0	12.0	320
	<i>T2</i>	2.5	3.8	223	1.9	3.6	225	9.8	11.4	228
	<i>T3</i>	2.2	5.2	216	1.5	2.4	218	8.9	12.0	224
	<i>T4</i>	3.8	5.6	90	2.2	2.8	90	7.6	9.9	91
<i>Control</i>		1.9	3.1	235	1.2	2.0	233	5.3	9.0	239
TOTAL		2.4	4.3	1,074	1.6	2.8	1,075	8.2	11.2	1,102

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

3.8.4. Indicator 7-4 Performance evaluation by health facilities

The sub-indicator 7-4a measured whether a health facility was responsible for the performance evaluation of the CHW. This was the case for 90.3% of CHWs (N=1,038). The only other relevant group of supervising agencies was NGOs, with 6.7%. Out of those supervised by a health provider, 88.3% were supervised at least once within the last year (indicator 7.4b), (N=1,031).

3.8.5. Indicator 7-5 Training levels

Five indicators (7-5a-7-5e) measured whether CHWs had received a particular form of training during the last year. 27.6% of CHWs had received training for child illnesses (indicator 7-5a), N=1,194. 13.9% had received training regarding family planning (indicator 7-5b), N=1,098. 7.3% had received training regarding ANC and PNC (indicator 7-5c) (N=1,096), while 14.9% had received training on accompanying pregnant women for delivery or how to handle complications during pregnancy (indicator 7-5d), N=1,098. 28.5% of CHWs received training on vaccinations (indicator 7-5e), N=1,099.

3.8.6. Indicator 7-6 Satisfaction with working conditions

Seven sub-indicators measured the satisfaction of CHWs with their working conditions on a scale from 0 (not satisfied at all) to 10 (completely satisfied). Sub-indicator 7-6a measured the satisfaction with the working relationship with health care personnel, with a mean of 8.8 and a median of 9.7 (N=1,090). Sub-indicator 7-6b measured the satisfaction with the relationship with the community, with a mean of 8.5 (median 9, N=1,093). Indicator 7-6c measured how satisfied the CHWs were with the working conditions, with a mean of 6.5 (median 6.7, N=1,090). The satisfaction with materials and drugs (indicator 7-6d) was on average 4.2 (median 4, N=1,014). The satisfaction with professional development (indicator 7-6e) was on average 6.9 (median 7, N=1,075). Sub-indicator 7-6f, on the satisfaction with supervision and recognition, showed a mean of 8.6 (median 9.5, N=1,070). The sub-indicator 7-6g concerned the satisfaction with salary and incentives, which was 2.3 (median 2, N=983). Overall, the lowest satisfaction levels were measured for materials and drugs and the satisfaction with salary/financial motivation and incentives.

3.8.7. Indicator 7-7 Motivation

The indicator on motivation of the CHW was broken down into three dimensions: motivational strength, intrinsic job interest, and turnover intentions. The measurement was an eleven-point scale from 0 (very low level) to 10 (very high level).

Table 56. Comparison of means of satisfaction and motivation of CHW with financial motivation or incentives

Financial motivation + incentives/top-ups & CHW satisfaction			
Satisfaction with working conditions (0=not satisfied at all, 10=completely satisfied)	Mean	Incentives (y/n)	Financial motivation (y/n)
7-6 a. Satisfaction with working relationship with health care personnel	8.85	** 9.12 / 8.80	8.99 / 8.84
7-6 b. Satisfaction with relationship with the community	8.52	**8.79 / 8.47	* 8.98 / 8.51
7-6 c. Satisfaction with working conditions	6.46	*** 7.19 / 6.32	6.84 / 6.45
7-6 d. Satisfaction with materials and drugs	4.20	*** 5.03 / 4.03	4.70 / 4.18
7-6 e. Satisfaction with possibilities for professional development	6.95	7.10 / 6.92	7.40 / 6.93
7-6 f. Satisfaction with supervision and recognition	8.63	*8.85 / 8.59	9.05 / 8.62
7-6 g. Satisfaction with salary and incentives	2.28	***3.05 / 2.13	* 2.82 / 2.26
Financial motivation + incentives/top-ups & CHW motivation			
Motivation (0 = very low level, 10 = very high level)	Mean	Incentives (y/n)	Financial motivation (y/n)
7-7 a. Motivational strength: Degree to which CHWs feel motivated to give their most in their job	7.56	** 8.04 / 7.47	* 8.27 / 7.54
7-7 b. Intrinsic job interest: Degree to which CHWs enjoy their job and find it interesting	9.39	9.35 / 9.40	9.58 / 9.39
7-6 c. Turnover intentions: Degree to which CHWs feel like quitting their job as CHW	2.15	2.01 / 2.18	1.67 / 2.17

Two-sample t-test significance levels: *** $p < 0.001$, ** $p < 0.01$, * $p < 0.1$

The sub-indicator 7-7a measured the motivational strength, which was the degree to which a CHW felt motivated to give his/her all in the job. It showed a mean of 7.6 and median 8 (N=1,090). The sub-indicator 7-7b measured the intrinsic job interest, which was the degree to which the CHW enjoyed his/her job and found it interesting. The mean satisfaction on this dimension was 9.4 and the median was 10 (N=1,092). This sub-indicator was the mean average score of three variables if two of the questions had been answered.¹⁴ The sub-indicator 7-7c measured turnover intentions, which was the degree to which the CHW felt like quitting his/her job as a CHW. The mean of this sub-indicator was 2.2 with a median of 1 (N=1,091).

¹⁴ The variables used for the dimension score on the intrinsic job interest are whether the CHW likes the job, whether the work is interesting and whether the CHW likes what he/she does in the work.

Table 56 compares the means of satisfaction and motivation of CHW with the existence of financial motivation or incentives. The results show for most sub-indicators of the CHW satisfaction that the level of satisfaction is significantly higher for those CHW who receive incentives. The same direction can be observed for financial motivation: Those CHW who receive financial motivation have a higher level of satisfaction; however, this is only significant for the sub-indicators 7-6b and 7-6g. The lack of significance for the other sub-indicators can be a statistical artifact from the fact that only few CHW receive financial motivation. The level of motivation, on the other hand, seems to be more disentangled from both, financial motivation and incentives. In the comparison of means, the direction is not always clear. The difference is only significant for the sub-indicator 7-7a, where those CHW who receive financial motivation or incentives show a higher degree to which CHWs feel motivated to give their most in their job.

3.6.8. Indicator 7-8 Presence at work

This indicator was broken down into two sub-indicators, which measured the differences in the rainy season and the dry season; both indicators were based on self-reported information by the CHW. The sub-indicator 7-8a, Average weekly number of hours of work dry season, had a mean of 23.8 hours per week (median 15) (N=749). In the rainy season (sub-indicator 7-8b), the mean was 18.0 hours and the median 10 (N=755).

3.8.9. Indicator 7-9 Other occupation

The vast majority of CHWs (97.0%, N=1,085) did not work exclusively as CHWs, but were also engaged with other additional occupations. Only 33 (3.0%) reported not working in another occupation. The majority of those CHWs not practicing any other occupation were women, 51.5% (n=33), with the share of women among those who had another occupation was much lower at 10.0% (N=1,052). Out of those who practiced another occupation, the majority (89.4%) was active in agriculture (62.1% farming, 2.2% livestock breeding, and 25.0% farming and livestock breeding). A smaller percentage (4.1%) engaged in small trade and 6.8% had other occupations.

3.8.10. Indicator 7-10 Perceived quality of CHW services

This indicator was the average combined scale score on satisfaction with CHWs as perceived by households. The variable was computed as the mean of seven variables if respondents answered more than 3 of the related questions.¹⁵ The scale ranged from 1 (very low level of satisfaction) to

¹⁵ The dimensions used for the scale were satisfaction with the professional knowledge of the CHW, the responsiveness of the CHW, the number of available CHWs, the availability of CHWs to look after patients, the information provided by the CHWs, the respect the CHWs show, and whether the CHW can be seen as a good example for the community.

4 (very high level of satisfaction). The mean satisfaction with CHW services was at 2.9 with the median 3 (N=2,784).

Table 57. Boucle du Mouhoun balance table for key indicators

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
1.1: ANC coverage: at least 1 visit	0.999	0.999	1.000	0.997	1.000	0.318	0.341	0.341
1.2: ANC coverage: at least 4+ visits	0.501	0.505	0.504	0.506	0.491	0.425	0.953	0.953
1.3: Timely ANC (within 4 months)	0.668	0.652	0.630	0.673	0.710	0.001	0.220	0.220
1.7: Facility-based deliveries	0.870	0.864	0.887	0.843	0.888	0.050	0.076	0.076
1.9: PNC Coverage	0.553	0.504	0.507	0.501	0.690	0.000	0.876	0.876
1.12: Contraceptive prevalence rate	0.131	0.127	0.142	0.114	0.143	0.110	0.154	0.154
1.14: Use of modern family planning methods	0.127	0.125	0.140	0.112	0.133	0.456	0.154	0.154
1.16: IPT of malaria in pregnancy	0.606	0.608	0.567	0.636	0.600	0.841	0.397	0.397
2.1: Availability of any source of electricity	0.881	0.873	0.931	0.824	0.905	0.456	0.208	0.208
2.2: Availability of any source of water supply	0.988	0.984	1.000	0.971	1.000	0.321	0.360	0.360
2.13B: Stockout amoxicillin (tablet, capsule)	-	-	-	-	-	-	-	-
2.14B: Stockout cotrimoxazole	0.037	0.032	0.069	0.000	0.053	0.352	0.124	0.124
2.28: Proportion of all ANC cases receiving iron and folate supplementation	0.929	0.918	1.000	0.857	0.975	0.010	0.001	0.001
2.29: Proportion of first and second visit ANC cases receiving tetanus prophylaxis	0.700	0.647	0.750	0.226	1.000	0.009	0.434	0.434
2.31: Proportion of all ANC cases receiving counseling on nutrition/diet during pregnancy	0.025	0.032	0.045	0.022	0.000	0.025	0.422	0.422
2.32: Proportion of all ANC cases receiving counseling on pregnancy danger signs	0.308	0.361	0.388	0.341	0.100	0.000	0.543	0.543
2.35: Proportion of all ANC cases receiving counseling on use of SBA during delivery	0.116	0.101	0.179	0.044	0.175	0.003	0.005	0.005
2.40: Proportion of all ANC cases undergoing BP screening	0.954	0.949	0.939	0.956	0.975	0.142	0.642	0.642
2.63B: Stockout Oxytocin	-	-	-	-	-	-	-	-
2.68: Functionality BP machine	0.950	0.933	0.926	0.939	1.000	0.045	0.839	0.839
3.1A: BCG Coverage	0.898	0.893	0.895	0.891	0.914	0.022	0.814	0.814
3.4B: Penta 3 Coverage	0.899	0.900	0.911	0.890	0.897	0.754	0.279	0.279
3.5: Measles Coverage	0.876	0.870	0.855	0.884	0.892	0.092	0.267	0.267
3.7: Full vaccination coverage	0.846	0.847	0.878	0.821	0.842	0.844	0.296	0.296
3.17: Children aged < 5 years with fever who received treatment with any antimalarial	0.671	0.628	0.663	0.598	0.843	0.000	0.338	0.338
4.2 Timely initiation breastfeeding (within the first hour after delivery)	0.332	0.388	0.419	0.359	0.193	0.000	0.224	0.224
4.4 Exclusive breastfeeding(0-6months)	0.474	0.629	0.692	0.591	0.227	0.000	0.562	0.562
4. 6: Growth monitoring	0.173	0.184	0.198	0.172	0.141	0.000	0.217	0.217
4.7: Severe stunting (HAZ <-3SD)	0.256	0.286	0.285	0.287	0.179	0.000	0.920	0.920
4.13 Severe acute malnutrition	-	-	-	-	-	-	-	-
4.14: Anemia (children 6-59 months)	0.876	0.854	0.820	0.884	0.933	0.000	0.004	0.004
4.15: Slight anemia (children 6-59 months) (10-10,9g/dl)	0.163	0.171	0.180	0.164	0.143	0.023	0.532	0.532
4.16: Moderate anemia (children 6-59 months) (7-9,9g/dl)	0.670	0.690	0.676	0.702	0.622	0.000	0.411	0.411
4.17: Severe anemia (children 6-59 months) (<7g/dl)	0.167	0.138	0.144	0.134	0.235	0.000	0.675	0.675

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
4.18: Anemia (Women 15-49 years) (NP <12g/dl; P <11g/dl)	0.595	0.607	0.625	0.592	0.563	0.009	0.323	0.323
4.19: Slight anemia (Women 15-49 years) (NP 11- 11,9 g/dl; P (10-10,9g/dl)	0.402	0.421	0.425	0.418	0.346	0.001	0.863	0.863
4.20: Moderate anemia (Women 15-49 years) (NP 8- 10,9 g/dl; P (7-9,9g/dl)	0.556	0.537	0.538	0.535	0.610	0.001	0.933	0.933
4.21: Severe anemia (Women 15-49 years) (NP <8 g/dl; P (<7g/dl)	0.043	0.042	0.036	0.048	0.044	0.852	0.528	0.528
5.3: Health worker density	0.557	0.500	0.488	0.511	0.726	0.000	0.726	0.726
5.4 : Caseload	128.503	146.376	144.059	148.351	74.887	0.000	0.817	0.817
5.9 : Performance evaluation <i>Health worker level</i>	0.728	0.682	0.723	0.641	0.875	0.000	0.318	0.318
5.12 : Perceived individual agency <i>Health worker level</i>	6.667	6.694	6.626	6.755	6.569	0.498	0.729	0.729
5.13A : Satisfaction with working conditions <i>Health worker level: Management and supervision</i>	6.873	6.791	6.779	6.803	7.176	0.024	0.942	0.942
5.13B : Satisfaction with working conditions <i>Health worker level: Relationship with colleagues</i>	7.914	7.832	7.824	7.838	8.216	0.014	0.963	0.963
5.13C : Satisfaction with working conditions <i>Health worker level: Relationship with authorities</i>	7.111	7.036	7.204	6.884	7.387	0.010	0.236	0.236
5.13D : Satisfaction with working conditions <i>Health worker level: Relationship with communities</i>	8.004	7.981	7.996	7.967	8.092	0.371	0.905	0.905
5.13E: Satisfaction with working conditions <i>Health worker level: Workplace (material. infrastructure)</i>	6.631	6.686	6.825	6.561	6.429	0.026	0.248	0.248
5.13F : Satisfaction with working conditions <i>Health worker level: Tasks and workload</i>	6.720	6.628	6.600	6.653	7.058	0.005	0.861	0.861
5.13G : Satisfaction with working conditions <i>Health worker level: Performance feedback</i>	7.368	7.348	7.307	7.384	7.441	0.537	0.800	0.800
5.13H : Satisfaction with working conditions <i>Health worker level: Compensation</i>	4.471	4.582	4.576	4.588	4.066	0.001	0.970	0.970
5.13I : Satisfaction with working conditions <i>Health worker level: Career development</i>	6.687	6.775	6.850	6.707	6.365	0.007	0.636	0.636
5.15 : Presence at work <i>Facility level</i>	0.886	0.886	0.905	0.870	0.886	0.995	0.463	0.463
6.1: Rate of Awareness of Indigents directives	0.143	0.173	0.156	0.188	0.038	0.000	0.555	0.555
6.9: Rate of Awareness of full exemption directives regarding delivery of indigent women	0.397	0.360	0.455	0.277	0.528	0.000	0.011	0.011
6.22: Proportion of population to be exempted - Share preferring 1%	0.025	0.027	0.000	0.051	0.019	0.512	0.032	0.032
6.23: Proportion of population to be exempted - Share preferring 5%	0.224	0.207	0.236	0.182	0.283	0.012	0.363	0.363
6.24: Proportion of population to be exempted - Share preferring 10%	0.324	0.356	0.382	0.333	0.208	0.000	0.489	0.489
6.25: Proportion of population to be exempted - Share preferring 20%	0.191	0.207	0.157	0.253	0.132	0.012	0.109	0.109
6.26: Proportion of population to be exempted - Share preferring 25%	0.237	0.202	0.225	0.182	0.358	0.000	0.467	0.467
6.46: Targeted population – Health coverage BEST target population: share mentioning: Indigents	0.136	0.143	0.148	0.139	0.113	0.247	0.859	0.859

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
7.1: CHW that receive salary	0.080	0.105	0.113	0.099	0.000	0.000	0.774	0.774
7.2: CHW that receive salary top-ups / incentives	0.040	0.035	0.038	0.033	0.057	0.129	0.873	0.873
7.3A: Number of contacts with households (last month)	9.200	8.725	9.688	7.900	10.698	0.022	0.299	0.299
7.3B: Number of sensitization meetings organized (last month)	2.488	2.519	2.280	2.729	2.396	0.422	0.141	0.141
7.3C: Number of children accompanied for treatment at health facilities (last month)	4.186	4.655	5.241	4.135	2.698	0.000	0.198	0.198
7.3D: Number of women accompanied to ANC (last month)	3.054	3.544	3.304	3.756	1.491	0.000	0.618	0.618
7.3E: Number of women accompanied to delivery in health facilities (last month)	1.796	2.071	1.950	2.178	0.882	0.000	0.679	0.679
7.3F: Number of patients for treatment (last month)	7.036	6.725	5.713	7.615	8.038	0.066	0.182	0.182

Table 58. All other regions balance table for key indicators

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
1.1: ANC coverage: at least 1 visit	0.441	0.444	0.450	0.448	0.434	0.433	0.208	0.722	1.000	1.000	1.000
1.2: ANC coverage: at least 4+ visits	0.682	0.689	0.676	0.713	0.681	0.658	0.000	0.160	0.222	1.000	0.392
1.3: Timely ANC (within 4 months)	0.547	0.533	0.534	0.530	0.534	0.594	0.000	0.979	1.000	1.000	1.000
1.7: Facility-based deliveries	0.009	0.010	0.009	0.011	0.011	0.005	0.005	0.863	1.000	1.000	1.000
1.9: PNC Coverage	0.050	0.057	0.058	0.062	0.051	0.028	0.000	0.569	1.000	1.000	0.899
1.12: Contraceptive prevalence rate	0.117	0.122	0.126	0.124	0.116	0.100	0.000	0.635	1.000	1.000	1.000
1.14: Use of modern family planning methods	0.105	0.109	0.112	0.111	0.104	0.094	0.001	0.743	1.000	1.000	1.000
1.16: IPT of malaria in pregnancy	0.527	0.539	0.527	0.566	0.523	0.445	0.000	0.522	1.000	1.000	0.937
2.1: Availability of any source of electricity	0.848	0.855	0.865	0.854	0.845	0.824	0.155	0.935	1.000	1.000	1.000
2.2: Availability of any source of water supply	0.879	0.873	0.884	0.865	0.869	0.901	0.166	0.920	1.000	1.000	1.000
2.13B: Stockout of amoxicillin (tablet, capsule)	0.045	0.053	0.041	0.059	0.060	0.017	0.021	0.857	1.000	1.000	1.000
2.14B: Stockout of cotrimoxazole	0.041	0.054	0.042	0.091	0.030	0.000	0.001	0.262	0.608	1.000	0.375
2.28: Proportion of all ANC cases receiving iron and folate supplementation	0.905	0.909	0.934	0.890	0.900	0.882	0.006	0.144	0.177	0.507	1.000
2.29: Proportion of first and second visit ANC cases receiving tetanus prophylaxis	0.796	0.800	0.841	0.792	0.763	0.765	0.318	0.675	1.000	1.000	1.000
2.31: Proportion of all ANC cases receiving counseling on nutrition/ diet during pregnancy	0.120	0.122	0.142	0.128	0.091	0.110	0.293	0.167	1.000	0.190	0.571
2.32: Proportion of all ANC cases receiving counselling on pregnancy danger signs	0.501	0.514	0.565	0.508	0.458	0.417	0.000	0.037	0.489	0.032	0.700

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.35: Proportion of all ANC cases receiving counseling on use of SBA during delivery	0.294	0.288	0.247	0.311	0.312	0.331	0.006	0.128	0.237	0.258	1.000
2.40: Proportion of all ANC cases undergoing BP screening	0.890	0.880	0.944	0.848	0.838	0.961	0.000	0.000	0.001	0.000	1.000
2.63B: Stockout of Oxytocin	0.011	0.016	0.023	0.000	0.024	0.000	0.158	0.614	1.000	1.000	1.000
2.68: Functionality BP machine	0.985	0.980	0.967	1.000	0.975	1.000	0.025	0.268	0.355	1.000	0.739
3.1A: BCG Coverage	0.932	0.931	0.934	0.937	0.922	0.935	0.363	0.219	1.000	0.530	0.300
3.4B: Penta 3 Coverage	0.918	0.917	0.922	0.918	0.910	0.920	0.470	0.483	1.000	0.698	1.000
3.5: Measles Coverage	0.899	0.905	0.887	0.923	0.909	0.876	0.000	0.014	0.012	0.252	0.837
3.7: Full vaccination coverage	0.851	0.865	0.848	0.911	0.841	0.798	0.000	0.034	0.077	1.000	0.062
3.17: Children U5YO with fever who received treatment with any antimalarial	0.659	0.663	0.630	0.708	0.650	0.638	0.127	0.136	0.163	1.000	0.469
4.2 Timely initiation breastfeeding (within the first hour after delivery)	0.368	0.369	0.408	0.334	0.362	0.364	0.646	0.024	0.021	0.279	0.970
4.4 Exclusive breastfeeding(0-6months)	0.576	0.564	0.606	0.556	0.500	0.591	0.477	0.584	1.000	0.919	1.000
4. 6: Growth monitoring	0.227	0.236	0.246	0.233	0.229	0.193	0.000	0.407	0.951	0.626	1.000
4.7: Severe stunting (HAZ <-3SD)	0.235	0.234	0.243	0.221	0.236	0.241	0.264	0.323	0.414	1.000	1.000
4.13: Severe acute malnutrition	-	-	-	-	-	-	-	-	-	-	-
4.14 : Anemia (children 6-59 months)	0.885	0.897	0.885	0.896	0.912	0.842	0.000	0.067	1.000	0.061	0.537
4.15: Slight anemia (children 6-59 months) (10-10,9g/dl)	0.207	0.183	0.177	0.203	0.169	0.305	0.000	0.077	0.280	1.000	0.092
4.16: Moderate anemia (children 6-59 months) (7-9,9g/dl)	0.634	0.641	0.647	0.618	0.658	0.605	0.000	0.104	0.371	1.000	0.122
4.17: Severe anemia (children 6-59 months) (<7g/dl)	0.159	0.176	0.176	0.180	0.174	0.090	0.000	0.927	1.000	1.000	1.000
4.18: Anemia (Women 15-49 years) (NP <12g/dl; P <11g/dl)	0.679	0.673	0.673	0.681	0.665	0.714	0.000	0.674	1.000	1.000	1.000
4.19: Slight anemia (Women 15-49 years) (NP 11- 11,9 g/dl; P (10-10,9g/dl)	0.369	0.364	0.370	0.357	0.366	0.395	0.000	0.845	1.000	1.000	1.000
4.20: Moderate anemia (Women 15-49 years) (NP 8- 10,9 g/dl; P (7-9,9g/dl)	0.585	0.588	0.577	0.600	0.587	0.570	0.047	0.564	0.859	1.000	1.000
4.21: Severe anemia (Women 15-49 years) (NP <8 g/dl; P (<7g/dl)	0.046	0.048	0.054	0.042	0.048	0.035	0.001	0.500	0.718	1.000	1.000
5.3 : Health worker density	0.624	0.584	0.658	0.562	0.528	0.756	0.000	0.221	0.645	0.287	1.000
5.4 : Caseload	167.627	178.402	170.700	181.820	183.853	127.711	0.000	0.770	1.000	1.000	1.000
5.9 : Performance evaluation <i>Health worker level</i>	0.615	0.600	0.568	0.662	0.573	0.676	0.002	0.209	0.317	1.000	0.457
5.12 : Perceived individual agency <i>Health worker level</i>	6.529	6.517	6.657	6.640	6.219	6.576	0.572	0.166	1.000	0.260	0.334
5.13A : Satisfaction with working conditions <i>Health worker level:</i> Management and supervision	7.231	7.283	7.375	7.306	7.145	7.033	0.003	0.521	1.000	0.781	1.000
5.13B : Satisfaction with working conditions <i>Health worker level:</i> Relationship with colleagues	8.094	8.116	8.252	7.985	8.079	8.012	0.172	0.328	0.434	1.000	1.000
5.13C : Satisfaction with working conditions <i>Health worker level:</i> Relationship with authorities	7.149	7.146	7.046	7.270	7.141	7.159	0.874	0.510	0.740	1.000	1.000
5.13D : Satisfaction with working conditions <i>Health worker level:</i> Relationship with communities	7.848	7.872	7.874	7.923	7.817	7.760	0.113	0.839	1.000	1.000	1.000

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
5.13E: Satisfaction with working conditions <i>Health worker level: Workplace (material. infrastructure)</i>	6.521	6.548	6.636	6.394	6.597	6.419	0.082	0.361	0.525	1.000	0.839
5.13F : Satisfaction with working conditions <i>Health worker level: Tasks and workload</i>	6.971	7.018	7.158	7.076	6.784	6.793	0.005	0.140	1.000	0.165	0.451
5.13G : Satisfaction with working conditions <i>Health worker level: Performance feedback</i>	7.099	7.084	7.231	6.922	7.078	7.155	0.457	0.406	0.540	1.000	1.000
5.13H : Satisfaction with working conditions <i>Health worker level: Compensation</i>	4.154	4.186	4.229	4.238	4.079	4.035	0.083	0.719	1.000	1.000	1.000
5.13I : Satisfaction with working conditions <i>Health worker level: Career development</i>	6.818	6.859	7.017	6.852	6.670	6.664	0.024	0.257	1.000	0.299	1.000
5.15 : Presence at work <i>Facility level</i>	0.821	0.834	0.847	0.817	0.838	0.778	0.000	0.654	1.000	1.000	1.000
6.1: Rate of Awareness of Indigents directives	0.078	0.069	0.062	0.083	0.063	0.112	0.000	0.623	1.000	1.000	1.000
6.9: Rate of Awareness of full exemption directives regarding delivery of indigent women	0.231	0.193	0.202	0.206	0.168	0.371	0.000	0.581	1.000	1.000	1.000
6.22: Proportion of population to be exempted -Share preferring 1%	0.085	0.078	0.053	0.089	0.099	0.108	0.008	0.183	0.513	0.256	1.000
6.23: Proportion of population to be exempted -Share preferring 5%	0.220	0.237	0.211	0.230	0.275	0.162	0.000	0.318	1.000	0.406	0.943
6.24: Proportion of population to be exempted -Share preferring 10%	0.322	0.323	0.352	0.319	0.291	0.317	0.755	0.418	1.000	0.568	1.000
6.25: Proportion of population to be exempted -Share preferring 20%	0.160	0.153	0.145	0.168	0.148	0.186	0.029	0.802	1.000	1.000	1.000
6.26: Proportion of population to be exempted -Share preferring 25%	0.213	0.208	0.238	0.194	0.187	0.228	0.247	0.376	0.807	0.621	1.000
6.46: Targeted population - Health coverage BEST target population: share mentioning Indigents	0.236	0.257	0.231	0.308	0.234	0.160	0.000	0.126	0.194	1.000	0.280
7.1: CHW that receive salary	0.017	0.013	0.013	0.013	0.014	0.032	0.000	0.995	1.000	1.000	1.000
7.2: CHW that receive salary top-ups / incentives	0.189	0.217	0.188	0.215	0.250	0.086	0.000	0.264	1.000	0.309	1.000
7.3A: Number of contacts with households (last month)	12.621	13.117	12.727	14.537	12.026	10.840	0.028	0.595	1.000	1.000	0.980
7.3B: Number of sensitization meetings organized (last month)	2.305	2.349	2.444	2.425	2.166	2.142	0.000	0.078	1.000	0.122	0.179
7.3C: Number of children accompanied for treatment at health facilities (last month)	3.458	3.538	3.693	3.752	3.149	3.161	0.039	0.337	1.000	0.676	0.539
7.3D: Number of women accompanied to ANC (last month)	2.231	2.306	2.212	2.498	2.208	1.956	0.027	0.694	1.000	1.000	1.000
7.3E: Number of women accompanied to delivery in health facilities (last month)	1.549	1.621	1.450	1.902	1.509	1.286	0.002	0.177	0.257	1.000	0.421
7.3F: Number of patients for treatment (last month)	8.502	9.582	10.046	9.750	8.915	4.484	0.000	0.583	1.000	0.942	1.000

4. Ex-post power calculations

This IE sought to identify the effects of RBF on MNCH service coverage and quality and to compare these effects to three other combinations of interventions. After the baseline study, ex-post power calculations were conducted on eleven key indicators measuring the MDES.

There are two sub-studies:

- i. RBF & Equity in 4 regions (Centre-Est, Centre-Nord, Nord, Sud-Ouest)
- ii. RBF & CBHI & Equity in region Boucle du Mouhoun

The ex-post power calculation was done separately for the two sub-studies on the basis of the different number of health care facilities, which represent the clusters of the study, and the successful sample (n) for each of the variables.

4.1. Applied method of ex-post power calculations in the two sub-studies

The study was a blocked CRT trial with randomization blocks at the regional level. The ex-post power must take into account both design effects and blocking effects. In total, there were 422 clusters defined by first line health facilities (i.e., each health facility constitutes a cluster) and we had in total 119 health care facilities in study group T1, 89 in T2, 85 in T3 and 34 in T4.¹⁶ There were also approximately 20 health facilities per block. Second level facilities, 20 districts hospitals, were not included in this calculation, because they were not randomly assigned.¹⁷

T1: RBF 90 health facilities	T2: RBF + systematic targeting and subsidization for the poor 84 health facilities
T3: RBF + systematic targeting and subsidization for the poor + providers motivation for consultations with the poor 83 health facilities	

Figure 25. Health facilities by intervention arm in sub-study 1

Sub-study 1: RBF & Equity in regions Centre-Est, Centre-Nord, Nord, Sud-Ouest: There were 321 health facilities in intervention districts in the four regions of sub-study 1. For the number of health facilities per intervention arm, see Figure 25. Health facilities by intervention arm in sub-study 1

¹⁶ In study group T1 in Boucle du Mouhoun 14 first line health facilities were not randomized. These were dropped from the analysis. In total, the study was conducted in 48 first line facilities in study group T1 in Boucle du Mouhoun.

¹⁷ In each of the five regions, there were 4 district hospitals. These were not included in the analysis as they were not randomly assigned.

Sub-study 2: RBF & CBHI & Equity in region Boucle du Mouhoun: There were 63 first level health facilities in intervention districts in Boucle du Mouhoun (sub-study 1), after excluding 14 (health facilities where CBHI is already included will be excluded from the study) from the original 77. The health facilities per intervention arm are presented in Figure 26. Health facilities by intervention arm in sub-study 2

<p>T1: RBF</p> <p>29 health facilities</p>	<p>T4: RBF + CBHI + systematic targeting and subsidization for the poor</p> <p>34 health facilities</p>
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Figure 26. Health facilities by intervention arm in sub-study 2

All eligible health facilities in the pilot districts were included in the sample for the baseline surveys and will be sampled in the endline surveys. The main target outcomes for the IE included MNCH service coverage indicators. Since the coverage levels for different services varied, the ex-post power calculations were conducted for several key indicators, defined as a binary indicator (present or not).

The calculations were done separately for the control group T1 in the base and for the intervention group in the baseline. This allowed for the pair-wise comparison T3 vs. T1 for sub-study 1 and of T4 vs. T1 in sub-study 2. Since the ex-post power calculation was done separately for the control and the intervention group at baseline, the overall power levels were underestimated, because at endline it will be possible to adjust for the baseline. Hence, at endline, the changes in the treatment group will be calculated assuming that the level of change in the control is independent from the change in the intervention group(s). For the ex-post power calculation, the software Optimal Design was used; the underlying model used is discussed in the Optimal Design software documentation.

Detecting a treatment effect at a given power level depends on several study design determinants/results and decisions on power and error levels:

- i. Statistical determinants set by the study team:
 - Statistical power level (80%)
 - The Type I error ($\alpha=0.05$).
- ii. Determinants of the research design:
 - The number of blocks (K = number of regions)
 - The total number of clusters being included in the pair-wise comparison in each block (J = number of health facilities per site)
- iii. Empiric determinants:
 - The number of observations per cluster (n varying by variable)
 - The distribution of prevalence rates among the control clusters (see below) and the intervention group (see Annex). Prevalence rates are determined by the probability of

success in the control group (φ_c) and the variability around that probability of success (quantified using a plausible interval). A “success” is defined here as observing the outcome under study.

- The expected distribution of prevalence rates among the treated clusters.

Note the standardized treatment effect (effect size), the intra-class correlation (ICC) and the design effect are concepts that do not really apply in this case, since the within-cluster variation depends on the prevalence rate. Therefore, there was no constant standardized treatment effect or intra-class correlation. Instead, the expected minimum detectable treatment effect was measured here as the change in the probability of success in the treatment group (φ_e) relative to the probability of success in the control group (φ_c).

To be concrete, take the ANC4 (women completing four ANC visits) prevalence rate, estimated at 45%. Suppose the interval (0.35, 0.55) contains 95% of the plausible values for the probability of success φ_c in the health facilities before the intervention. The plausible interval need not be centered at φ_c . However, given the balanced nature of the design and to avoid further complication, assume for now such centering.

Under these assumptions, the power to detect a treatment effect will naturally depend on how different from 0.45 the “average” prevalence rate is expected to be among the health facilities in the treatment group, controlling for the change in the control group.

4.2. Sub-study 1: RBF & Equity in 4 regions (Centre-Est, Centre-Nord, Nord, Sud-Ouest)

The ex-post power calculations were for the control group and the treatment group T3 at baseline, allowing for the pair-wise comparison T3 vs. T1. In theory, the power for the pair-wise comparisons T3 vs. T2 and T2 vs. T1 will both be lower. At the power of 0.8, the minimum treatment effect was calculated using the following determinants for T1:

- i. Type I error ($\alpha=0.05$).
 - ii. Number of observations per cluster (n), cluster size, ranges between 1 and 19 (based on successful sample).
 - iii. Total number of clusters being included in the control (for the intervention group T3, see Annex) per block ($J=22$). (# of clusters=90/4 sites)
 - iv. Number of blocks ($K=4$).
 - v. Average prevalence rate of indicator in the control group.
 - vi. 95% plausible interval for the probability of success in the control group: (-0.10, +0.10).
- Assumed effect size variability is zero (ESU=0).
 - 95% plausible interval for the probability of success in the treatment group is of the same size as that of the control group.

4.3. Sub-study 2: RBF & CBHI & Equity in region Boucle du Mouhoun

The ex-post power calculations were for the control group T1 and the treatment group T4 at baseline, allowing for the pair-wise comparison T4 vs. T1. As the sub-study is in one region only, there is no blocking. The underlying model used is discussed in the Optimal Design software documentation.

The assumptions for the power calculation include:

- i. Type I error ($\alpha=0.05$).
 - ii. Number of observations per cluster (n), cluster size, ranges between 0 and 18 (based on successful sample).
 - iii. Total number of clusters being included in the control T1 (for the intervention group T4, see Annex) in each block ($J=29$). (# of clusters= $29/1$ site).
 - iv. Number of blocks ($K=1$, one region).
 - v. Average prevalence rate of indicator in the control group.
 - vi. 95% plausible interval for the probability of success in the control group: (-0.10, +0.10).
- Assumed effect size variability is zero ($ESU=0$).
 - 95% plausible interval for the probability of success in the treatment group is of the same size as that of the control group.

4.4. Results of ex-post power calculations

The minimum detectable effect has been calculated for 11 key indicators.¹⁸ All these indicators were binary variables, while 1 expressed the success regarding the particular indicator by the respondent and 0 expressed the non-fulfillment of the indicator. Hence, the probability of success of all variables ranged between 0 and 1, for example, representing the percentage of women or children receiving a particular treatment or utilizing a particular service. The only exception in the selected indicators was indicator 1-13 “Unmet need for family planning (pregnant women)” which used an inverted scale, the lower the value, the lower the unmet need, representing a positive success (Table 59).

Indicator 1-1 “ANC coverage 1+ visits” was dropped from the ex-post power calculation, because the probability of success in the studied population in Burkina Faso was already at 100%, so that no further positive effect could be measured in the endline study. This meant that all women in the study population utilized ANC services at least once during pregnancy.

¹⁸ Three variables which were used for the ex-post power calculation in a previous IE study on Rwanda could not be used for this study, as they were not measured: “Skilled delivery”, “Low birth-weight newborns”, “Postnatal supplementation with vitamin A”.

Using the main determinants as described in the previous section, Table 60 shows the minimum detectable effect for the selected variables in sub-study 1 (four regions) and Table 61 shows the minimum detectable effect for sub-study 2 (region Boucle du Mouhoun).

Table 59. Indicators used for ex-post power calculation

Number	Indicator
1-1	ANC coverage 1+ visit
1-2	ANC coverage 4+ visits
1-3	Timely ANC (<=4m)
1-5	Tetanus Toxoid 2 coverage in pregnancy
1-6	90 day iron supplementation in pregnancy
1-7	Delivery in formal health facility
1-11	Timely PNC (within 48 hours)
1-12	Modern contraceptive prevalence
1-13*	Unmet need for FP (pregnant women)
4-2	Timely initiation of breast-feeding
4-4	Exclusive breast-feeding 0-6 months

* Inverted scale (reduction is a positive effect).

The range for the absolute value of the minimum detectable effect for sub-study 1 was between 0.06 and 0.28. In sub-study 2, the range for the absolute value of the MDES was higher for all indicators, between 0.09 and 0.23, excluding indicators 1-13 and 4-4 as the 80% power requirement was not met.

Table 60. Sub-study1 - Regions Centre-Est, Centre-Nord, Nord, Sud-Ouest: MDES at 80% power for the control group T1

Indicator	Obs	Mean	Lowest level	Detectable effect
1-1 ANC coverage 1+ visit	1,287	1.00	**n/a	
1-2 ANC coverage 4+ visits	1,287	0.45	0.54	0.09
1-3 Timely ANC (<=4m)	1,287	0.67	0.75	0.08
1-5 Tetanus Toxoid 2 coverage in pregnancy	1,333	0.59	0.67	0.08
1-6 90 day iron supplementation in pregnancy	1,258	0.58	0.67	0.08
1-7 Delivery in formal health facility	1,319	0.87	0.93	0.06
1-11 Timely PNC (within 48 hours)	1,316	0.05	0.17	0.12
1-12 Modern contraceptive prevalence	1,725	0.13	0.20	0.07
1-13 Unmet need for FP (pregnant women)*	196	0.18	0.03	-0.15
4-2 Timely initiation of breast-feeding	641	0.41	0.53	0.12
4-4 Exclusive breast-feeding 0-6 months	67	0.60	0.88	0.28

* Inverted scale (reduction is a positive effect).

** Almost full coverage achieved in indicator 1-1, therefore no effect calculation possible.

The successful sample of three indicators significantly differed from the other measured variables. Indicator 1-13 “Unmet need for Family Planning (pregnant women)” reached a comparatively smaller N, because it was only asked to women who were pregnant at the time of the study. This resulted in a relatively low (inverted scale!) lowest level and a relatively high

minimum detectable effect. In the case of sub-study 2, due to the small N, no lower value fulfilled a power of 0.8. Similarly, with indicator 4-4 “exclusive breast-feeding 0-6 months”, the small N did not allow the calculation of the minimum detectable effect in sub-study 2, as it did not fulfill the power requirement. Indicator 4-2 “Timely initiation of breast-feeding” achieved a lower N than other indicators, but it was still possible to calculate a minimum effect at 80% power level for both sub-studies.

Comparing in sub-study 1 the MDES of the control group T1 with the MDES of treatment group T3 (see Annex IV), there are only minor differences, below one percent point for most variables (1-2, 1-3, 1-6, 4-2) and at about one percent point (1-5, 1-7, 1-12). The only exception was indicator 1-11 which had a 2 percent point higher MDES in the treatment group. Calculating the MDES for the treatment group T3, indicators 1-13 and 4-4 were excluded from the calculation, because they did not reach the sufficient power level of 0.8.

Comparing in sub-study 2 the MDES of the control group T1 with the MDES of treatment group T4 (see Annex IV), there were – similar to sub-study 1 – only minor differences, below one percent point for most variables (1-2, 1-5, 1-6, 1-7, 1-12) and at about one percent point (1-3). The difference in indicators 1-11 and 4-2 were slightly higher at -1.9 percent points and -1.8 percent points in the treatment group T4 compared to T1, respectively. Indicators 1-13 and 4-4 did not reach the sufficient power level in both, T1 and T4, and therefore were excluded from calculation.

Table 61. Sub-Study2 - Region Boucle du Mouhoun: MDES at 80% power for the control group T1

Indicator	Obs	Mean	Lowest level	Detectable effect
1-1 ANC coverage 1+ visit	400	1.00	**n/a	
1-2 ANC coverage 4+ visits	400	0.48	0.64	0.16
1-3 Timely ANC (<=4m)	400	0.61	0.76	0.15
1-5 Tetanus Toxoid 2 coverage in pregnancy	416	0.68	0.82	0.14
1-6 90 day iron supplementation in pregnancy	373	0.43	0.59	0.16
1-7 Delivery in formal health facility	414	0.88	0.97	0.09
1-11 Timely PNC (within 48 hours)	414	0.04	0.22	0.17
1-12 Modern contraceptive prevalence	520	0.14	0.28	0.14
1-13 Unmet need for FP (pregnant women)*	65	0.18	***n/a	
4-2 Timely initiation of breast-feeding	188	0.41	0.65	0.23
4-4 Exclusive breast-feeding 0-6 months	13	0.69	***n/a	

* Inverted scale (reduction is a positive effect).

** almost full coverage achieved in indicator 1-1, therefore no effect calculation possible.

*** due to the small N in this indicator, a power of 0.80 is not achievable.

Three indicators were selected to show, in more detail, the lowest effect level at 80% power comparing sub-study 1 and sub-study 2:

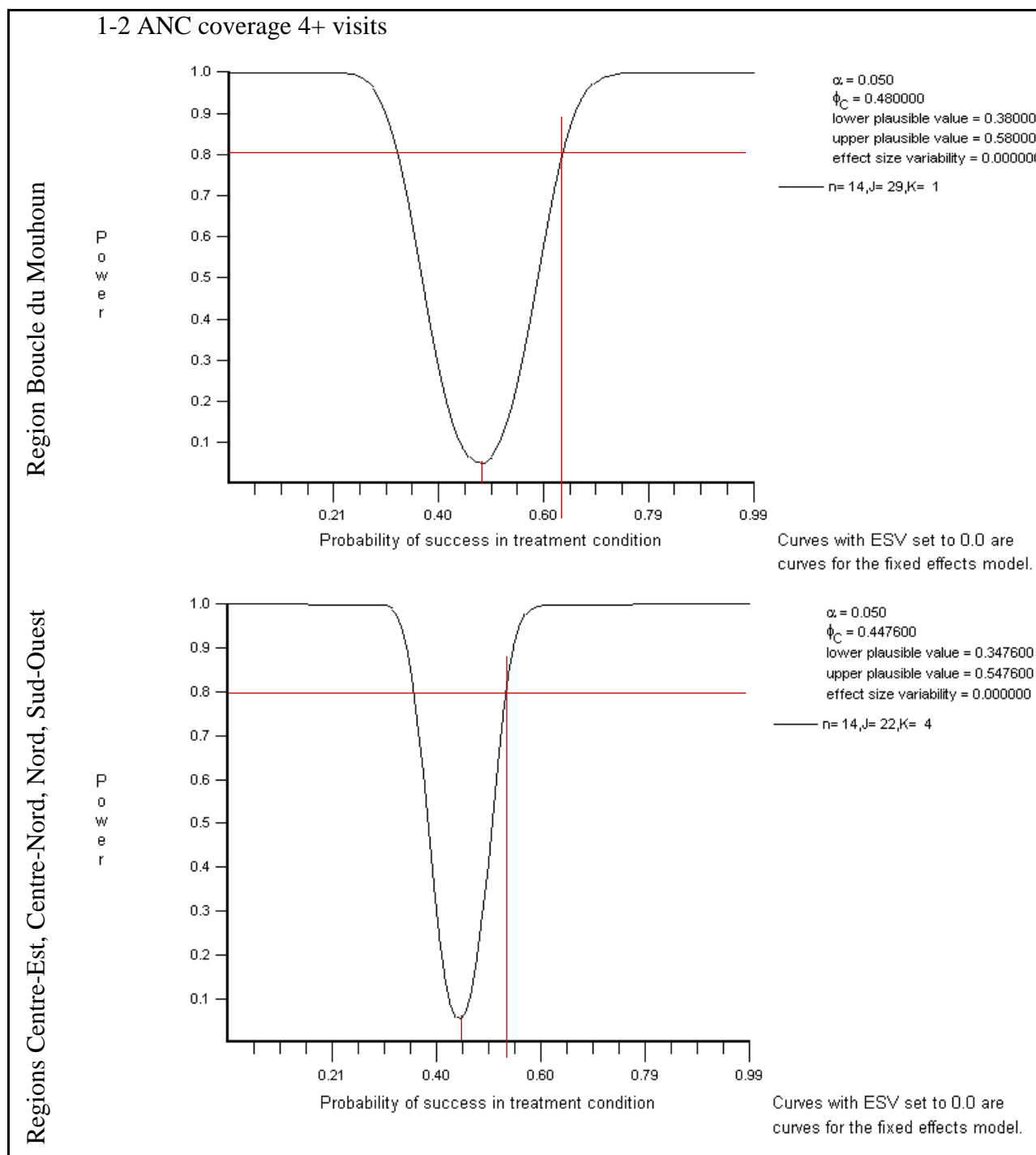


Figure 27. Comparison of MDES between intervention areas in indicator 1-2 (control group T1)

Figure 27 shows the results for indicator 1-2 “ANC coverage 4+ visits”. In sub-study 1 (four regions), the mean of indicator 1-2 was 0.45 and the lowest effect level was 0.54 (MDES 0.09). In sub-study 2 (Boucle du Mouhoun), the mean of indicator 1-2 was 0.48 and the lowest effect level was 0.64 (MDES 0.16).

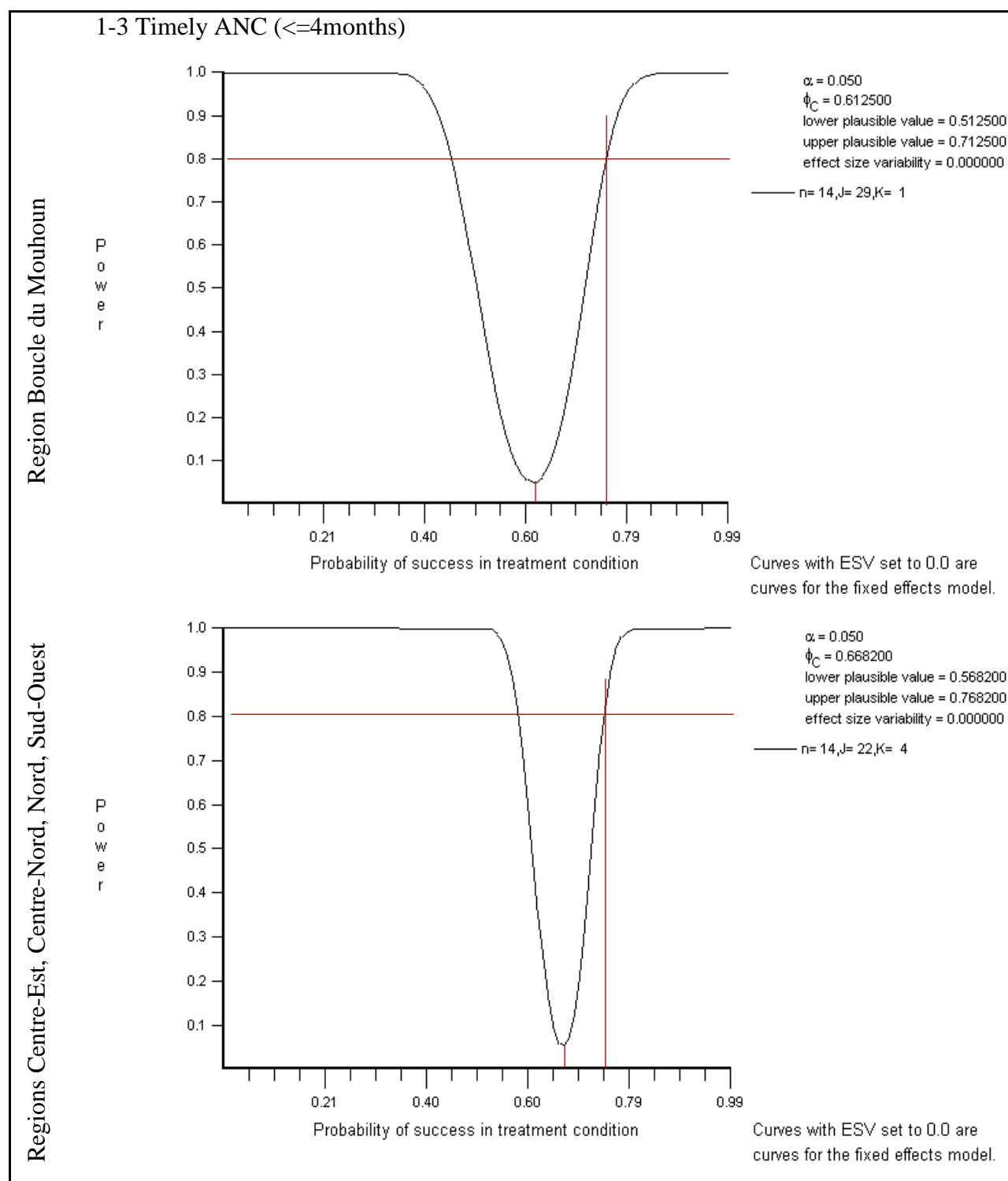


Figure 28. Comparison of MDES between interventions areas in indicator 1-3 (control group T1)

Figure 28 presents the results for indicator 1-3 “Timely ANC (≤ 4 m)”. In sub-study 1, the mean of indicator 1-3 was 0.67 and the lowest effect level was 0.75 (MDES 0.08). In sub-study 2, the mean of indicator 1-3 was 0.61 and the lowest effect level was 0.76 (MDES 0.15).

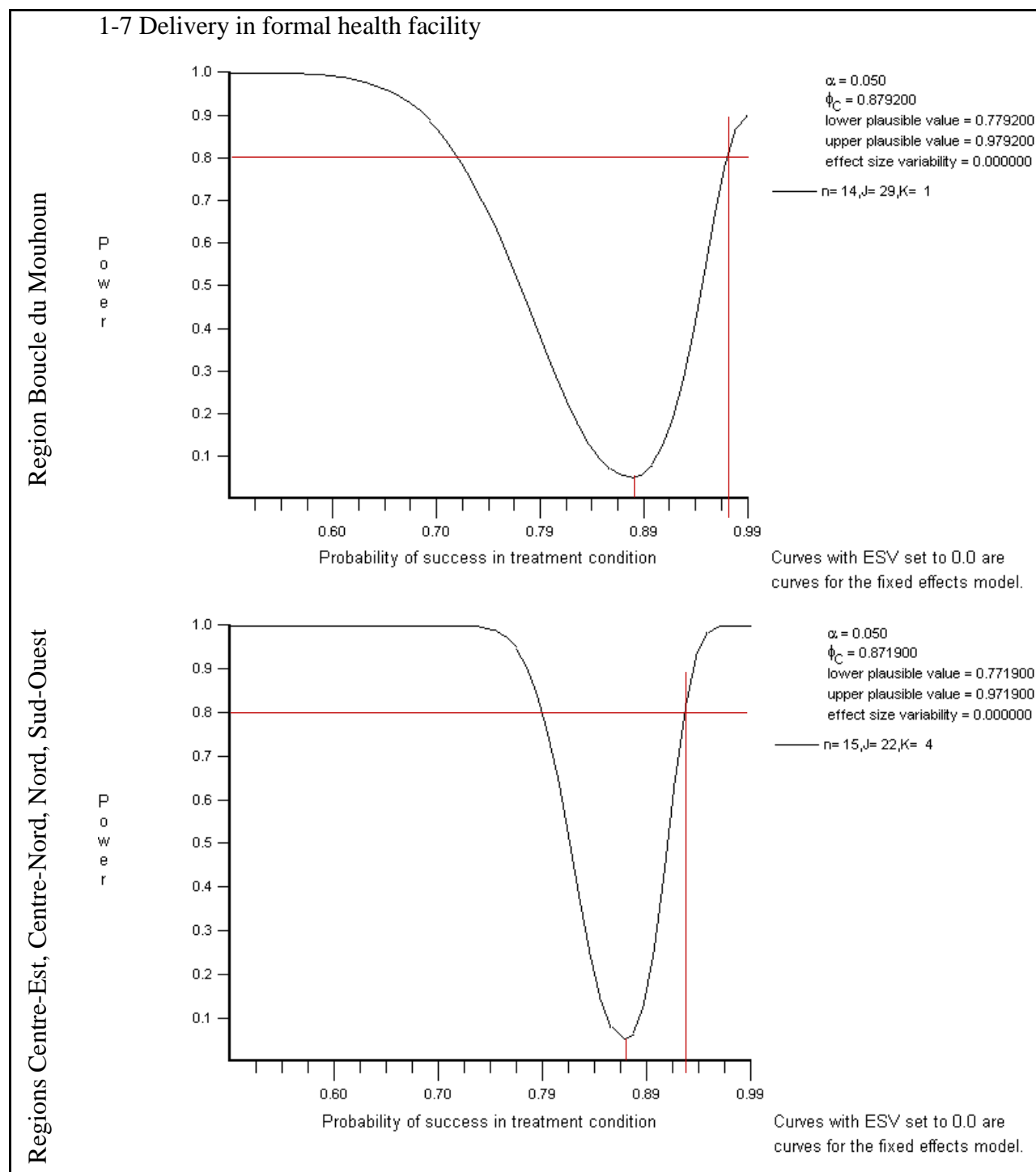


Figure 29. Comparison of MDES between areas in indicator 1-7 (control group T1)

Figure 29 shows the indicator 1-7 “Delivery in formal health facility”. In sub-study 1, the mean of indicator 1-7 was 0.87 and the lowest effect level was 0.93 (MDES 0.09). In sub-study 2, the mean of indicator 1-7 was 0.88 and the lowest effect level was 0.97 (MDES 0.09).

5. Threats to the validity of the study

5.1. Internal validity

5.1.1. Definition and threats

To evaluate the impact of a complex intervention, with the final aim of improving the quality of and access to health care, applied research needs to develop procedures that approximate the conditions of highly controlled laboratory experiments, in the real world. In true experiments, researchers manipulate an independent variable with treatment and comparison conditions, and exercise a high degree of control through the random assignment to these conditions. This leads to an unambiguous outcome regarding what caused a result on the dependent variable.

The complexity of a PBF intervention, with its implementation at different levels of the health systems (primary and secondary health facilities), as well as the highly decentralized structure of the health care system in Burkina Faso, with the districts being the cornerstone of the health system, made it impossible to have a randomization of health facilities in the country for PBF interventions and controls. The design developed for the study was then a blended experimental and quasi-experimental design, including both randomization of additional interventions at the facility-level with PBF districts (experimental), to test the effects of these interventions on outcomes of interest, conditional on PBF, and matching of facilities in neighboring pure control districts (quasi-experimental), to test the effects of these interventions, including PBF, in the absence of any intervention (counterfactual).

The primary research question: “does PBF increase utilization and quality of MNCH services delivered in Burkina Faso?” will be answered with the quasi-experimental design; while the other questions will be answered with the experimental design: “does PBF improve financial access to and utilization of quality health services for vulnerable populations without systematic targeting of the poor?”, “does PBF improve financial access to and utilization of quality health services for vulnerable populations through systematic targeting of the poor for improved health service coverage among vulnerable populations?”, “does the combination of PBF and CBHI generate added value to improve access to and quality of health services for all populations, including the most vulnerable?”, “which combination of interventions provides the most value for money?”.

In the experimental design, threats to internal validity are controlled. If internal validity is limited, the confidence to conclude that a relationship exists between the independent and dependent variables is compromised.

True experiments may not eliminate certain threats:

- Contamination of the no-treatment group by the treatment group; somehow the no-treatment group finds out what the treatment is and starts changing behavior (e.g. imitating the treatment group).
- The Hawthorne effect - refers to a phenomenon whereby individuals improve or modify an aspect of their behavior in response to their awareness of being observed. The original Hawthorne effect study suggested that the novelty of being research subjects and the increased attention from such, could lead to temporary increases in workers' productivity.

In quasi-experimental design, the following threats to internal validity must be considered:

- Selection: when differences exist between individuals in treatment and control groups at the start of the study, these differences become alternative explanations for any differences observed at the end of the study (rather than the treatment itself).
- Additive effects with selection: when one group of participants responds differently to an external event (history), matures differently, or is measured more sensitively by a test (instrumentation), these threats (rather than treatment) may account for any group differences at the end of a study.

To ensure good internal validity of the survey, the use of the difference-in-differences method has become very widespread and so, this is also how the IE data will be analyzed. The simplest set up is one where outcomes are observed for two groups for two periods of time. One of the groups is exposed to a treatment in the second period but not in the first period. The second group is not exposed to the treatment during either period. In the case where the same units within a group are observed in each time period, the average gain in the second (control) group is subtracted from the average gain in the first (treatment) group. This removes biases in second period comparisons between the treatment and control group that could be the result from permanent differences between those groups, as well as biases from comparisons over time in the treatment group that could be the result of trends.

The section 5.1.2, hereafter, focuses on the balance table results to analyze differences between control and intervention groups, and also between the different intervention arms (selection). At the endline survey, a qualitative survey will take place in both control and intervention districts and will analyze the potential threats to ensure the internal validity of the IE.

5.1.2. Sample balance: Summary of F-tests and T-tests results

Comparisons of means on different levels were calculated by applying F-tests and T-tests, in order to test whether differences in the means of the intervention and control arms of the study were statistically significant. For detailed analyses for every indicator, see annex III, where the complete overview is provided with balance tables for all regions together, as well as separate balance tables for region Boucle du Mouhoun and for the regions Centre-Est, Centre-Nord, Nord, and Sud-Ouest.

The different levels of comparison were:

- i. Testing whether the mean of all intervention arms altogether are statistically different from the control (T-test).
- ii. Testing whether statistically significant differences exist between the means of the different intervention arms altogether (F-test the ANOVA model).
- iii. Testing whether the pairwise differences in the means of the intervention arms are significant, T1 vs. T2 vs. T3 vs. T4 (F-test for the ANOVA model with the Bonferroni multiple-comparison test).

The summary of the F-tests and T-tests in this section distinguishes between the region Boucle du Mouhoun, which is different in certain aspects, as it is the only region with the existing intervention of CBHI, and the regions Centre-Est, Centre-Nord, Nord, and Sud-Ouest, which are presented in a combined balance table. In Boucle du Mouhoun, the differences between the two intervention arms T1, T4 and Control are tested, while in the four other regions the differences between the three intervention arms T1, T2, T3 and Control are tested.

Table 62 presents the summary of the significant differences of the different levels of comparison. The percentages refer to the number of significant differences divided by the total number of indicators. For the balance table of Boucle du Mouhoun, the summary could be calculated for 330 of the total 375 indicators (some needed to be omitted as they did not have the required variation or had too many missing values and the WP 0 indicators have not been taken into consideration).

The results show that there are predominantly significant differences between the intervention groups (T1 and T4 combined) and the control. In total, in 67.3% of the indicators, a significant difference could be found between the means of the control and the intervention groups. The highest percentage of indicators with significant differences was measured in WP 4 on nutrition (85.0), while the lowest percentage of significant differences in the mean of the indicators were measured for WP 1 on *Maternal health: utilization indicators* and WP 6 on *Targeting and health insurance*.

Since in Boucle du Mouhoun only two intervention arms were applied (T1 and T4), the F-test of the ANOVA model and the F-Test of the comparison between T4 and T1 shows almost identical results. Therefore, only the pairwise comparison discussion follows. In total, in only 10.6% of the indicators, could significant differences be identified in the means of T4 and T1. However, there is a large variation between the WP: While WP 5 on *Human resources and management of health care facilities* has significant differences in only 1.6% of the indicators, in WP 3 on *child health utilization indicators*, 26.9% of the indicators show significant differences in the mean between T4 and T1. Also, WP 7 on *CHW* shows only a few significant differences (in 3.4% of indicators) between T4 and T1.

Table 62. Percentage of indicators with significant differences in the means (Boucle du Mouhoun)

Percentage of significant differences			
	Intervention vs. Control*	ANOVA model, all intervention arms**	Intervention arms T4-T1***
WP 1	50.0%	12.5%	12.5%
WP 2	72.0%	12.9%	12.9%
WP 3	73.1%	23.1%	26.9%
WP 4	85.0%	10.0%	10.0%
WP 5	65.6%	1.6%	1.6%
WP 6	50.0%	10.9%	10.9%
WP 7	69.0%	3.4%	3.4%
TOTAL	67.3%	10.3%	10.6%

* Significance level smaller $p < 0.1$ in T-test: intervention (all arms combined) vs. control

** Significance level smaller $p < 0.1$ of F-Test of ANOVA model with all intervention arms

*** Significance level smaller $p < 0.1$ of F-Test (Bonferroni adjusted); Intervention arms only (T1 vs. T4)

Table 63 refers to the summary of the balance tables for the four regions Centre-Est, Centre-Nord, Nord, and Sud-Ouest. The summary could be calculated for 368 out of the 375 indicators, as ten indicators needed to be omitted due to many missing values and the WP0 indicators have not been taken into consideration. Similarly to the results from the summary of differences in Boucle du Mouhoun, the T-test between all intervention arms combined versus the control shows significant differences in the means for the majority of indicators (65.5%). The lowest percentage of significant differences could be found for WP 5 on *human resources and management of health care facilities* (56.1%), while the largest differences could be found in WP 7 (86.2%) and WP 1 (81.3%).

In direct comparison, the percentage of significant differences between the means of the intervention arms is substantially lower: The F-test of the overall ANOVA model shows significant levels only for 15.8% of the indicators. Also here, the variation between the WP is quite substantial, showing 4.5% of significant differences of the interventions in WP 5 and 34.6% in WP 3.

The pairwise comparison of means generally shows only a few numbers of indicators with significant differences between the single intervention arms: T2-T1 5.2%, T3-T1 6.5% and T3-T2 5.4%. Similarly to the findings in the Boucle du Mouhoun summary of significant differences, the variation between the WP, as well as between the different pairs, is substantial. While the WP 1, 2, and 6 show the most significant differences between intervention arms T3 and T1, WP 3 and 7 show the most significant differences in the pair T2 and T1, while WP 5 shows the most differences between T3 and T2. An exception is WP4, which shows exactly the same percentage of significant differences in all three pairs.

Table 63. Percentage of indicators with significant differences in the means (Centre-Est, Centre-Nord , Nord, and Sud-Ouest)

Percentage of significant differences					
	Intervention vs. Control*	ANOVA model, all intervention arms**	Intervention arms T2-T1***	Intervention arms T3-T1***	Intervention arms T3-T2***
WP 1	81.3%	25.0%	6.3%	18.8%	12.5%
WP 2	62.7%	15.2%	4.4%	8.9%	5.7%
WP 3	65.4%	34.6%	19.2%	7.7%	11.5%
WP 4	65.0%	25.0%	10.0%	10.0%	10.0%
WP 5	56.1%	4.5%	0.0%	0.0%	3.0%
WP 6	69.8%	15.1%	1.9%	5.7%	0.0%
WP 7	86.2%	17.2%	10.3%	0.0%	6.9%
TOTAL	65.5%	15.8%	5.2%	6.5%	5.4%

* Significance level smaller $p < 0.1$ in T-test: intervention (all arms combined) vs. control

** Significance level smaller $p < 0.1$ of F-Test of ANOVA model with all intervention arms

*** Significance level smaller $p < 0.1$ of F-Test (Bonferroni adjusted); Intervention arms only (T1 vs. T2 vs. T3)

Looking at the main indicators of the report (tables 64 and 65), it can be seen that the differences in the means between the control and the intervention arms (combined) show more significant values than in the pairwise comparison of intervention arms.

Table 64. Statistically significant differences in the means of the main indicators (Boucle du Mouhoun)

Indicators	t-test ^a p-value	F-test ^b p-value	T4-T1 ^c
1.1: ANC coverage: at least 1 visit	0.32	0.34	0.34
1.2: ANC coverage: at least 4+ visits	0.43	0.95	0.95
1.3: Timely ANC (within 4 months)	0.00***	0.22	0.22
1.5: Tetanus: at least 2 doses during pregnancy	0.14	0.29	0.29
1.6: 90 days iron sup. in pregnancy	0.00***	0.18	0.18
1.7: Facility-based deliveries	0.05*	0.08*	0.08*
1.11: Timely PNC for mothers within 48 hours	0.00***	0.68	0.68
1.12: Contraceptive prevalence rate	0.11	0.15	0.15
1.13: Unmet need for FP (pregnant women)	0.15	0.62	0.62
4.2 Timely initiation breastfeeding (within the first hour after delivery)	0.00***	0.22	0.22
4.4 Exclusive breastfeeding (0-6months)	0.00***	0.56	0.56

^a T-test: intervention (all arms combined) vs. control

^b F-Test of ANOVA model with all intervention arms

^c F-Test (Bonferroni adjusted); Intervention arms only (T1 vs. T4)

Significance level: $p < 0.1$ *, $p < 0.05$ **, $p < 0.01$ ***

No difference could be found for the indicators 1-1 and 1-13 in both of the balance tables shown, while the differences in indicators 1-3, 1-6 and 1-7 were significant in both cases. The indicators 1-11, 4-2 and 4-4 only showed significant differences between control and intervention in Boucle du Mouhoun, while indicators 1-2, 1-5, and 1-12 showed significant differences only in the four other regions.

Between the randomized intervention arms (pairwise comparisons), no or very few significant differences were expected. This was the case for Boucle du Mouhoun where only the indicator 1-7 showed significant differences between the intervention arms T1 and T4. In the four other regions, indicator 1-6 showed significant differences between T2 and T1 as well as between T3 and T1. Furthermore, indicator 1-13 showed significant difference between the means of T3 and T2, while the means of indicator 4-2 were significantly different between T2 and T1.

Table 65. Statistically significant differences in the means of the main indicators (Centre-Est, Centre-Nord , Nord, and Sud-Ouest)

Indicators	t-test ^a p-value	F-test ^b p-value	T2-T1 ^c	T3-T1 ^c	T3-T2 ^c
1.1: ANC coverage: at least 1 visit	0.21	0.72	1.00	1.00	1.00
1.2: ANC coverage: at least 4+ visits	0.00***	0.16	0.22	1.00	0.39
1.3: Timely ANC (within 4 months)	0.00***	0.98	1.00	1.00	1.00
1.5: Tetanus: at least 2 doses during pregnancy	0.00***	0.57	1.00	0.99	1.00
1.6: 90 days iron sup. in pregnancy	0.00***	0.00***	0.09*	0.00***	0.84
1.7: Facility-based deliveries	0.01**	0.86	1.00	1.00	1.00
1.11: Timely PNC for mothers within 48 hours	0.21	0.72	1.00	1.00	1.00
1.12: Contraceptive prevalence rate	0.00***	0.64	1.00	1.00	1.00
1.13: Unmet need for FP (pregnant women)	0.79	0.04**	0.49	0.82	0.04**
4.2 Timely initiation breastfeeding (within the first hour after delivery)	0.65	0.02**	0.02**	0.28	0.97
4.4 Exclusive breastfeeding(0-6months)	0.48	0.58	1.00	0.92	1.00

^a T-test: intervention (all arms combined) vs. control

^b F-Test of ANOVA model with all intervention arms

^c F-Test (Bonferroni adjusted); Intervention arms only (T1, T2, T3)

Significance level: p<0.1 *, p<0.05 **, p<0.01 ***

Although the intervention arms of the IEs were randomized, we observed some significant differences in the means of indicators at baseline. While differences between the intervention arms (combined) and the control were significant in the majority of the indicators (67.3% in Boucle du Mouhoun, 65.5% in the four other regions, and in 6 out of the 11 main indicators as shown in table 65) significant results of the F-Test of the ANOVA model on all intervention groups were substantially lower: 10.3% of indicators in Boucle du Mouhoun, 15.8% in the four other regions, and in 3 out of the 11 main indicators). These findings are in line with the

expectation that significant differences within districts and between intervention arms (due to the randomization of the interventions at the health facilities level) were lower than for the interregional comparison and between intervention arms and controls. Some systematic differences had to be expected due to the lack of randomization at district level. Additionally, differences between districts were expected, because health interventions in Burkina Faso are very often implemented at the district level.

The findings indicated that significant differences between the means of the pairwise comparisons were relatively equally distributed with 5.2% (T2-T1), 6.5% (T3-T1), 5.4% (T3-T2), except for T4-T1 in Boucle du Mouhoun which peaks at 10.6% of significant differences in all indicators. In the pairwise comparisons of the main indicators, only few significant differences could be registered: 1 out of 11 (T1-T4) in Boucle du Mouhoun as well as 1 out of 11 (T3-T2, T3-T1) and 2 out of 11 (T2-T1) in the four other regions. Furthermore, the variations in significant differences between single indicators (in all regions) were substantial and thus the likelihood of a systematic error seems to be relatively low.

In conclusion, although the regions themselves had not been randomized, the resulting significant differences between the means were relatively low and seemed to be unsystematically distributed, which gives positive indication for the internal validity of the IE. The application of a difference in differences analysis provides additional protection from threats of internal validity, as we can take the differences at baseline into account.

5.2. External validity

5.2.1. Definition and threats

External validity refers to the degree to which the results of an investigation can be generalized to and across individuals, settings, and times. Threats to external validity compromise the confidence in stating whether the study's results are applicable to other groups.

External validity can be divided into population and ecological validity.

- Population validity: i) is the sample representative of the population? The more representative, the more confident we can be in generalizing from the sample to the population; ii) how widely does the finding apply? Generalizing across populations occurs when a particular research finding works across different kinds of people, even those not represented in the sample.
- Ecological validity is present to the degree that a result generalizes across settings.

How can external validity be improved? One way, based on the sampling model, suggests external validity is improved by applying a methodologically sound sampling method and by accurately drawing the sample from a population, for instance, using random selection, if

possible, rather than a nonrandom procedure. And, once selected, trying to assure that the respondents participate in the study and that the dropout rates are kept low, i.e. to reduce unit and item missing. A second approach would be to use the theory of proximal similarity more effectively. This is done by providing detailed descriptions of the study contexts and how they differ from others contexts, by providing relevant data about the degree of similarity between various groups of people, places, and times. A response to criticisms of generalizations is –to provide evidence for the study by conducting it in a variety of places, with different samples and at different times. That is, the external validity (ability to generalize) will be stronger the more the study is replicated. The best way to assess the external validity of findings is to replicate the experiment in various settings and at different points of time.

To ensure external validity of the IE, the health facilities have been randomly selected at the district level for the additional component to PBF. Qualitative surveys, which will take place at the endline survey, will provide data about the study contexts in the different control and intervention districts.

5.2.2. Comparison between baseline study and existing national data

We compiled the findings from our investigation and reviewed them, indicator by indicator, with comparable findings (in both French and English) from the Demographic and Health Survey (2010), Rapport OMD (2010), Annuaire Statistique (AS) (2012), WHO Indicators Compendium (2012), Ministry of Health Burkina Faso Report, the Multiple Cluster Indicator Survey (MICS) (2012), WHO: Global Health Observatory Data Repository, the World Bank Health, Nutrition and Population Statistics (WBHNPS) (2010), and the Service Availability and Readiness Assessment (SARA) (2012). See Table 66 and Annex I for the detailed comparison table. The following section summarizes this information.

Table 66. Comparison of main maternal indicators with other data sources

Indicator	Description	Baseline value 2013-14	DHS 2010	MICS 2012	Annuaire statistique 2012
1-1	ANC coverage 1+ visit	99.98%	94.90%		
1-2	ANC coverage 4+ visits	45.35%	33.70%		31.20%
1-3	Timely ANC (<=4m)	66.97%	41.20%		28.30%
1-5	Tetanus Toxoid 2 coverage in pregnancy	61.02%	70.80%		92.70%
1-6	90 day iron supplementation in pregnancy	55.62%	92.60%		
1-7	Delivery in formal health facility	89.8%	66.30%		82.10%
1-12	Modern contraceptive prevalence	11.9%	15%		14.90%
1-13	Unmet need for FP (pregnant women)*	18.3%	23.80%		
4-2	Timely initiation of breast-feeding	36.1%	42.10%	42.10%	
4-4	Exclusive breast-feeding 0-6 months	56.0%	24.80%	38.20%	

In WP1, Maternal Health Indicators, it is interesting to note that for most of the main indicators, the results are higher in the baseline survey compared to the other sources. This can be explained by a continuous increase of these indicators over the last few years, after the implementation of the SONU policy (Soins Obstétricaux et Néonatal d'Urgence – Emergency and Neonatal Obstetrical Care). For one of our key indicators, “Timely ANC,” the baseline study results were 1.6 and 2.4 times higher than the DHS, 2010 and AS, 2012 results, respectively. For our indicator “90 day Iron supplementation during pregnancy,” our results found the opposite at 1.7 times lower than the findings of the DHS. For “Tetanus Toxoid 2 coverage in pregnancy”, the coverage varied as a function of the different sources of information. Modern contraceptive prevalence and unmet need for family planning indicators gave similar results to other surveys.

In WP2, Quality of Maternal and Child Health Services, there are a number of indicators that differ in comparison. In our baseline survey data regarding skilled birth attendants, “Proportion of SBA providing ANC” and “Proportion of SBA with sufficient knowledge about pre-eclampsia” were 2.3 and 4.2 times lower than the SARA results. In regards to availability of essential supplies, our indicators “availability of IV kits,” “availability of malaria test kits,” and “availability of syphilis test kits” were 2.7, 3.0 and 7.5 times lower than the SARA results, respectively. However, our indicators “light in birthroom,” “stock of injectable contraceptives,” and “availability of weighing scale” were 1.8, 1.6 and 1.4 times higher than the SARA results, respectively. For the indicator “U5YO provider knowledge of vaccination schedule,” our results were 1.3 times higher than the SARA results.

In WP3, Child Health, there were only a few indicators with comparably significant differences with our study data. Most of the vaccination coverage indicators were similar to other sources. For our indicator “children aged <5 years with diarrhea receiving oral rehydration therapy,” the baseline survey results were half the value of the MCIS survey and for our indicator “U5YO with fever treated with anti-malarial,” our results were 1.3 to 1.83 times higher than the data from the MICS, MOH, WHO and WBDHNPS. For our indicator “age appropriate immunization coverage” we gathered separate data for BCG, Penta 1, Penta 3 and Measles. While this data was not comparable to other studies, as their data were not reported in individual immunizations, it provides for future comparisons and to target improvement for specific coverage.

In WP4, Nutrition, there were a few important differences when comparing our baseline data. For both the baseline indicators on breastfeeding, “exclusive breastfeeding 0-6 months” and “breastfeeding – complementary feeding 6-9 months,” our data represented significantly higher values than previous studies. For “exclusive breastfeeding 0-6 months,” our results were 2.3, 1.5, 8.3 and 1.5 times higher than the DHS, ICS, WHO IC, and WBDHNPS data, respectively. For “breastfeeding – complementary feeding 6-9 months,” our results were 1.9, 1.7 and 2.0 times higher than the data from DHS, MICS and WHO IC, respectively. For the indicator “Severe underweight 0-59m (<-3SD),” our results were 2.4 and 2.5 times higher than the DHS and WHO IC results, respectively. For the same indicator, our results were 1.4 and 1.5 times lower than the

AS and the Rapport OMD, respectively; however, both the AS and Rapport OMD grouped their indicator together to include all under 5's, making this comparison less specific.

WP 5, 6 and 7 could not be compared as the indicators developed in these different WP are not standard in country reports.

In general the indicators presented in the baseline survey report are very much aligned with the other surveys. Nevertheless, the study took place in only five regions of Burkina Faso and the regional disparities can explain the variations in the results. Annex III "Indicators cross and balance tables" shows disaggregation of the results at the district levels and show the existing differences.

6. Recommendations

Based on the experience of this baseline survey, we would like to formulate recommendations for the endline survey, which could also be useful in other countries of the HRITF project. We divided the recommendations into two sections:

Survey management:

- The management procedures of the survey, supervision structure and tools for supervision should become part of the World Bank toolkit. The quality of data collected do not depend only on the tool, but also on the procedures in place to ensure data quality.
- Monitoring and supervision procedures should be more developed, with tools to supervise interviewers' progress in the field: rosters for households' members and staff as well as forms for daily monitoring of field activities.
- The interviewers training needs much more time, particularly in the field with trainers, and enough time to make changes to tools after the field test; a stronger focus is needed on:
 - o Staff rosters and the vital importance of the facility and staff coding as well as individual coding in the households,
 - o Confidentiality issues (interview location; explanations; etc) particularly for the providers' interviews which are taking place in the health facilities and the exit interviews of the patients,
 - o Sampling of households and health care staff.
- The rhythm planned for data collection: one day per facility is challenging in environments with low patient load; also susceptible to "events" such as market days, holidays, illness of key personnel, etc.; perhaps smaller teams with more days would be a better solution; it would also help with the issue of potential overburden of the providers, giving them more time to answer the different questionnaires. It would also help the interviewers for the interviews of community health workers, giving them more time to go to the different villages.
- About the interview teams, it would be better to recruit, if possible, all interviewers with clinical backgrounds, trained on all tools, so there can be task shifting without losing quality. If not, an intensive training of non-clinical staff is necessary, as there is not a single tool where no clinical understanding whatsoever is required.
- About the tools used for the data collection, electronic-based versus paper-based presents a lot of advantages: it reduces the material to be transported by the interviewers, improves quality of data collection, improves the supervision and provides for continuously checked data quality as data are collected in the field and questionnaires are sent every day via internet. Nevertheless, some of the tools cannot be easily implemented

using electronic tools, like structured assessments of health facilities and some questionnaire have to stay paper-based.

- The list of health facilities should be updated and validated by the Ministry of Health before the beginning of the survey. This would simplify the sampling procedures, field work planning and also interviewers' work on the field.
- About the survey period, it would be better, if possible, to avoid the Christmas and New Year period.

Questionnaire structure:

- Questionnaires are rather “clinical” in their structure, there are no standard introductory explanations, and no transitions between sections; in psychological research, this kind of framing is assumed vital in making interview partners comfortable with the questionnaire and in getting them to give honest answers; most interviewers do this ad hoc, but we don't know if all of them do or of the quality; either make it explicit during training, or put standardized texts/instructions.
- If the demographic section is not necessary for some sort of filtering, it's better to start a questionnaire, at least to the providers and patients, with actual content rather than with a bunch of personal questions; demographic section should be at the end, rather.
- C1 & C2 – Household survey questionnaires
 - o Source of knowledge about contraceptives: question should be added
 - o Family planning section would need some changes to allow computing better indicators
 - o Vitamine A Supplementation indicator should be added in the delivery section
- F1 - Facility assessment questionnaire
 - o Hours section, working time: the assessment of time allocated to certain activities is very long and still yields highly unreliable information – we suggest to drop it; if task shifting is an issue of central interest, there are other ways to capture it (e.g. time-and-motion studies)
 - o Module is very long and this has consequences on the quality of data as providers do not have the time to follow the interviewer in the entire interview and assessment of the facility which leads to missing data. Some sections should be reduced or cut to improve the general quality.
- F2 – Health care providers questionnaire
 - o Hours section: same as for F1
 - o Salary: asking for salary level did not work well at first, only when interviewers started asking health workers to bring their salary slips to the interview; suggestion for endline: make this part of the interview protocol, i.e. in the call to

announce the visit, notify them to bring these slips; endline should also include questions for all the different indemnities.

- F3 to F7 – Observation and exit questionnaires
 - Link between observation and exit interviews both for ANC and Under-5 consultations should be better prepared to allow easier merging of information of the two questionnaires.
 - Variables for SES should be uniform between household questionnaire and exit interview, it is the case for most of the variables constituting the wealth index but a few of them were missing in the exit interviews.
- F8 – Community health workers
 - Frequency and amount of money received for financial motivation, questions should be phrased differently in order to better calculate the financial motivation, irregularly does not allow to calculate the amount of money received, same for incentives and in kind payments
 - Catchment area question: categories do not allow to compute an average, question should be phrased differently
 - Presence at work: same as for F1 hours section

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Annex I: Comparison of indicators with external data or reports

1- Household Indicators:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources	
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010	
			Indicator's definition	Value
0-21	Average Household size	5.3 (mean)	Taille Moyenne du ménage: C'est la moyenne des moyennes des # tailles de ménages observés	5.7 personnes
0-27	Marital status	Never married	Célibataire	26.31%
		Married or living together	Marié/vivant ensemble	70.91%
		Divorced/seperated/ widowed	Divorcé ou séparé	2.77%
0-29	Education level	No education	Aucune instruction	73.90%
		Primary school	Alphabétisation	22.50%
		Secondary school and more	Niveau secondaire et plus	3.60%
0-30	Religion	No religion	Sans religion	0.41%
		Catholic	Catholique	24.63%
		Protestant	Protestant	5.94%
		Muslim	Moslem	59.38%
		Traditional/Spiritual	Traditionnelle/Aministe	9.49%

2- Indicators for ANC (French sources):

IE PBF Baseline Survey Burkina Faso 2014			Other Sources			
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010		Annuaire Statistique 2012	
			Indicator's definition	Value	Indicator's definition	Value
1-1	ANC coverage: at least 1 visit	99.98%	% de femmes 15-49 ans qui ont eu une naissance vivante au cours des 5 années ayant précédé l'enquête et, qui ont consulté un prestataire forme durant la grossesse pr la naissance la plus récente	94.90%	N/G	
1-2	ANC coverage: at least 4 visits	45.35%	% de femmes ayant effectué au moins 4 visites prénatales	33.70%	CPN4	31.20%
1-3	Timely ANC: 1 st visit within 4 months	66.97%	% de femmes qui ont effectué leur 1ere visite prénatale strictement avant 4 mois	41.20%	% Femmes vues au 1er trimestre de grossesse	28.30%

1-4	HIV test after counseling during pregnancy	54.24%	% des femmes qui ont reçu des conseils sur le VIH avant le test au cours d'une visite prénatale durant la grossesse de la naissance la plus récente parmi celles ayant eu une naissance vivante au cours des deux années précédant l'enquête	42.80%	Taux de dépistage (%) des femmes enceintes ayant réalisé le test VIH dans l'année	71.10%
1-5	Tetanus coverage: at least 2 doses during pregnancy	61.02%	% des femmes qui ont reçu au moins 2 injections antitétaniques au cours de la grossesse pour la naissance vivante la plus récente parmi celles de 15-49 ans ayant une naissance vivante au cours des 5 années ayant précédé l'enquête	70.80%	Taux de couverture VAT2 chez les femmes enceintes (%)	92.70%
1-6	90 day Iron supplement during pregnancy	55.62%	% de femmes ayant reçu des suppléments de fer sous forme de sirops ou de comprimés parmi celles qui se sont présentées pour des visites prénatales	92.60%	N/G	

3- Indicators for ANC (English sources):

IE PBF Baseline Survey Burkina Faso 2014			Other Sources					
Indicator N.	Key Indicators PBF	Baseline Survey	Multiple Cluster Indicator Survey (MICS) 2012		WHO Indicators Compendium 2012		WHO: Global Health Observatory Data Repository	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value
1-1	ANC coverage: at least 1 visit	99.98%	ANC (%) 2008-2012*, At least one visit	94.30%	ANC coverage - at least one visit (%)	94.20%	ANC coverage - at least one visit (%)	94.9
1-2	ANC coverage: at least 4 visits	45.35%	ANC (%) 2008-2012*, At least four visit	33.70%	ANC coverage - at least four visits (%)	33.70%	ANC coverage - at least four visits (%)	33.7

4- Deliveries Indicators (French sources):

IE PBF Baseline Survey Burkina Faso 2014			Other Sources					
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010		Annuaire Statistique 2012		Rapport OMD 2010	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value
1-7	Facility-based deliveries	89.8%	% des naissances vivantes dont l'accouchement s'est déroulé dans un établissement de santé parmi les naissances vivantes survenues au cours des 5 années ayant précédé l'enquête	66.30%	Taux d'accouchements réalisés dans les formations sanitaires	82.10 %	Taux d'accouchement assisté	62.70 %
1-8	C-section rate (%)	0.9%	% des naissances vivantes dont l'accouchement a eu lieu par césarienne parmi les naissances vivantes survenues au cours des 5 années ayant précédé l'enquête	1.90%	Taux de césariennes réalisées dans les hôpitaux des districts et les Centres Hospitaliers	1.90%	N/G	

5- Deliveries Indicators (English sources):

IE PBF Baseline Survey Burkina Faso 2014			Other Sources					
Indicator N.	Key Indicators PBF	Baseline Survey	Multiple Cluster Indicator Survey (MICS) 2012		MoH Burkina Faso Report		WHO: Global Health Observatory Data Repository	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value
1-7	Facility-based deliveries	89.8%		66.30%	SBA coverage	54.00%	N/G	
1-8	C-section rate (%)	0.9%		1.90%	N/G		Births by C-section (%).	1.90%

6- PNC Indicators:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources					
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010		Annuaire Statistique 2012		World Bank Data Health, Nutrition and Population Statistics 2010	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value
1-9	PNC Coverage at least 1 visit	56.46%	% femmes ayant reçu des soins postnataux au moins à j41 après l'accouchement parmi celles de 15-49 ans qui ont eu une naissance vivante au cours des 2 années ayant précédé l'enquête	82.60%	Couverture en consultation postnatale (%)	55.00%	PNC coverage (% mothers)	71.9%
1-10	PNC Coverage: at least 3 visits	5.86%	N/G		N/G		Pregnant women receiving prenatal care of at least 4 visits (%)	33.7%

7- Family Planning Indicators (French Sources):

IE PBF Baseline Survey Burkina Faso 2014			Other Sources						
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010		Annuaire Statistique 2012		Rapport OMD 2010		
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value	
1-12	Contraceptive prevalence rate	11.9%	% femmes utilisant actuellement une méthode contraceptive quelconque	15%	% couples années de protection en 2012	14.9%	Taux de prévalence de contraceptifs	27.9%	
1-13	Unmet need for FP (pregnant women only)	18.3%	% femmes actuellement en union dont les besoins d'espacer/limiter les grossesses ne sont pas satisfaits	23.8%	N/G		N/G		
1-14	Use of modern FP methods	10.9%	N/G		% d'utilisation des méthodes contraceptives	32.7%	N/G		
1-16	IPT malaria	54.03%	% femmes qui ont pris 2 doses ou plus de SP/Fansidar durant la grossesse de la naissance la plus récente parmi les femmes de 15-49 ans ayant eu une naissance vivante au cours des 2 années précédant l'enquête	38.5%	% femmes ayant bénéficié d'un TPI2	52.6%	N/G		

8- Family Planning Indicators (English Sources)

IE PBF Baseline Survey Burkina Faso 2014			Other Sources							
Indicator N.	Key Indicators PBF	Baseline Survey	MICS 2012	WHO Indicators Compendium 2012		WHO: Global Health Observatory Data Repository		World Bank Data Health, Nutrition and Population Statistics 2010		
			Value	Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value	
1-12	Contraceptive prevalence rate	11.9%	16.20%	Current contraceptive use among married women 15-49 years old, any method	16.20%	Contraceptive prevalence (%)	16.2	Contraceptive prevalence (% of women ages 15-49)	16.2%	
1-13	Unmet need for family planning (pregnant women only)	18.3%		Unmet need for family planning, total (%)	24.50%	Unmet need for family planning, among girls aged 15-19 (%)	21.7	Unmet need for contraception (% of married women ages 15-49)	24.5%	

9- Basic Amenities & General equipment Indicators:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources		
Indicator N.	Key Indicators PBF	Baseline Survey	SARA 2012		MICS 2012
			Indicator's definition	Value	Value
2-1	Proportion of facilities with availability of any source of electricity	85.5%	Disponibilité d'une source d'énergie	53%	
2-2	Proportion of facilities with availability of any source of water supply	90.3%	Disponibilité de source d'eau améliorée	87%	80%
2-3	Proportion of facilities with availability of functioning toilets/ washrooms	97.0%	Disponibilité des installations sanitaires améliorées	95%	
2-8	Proportion of facilities with a telephone available for	98.0%	Disponibilité d'équipement de communication	95%	N/G
2-10	Proportion of facilities with availability of non-sterile gloves in consultation room	84.5%	Disponibilité de gants en latex	83%	N/G
2-11	Proportion of facilities with availability of hand soap or sanitizer in consultation room	82.4%	Disponibilité de savon et eau courante ou agent nettoyant à base d'alcool	89%	N/G
2-12A	Proportion of facilities with availability of Paracetamol (tablet)	99.5%	Disponibilité de paracétamol (en suspension)	82.6%	N/G
2-13B	Proportion of facilities with availability of amoxicillin (tablet, capsule)	3.8%	Disponibilité d'amoxicilline	90%	N/G
2-14B	Proportion of facilities with at least 1 unit of cotrimoxazole (tablet)	3.8%	Disponibilité de cotrimoxazole (en suspension)	86.50%	N/G
2-19A	Proportion of facilities with at least 1 unit of sulfadoxin pyrimethamine	45.5%	% d'établissement offrant le Traitement Préventif Intermittent (TPI) à la Sulfadoxine-Pyrimethamine	89%	N/G

10- Correct Management of Patients – Maternal Health:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources			
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010		Annuaire Statistique 2012	
			Indicator's definition	Value	Indicator's definition	Value
2-28	Proportion of all ANC cases receiving iron and folate supplementation	90.7%	% de femmes qui ont pris du Fer sous forme de comprimés ou de sirop parmi celles ayant reçu des soins prénataux pour la naissance la plus récente des 5 dernières années	92.60%	N/G	
2-32	Proportion of all ANC cases receiving counseling on pregnancy danger signs	46.5%	% de femmes qui ont été informées des signes de complication de la grossesse parmi celles ayant reçu des soins prénataux pour la naissance la plus récente des 5 dernières années	52.60%	Nombre de séances d'IEC réalisées au niveau du BF sur les consultations prénatales	Dans les formations sanitaires =48,19% Hors formations sanitaires = 9,22%
2-40	Proportion of all ANC cases undergoing BP screening	89.9%	% de femmes qui ont eu leur tension artérielle vérifiée parmi celles ayant reçu des soins prénataux pour la naissance la plus récente des 5 dernières années	97.20%	N/G	
2-43	Proportion of first visit ANC cases undergoing urine protein screening	53.5%	% de femmes qui ont eu un prélèvement d'urine parmi celles ayant reçu des soins prénataux pour la naissance la plus récente des 5 dernières années	85.10%	N/G	

11- Availability of Services – Maternal Health:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources	
Indicator N.	Key Indicators PBF	Baseline Survey	SARA 2012	
			Indicator's definition	Value
2-49	Proportion of health facilities offering ANC services at least once per week	100.0%	% établissements offrant des services prénataux parmi tous les établissements de santé considérés	90%
2-51	Proportion of health facilities having vehicle available for emergency patient transports	23.9%	Disponibilité de Transports d'urgence dans les établissements de santé offrant des soins obstétricaux d'urgence de base	84% (CMA)

12- Number of Trainings & Staff members – Maternal Health:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources							
Indicator N.	Key Indicators PBF	Baseline Survey	SARA 2012		Annuaire Statistique 2012		WHO: Global Health Observatory Data Repository		World Bank Data Health, Nutrition and Population Statistics 2010	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value
2-56	Proportion of SBAs	60.1%	Disponibilité de personnel et de directives parmi les établissements offrant des services obstétricaux et néonataux d'urgence complets (Services Obstétricaux de base + Services prénataux: non inclus)	Hôpitaux /Polycliniques =95% CMA/Cliniques = 79%	Ratio habitants (population = 16,779,207) / accoucheurs (sage-femmes + maieuticiens + accoucheuses brevetées + accoucheuses auxiliaires)	3770	Births attended by skilled health personnel	67.1%	Births attended by skilled health staff (% of total)	65.9%
2-57	Proportion of SBAs providing ANC	100%	Disponibilité d'agents formés aux soins prénataux" parmi les établissements offrant le service prénatal	90%	N/G		N/G		N/G	
2-58	Proportion of SBAs with sufficient knowledge on pre-eclampsia	12.6%	Disponibilité d'agents formés à la Prise en Charge Intégrée de la Grossesse et de l'Accouchement parmi les établissements offrant des services obstétricaux (en générale)	53%	N/G		N/G		N/G	

13- Availability of Materials – Maternal Health:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources			
Indicator N.	Key Indicators PBF	Baseline Survey	SARA 2012		MICS 2012	
			Indicator's definition	Value	Indicator's definition	Value
2-59	Proportion of facilities with availability of disposable syringes	70.8%	Disponibilité de Seringues à usage unique dans les établissements de santé considérés	99%	N/G	
2-60	Proportion of facilities with availability of IV kits	29.3%	Disponibilité de solution intraveineuse et perfusion nécessaire parmi les établissements de santé offrant les services obstétricaux (en général)	78%	N/G	
2-62	Proportion of facilities with at least 1 unit of diazepam (injectable)	84.0%	Disponibilité du Diazépam parmi tous les établissements de santé considérés	81.50%	N/G	
2-63	Proportion of facilities with at least 1 unit of oxytocin	81.4%	% d'établissements disposant de l'ocytocine en injection parmi tous les établissements considérés	81%	N/G	

2-64	Proportion of facilities with availability of balloon-mask for newborn	26.8%	Disponibilité de ballon et masque faciale (nouveau-né) parmi les établissements qui offrent des soins obstétricaux (en général)	21%	N/G	
2-65	Proportion of facilities with availability of blood bank fridge	0.7%	Disponibilité de réfrigérateur pour stockage de sang <u>parmi les établissements de santé offrant des transfusions sanguine</u>	77%	N/G	
2-66	Proportion of facilities with availability of functional adult scale	95.7%	Disponibilité de balance Adulte parmi tous les établissements de santé considérés (Non spécifique de la santé maternelle)	94%	N/G	
2-67	Proportion of facilities with availability of light in birth room	83.7%	Disponibilité de lampe d'examen parmi les établissements de santé offrant des services obstétricaux (en général)	45%	N/G	
2-68	Proportion of facilities with availability of functional BP machine	97.8%	Disponibilité de tensiomètre parmi les établissements offrant des services prénataux	96%	N/G	
2-70 1A	Proportion of facilities with at least 1 unit of condoms (male)	92.4%	% d'établissements offrant des préservatifs masculins parmi les établissements de santé offrant des services de planification familiale	79%	Prevention among young people (aged 15-24), condom use among young people with multiple partners (%) 2008-2012*, female	74.70%
2-71A	Proportion of facilities with at least 1 unit of oral contraceptives	88.8%	% d'établissements offrant des pilules contraceptives orales combinées parmi les établissements de santé offrant des services de planification familiale	86%	N/G	
2-72A	Proportion of facilities with at least 1 unit of injectable contraceptives	95.9%	% d'établissements offrant des contraceptifs injectables progestatifs parmi les établissements de santé offrant des services de planification familiale	61%	N/G	
			% d'établissements offrant des contraceptifs injectables combinés parmi les établissements de santé offrant des services de planification familiale	56%	N/G	
2-73A	Proportion of facilities with at least 1 unit of contraceptive implants	79.0%	% d'établissements offrant des implants parmi les établissements de santé offrant des services de planification familiale	62%	N/G	
2-74A	Proportion of facilities with at least 1 unit of IUD	40.7%	% d'établissements offrant des dispositifs contraceptifs intra-utérins parmi les établissements de santé offrant des services de planification familiale	35%	N/G	
2-75A	Proportion of facilities with at least 1 unit of malaria test kit	33.1%	% des établissements offrant le service de diagnostic du paludisme parmi tous les établissements de santé considérés	100%	N/G	
			Disponibilité de diagnostic. du paludisme parmi les établissements de santé offrant un service de traitement du paludisme (non spécifique de la santé maternelle)	72%	N/G	
2-76A	Proportion of facilities with at least 1 unit of HIV test kit	69.1%	Disponibilité de diagnostic VIH parmi tous les établissements de santé considérés (non- spécifique de la santé maternelle)	83%	N/G	

2-78	Proportion of facilities with at least 1 unit of syphilis test kit	27.7%	Disponibilité de diagnostic rapide de la syphilis <u>parmi les établissements offrant les services des IST</u> (Non spécifique de la santé maternelle)	9%	N/G
2-79	Proportion of facilities with at least 1 unit of urine test kit	58.8%	Disponibilité de diagnostic de protéinurie avec bandelettes urinaires parmi les établissements de santé considérés (Non spécifique de la santé maternelle)	61%	N/G

14- Number of Trainings & Staff Members – Child Health:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources			
Indicator N.	Key Indicators PBF	Baseline Survey	SARA 2012		MICS 2012	
			Indicator's definition	Value	Indicator's definition	Value
2-99	Proportion of U5YO providers	98.9%	% établissements offrant des soins préventifs et curatifs pour les moins de 5 ans parmi les établissements de santé considérés	95%		
2-100	Proportion of U5YO providers with knowledge in vaccination schedule	1.8 (mean)	Disponibilité d'agents formes en PEV (programme élargi de vaccination) parmi les établissements offrant des services de vaccination pour enfant.	61%		
2-101A	Proportion of U5YO providers with knowledge in management of severe dehydration (each score scale is between 1-10)	1.8 (mean)	N/G		Diarrhea (%) 2008-2012*, Treatment with oral rehydration salts (ORS)	21.20%

15- Availability of Materials – Child Health:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources	
Indicator N.	Key Indicators PBF	Baseline Survey	SARA 2012	
			Indicator's definition as in SARA	Value
2-106A	Proportion of health facilities with sufficient stock recommended antibiotic for outpatient treatment of ear/respiratory infection (oral amoxicillin)	93.1%	Disponibilité d'Amoxicilline sirop/en suspension parmi les établissements de santé offrant des services préventifs et curatifs pour <5ans	91%
2-107A	Proportion of health facilities with at least 1 unit of recommended 2nd line antibiotic for outpatient treatment of ear/respiratory infection (oral cotrimoxazole)	87.7%	Disponibilité de Cotrimoxazole sirop/en suspension parmi les établissements de santé offrant des services préventifs et curatifs pour <5ans	89%
2-108A	Proportion of health facilities with at least 1 unit of ORS sachet	85.1%	% établissements offrant des sachets SRO parmi les établissements de santé considérés	82%

2-109A	Proportion of health facilities with at least 1 unit of Vitamin A	28.0%	% établissements offrant des gélules vit A parmi les établissements de santé considérés	38%
2-110A	Proportion of health facilities with at least 1 unit of oral paracetamol syrup	90.1%	% établissements offrant du Paracetamol en suspension parmi les établissements de santé considérés	83%
2-111	Proportion of health facilities with availability of functional of infant/child weighing scale	98.1%	Disponibilité de Balance enfant parmi les établissements de santé offrant des services préventifs et curatifs pour <5ans	69%
2-112	Proportion of health facilities with availability of functional of thermometer	99.5%	Disponibilité de thermomètres parmi les établissements de santé offrant des services préventifs et curatifs pour <5ans	100%
2-113	Proportion of health facilities with availability of functional fridge	98.8%	Disponibilité de réfrigérateurs parmi les établissements de santé offrant des services de vaccination pour enfants	98%
2-115A	Proportion of health facilities with availability of vaccination syringes for immunization	79.7%	Disponibilité de seringues à usage unique parmi les établissements de santé offrant des services de vaccination pour enfants	99%
2-116A	Proportion of health facilities with at least 1 unit of BCG vaccine	76.0%	Disponibilité du vaccin BCG parmi les établissements de santé offrant le service de vaccination de l'enfant	95% | Rupture de stock à 8%
2-118A	Proportion of health facilities with at least 1 unit of Pentavalent vaccine	78.8%	Disponibilité du vaccin DPT+HiB+HepB parmi les établissements de santé offrant le service de vaccination de l'enfant	97% | Rupture de stock à 6%
2-119A	Proportion of health facilities with at least 1 unit of measles vaccines	78.9%	Disponibilité du vaccin contre la rougeole parmi les établissements de santé offrant le service de vaccination de l'enfant	97% | Rupture de stock à 7%

16- Patient's Satisfaction Indicators:

Indicator N.	IE PBF Baseline Survey Burkina Faso 2014		Other Sources SARA 2012	
	Key Indicators PBF	Baseline Survey	Indicator's definition as in SARA	Value
2-123	Proportion of patients satisfied with ANC service	82.1%	Taux de patients très satisfait après consultation (en général, consultation non spécifique)	77.90%
2-124	Proportion of patients satisfied with U5YO service	86.0%		

17- Vaccination Indicators (French sources):

IE PBF Baseline Survey Burkina Faso 2014			Other Sources					
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010		Annuaire Statistique 2012		Rapport OMD 2010	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value
3-1	BCG coverage (%); OPV0 coverage (%)	BCG=92.5% OPV0=74.8%	% d'enfants 12-23 mois ayant reçu BCG et Polio 0, à n'importe quel moment avant l'enquête, selon l'information provenant du carnet de vaccination ou des déclarations de la mère.	BCG= 96.5% Polio0= 92.1%		BCG=109.4% VPO0=112.4%		
3-2	Penta1 coverage (%); OPV1 coverage (%)	Penta1=90.5% OPV1=93.4%	% d'enfants 12-23 mois ayant reçu DTCoq1 et Polio1, à n'importe quel moment avant l'enquête, selon l'information provenant du carnet de vaccination ou des déclarations de la mère.	DTCoq1= 94.4% Polio1= 97.4%		Penta1=106.8% VPO1=107.3%		
3-3	Penta2 coverage (%); OPV2 coverage (%)	Penta2=91.5% OPV2=93.3%	% d'enfants 12-23 mois ayant reçu DTCoq2 et Polio2, à n'importe quel moment avant l'enquête, selon l'information provenant du carnet de vaccination ou des déclarations de la mère.	DTCoq2= 92.7% Polio2= 95.5%		Penta2=102.3% VPO2=102.2%		
3-4	Penta3 coverage (%); OPV3 coverage (%)	Penta3=91.4% OPV3= 92.9%	% d'enfants 12-23 mois ayant reçu DTCoq3 et Polio3, à n'importe quel moment avant l'enquête, selon l'information provenant du carnet de vaccination ou des déclarations de la mère.	DTCoq3= 89.5% Polio3= 90.2%		Penta3=102.9% VPO3=102.8%		
3-5	Measles coverage (%)	89.5%	% d'enfants ayant reçu vaccin contre la rougeole avant 12 mois d'âge, à n'importe quel moment avant l'enquête.	81.80%	Couverture vaccinale par antigène rougeoleux	100.2%		97.6%
3-6	Yellow fever coverage (%)	88.4%	N/G		Vaccin antiamaril	100.1%		
3-7	Full vaccination coverage	85.0%	% d'enfants complètement vaccinés contre les maladies cibles du PEV	81%	N/G		Couverture vaccinale pour l'ensemble des antigènes	91.3%
3-8	BCG timely coverage (%); Penta1 timely coverage (%); Penta3 timely coverage (%); Measles timely coverage (%)	BCG timely =62.5% Penta1 timely =62.6% Penta3 timely =45.8% Measles timely=30.2%	% enfants vaccinés selon le calendrier recommandé parmi les enfants qui ont reçu tous les vaccins	76%	N/G			
3-9	Neonates protected at birth against neonatal tetanus (%)	66.2%	% des femmes dont la dernière naissance a été protégée contre le tétanos néonatal	85.50%	N/G			

18- Vaccination Indicators (English sources):

IE PBF Baseline Survey Burkina Faso 2014			Other Sources								
Indicat or N.	Key Indicators PBF	Baseline Survey	MICS 2012		WHO Indicators Compendium 2012 Value	MoH Burkina Faso Report		WHO: Global Health Observatory Data Repository		World Bank Data Health, Nutrition and Population Statistics	
			Indicator's definition	Value		Indicator's definition	Valu e	Indicator's definition	Value	Indicator's definition	Value
3-1	BCG coverage (%); OPV0 coverage (%)	BCG=92.5% OPV0=74.8%	BCG	96%	BCG=96%					BCG (% of 1 y.o. children)	99 (2008) 99 (2009) 99 (2010) 99 (2011) 96 (2012)
3-2	Penta1 coverage (%); OPV1 coverage (%)	Penta1=90.5% OPV1=93.4%	DPT1	94%	DPT1=94%						
3-3	Penta2 coverage (%); OPV2 coverage (%)	Penta2=91.5% OPV2=93.3%	DPT3	90%							
3-4	Penta3 coverage (%); OPV3 coverage (%)	Penta3=91.4% OPV3=92.9%	DPT3	90%	HiB3=88% HepB3=88 Pol3=89%	DPT (3 doses)	82%				
3-5	Measles coverage (%)	89.5%			MCV=82%						
3-6	Yellow fever coverage (%)	88.4%			YCV=100%						
3-9	Neonates protected at birth against neonatal tetanus (%)	66.2%	newborns protected against Tetanus	88%				Neonates protected at birth against neonatal tetanus (PAB) (%)	63 (2002) 67 (2003) 69 (2004) 72 (2005) 76 (2006) 80 (2007) 79 (2008) 05 (2009) 85 (2010) 88 (2011) 88 (2012)		

3-11	Vitamin A coverage among children aged 6-59 months	79.7%				Children aged 6-59 months who received vitamin A	63 (2010) 63 (2011)	Vitamin A coverage rate (% of children ages 6-59 months)	100 (2008) 100 (2009) 100 (2010) 87 (2011) 99 (2012)
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19- Case Management Indicators:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources									
Indicator N.	Key Indicators PBF	Baseline Survey	MICS 2012		WHO Indicators Compendium 2012 Value	MoH Burkina Faso Report		WHO: Global Health Observatory Data Repository		World Bank Data Health, Nutrition and Population Statistics		
			Indicator's definition	Value		Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value	
3-14	Case management acute respiratory infection (effective)	43.1%	Pneumonia (%) 2008-2012*, antibiotic treatment for suspected pneumonia	46.8%								
3-16	Children aged <5 years with diarrhea receiving oral rehydration therapy	11.9%	Diarrhea (%) 2008-2012*, Treatment with oral rehydration salts (ORS)	21.2%		Oral rehydration therapy for treatment of diarrhea	23.3%	Children aged <5 years with diarrhea receiving ORT (%)	24.0 (2010) 24.0 (2011)	Diarrhea treatment (% of children under 5 who received ORS packet)	21.2%	
3-17	Children aged <5 years with fever who received treatment with any antimalarial (%)	64.4%	Malaria (%) 2008-2012*, Antimalarial treatment among febrile children	35.1%	35.10%	Children with fever treated with antimalarial <u>within 24 hours</u>	48%	Children aged <5 years with fever who received treatment with any antimalarial (%)	49.6% (2003) 48.0% (2006) 35.1% (2010)	Children with fever receiving antimalarial drugs (% of children under age 5 with fever)	35.1% (2010)	

20- Breastfeeding Indicators:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources							
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010		MICS 2012		WHO Indicators Compendium 2012		World Bank Data Health, Nutrition and Population Statistics	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value
4-2	Timely initiation breastfeeding (within the 1 st hour of delivery)	36.1%	% des enfants derniers nés de moins de 2 ans ayant commencé à être allaité dans l'heure qui a suivi la naissance	42.10%	Early initiation of breastfeeding (%) 2008-2012*	42.10%				
4-4	Exclusive breastfeeding 0-6m	56.0%	% des enfants derniers nés de moins de 2 ans ayant reçu exclusivement du lait maternel jusqu'à la fin du 5eme mois de naissance	24.80%	Exclusive breastfeeding <6 months (%) 2008-2012*	38.20%	Exclusive breastfeeding rate <6 months	6.8%	Exclusive breastfeeding (%) of children under 6 months)	16% (2009) 24.8% (2010) 38.2% (2011)
4-5	Breastfeeding & complementary feeding 6-9m	53%	% des enfants derniers nés de moins de 2 ans ayant reçu de lait maternel avec aliments de complément entre 6 et 9 mois de naissance	51.50%	Introduction of solid, semi-solid or soft foods 6-8 months (%) 2008-2012*	57.40%	Introduction of solid and semi-solid foods 6-9 months	49.6%		

21- Malnutrition, Stunting, & Wasting Indicators:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources										
Ind N.	Key Indicators PBF	Baseline Survey	DHS 2010		Annuaire Statistique 2012		Rapport OMD 2010		MICS 2012	WHO Indicators Compendium 2012		World Bank Data Health, Nutrition and Population Statistics	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value	Value	Indicator's definition	Value	Indicator's definition	Value
4-7	Severe stunting 0-59m	24.0%	enfants <5ans ayant un rapport taille-pour âge <-3ET	14.5%	N/G						below median height/age	15.5% (-3SD)	
4-8	Moderate Severe stunting 0-59m	21.6%	enfants <5ans ayant un taille-pour-âge en dessous de -2ET	34.6%					32.9%		below median height/age	39.7% (-2SD)	
4-9	Severe underweight 0-59m	18.0%	enfants <5ans ayant un poids-pour-âge en dessous de -3ET	7.6%	Prévalence de l'insuffisance pondérale chez les <5ans	24.4%	Prévalence de l'insuffisance pondérale chez <5ans	26.5%			below median weight/age	7.3% (-3SD)	
4-10	Moderate underweight 0-59m	17.6%	enfants <5ans ayant un poids-pour-âge en dessous de -2ET	25.7%							below median weight/age	22.1% (-2SD)	

4-11	Severe wasting 0-59m	11.1%	enfants <5ans ayant un poids-pour-taille en dessous de -3ET	5.7%					severe wasting, WHZ (U5YO)	2.7% 2009 5.9% 2010
4-12	Moderate wasting 0-59m	10.5%	enfants <5ans ayant un poids-pour-taille en dessous de -2ET	15.5%					wasting (U5YO)	11.3% 2009 15.4% 2010
4-13	Severe acute malnutrition 0-59m	11.1%	N/G		1.5%	Malnutrition aigue	11.3%			

22- Anemia Indicators:

IE PBF Baseline Survey Burkina Faso 2014			Other Sources					
Indicator N.	Key Indicators PBF	Baseline Survey	DHS 2010		Annuaire Statistique 2012		World Bank Data Health, Nutrition and Population Statistics	
			Indicator's definition	Value	Indicator's definition	Value	Indicator's definition	Value
4-14	Children anemia	88.3%	enfants de 6-59 mois ayant Hb<11.0 parmi les enfants ayant eu un prélèvement sanguin dans les ménages considérés	87.8%	enfants présentant une anémie parmi ceux qui sont malnutris	2.4%	Prevalence of anemia among children (U5YO)	87.2 (2008) 86.9 (2009) 86.5 (2010) 86.1 (2011)
4-18	Women anemia	66.3%	femmes de 15-49ans ayant Hb<11.0 parmi les femmes ayant eu un prélèvement sanguin dans les ménages considérés	48.8%				

Annex II: List of indicators in baseline study

Indicators list of the baseline report (all work packages)

Work packages:

WP 0: General characteristics of the survey

WP 1: Maternal health indicators

WP 2: Quality of Maternal and child health services

WP 3: Child health

WP 4: Nutrition

WP 5: Management of health care facility and human resources

WP 6: Targeting and health insurance

WP 7: Community health workers

Note: Green shaded areas represent key indicators.

Indicator N.	Definition	Indicator variable	Question(s)/variable(s) in survey
Health facility indicators			
0-1	Number of health facilities included in the survey	SE	F1_ID (questionnaire)
0-2	Number of health facilities per localization of health	F1_empl	F1_empl
0-3	Number of health facilities per type: private/public	F1_public	F1_public
0-4	Number of health facilities per level: 1st/2nd/3rd	HF_level	NIVEAU_FS
0-5	Number of health facilities per region	REGION	REGION
0-6	Number of health facilities per district	DISTRICT	DISTRICT
0-7/0-8	Number of health facilities in each intervention arm	random	random
0-9	Average catchment population per health facility	f1_702_a	F1_702 a
0-10	Number of clinical staff included in the providers survey	staffcategorie	F2_ID (questionnaire)
0-11	Total number of children consultations (under 5 years)	F4_ID	F4_ID (questionnaire)
0-12	Total number of exit interviews (under 5 years)	F6_ID	F6_ID (questionnaire)
0-13	Total number of antenatal consultations	F3_ID	F3_ID questionnaire
0-14	Total number of exit interviews antenatal consultations	F5_ID	F5_ID (questionnaire)
0-15	Total number of exit interviews (5 years and above)	F7_ID	F7_ID (questionnaire)
0-16	Total number of community health workers included in the survey	F8_ID	F8_ID (questionnaire)
Household indicators			
0-17	Number of villages included in the survey	C1_CODVIL	C1_CODVIL
0-18	Number of household included in the survey	Id_men	Id_men
0-19	Number of household per Region	C1_REGION	C1_REGION
0-20	Number of household per quintile	Wealth_quintile (C1_HH)	Wealth_quintile (C1_HHSES)
0-21	Average Household size	HH_size	C1_HHSIZE
Individuals			
0-22	Number of individuals included in the survey	Id_ind /C1_101	Id_ind /C1_101
0-23	Gender	C1_103	C1_103
0-24	Number of women in reproductive age (15-49) included in the survey	C1_106	C1_106
0-25	Number of under 5 years children included in the survey	C1_109	C1_109
0-26	Number of pregnant women or women with an history of pregnancy in the last 24 months included in the survey	C1_NBW2ANS	C1_NBW2ANS
0-27	Marital status	maritalstatus	C1_112
0-28	Zone of residence	milieu	milieu
0-29	Education level	edulevel_ind	C1_116 C1_118
0-30	Religion	C1_120	C1_120

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s) /variable(s) in survey
Antenatal care							
1-1	ANC coverage: at least 1 visit	Proportion of women with at least one ANC visit	Number of women with at least one ANC visit	Total number of pregnancies reported in the last 24 months	WHO 2010 Indicators Compendium - without live birth restriction	anc_1visit	C2_1211
1-2	ANC coverage: at least 4 visits	Proportion of women with at least four ANC visits	Number of women with at least four ANC visits	Total number of pregnancies reported in the last 24 months	WHO 2010 Indicators Compendium - without live birth restriction	ACN_4visit	C2_1211
1-3	Timely ANC visit (first visit within 4th month)	Proportion of women with first ANC visit within fourth month of pregnancy	Number of women with first ANC within fourth month of pregnancy	Total number of pregnancies reported in the last 24 months	DHS	anc_timely	C2_1209
1-4	HIV test after counseling during pregnancy	Proportion of women with completed pregnancy in previous 24 months who were offered HIV test after counseling during pregnancy	Number of women with completed pregnancy in previous 24 months who were offered HIV test after counseling during pregnancy	Total number of pregnancies in previous 24 months	DHS	Test_HIV	C2_1215
1-5	TT2 coverage: 2 doses of anti-tetanus vaccines during pregnancy	Percentage of women with completed pregnancy in previous 24 months who received at least 2 doses of anti-tetanus immunizations	Number of women with completed pregnancy in previous 24 months who received at least 2 doses of anti-tetanus immunizations	Total number of pregnancies in previous 24 months	JHU Indicators Report - without live birth restriction, DHS	TT2	C2_1218
1-6	90 day Iron supplementation during pregnancy	Proportion of women with completed pregnancy in previous 24 months who received iron supplementation daily for at least 90 days	Number of women with completed pregnancy in previous 24 months who received iron supplementation daily for at least 90 days	Total number of pregnancies in previous 24 months	JHU Indicators Report - without live birth restriction, DHS	iron_sup	C2_1220
Deliveries							
1-7	Facility-based deliveries	Proportion of deliveries taking place in Health Facilities	Number of deliveries taking place in a Health Facility/	Total number of deliveries reported in previous 24 month	Adapted from WHO indicator	Delivery_fac	C2_1226
1-8	C-section rate	Proportion of C-sections in previous 24 months	Number of C-sections in previous 24 months	Total number of deliveries reported in previous 24 months	WHO 2010 Indicators	c_section	C2_1229
Post-natal care							
1-9	PNC Coverage: at least 1 visit	Total number of PNC in a 2 months time period among women with a history of delivery in the previous 24 months	Total number of PNC among women with a delivery in the previous 24 months	Total number of deliveries reported in previous 24 months	Additional	PNC_coverage	C2_1240
1-10	PNC Coverage: at least 3 Visits	Proportion of women with at least 3 PNC visits	Number of women with at least 3 PNC visits	Total number of deliveries reported in previous 24 months	Additional	PNC_3visits2	C2_1240
1-11	Timely PNC: 1st visit within 48hours of birth	Proportion of women attending postnatal consultation within 48 hours from birth recorded	Number of women attending postnatal consultation within 48 hours from birth recorded	Total number of deliveries reported in previous 24 months	WHO 2010 Indicators	PNC_6days	C2_1241
Family planning							
1-12	Contraceptive prevalence rate	Proportion of women reporting use of modern and traditional contraceptive method	Number of women reporting use of modern and traditional contraceptive method	Total number of women 15-49	WHO 2010 Indicators Compendium	cpr	C2_1311

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s) /variable(s) in survey
1-13	Unmet need for family planning (pregnant women only)	Proportion of pregnant women 15-49 who wish to space/limit births (not using any method of contraception)	Number of pregnant women 15-49 who would like to space/limit births	Total number of pregnant women 15-49	proxy for WHO definition	unmet_prg	C2_1302
1-14	Use of modern family planning methods	Proportion of women of reproductive age (15-49 years) who use modern FP methods	Number of women of reproductive age (15-49 years) using one modern FP method	Total number of women of reproductive age (15-49 years)	Additional	modern_use	C2_1313
1-15	Health providers as source of information on family planning	Proportion of women of reproductive age (15-49 years) who indicate health worker/ facility as sources they heard of FP service.	Number of women of reproductive age (15-49 years) indicating health worker/facility as source they heard of FP service.	Total number of women of reproductive age (15-49 years)	Additional	FP_sourceinfo	C2_1310A C2_1310B
Antenatal care							
1-16	Intermittent preventive treatment malaria	Proportion of women with completed pregnancy in previous 24 months who received at least 1 dose of malaria IPT	Number of women with completed pregnancy in previous 24 months who received at least 1 dose of malaria IPT	Total number of pregnancies in previous 24 months	DHS	IPT_malaria	f3_208_g

For each maternal care indicator, we will also specifically explore coverage among women in the lowest quintile (equity) as well as differences between intervention and control districts (in main report) and provide a specific break-down by district in the appendix.

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
Basic amenities and general equipment							
2-1	Proportion of facilities with availability of any source of electricity	Proportion of health facilities with a given source of electricity	Number of health facility with a given source of electricity	All health facilities included in the survey	WHO	Electricity	F1_1.24
2-2	Proportion of facilities with availability of any source of water supply	Proportion of health facilities with a given source of water	Number of health facility with a given source of water	All health facilities included in the survey	WHO	Water	F1_1.27
2-3	Proportion of facilities with availability of functioning toilets/ washrooms	Proportion of health facilities with functioning sanitation item	Number of health facilities with functioning sanitation item	All health facilities included in the survey	WHO	Sanitation	F1_12.10
2-4	Proportion of facilities with availability of functioning hand washing unit (water and soap)	Proportion of health facilities with functioning sanitation item	Number of health facilities with functioning sanitation item	All health facilities included in the survey	WHO	Lavatory_ws	F1_1.49, F1_1.50
2-5	Proportion of facilities with availability of separate toilets/ washrooms for men/women	Proportion of health facilities with sanitation for men/women	Number of health facilities with sanitation for men/women	All health facilities included in the survey	WHO	Sanitation_mw	F1_12.11
2-6	Proportion of facilities with availability of patient waiting area	Proportion of health facilities with reception/waiting room	Number of health facilities with reception/waiting room	All health facilities included in the survey	WHO	Reception	F1_12.1
2-7	Proportion of facilities with a radio available for tele-communication	Proportion of health facilities having a radio	Number of health facilities having a radio	All health facilities included in the survey	WHO	Radio	F1_1.32
2-8	Proportion of facilities with a telephone available for	Proportion of health facilities having a telephone	Number of health facilities having a telephone	All health facilities included in the survey	WHO	Communication	F1_1.33
2-9	Proportion of facilities with availability of sterile examination gloves in consultation room	Proportion of health facilities with sterile examination gloves available	Number of health facilities with sterile examination gloves available	All health facilities included in the survey	WHO	Gloves_sterile	F1_13.1050
2-10	Proportion of facilities with availability of non-sterile gloves in consultation room	Proportion of health facilities with non-sterile gloves available	Number of health facilities with non-sterile gloves available	All health facilities included in the survey	WHO	Gloves_nonsterile	F1_13.1019
2-11	Proportion of facilities with availability of hand soap or sanitizer in consultation room	Proportion of health facilities with hand soap and detergent available	Number of health facilities with hand soap and detergent available	All health facilities included in the survey	WHO	Soap	F1_13.1021
2-12A	Proportion of facilities with at least one unit of oral paracetamol (tablet) available	Proportion of health facilities with paracetamol tablet available	Number of health facilities with paracetamol tablet available	All health facilities included in the survey	WHO	Paracetamol_tablet	F1_14.1402
2-12B	Proportion of facilities with paracetamol (tablet) stockout in past 30 days	Proportion of health facilities with paracetamol tablet stockout in past 30 days	Proportion of health facilities with paracetamol tablet stockout in past 30 days	All health facilities included in the survey	WHO	Paracetamol_tablet_B	F1_14.1502
2-13A	Proportion of facilities with at least one unit of oral amoxicillin (tablet, capsule) available	Proportion of health facilities with oral amoxicillin available	Number of health facilities with oral amoxicillin available	All health facilities included in the survey	WHO	Amoxicillin_tablet_capsule	F1_14.1404
2-13B	Proportion of facilities with availability of oral amoxicillin (tablet, capsule) stockout in past 30 days	Proportion of health facilities with oral amoxicillin stockout in past 30 days	Number of health facilities with oral amoxicillin stockout in past 30 days	All health facilities included in the survey	WHO	Amoxicillin_tablet_capsule_B	F1_14.1504
2-14A	Proportion of facilities with at least one unit of cotrimoxazole (tablet)	Proportion of health facilities with cotrimoxazole available	Number of health facilities with cotrimoxazole available	All health facilities included in the survey	WHO	Cotrimoxazole	F1_14.1409
2-14B	Proportion of facilities with oral cotrimoxazole (tablet) stockout in past 30 days	Proportion of health facilities with oral cotrimoxazole stockout in past 30 days	Number of health facilities with oral cotrimoxazole stockout in past 30 days	All health facilities included in the survey	WHO	Cotrimoxazole_B	F1_14.1509
2-15A	Proportion of facilities with at least one unit of quinine (tablet)	Proportion of health facilities with quinine tablet available	Number of health facilities with quinine tablet available	All health facilities included in the survey	WHO	Quinine_tablet	F1_14.1466
2-15B	Proportion of facilities with quinine (tablet) stockout in past 30 days	Proportion of health facilities with quinine tablets stockout in past 30 days	Number of health facilities with quinine tablets stockout in past 30 days	All health facilities included in the survey	WHO	Quinine_tablet_B	F1_14.1566
2-16A	Proportion of facilities with at least one unit of quinine (injectable)	Proportion of health facilities with quinine injectable available	Number of health facilities with quinine injectable available	All health facilities included in the survey	WHO	Quinine_injectable	F1_14.1467, F1_14.1468

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
2-16B	Proportion of facilities with quinine (injectable) stockout in past 30 days	Proportion of health facilities with quinin injectable stockout in past 30 days	Number of health facilities with quinin injectable stockout in past 30 days	All health facilities included in the survey	WHO	Quinineinj_B	F1_14.1567, F1_14.1568
2-17A	Proportion of facilities with at least one unit of artemisinin combination (tablet)	Proportion of health facilities with artemisin tablet available	Number of health facilities with artemisin tablet available	All health facilities included in the survey	WHO	Artemisincombi_tab	F1_14.1469 - F1_14.1472
2-17B	Proportion of facilities artemisinin combination (tablet) stockout in past 30 days	Proportion of health facilities with artemisin tablet stockout in past 30 days	Number of health facilities with artemisin tablet stockout in past 30 days	All health facilities included in the survey	WHO	Artemisinintab_B	F1_14.1569 - F1_14.1572
2-18A	Proportion of facilities with at least one unit of artemisinin combination (syrup)	Proportion of health facilities with artemisin syrup available	Number of health facilities with artemisin syrup available	All health facilities included in the survey	WHO	Artemisincombi_syr	F1_14.1473
2-18B	Proportion of facilities with artemisinin combination (syrup) stockout in past 30 days	Proportion of health facilities with artemisin syrup stockout in past 30 days	Number of health facilities with artemisin syrup stockout in past 30 days	All health facilities included in the survey	WHO	Artemisininsyr_B	F1_14.1573
2-19A	Proportion of facilities with at least one unit of sulfadoxin pyrimethamine	Proportion of health facilities with fansidar/sulfadoxin pyrimethanin available	Number of health facilities with fansidar/sulfadoxin pyrimethanin available	All health facilities included in the survey	WHO	Fansidar_sp	F1_14.1474
2-19B	Proportion of facilities with sulfadoxin pyrimethamine stockout in past 30 days	Proportion of health facilities with fansidar/sulfadoxin pyrimethanin stockout in past 30 days	Number of health facilities with fansidar/sulfadoxin pyrimethanin stockout in past 30 days	All health facilities included in the survey	WHO	Sulfapyri_B	F1_14.1574
2-20A	Proportion of facilities with at least one unit of rifampicin	Proportion of health facilities with rifampicin available	Number of health facilities with rifampicin available	All health facilities included in the survey	WHO	Refampicin	F1_14.1475
2-20B	Proportion of facilities with rifampicin stockout in past 30 days	Proportion of health facilities with rifampicin stockout in past 30 days	Number of health facilities with rifampicin stockout in past 30 days	All health facilities included in the survey	WHO	Rifampicin_B	F1_14.1575
2-21A	Proportion of facilities with at least one unit of streptomycin	Proportion of health facilities with stretptomycin available	Number of health facilities with stretptomycin available	All health facilities included in the survey	WHO	Streptomycin	F1_14.1476
2-21B	Proportion of facilities with streptomycin stockout in past 30 days	Proportion of health facilities with stretptomycin stockout in past 30 days	Number of health facilities with streptomycin stockout in past 30 days	All health facilities included in the survey	WHO	Streptomycin_B	F1_14.1576
2-22A	Proportion of facilities with at least one unit of isoniazid	Proportion of health facilities with isoniazid available	Number of health facilities with isoniazid available	All health facilities included in the survey	WHO	Isoniazid	F1_14.1477
2-22B	Proportion of facilities with isoniazid stockout in past 30 days	Proportion of health facilities with isoniazid stockout in past 30 days	Number of health facilities with isoniazid stockout in past 30 days	All health facilities included in the survey	WHO	Isoniazid_B	F1_14.1577
2-23A	Proportion of facilities with available electric autoclave	Proportion of health facilities with electric autoclave available	Number of health facilities with electric autoclave available	All health facilities included in the survey	WHO	Autoclave_e	F1_13.04.a
2-24	Proportion of facilities with available non-electric autoclave	Proportion of health facilities with non-electric autoclave available	Number of health facilities with non-electric autoclave available	All health facilities included in the survey	WHO	Autoclave_non_e	F1_13.04.b
2-25	Proportion of facilities with available sterilizer	Proportion of health facilities with electric sterilizer available	Number of health facilities with electric sterilizer available	All health facilities included in the survey	WHO	Sterilizer	F1_13.04.c
2-26	Proportion of facilities with available electric steamer (wet heat)	Proportion of health facilities with steamer available	Number of health facilities with steamer available	All health facilities included in the survey	WHO	Steamer_e	F1_13.04.d
2-27	Proportion of facilities with available non-electric steamer (wet heat)	Proportion of health facilities with non-electric steamer available	Number of health facilities with non-electric steamer available	All health facilities included in the survey	WHO	Steamer_non_e	F1_13.04.e
Correct management of the patient -							
2-28	Proportion of all ANC cases receiving iron and folate supplementation	Proportion of observed cases receiving preventive measure	Number of observed cases receiving preventive measure	all observed cases	MCHIP	f3_208_a	F3_2.08A
2-29	Proportion of primigravid women receiving tetanus prophylaxis first and second visit ANC cases	Proportion of primigravid women observed 1st and 2nd visit cases receiving preventive measure	Number of primigravid women observed 1 st and 2 nd visit cases receiving preventive measure	all primigravid women observed 1st and 2nd visit cases	MCHIP	tetanus	F3_2.08E, F3_102, F3_104

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
2-30	Proportion of third trimester ANC cases receiving malaria prophylaxis (IPTp)	Proportion of observed third trimester cases receiving preventive measure	Number of observed third trimester cases receiving preventive measure	all observed 2nd and 3rd visit cases	MCHIP	ipt	F3_2.08G, F3_103
2-31	Proportion of all ANC cases receiving counseling on nutrition/ diet during pregnancy	Proportion of observed cases receiving preventive measure	Number of observed cases receiving preventive measure	all observed cases	MCHIP	f3_210_a	F3_2.10A
2-32	Proportion of all ANC cases receiving counseling on pregnancy danger signs	Proportion of observed cases receiving preventive measure	Number of observed cases receiving preventive measure	all observed cases	MCHIP	dangsign	F3_2.11(A-E)
2-33	Proportion of all ANC cases receiving counseling on postpartum family planning	Proportion of observed cases receiving preventive measure	Number of observed cases receiving preventive measure	all observed cases	MCHIP	f3_214_a	F3_2.14A
2-34	Proportion of all ANC cases receiving counseling on place of delivery	Proportion of observed cases receiving preventive measure	Number of observed cases receiving preventive measure	all observed cases	MCHIP	f3_212_a	F3_2.12A
2-35	Proportion of all ANC cases receiving counseling on use of SBA during delivery	Proportion of observed cases receiving preventive measure	Number of observed cases receiving preventive measure	all observed cases	MCHIP	f3_212_c	F3_2.12C
2-36	Proportion of all ANC cases receiving counseling on birth preparedness plan	Proportion of observed cases receiving preventive measure	Number of observed cases receiving preventive measure	all observed cases	MCHIP	f3_212_d	F3_2.12D
2-37	Proportion of all ANC cases receiving counseling on emergency preparedness plan	Proportion of observed cases receiving preventive measure	Number of observed cases receiving preventive measure	all observed cases	MCHIP	f3_212_b	F3_2.12B
2-38	Proportion of first visit ANC cases having been offered HIV screening (VCT)	Proportion of observed 1st visit cases receiving screening measure	Number of observed 1 st visit cases receiving screening measure	all observed 1st visit cases	MCHIP	vct	F3_2.07S, F3_102
2-39	Proportion of first visit ANC cases having been offered syphilis screening	Proportion of observed 1st visit cases receiving screening measure	Number of observed 1 st visit cases receiving screening measure	all observed 1st visit cases	MCHIP	rpr	F3_2.07R, F3_102
2-40	Proportion of all ANC cases undergoing BP screening	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	Safe Motherhood	f3_207_g	F3_2.07G
2-41	Proportion of all ANC cases undergoing weight check	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	Safe Motherhood	f3_207_c	F3_2.07C
2-43	Proportion of first visit ANC cases undergoing urine protein screening	Proportion of observed 1st visit cases receiving screening measure	Number of observed 1 st visit cases receiving screening measure	all observed 1st visit cases	MCHIP	ua	F3_2.07Q, F3_102
2-44	Proportion of all ANC cases being asked about symptoms of headache or blurred vision	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	MCHIP	f3_206_m	F3_2.06M
2-45	Proportion of all ANC cases being asked about symptoms of edema on limbs or face	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	MCHIP	f3_206_n	F3_2.06N
2-46	Proportion of first visit ANC cases being asked about number of previous pregnancies	Proportion of observed 1st visit cases receiving screening measure	Number of observed 1 st visit cases receiving screening measure	all observed 1st visit cases	MCHIP	gravidity	F3_2.04G, F3_102
2-47	Proportion of first visit ANC cases being asked about date of last menstrual period	Proportion of observed 1st visit cases receiving screening measure	Number of observed 1 st visit cases receiving screening measure	all observed 1st visit cases	MCHIP	lmp	F3_2.04F, F3_102
2-48	Proportion of first visit ANC cases being asked about currently used medications	Proportion of observed 1st visit cases receiving screening measure	Number of observed 1 st visit cases receiving screening measure	all observed 1st visit cases	MCHIP	meds	F3_2.04D, F3_102
Availability of services - maternal health							
2-49	Proportion of health facilities offering ANC services at least once per week	Proportion of facilities with at least ANC offered once weekly	Number of facilities with at least ANC offered once weekly	all facilities	DHS	ANC_616	F1_6.15
2-50	Proportion of health facilities offering emergency obstetric care services	Proportion of facilities offering emergency obstetric procedures	Number of facilities offering emergency obstetric procedures	all facilities	DHS	EmOC_140	F1_1.40F
2-51	Proportion of health facilities having vehicle available for emergency patient transports	Proportion facilities with emergency transport	number facilities with emergency transport	all facilities	Safe Motherhood	f1_141	F1_1.41

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
2-52	Proportion of primigravid among all women observed to attend ANC clinics	Proportion of cases of primigravid women observed	Number of cases of primigravid women observed	all cases observed	MCHIP	f3_104	F3_1.04
2-53	Proportion of first ANC visits among all women observed to attend ANC services	Proportion of 1st visit cases observed	Number of 1 st visit cases observed	all cases observed	MCHIP	anc	F3_1.02
2-54	Mean duration in minutes of first visit ANC consultations	Duration of observed 1 st visit cases per each facility	Duration of observed 1 st visit cases per each facility	number of observed 1st visit cases per each facility	MCHIP	duration1	F3_2.02, F3_204E
2-55	Mean duration in minutes of follow-up visit ANC consultations	Duration of observed non-1 st visit cases per each facility	Duration of observed non-1 st visit cases per each facility	number of observed non-1st visit cases per each facility	MCHIP	duration2	F3_2.02, F3_204E
Number and training of staff member -							
2-56	Proportion of skilled birth attendants	Proportion of SBAs per each facility	Number of SBAs per each facility	entire facility team per each facility	MCHIP	sba	F1_405
2-57	Proportion of skilled birth attendants providing ANC	Proportion of observed cases consulted by SBA	number of observed cases consulted by SBA	all observed cases	Safe Motherhood	sba_anc	F1_405; F1_415_a, b, c
2-58	Proportion of skilled birth attendants with sufficient knowledge on pre-eclampsia	Proportion of SBAs with correct score (scenario 5)	Number of SBAs with correct score (scenario 5)	all SBAs interviewed	Safe Motherhood	pregdangsigns	Scenario 5
Availability of materials - maternal health							
2-59	Proportion of facilities with availability of disposable syringes	Proportion of health facilities with disposable syringes and needles available	Number of health facilities with disposable syringes and needles available	All health facilities included in the survey	WHO	Syringe	F1_13.1073
2-60	Proportion of facilities with availability of IV kits	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	additional	IV_kits	F1_13.220
2-62A	Proportion of facilities with at least one unit of diazepam (injectable)	Proportion of facilities with diazepam available	Number of facilities with diazepam available	all facilities	additional	Dizzepam_inject	F1_14.1482
2-62B	Proportion of facilities with diazepam (injectable) stockout in past 30 days	Proportion of facilities with diazepam stockout in past 30 days	Number of facilities with diazepam stockout in past 30 days	all facilities	additional	Diazepam_inj_B	F1_14.1582
2-63A	Proportion of facilities with at least one unit of Oxytocin	Proportion of facilities with oxytocin available	Number of facilities with oxytocin available	all facilities	additional	Oxytocin	F1_14.1484
2-63B	Proportion of facilities with Oxytocin stockout in past 30 days	Proportion of facilities with oxytocin stockout in past 30 days	Number of facilities with oxytocin stockout in past 30 days	all facilities	additional	Oxytocin_B	F1_14.1584
2-64	Proportion of facilities with availability of balloon-mask for newborn	Proportion of health facilities with balloon mask for newborns available	Number of health facilities with balloon mask for newborns available	All health facilities included in the survey	WHO	Mask_nb	F1_13.1007
2-65	Proportion of facilities with availability of blood bank fridge	Proportion of health facilities with blood bank fridge available	Number of health facilities with blood bank fridge available	All health facilities included in the survey	WHO	Fridge_bloodbank	F1_13.1064
2-66	Proportion of facilities with availability of functional adult scale	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	additional	Scale	F1_13.25
2-67	Proportion of facilities with availability of light in birth room	Proportion of health facilities with light in the delivery room	Number of health facilities with light in the delivery room	all facilities	additional	Light	F1_13.104
2-68	Proportion of facilities with availability of functional BP machine	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	additional	BP_machine	F1_13.28
2-69	Proportion of facilities with availability of functional foetoscope	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	additional	Fetoscope	F1_13.08C
2-70-1A	Proportion of facilities with at least one unit of condoms (male)	Proportion of facilities with male condoms available	Number of facilities with male condoms available	all facilities	additional	Condom_m	F1_14.1458
2-70-1B	Proportion of facilities with condoms (male) stockout in past 30 days	Proportion of facilities with male condoms stockout in past 30 days	Number of facilities with male condoms stockout in past 30 days	all facilities	additional	Condommale_B	F1_14.1558
2-70-2A	Proportion of facilities with at least one unit of condoms (female)	Proportion of facilities with female condoms available	Number of facilities with female condoms available	all facilities	additional	Condom_f	F1_14.1457

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
2-70-2B	Proportion of facilities with condoms (female) stockout in past 30 days	Proportion of facilities with female condoms stockout in past 30 days	Number of facilities with female condoms stockout in past 30 days	all facilities	additional	Condomfemale_B	F1_14.1557
2-71A	Proportion of facilities with at least one unit of oral contraceptives	Proportion of facilities with oral contraceptive available	Number of facilities with oral contraceptive available	all facilities	additional	Contraceptive_oral	F1_14.1460 - F1_14.1461
2-71B	Proportion of facilities with oral contraceptives stockout in past 30 days	Proportion of facilities with oral contraceptive stockout in past 30 days	Number of facilities with oral contraceptive stockout in past 30 days	all facilities	additional	Contraceptive_oral_B	F1_14.1560 - F1_14.1561
2-72A	Proportion of facilities with at least one unit of injectable contraceptives	Proportion of facilities with injectable contraceptive available	Number of facilities with injectable contraceptive available	all facilities	additional	Contraceptive_inject	F1_14.1463
2-72B	Proportion of facilities with injectable contraceptives stockout in past 30 days	Proportion of facilities with injectable contraceptive stockout in past 30 days	Number of facilities with injectable contraceptive stockout in past 30 days	all facilities	additional	Contraceptive_inject_B	F1_14.1563
2-73A	Proportion of facilities with at least one unit of contraceptive implants	Proportion of facilities with contraceptive implants available	Number of facilities with contraceptive implants available	all facilities	additional	Contraceptive_implant	F1_14.1464
2-73B	Proportion of facilities with contraceptive implants stockout in past 30 days	Proportion of facilities with contraceptive implants stockout in past 30 days	Number of facilities with contraceptive implants stockout in past 30 days	all facilities	additional	Contraceptive_implant_B	F1_14.1564
2-74A	Proportion of facilities with at least one unit of IUD	Proportion of facilities with IUD available	Number of facilities with IUD available	all facilities	additional	IUD	F1_14.1465
2-74B	Proportion of facilities with IUD stockout in past 30 days	Proportion of facilities with IUD stockout in past 30 days	Number of facilities with IUD stockout in past 30 days	all facilities	additional	ContraceptiveIUD_B	F1_14.1565
2-75A	Proportion of facilities with at least one unit of malaria test kit	Proportion of facilities with malaria test kit available	Number of facilities with malaria test kit available	all facilities	additional	Malaria_kit	F1_14.1498
2-75B	Proportion of facilities with malaria test kit stockout in past 30 days	Proportion of facilities with malaria test kit stockout in past 30 days	Number of facilities with malaria test kit stockout in past 30 days	all facilities	additional	Malariakit_B	F1_14.1598
2-76A	Proportion of facilities with at least one unit of HIV test kit	Proportion of facilities with HIV test kit available	Number of facilities with HIV test kit available	all facilities	additional	HIV_kit	F1_14.1499
2-76B	Proportion of facilities with HIV test kit stockout in past 30 days	Proportion of facilities with HIV test kit stockout in past 30 days	Number of facilities with HIV test kit stockout in past 30 days	all facilities	additional	HIVkit_B	F1_14.1599
2-77A	Proportion of facilities with at least one unit of pregnancy test kit	Proportion of facilities with pregnancy test kit available	Number of facilities with pregnancy test kit available	all facilities	additional	Pregnancy_kit	F1_14.14100
2-77B	Proportion of facilities with pregnancy test kit stockout in past 30 days	Proportion of facilities with pregnancy test kit stockout in past 30 days	Number of facilities with pregnancy test kit stockout in past 30 days	all facilities	additional	pregnancykit_B	F1_14.15100
2-78A	Proportion of facilities with at least one unit of syphilis test kit	Proportion of facilities with syphilis test kit available	Number of facilities with syphilis test kit available	all facilities	additional	Syphilis_kit	F1_14.14101
2-78B	Proportion of facilities with syphilis test kit stockout in past 30 days	Proportion of facilities with syphilis test kit stockout in past 30 days	Number of facilities with syphilis test kit stockout in past 30 days	all facilities	additional	syphiliskit_B	F1_14.15101
2-79A	Proportion of facilities with at least one unit of urine test kit	Proportion of facilities with urine test kit available	Number of facilities with urine test kit available	all facilities	additional	Urin_kit	F1_14.14102
2-79B	Proportion of facilities with urine test kit stockout in past 30 days	Proportion of facilities with urine test kit stockout in past 30 days	Number of facilities with urine test kit stockout in past 30 days	all facilities	additional	Urinekit_B	F1_14.15102
Correct management of the patient - children consultations							
2-80	Proportion of cases asked for (breast-) feeding behavior / food intake	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askfeedbehav	F4_2.15
2-81	Proportion of cases asked for convulsions	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askconvuls	F4_2.18
2-82	Proportion of cases asked for diarrhea	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askdiarrh	F4_2.19
2-83	Proportion of cases asked for cough or difficult breathing	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askcough	F4_2.26
2-84	Proportion of cases asked for ear problem	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askear	F4_2.48

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
2-85	Proportion of cases asked for fever	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askfever	F4_2.35
2-86	Proportion of cases checked for respiratory signs	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	respsigncheck	F4_2.30 F4_2.3
2-87	Proportion of cases asked checked for dehydration	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	checkdeshy	F4_2.23
2-88	Proportion of cases checked for hyperthermia/hypothermia	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	checkhyper	F4_2.37, 2.14
2-89	Proportion of cases checked for weight	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	checkweight	F4_2.12
2-90	Proportion of cases checked for vaccination status	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	checkvacc	F4_3.11e
2-91	Proportion of cases asked for considerable vomiting	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askvomit	f4_216
2-92	Proportion of cases asked for lethargic state	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	asklethargic	f4_216
2-93A	Proportion of cases checked for anemia	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askanemia	f4_249
2-93B	Proportion of cases checked for oedema	Proportion of observed cases receiving screening measure	Number of observed cases receiving screening measure	all observed cases	IMCI	askoedema	f4_250
2-94	Proportion of indicated cases instructed on fluid intake	Proportion of observed cases with mild dehydration receiving treatment	Number of observed cases with mild dehydration receiving treatment	all cases with mild dehydration	IMCI	fluidint	F4_2.24c, F4_3.04a
2-95A	Proportion of diarrhea cases prescribed	Proportion of observed cases with moderate dehydration	Number of observed cases with moderate dehydration	all cases with moderate	IMCI	prescri diarr	F4_2.20, F4_3.06,
2-95B	Proportion of diarrhea cases instructed on treatment	Proportion of observed cases with diarrhea instructed treatment	Number of observed cases with diarrhea instructed on treatment	all cases with diarrhea	IMCI	expos diarr	F4_3.07_b F4_2.20
2-96A	Proportion of bacterial infection cases prescribed on treatment	Proportion of observed cases with bacterial infection receiving treatment	Number of observed cases with bacterial infection receiving treatment	all cases with bacterial infection	IMCI	prescri resp	F4_2.33b/c/d, F4_3.06, 3.07b
2-96B	Proportion of bacterial infection cases instructed on treatment	Proportion of observed cases with bacterial infection instructed treatment	Number of observed cases with bacterial infection instructed on treatment	all cases with bacterial infection	IMCI	expos resp	F4_3.07_b F4_233_b,c,d F4_234
2-97A	Proportion of malaria cases prescribed on treatment	Proportion of observed cases with mild malaria receiving treatment	Number of observed cases with mild malaria receiving treatment	all cases with malaria	IMCI	prescri malaria	F4_2.45c, F4_3.06, 3.07b
2-97B	Proportion of malaria cases instructed on treatment	Proportion of observed cases with malaria instructed treatment	Number of observed cases with malaria instructed on treatment	all cases with malaria	IMCI	expos malaria	F4_3.07_b F4_245_c
2-98	Proportion of cases instructed to return immediately if deterioration	Proportion of observed cases receiving instruction	Number of observed cases receiving instruction	all observed cases	IMCI	RETURN	F4_3.08
Number and training of staff member - child health							
2-99	Proportion of U5YO providers	Proportion of U5YO service providers per each facility	Number of U5YO service providers per each facility	all providers per each facility	IMCI	U5providers	F2_1.16, F2_1.27/1.28/1.29/137
2-100	Proportion of U5YO providers with knowledge in vaccination schedule	Proportion of U5YO providers with correct score	Number of U5YO providers with correct score	all U5YO providers tested	additional	vaccknowledg e	F2_13.01-03

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
2-101A	Proportion of U5YO providers with knowledge in management of severe dehydration (Each score scale is between 1 to 10)	Knowledge score on in management of severe dehydration	Average combined scale score on knowledge in management of severe dehydration.	all U5YO providers tested	additional	scoreknowdes hy	Scenario 1
2-101B	Proportion of U5YO providers with knowledge in management of ear infection (Each score scale is between 1 to 10)	Knowledge score in management of ear infection	Average combined scale score on management of ear infection.	all U5YO providers tested	additional	scoreknowear	Scenario 2
2-101C	Proportion of U5YO providers with knowledge in management of severe respiratory infection (Each score scale is between 1 to 10)	Knowledge score in management of severe respiratory infection	Average combined scale score on severe respiratory infection.	all U5YO providers tested	additional	scoreknowresp inf	Scenario 3
2-101D	Proportion of U5YO providers with knowledge in management of severely ill newborn (Each score scale is between 1 to 10)	Knowledge score in management of severely ill newborn.	Average combined scale score on management of severely ill newborn	all U5YO providers tested	additional	scoreknownew born	Scenario 4
2-102	Proportion of health facilities with appropriate fridge temperature checking/control	Proportion of facilities with appropriate checking	Number of facilities with appropriate checking	all facilities	IMCI	fridgecheck	F1_6.08
Availability of services - child health							
2-103	Proportion of health facilities providing immunization services continuous (week)	Proportion of facilities with continuous immunization services	Number of facilities with continuous immunization services	all facilities	IMCI	Immunization _week	F1_6.02
Availability of materials - child health							
2-104A	Proportion of health facilities with at least one unit of recommended antimalarial outpatient treatment (Artemether/Lumefantrine)	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	Arte_lum_sy p	F1_14.1473
2-104B	Proportion of health facilities with recommended antimalarial outpatient treatment (Artemether/ Lumefantrine) stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	Artemetherlu me_B	F1_14.1573
2-105A	Proportion of health facilities with at least one unit of recommended antimalarial outpatient treatment (Artesunate/Amodiaquine)	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	Arte_amo_chil d	F1_14.1469
2-105B	Proportion of health facilities with recommended antimalarial outpatient treatment (Artesunate/ Amodiaquine) stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	ArtesunateAm o_B	F1_14.1569
2-106A	Proportion of health facilities with at least one unit of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral amoxicillin)	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	Amoxicilin_sy rup	F1_14.1405
2-106B	Proportion of health facilities with recommended antibiotic for outpatient treatment of ear/respiratory infection (oral amoxicillin) stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	Amoxicillinsyr _B	F1_14.1505

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
2-107A	Proportion of health facilities with at least one unit of recommended 2nd line antibiotic for outpatient treatment of ear/respiratory infection (oral cotrimoxazole)	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	Cotrimoxazole_syrup	FI_14.1410
2-107B	Proportion of health facilities with sufficient stock of recommended 2nd line antibiotic for outpatient treatment of ear/respiratory infection (oral cotrimoxazole) stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	Cotrimoxazole_syr_B	FI_14.1510
2-108A	Proportion of health facilities with at least one unit of ORS sachet	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	ORS_sachet	FI_14.1406
2-108B	Proportion of health facilities with ORS sachet stockout in past 30 days	Proportion of facilities with sufficient stock of item stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	ORS_B	FI_14.1506
2-109A	Proportion of health facilities with at least one unit of Vitamin A	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	VitaminA	FI_14.1411
2-109B	Proportion of health facilities with Vitamin A stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	VitaminA_B	FI_14.1511
2-110A	Proportion of health facilities with at least one unit of oral paracetamol syrup	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	Paracetamol_syrup	FI_14.1403
2-110B	Proportion of health facilities with oral paracetamol syrup stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	Paracetamol_syr_B	FI_14.1503
2-111	Proportion of health facilities with availability of functional of infant/child weighing scale	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Scale_baby	FI_13.0207
2-112	Functionality Proportion of health facilities with availability of functional of thermometer	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Thermometer	FI_13.0210
2-113	Proportion of health facilities with availability of functional of fridge	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Fridge_func	FI_13.06D
2-114-1	Proportion of health facilities with availability of outreach material: cooler	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Outreach_cooler	FI_13.06b_qd
2-114-2	Proportion of health facilities with availability of outreach material: icebox	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Outreach_icebox	FI_13.06c_qd
2-114-3	Proportion of health facilities with availability of outreach material: freezer	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Outreach_freezer	FI_13.06e_qd
2-115-1	Proportion of health facilities with availability of vaccination syringes for immunization	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Syringe_all	FI_13.06j_qd
2-115-2	Proportion of health facilities with availability of vaccination needles for immunization	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Vaccination_needles	FI_13.06f_qd
2-115-3	Proportion of health facilities with availability of vaccination cards for immunization	Proportion of facilities with functional item	Number of facilities with functional item	all facilities	IMCI	Vaccination_cards	FI_13.06m_qd
2-116A	Proportion of health facilities with at least one unit of BCG vaccine	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	BCG_vaccine	FI_14.1491

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/ variable(s) in survey
2-116B	Proportion of health facilities with BCG vaccine stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	BCG_B	F1_14.1591
2-117A	Proportion of health facilities with at least one unit of OPV vaccine	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	OPV_vaccine	F1_14.1492
2-117B	Proportion of health facilities with OPV vaccine stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	OPV_B	F1_14.1492
2-118A	Proportion of health facilities with at least one unit of Pentavalent vaccine	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	DPT_vaccine	F1_14.1494
2-118B	Proportion of health facilities with Pentavalent vaccine stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	Pentavalent_B	F1_14.1594
2-119A	Proportion of health facilities with at least one unit of measles vaccines	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	Measles_vaccine	F1_14.1495
2-119B	Proportion of health facilities with measles vaccines stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with sufficient stock of item stockout in past 30 days	all facilities	IMCI	Measlevaccine_B	F1_14.1595
2-120A	Proportion of health facilities with at least one unit of TT2 vaccine	Proportion of facilities with sufficient stock of item	Number of facilities with sufficient stock of item	all facilities	IMCI	TT_vaccine	F1_14.1493
2-120B	Proportion of health facilities with TT2 vaccine stockout in past 30 days	Proportion of facilities with stockout in past 30 days	Number of facilities with stockout in past 30 days	all facilities	IMCI	TT2vaccine_B	F1_14.1593
Patients' satisfaction							
2-121	Proportion of main reasons reported by patients for seeking U5YO health services	Proportion of responses per item	Number of responses per item	All patients included in the survey	additional	reason1 reason2 reason3	F6 4.01
2-122	Proportion of main reasons reported by patients for seeking ANC health services	Proportion of responses per item	Number of responses per item	All patients included in the survey	additional	reason1 reason2 reason3	F5 4.01
2-123	Proportion of patients satisfied with ANC service	Satisfaction score with ANC consultation	Average combined scale score on satisfaction with ANC consultation (overall and satisfaction subdimensions)	All patients included in the survey	additional	ANCsatis	F5 4.01-28
2-124	Proportion of patients satisfied with U5YO service	Satisfaction score with U5YO consultation	Average combined scale score on satisfaction with U5YO consultations (overall and satisfaction subdimensions)	All patients included in the survey	additional	kidssatis	F6 4.01-18
2-125	Mean perception scores on quality of health care services reported by patients (Each score scale is between 1 to 5)	Satisfaction score with health facility services	Average combined scale score on satisfaction with health facilities (overall and satisfaction subdimensions)	All patients included in the survey	additional	satisoverall satiscost satisproviders satisresources	C1_S902 - C1_S905

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
Vaccinations and micronutrients							
3-1	BCG Immunization coverage (%) Polio 0 Immunization coverage (%)	Proportion of children who received one dose of BCG and or the polio birth dose	Number of children who received one dose of BCG and or the polio birth dose	Number of children included in the survey	MICS, WHO and DSH	bcgcoverage/ vpo0coverage	C2_1403A C2_1404B
3-2	Penta 1 (DTP1, Hib1, Hep1) Immunization coverage (%) Polio 1 Immunization coverage (%)	Proportion of children who received the first dose of Polio and or the first dose of penta vaccine	Number of children aged at least 2 months who received the first dose of polio and or the first dose of penta	Number of children aged at least 2 months included in the survey	MICS, WHO and DSH	penta1coverage/ opv1coverage	C2_1403C C2_1403D
3-3	Penta 2 (DTP2, Hib2, Hep2) Immunization coverage (%) Polio 2 Immunization coverage (%)	Proportion of children who received the second dose of Polio and or the second dose of penta vaccine	Number of children aged at least 3 months who received the first dose of polio and or the first dose of penta	Number of children aged at least 3 months included in the survey	MICS, WHO and DSH	penta2coverage /opv2coverage	C2_1404E C2_1404F
3-4	Penta 3 (DTP3, Hib3, Hep3) Immunization coverage (%) Polio 3 Immunization coverage (%)	Proportion of children who received the third dose of Polio and or the third dose of penta vaccine	Number of children aged at least 4 months who received the first dose of polio and or the first dose of penta	Number of children aged at least 4 months included in the survey	MICS, WHO and DSH	penta3coverage /opv3coverage	C2_1403G C2_1403H
3-5	Measles immunization coverage among 1 year olds (%)	Proportion of children who received one dose of measles vaccine	Number of children aged at least 9 months who received one dose of measles vaccine	Number of children aged at least 9 months included in the survey	MICS, WHO and DSH	measlecoverage	C2_1403I
3-6	Yellow fever immunization coverage (%)	Percentage of children under one year of age who received one dose of yellow fever vaccine	Number of children aged at least 9 months who received one dose of yellow fever vaccine	Number of children aged at least 9 months included in the survey	MICS, WHO and DSH	yfvccoverage	C2_1403J
3-7	Percentage of children fully immunized	Proportion of children 12-23 months who received one dose of BCG, four doses of OPV, three doses of Penta, one dose of measles and one dose of yellow fever vaccines	Number of children 12-23 months who received one dose of BCG, four doses of OPV, three doses of Penta, one dose of measles and one dose of yellow fever vaccines	Number of children aged at least 12-23 months included in the survey	MICS, WHO and DSH	fullcoverage	C2_1403A to C2_1403J
3-8	Age appropriate immunization coverage (timely vaccination) 3-8a. BCG Immunization coverage (%) 3-8b. Penta 1 (DTP1, Hib1, Hep1) Immunization coverage (%) 3-8c. Penta 3 (DTP3, Hib3, Hep3) Immunization coverage (%) 3-8d. Measles immunization coverage (%)	Proportion of children who received specific vaccines within the recommended age intervall (not more than one month after the recommended age).	Number of children who received specific vaccines within the recommended age intervall (not more than one month after the recommended age)	Number of eligible children for the specific vaccine included in the survey	CDC, ACIP	bcgtime dtc1time dtc3time measstime	C2_1403A, C2_1403D, C2_1403H, C2_1403I
3-9	Neonates protected at birth against neonatal tetanus (%)	The proportion of neonates in a given year that can be considered as having been protected against tetanus as a result of maternal immunization.	Number of pregnant women who received at least two doses of toxoid tetanus vaccine	Number of pregnant women included in the survey	WHO		C2_1217 et C2_1218 f5_210....f5_212
3-10	Vitamin A coverage among under 3 years of age children	Percentage of children under 3 years who have received Vitamin A	Number of children under 3 years who have received Vitamin A	Number of children under 3 years included in the survey	WHO	vitaAcovage UT	C2_1404 - C2_1417
3-11	Vitamine A coverage among children aged 6-59 months	Proportion of children aged 6-59 months who received a high dose vitamin A supplementation	Number of children aged 6-59 months who received a high dose vitamin A supplementation	Number of children aged 6-59 months included in the survey	WHO	vitaAcovage UF	C2_1404 - C2_1417
3_12	Personal knowledge on vaccination schedule (specific vaccines)	Proportion of health personal knowing the national schedule of specific vaccines	Number of health personal knowing the national schedule of specific vaccines	Number of health personal included in the survey	Additional	vaccknowledge	F2_1301.....F2_1303
Cases management							
3-13	Case management diarrhoea (effective)	Percentage of children aged 0-59 months with diarrhoea receiving appropriate treatment according to protocol.	Eligible children received appropriate antimalarial medication according to national policy in previous two weeks	Children (0-59) with reported diarrhoea in previous two weeks, include multiple births, exclude deceased	WHO	diarrheettappr o	F6_219_1- F6_219_7 F4_220,F4_224b/c /d/e/f/g/h

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
3-14	Case management acute respiratory infection (effective)	Percentage of children aged 0-59 months with ARI receiving appropriate treatment according to protocol.	Eligible children received appropriate ARI medication according to national policy in previous two weeks	Children (0-59) with ARI in previous two weeks, include multiple births, exclude deceased	WHO	IRAtt	F6_219_1- F6_219_7 F4_233_b F4_233_d F4_233_e F4_233_f
3-15	Number of childhood diseases (Acute respiratory infection, diarrhoea and fever) cases screened according to the IMCI approach	Number of childhood diseases cases screened according to the IMCI approach	Number of childhood diseases cases screened according to the IMCI approach	Total number of childhood diseases screened	WHO	IMCIScreen	F4_2.15/2.18/2.19/ 2.26/2.48/2.35/2.3 0/2.32/2.23/2.37/2. 14/2.12, F4_311e
3-16	Children aged <5 years with diarrhoea receiving oral rehydration therapy	Proportion of children aged 6-59 months who had diarrhoea in the last 2 weeks and were treated with oral rehydration salts or an appropriate household solution	Number of children aged 6-59 months who had diarrhoea in the last 2 weeks and were treated with oral rehydration salts or an appropriate household solution	Number of children aged 6-59 months who had diarrhoea in the last 2 weeks included in the survey	WHO	SROtt	F6_219_1- F6_219_7 F4_220
3-17	Children aged < 5 years with fever who received treatment with any antimalarial (%)	Percentage of children aged <5 years with fever in malaria risk areas being treated with effective antimalarial drugs	Number of children aged 0-59 months with fever in the 2 last weeks prior to the survey who received any antimalarial medicine	Total number of children aged 0-59 reported to have fever in the 2 last weeks prior to the survey	WHO	malariatt	F6_219_1- F6_219_7 F4_207 F4_209_b
Malaria							
3-18	Proportion of malaria positive test (RDT) among children aged <5	Percentage of RDT positive among children aged 0-59 months	Number of RDT positive among children aged 0-59 months	Total number of RDT practiced during the survey	Additional	malariatestU5	C2_1515
3-19	Children aged <5 years sleeping under insecticide-treated nets (%)	Percentage of children under five years of age in malaria endemic areas who slept under an insecticide-treated nets (ITN) the previous night	Number of children aged 0-59 months who slept under an insecticide-treated mosquito net the night prior to the survey	Total number of children aged 0-59 months included in the survey	WHO	sleepmoustitrai tU5	C1_957

For each child care indicator, we will also specifically explore coverage among children in the lowest quintile (equity) as well as differences between intervention and control districts (in main report) and provide a specific break-down by district in the appendix.

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
Breastfeeding							
4-1	Breastfeeding	Percentage of newborns put to the breast ; most recent live birth previous 12m.	Number of newborns put to the breast breastfeeding after delivery	Number of newborns	WHO 2010	allaitement	C2_1234A
4-2	Timely initiation breastfeeding	Percentage of newborns put to the breast within one hour of birth; most recent live birth previous 12m.	Women initiated breastfeeding within the first hour after delivery.	Women with a birth in previous 12m.	WHO 2010	initbreastfeed	C2_1234A C2_1235A
4-3	Timely initiation breastfeeding	Percentage of newborns put to the breast within 24 hours of birth; most recent live birth previous 12m.	Women initiated breastfeeding within the first 24 hours after delivery.	Women with a birth in previous 12m.	WHO 2010	init1jr	C2_1234A C2_1235A
4-4	Exclusive breastfeeding 0-6m	Proportion of infants 0–5 months of age who are fed exclusively with breast milk.	Infants 0–5 months of age who received only breast milk during the previous day	Infants 0–5 months of age	WHO 2010 Indicators Compendium	allaitexclusiv	C2_1255A- C2_1255I C2_1501B
4-5	Breastfeeding & complementary feeding 6-9m	Percentage of infants aged 6-9 months who are breastfed and receive complementary food (solid or semisolid foods).	Eligible children still breastfeeding and received solid/semisolid foods in the previous 24hr.	Children (6-9): most recently born (include only one multiple birth) still alive & living with mom.	JHU Indicators Report	breasfeedcompl	C2_1255B/C/G/H/I C2_1238A
Management in health facilities							
4-6	Growth monitoring 0-59 months	Percentage of children aged between 0 and 59 months who have participated in growth monitoring in the last 6 months	Number of children aged between 0 and 59 months	Total number of child consultations	Addition al	growthmonit	C2_1502 C2_1501B
Malnutrition, stunting, wasting							
4-7	Severe stunting 0-59m	Percentage of children 0-59m whose height-for-age Zscore<-3	Number of children 0-59m whose height-for-age Zscore<-3	Number of children 0-59m	WHO 2010 Indicators Compendium	hazscorecod1	C2_1511 C2_1501B C1_103
4-8	Moderate/Severe stunting 0-59m	Percentage of children 0-59m whose height-for-age Zscore<-2	Number of children 0-59m whose height-for-age Zscore<-2	Number of children 0-59m	WHO 2010 Indicators Compendium	hazscorecod2	C2_1511 C2_1501B C1_103
4-9	Severe underweight 0-59m	Percentage of children 0-59m whose weight-for-age Zscore<-3	Number of children 0-59m whose weight-for-age Zscore<-3	Number of children 0-59m	JHU Indicators Report	wazscorecod1	C2_1513 C2_1501B C1_103
4-10	Moderate underweight 0-59m	Percentage of children 0-59m whose weight-for-age Zscore<-2 (Weight-for-age less than -3 standard deviations of the WHO Child Growth Standards median)	Number of children 0-59m whose weight-for-age Zscore<-2	Number of children 0-59m	WHO 2010	wazscorecod2	C2_1513 C2_1501B C1_103
4-11	Severe wasting 0-59m	Percentage of children 0-59m whose weight-for-height Zscore<-3	Number of children 0-59m whose weight-for-height Zscore<-3	Number of children 0-59m	WHO 2010 Indicators Compendium	whzscorecod1	C2_1511 C2_1513 C2_1501B
4-12	Moderate wasting 0-59m	Percentage of children 0-59m whose weight-for-height Zscore<-2	Number of children 0-59m whose weight-for-height Zscore<-2	Number of children 0-59m	WHO 2010 Indicators Compendium	whzscorecod2	C2_1511 C2_1513 C2_1501B C1_103
4-13	Severe acute malnutrition 0-59m	Percentage of children 0-59m whose weight-for-height Zscore<-3	Number of children 0-59m whose weight-for-height Zscore<-3	Number of children 0-59m	WHO 2010 Indicators	whzscorecod1	C2_1511 C2_1513 C2_1501B

Indicator N.	Core indicator	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
Anemia							
4-14	Children anemia	Percentage of children with detected anemia through blood test during survey	Number of children with detected anemia through blood test during survey (Haemoglobin rate <11g/dl)	Number of children	DHS	anemchild	C2_1516
4-15	Children slight anemia	Percentage of children with detected anemia through blood test during survey (Haemoglobin rate between 10-10.9g/dl)	Number of children with detected anemia through blood test during survey (Haemoglobin rate between 10-10.9g/dl)	Number of children	DHS	anemchildrec1	C2_1516
4-16	Children moderate anemia	Percentage of children with detected anemia through blood test during survey (Haemoglobin rate between 7-9.9g/dl)	Number of children with detected anemia through blood test during survey (Haemoglobin rate between 7-9.9g/dl)	Number of children	DHS	anemchildrec2	C2_1516
4-17	Children severe anemia	Percentage of children with detected anemia through blood test during survey (Haemoglobin rate <7g/dl)	Number of children with detected anemia through blood test during survey (Haemoglobin rate <7g/dl)	Number of children	DHS	anemchildrec3	C2_1516
4-18	Women anemia	Percentage of women with detected anemia through blood test during survey	Number of women with detected anemia through blood test during survey	Number of women	DHS	anemWom	C2_1516 C1_108
4-19	Women slight anemia	Percentage of children with detected anemia through blood test during survey. Haemoglobin rate between 10-10.9g/dl)	Number of children with detected anemia through blood test during survey (Haemoglobin rate between 10-10.9g/dl)	Number of women	DHS	anemwomrec1	C2_1516 C1_108
4-20	Women moderate anemia	Percentage of children with detected anemia through blood test during survey (Haemoglobin rate: NP* 8- 10.9 g/dl; P (7-9.9g/dl)	Number of children with detected anemia through blood test during survey (Haemoglobin rate: NP 8-10.9 g/dl; P (7-9.9g/dl)	Number of women	DHS	anemwomrec2	C2_1516 C1_108
4-21	Women severe anemia	Percentage of children with detected anemia through blood test during survey (Haemoglobin rate: NP <8 g/dl; P <7g/dl)	Number of children with detected anemia through blood test during survey (Haemoglobin rate: NP <8 g/dl; P <7g/dl)	Number of women	DHS	anemwomrec3	C2_1516 C1_108

* NP= Non Pregnant. P=Pregnant

Indicator N.	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
Can do factors (working conditions and human resource)						
<i>Facility-level</i>						
5-1	Staff requirement (Number of facilities with at least 1 nurse, 1 midwife, 1 AIS)	Number of facilities with minimum 1 nurse, 1 midwife, 1 AIS	Total number of facilities	Additional	staff_norm	F1_405
5-2***	Financial resources per capita catchment population obtained from different funding sources	Facility budget in 2012 from <i>[funding source]</i>	Catchment population	Additional	user_fees_catc h drug_sales_cat ch donor_catch	F1_116_b F1_116_c f1_116_f F1_702_a
5-3	Health worker density (Clinical staff per 1000 catchment population)	Clinical staff *1000	Catchment population	WHO Handbook on monitoring and evaluation of human resources for health in LMICs (2009)	staff_dens	F1_405 F1_702_a
5-4	Caseload	Number of patients in the last month	Number of clinical staff	adapted from WB Health Service Delivery Indicators	caseload	F1_703 F1_405
5-5	Performance evaluation	Number of facilities having been externally evaluated for their performance in the last 12 months	Total number of facilities	Additional	ext_eval	F1_221
5-6	Perceived management autonomy	Average score per aspect of management autonomy		Additional	F1_1101 - F1_1109	F1_1101 - F1_1109
5-7	Incentive and salary top-up payments per clinical staff	Total amount of incentives and salary top-ups paid in 2012	Total number of clinical staff	adapted from WHO Handbook on monitoring and evaluation of human resources for health in LMICs (2009)	incent	F1_121 F1_405
<i>Individual-level**</i>						
5-8	Training levels	Number of clinical staff having received <i>[specific training]</i> <i>[within the last (will be calculated for each specific training, taking health worker cadre into account)]</i>	Total number of clinical staff	Additional	F2_601_a_oy - F2_628_a_oy	F2_601_a - F2_628_a
5-9	Performance evaluation	Number of respondents having been evaluated for their performance in the last 12 months	Total number of clinical staff	Additional	perfeval	F2_1104 F2_1111
5-10	Income earned from different sources in the last 3 months	Income of the last 3 months from <i>[income source]</i>		Additional	sal_net_3mth ristournes_3mt h perdiem_3mth	F2_111 F2_112_b F2_802 F2_807 F2_812 F2_907 - F2_909 F2_914 - F2_916

5-11	Perceived degree of distributive fairness	Average combined distributive fairness scale score (Perceived distributive fairness: "Degree to which respondents feel that they are adequately remunerated for their performance, in relation to their colleagues")	adapted from Colquitt, 2001	DF	F2_425 - F2_428
5-12	Perceived individual agency	Average combined individual agency scale score (Perceived individual agency: "Degree to which clinical staff feels they can influence and have a certain degree of control over what happens at the facility")	adapted from Spreitzer, 1995, and Weber, 2001	IA	F2_412 F2_419
Will do factors					
5-13	Satisfaction with working conditions	Average combined scale score on different dimensions of the satisfaction with work scale	adapted from Faye et al., 2013	SAT_man SAT_relcol SAT_relaut SAT_relcom SAT_wcond SAT_tasks SAT_fb SAT_comp SAT_car	F2_501 - F2_542
5-14	Motivation	Average combined scale scores on extrinsic and intrinsic motivation and turnover intentions scales	self-developed, on the basis of Tremblay et al., 2009, and Gagné et al., 2010	MOT_INT MOT_EXT TI	F2_201 - F2_235
Performance indicators					
5-15	Presence at work	Number of clinical facility staff present on day of facility visit	Total number of clinical facility staff employed on day of facility visit	WHO Handbook on monitoring and evaluation of human resources for health in LMICs (2009)	HW_presence F1_405 F1_413
5-16	Absenteeism (self-report)	Number of days of absence from work in the last 30 days		USAID Human Resources for Health (HRH) Indicator Compendium (2011)	F2_702 F2_702
5-17	Dual practice	Number of clinical staff reporting to be working in additional job		adapted from USAID Human Resources for Health (HRH) Indicator Compendium (2011)	F2_1001 F2_1001

* n = total number of surveyed facilities / total number of surveyed staff

** assumes that our sample of clinical staff is representative for all clinical staff

*** Original indicator 5-1 "Financial resources per capita catchment population" does not exist, because it could not be calculated due to facilities not knowing their government budget which is not paid in cash but kept at district as credit

For each indicator, sample means, standard deviations, and ranges will be calculated. For perception, satisfaction, and motivation scale scores, medians will be given in addition. Subgroup analyses and comparisons of intervention versus control facilities will be performed. For each individual-level indicator, subgroup analyses by cadre will be performed in addition. A detailed breakdown by district will be provided in the appendix.

Indicator N.	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
Awareness of indigents directives						
6-1	Rate of awareness of indigents directives	Number of health agents aware of indigents directives	Total number of health agents	Additional	f2_1201	F2_1201
6-2	Rate of compliance regarding indigents directives	Number of health agents applying indigents directives	Number of health agents aware of indigents directives	Additional	F3_1202	F3_1202
6-3	Share of non compliance regarding indigents directives explained by absence of criteria	Number of health agents not applying indigents directives because of absence of criteria	Number of health agents not applying indigents directives	Additional	F2_1203	F2_1203
6-4	Share of non compliance regarding indigents directives explained by lack of resources	Number of health agents not applying indigents directives because of lack of resources	Number of health agents not applying indigents directives	Additional	F2_1204	F2_1204
6-5	Share of non compliance regarding indigents directives explained by difficulties to identify indigents	Number of health agents not applying indigents directives because of difficulties to identify indigents	Number of health agents not applying indigents directives	Additional	F2_1205	F2_1205
6-6	Share of non compliance regarding indigents directives explained by absence of indigents	Number of health agents not applying indigents directives because of absence of indigents	Number of health agents not applying indigents directives	Additional	F2_1206	F2_1206
6-7	Share of non compliance regarding indigents directives because considered useless	Number of health agents not applying indigents directives because considered useless	Number of health agents not applying indigents directives	Additional	F2_1207	F2_1207
6-8	Share of non compliance regarding indigents directives for other reasons	Number of health agents not applying indigents directives for other reasons	Number of health agents not applying indigents directives	Additional	F2_1208	F2_1208
Awareness of full exemption directives regarding delivery of indigent women						
6-09	Rate of awareness of full exemption directives regarding delivery of indigent women	Number of health agents aware of full exemption directives regarding delivery of indigent women	Total number of health agents	Additional	f2_1209	F2_1209
6-10	Rate of compliance regarding delivery subsidies directives	Number of health agents applying full exemption directives regarding delivery of indigent women	Number of health agents aware of full exemption directives regarding delivery of indigent women	Additional	F2_1210	F2_1210
6-11	Share of non compliance regarding delivery exemption directives explained by absence of criteria	Number of health agents not applying delivery exemption directives because of absence of criteria	Number of health agents not applying delivery exemption directives	Additional	F2_1211	F2_1211
6-12	Share of non compliance regarding delivery exemption directives explained by lack of resources	Number of health agents not applying indigents delivery exemption because of lack of resources	Number of health agents not applying delivery exemption directives	Additional	F2_1212	F2_1212
6-13	Share of non compliance regarding delivery exemption directives explained by difficulties to identify indigents	Number of health agents not applying delivery exemption directives because of difficulties to identify indigents	Number of health agents not applying delivery exemption directives	Additional	F2_1213	F2_1213
6-14	Share of non compliance regarding delivery exemption directives explained by absence of indigents	Number of health agents not applying delivery exemption directives because of absence of indigents	Number of health agents not applying delivery exemption directives	Additional	F2_1214	F2_1214

Indicator N.	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
6-15	Share of non compliance regarding delivery exemption directives because considered useless	Number of health agents not applying delivery exemption directives because considered useless	Number of health agents not applying delivery exemption directives	Additional	F2_1215	F2_1215
6-16	Share of non compliance regarding delivery exemption directives for other reasons	Number of health agents not applying delivery exemption directives for other reasons	Number of health agents not applying exemption subsidies directives	Additional	F2_1216	F2_1216
Preferred indigents selection method						
6-17	Indigent selection method: Share preferring nurses at the health center (CSPS)	Number of health workers preferring nurses at the health center to select indigents	Number of health workers	Additional	methode_id1	F2_1217
6-18	Indigent selection method: share preferring community-based in villages	Number of health workers preferring community-based selection of indigents	Number of health workers	Additional	methode_id2	F2_1217
6-19	Indigent selection method: share preferring COGES	Number of health workers preferring COGES to select indigents	Number of health workers	Additional	methode_id3	F2_1217
6-20	Indigent selection method: share preferring state social workers	Number of health workers preferring state social workers to select indigents	Number of health workers	Additional	methode_id4	F2_1217
6-21	Indigent selection method: share preferring municipality	Number of health workers preferring municipality to select indigents	Number of health workers	Additional	methode_id5	F2_1217
Proportion of population to be exempted						
6-22	Proportion of the population to be fully exempted: share preferring 1%	Number of health workers preferring selection of 1% of the population to be fully exempted	Number of health workers	Additional	prop_benef1	F2_1218
6-23	Proportion of the population to be fully exempted: share preferring 5%	Number of health workers preferring selection of 5% of the population to be fully exempted	Number of health workers	Additional	prop_benef2	F2_1218
6-24	Proportion of the population to be fully exempted: share preferring 10%	Number of health workers preferring selection of 10% of the population to be fully exempted	Number of health workers	Additional	prop_benef3	F2_1218
6-25	Proportion of the population to be fully exempted: share preferring 20%	Number of health workers preferring selection of 20% of the population to be fully exempted	Number of health workers	Additional	prop_benef4	F2_1218
6-26	Proportion of the population to be fully exempted: share preferring 25%	Number of health workers preferring selection of 25% of the population to be fully exempted	Number of health workers	Additional	prop_benef5	F2_1218
Subscription method						
6-27	Health coverage subscription method: share preferring equal amount	Number of health workers preferring equal amount subscription	Number of health workers	Additional	progressivite1	F2_1219
6-28	Health coverage subscription method: share preferring proportional amount	Number of health workers preferring proportional amount subscription	Number of health workers	Additional	progressivite2	F2_1219
6-29	Health coverage subscription method: share preferring proportional amount with exemption for indigent	Number of health workers preferring proportional amount subscription with full exemption for indigents	Number of health workers	Additional	progressivite3	F2_1219

Indicator N.	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
6-30	Health coverage subscription method: share preferring progressive amount	Number of health workers preferring progressive amount subscription	Number of health workers	Additional	progressivite4	F2_1219
Who should manage the health coverage subscription						
6-31	Health coverage best manager option: share preferring village members	Number of health workers preferring village members as managers	Number of health workers	Additional	confiance1	F2_1220
6-32	Health coverage best manager option: share preferring NGO	Number of health workers preferring NGO as managers	Number of health workers	Additional	confiance2	F2_1220
6-33	Health coverage best manager option: share preferring community-based health insurance	Number of health workers preferring community-based management	Number of health workers	Additional	confiance3	F2_1220
6-34	Health coverage best manager option: share preferring municipality	Number of health workers preferring municipality as managers	Number of health workers	Additional	confiance4	F2_1220
6-35	Health coverage best manager option: share preferring COGES	Number of health workers preferring COGES as managers	Number of health workers	Additional	confiance5	F2_1220
6-36	Health coverage best manager option: share preferring the state	Number of health workers preferring the State as managers	Number of health workers	Additional	confiance6	F2_1220
6-37	Health coverage worst manager option: share mentioning village members	Number of health workers mentioning village members as worst potential managers	Number of health workers	Additional	conf_moins1	F2_1221
6-38	Health coverage worst manager option: share mentioning NGO	Number of health workers mentioning NGO as worst potential managers	Number of health workers	Additional	conf_moins2	F2_1221
6-39	Health coverage worst manager option: share mentioning community-based health insurance	Number of health workers mentioning community as worst potential managers	Number of health workers	Additional	conf_moins3	F2_1221
6-40	Health coverage worst manager option: share mentioning municipality	Number of health workers mentioning municipality as worst potential managers	Number of health workers	Additional	conf_moins4	F2_1221
6-41	Health coverage worst manager option: share mentioning COGES	Number of health workers mentioning COGES as worst potential managers	Number of health workers	Additional	conf_moins5	F2_1221
6-42	Health coverage worst manager option: share mentioning the state	Number of health workers mentioning the State as worst potential managers	Number of health workers	Additional	conf_moins6	F2_1221
Targeted population						
6-43	Best target population for exemption: share mentioning under 5 children	Number of health workers mentioning under 5 children as the best potential target for exemption	Number of health workers	Additional	beneficiaires1	F2_1222
6-44	Best target population for exemption: share mentioning pregnant women	Number of health workers mentioning pregnant women as the best potential target for exemption	Number of health workers	Additional	beneficiaires2	F2_1222
6-45	Best target population for exemption: share mentioning above 60 year old people	Number of health workers mentioning above 60 y-old as the best potential target for exemption	Number of health workers	Additional	beneficiaires3	F2_1222

Indicator N.	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
6-46	Best target population for exemption: share mentioning indigents	Number of health workers mentioning indigents as the best potential target for exemption	Number of health workers	Additional	beneficiaires4	F2_1222
6-47	Best target population for exemption: share mentioning productive-age men	Number of health workers mentioning productive-age men as the best potential target for exemption	Number of health workers	Additional	beneficiaires5	F2_1222
6-48	Best target population for exemption: share mentioning facility staff	Number of health workers mentioning healthy people as the best potential target for exemption	Number of health workers	Additional	beneficiaires6	F2_1222
6-49	Best target population for exemption: share mentioning other	Number of health workers mentioning other categories as the best potential target for exemption	Number of health workers	Additional		F2_1222
6-50	Worst target population for exemption: share mentioning under 5 children	Number of health workers mentioning under 5 children as the worst potential target for exemption	Number of health workers	Additional	benef_moins1	F2_1223
6-51	Worst target population for exemption: share mentioning pregnant women	Number of health workers mentioning pregnant women as the worst potential target for exemption	Number of health workers	Additional	benef_moins2	F2_1223
6-52	Worst target population for exemption: share mentioning above 60 year old people	Number of health workers mentioning above 60 y-old as the worst potential target for exemption	Number of health workers	Additional	benef_moins3	F2_1223
6-53	Worst target population for exemption: share mentioning indigents	Number of health workers mentioning indigents as the worst potential target for exemption	Number of health workers	Additional	benef_moins4	F2_1223
6-54	Worst target population for exemption: share mentioning productive-age men	Number of health workers mentioning productive-age men as the worst potential target for exemption	Number of health workers	Additional	benef_moins5	F2_1223
6-55	Worst target population for exemption: share mentioning facility staff	Number of health workers mentioning healthy people as the worst potential target for exemption	Number of health workers	Additional	benef_moins6	F2_1223
6-56	Worst target population for exemption: share mentioning other	Number of health workers mentioning other categories as the worst potential target for exemption	Number of health workers	Additional	n/a	F2_1223

Indicator N.	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
7-1	Financial motivation	CHW that receive financial motivation	Total number of CHW	Additional	f8_502yn	f8_0501 f8_0502 f8_0503
7-2	Incentives and salary top-up payments	CHW that receive salary top-ups / incentives	Total number of CHW	Additional	f8_incentyn	f8_0504 f8_0505 f8_0507 f8_0507
7-3a	Workload (during the last month)	Number of contacts with households (last month)	Total number of CHW	Additional	f8_303	f8_0303
7-3b		Number of sensitization meetings organized (last month)	Total number of CHW	Additional	f8_313	f8_0313
7-3c		Number of children accompanied for treatment at health facilities (last month)	Total number of CHW	Additional	f8_314	f8_0314
7-3d		Number of women accompanied to ANC (last month)	Total number of CHW	Additional	f8_315	f8_0315
7-3e		Number of women accompanied to delivery in health facilities (last month)	Total number of CHW	Additional	f8_316	f8_0316
7-3f		Number of patients for treatment (last month)	Total number of CHW	Additional	f8_317total	f8_0317_a f8_0317_b
7-4a	Performance evaluation by health facilities	CHW for whom the health facility is responsible for performance evaluation	Total number of CHW	Additional	f8_602yn	f8_0602 f8_0603
7-4b		Performance evaluation by health facility (last year)	Total number of CHW	Additional	f8_604yn	f8_0604
7-5a	Training levels	CHW having received training for child illnesses (last year)	Total number of CHW	Additional	f8_201a	f8_0201_a
7-5b		CHW having received training for family planning (last year)	Total number of CHW	Additional	f8_201b	f8_0201_b
7-5c		CHW having received training for ANC and PNC (last year)	Total number of CHW	Additional	f8_201c	f8_0201_c
7-5d		CHW having received training for sending women to hf for delivery or pregnancy complications (last year)	Total number of CHW	Additional	f8_201d	f8_0201_d
7-5e		CHW having received training for vaccinations (last year)	Total number of CHW	Additional	f8_201h	f8_0201_h
7-6a	Satisfaction with working conditions	Satisfaction with working relationship with health care personnel	Total number of CHW	adapted from Faye et al., 2013	satis_76a	f8_802 f8_803 f8_804
7-6b		Satisfaction with relationship with the community	Total number of CHW		satis_76b	f8_805 f8_806 f8_812 f8_811
7-6c		Satisfaction with working conditions	Total number of CHW		satis_76c	f8_826 f8_827 f8_825 f8_814 f8_813 f8_817
7-6d		Satisfaction with materials and drugs	Total number of CHW		satis_76d	f8_807 f8_808 f8_809
7-6e		Satisfaction with possibilities for professional development	Total number of CHW		satis_76e	f8_816 f8_821 f8_824
7-6f		Satisfaction with supervision and recognition	Total number of CHW		satis_76f	f8_818 f8_819
7-6g		Satisfaction with salary and incentives	Total number of CHW		satis_76g	f8_815 f8_810 f8_822 f8_823 f8_828 f8_829 f8_820

Indicator N.	Definition	Numerator	Denominator	Source	Indicator variable	Question(s)/variable(s) in survey
7-7a	Motivation	Motivational strength: Degree to which CHWs feel motivated to give their most in their job	Total number of CHW	self-developed, on the basis of Tremblay et al., 2009, and Gagné et al., 2010	f8_719	f8_719
7-7b		Intrinsic job interest: Degree to which CHWs enjoy their job and find it interesting	Total number of CHW		II	f8_706 f8_715 f8_720
7-7c		Turnover intentions: Degree to which CHWs feel like quitting their job as CHW	Total number of CHW		f8_711	f8_711
7-8a	Presence at work	Average weekly number of hours of work dry season (self-reported)	Total number of CHW	Additional	f8_309_a	f8_309_a
7-8b		Average weekly number of hours of work rainy season (self-reported)	Total number of CHW	Additional	f8_309_b	f8_309_b
7-9	Other occupation	CHW with additional other occupation	Total number of CHW	Additional	f8_120	F8_120
7-10	Perceived quality of CHW services	Average combined scale score on satisfaction with CHW (overall score)	Total number of interviewed households	Additional (household dataset)	satis	C2_1705A C2_1705B C2_1705C C2_1705D C2_1705E C2_1705F C2_1705G

Annex III: Indicators: Cross- and balance tables

WP0: General characteristics of the survey

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1: General characteristics of the facility survey

	Characteristics	%	N
0-1	Number of health facilities included in the survey	n/a	448
0-2	Number of health facilities per location of health facilities		
	<i>Urban</i>	12.7	57
	<i>Rural</i>	87.3	391
0-3	Number of health facilities per type: private/public		
	<i>Private</i>	2.7	12
	<i>Public</i>	97.3	436
0-4	Number of health facilities per level: 1st/2nd/3rd level		
	<i>Primary level (CSPS/CM)</i>	92.9	416
	<i>Secondary level (CMA/CHR)</i>	4.4	20
	<i>Others (Private)</i>	2.7	12
0-5	Number of health facilities per region		
	<i>BOUCLE DU MOUHOUN</i>	19.7	88
	<i>CENTRE-EST</i>	14.7	66
	<i>CENTRE-NORD</i>	27.2	122
	<i>NORD</i>	28.8	129
	<i>SUD-OUEST</i>	9.6	43
0-6	Number of health facilities per district		
	<i>BOROMO</i>	2.6	12
	<i>NOUNA</i>	6.9	31
	<i>SOLENZO</i>	7.5	34
	<i>TOMA</i>	2.4	11
	<i>MANGA</i>	2.2	10
	<i>OUARGAYE</i>	6.2	28
	<i>TENKODOGO</i>	5.3	24
	<i>ZABRE</i>	0.8	4
	<i>BARSALGHO</i>	1.3	6
	<i>KAYA</i>	13.3	60
	<i>KONGOUSSI</i>	7.8	35

	ZINIARE	4.6	21
	BOUSSE	3.1	14
	GOURCY	6.7	30
	OUAHIGOUYA	15.4	69
	YAKO	3.5	16
	BATIE	2.6	12
	DANO	1.1	5
	DIEBOUGOU	4.5	20
	GAOUA	1.3	6
0-7	Number of health facilities in each intervention arm (Boucle Du Mouhoun)		
	T1	35.7	80
	T4	40.6	91
	Controls	23.7	53
0-8	Number of health facilities in each intervention arm (regions Centre-Est, Centre-Nord, Nord, Sud-Ouest)		
	T1	27.3	240
	T2	26.0	228
	T3	25.5	224
	Controls	21.2	186
		Mean	Std. Err [95% Conf. Interval]
0-9	Average catchment population per health facility	8,520.5	297.8 [7935.1 - 9105.8]
		%	N
0-10	Number of clinical staff included in the providers survey*	100	1,209
	Medical doctors	0.3	3
	Nurses	42.1	509
	Midwives	10.7	129
	Assistant midwives	25.2	305
	Agent Itinérants de santé (AIS)	21.8	263
0-11	Total number of children consultations (under 5 years)	n/a	1,716
0-12	Total number of exit interviews (under 5 years)	n/a	1,711
0-13	Total number of antenatal consultations	n/a	1,237
0-14	Total number of exit interviews antenatal consultations	n/a	1,237
0-15	Total number of exit interviews (5 years and above)	n/a	1,785
0-16	Total number of community health workers included in the survey	n/a	1,102

*All health workers included

2. General characteristics of the household survey

Table 2.1: Households

	Characteristics	%	N
0-17	Number of villages included in the survey	n/a	415
0-18	Number of households included in the survey	n/a	6,224
0-19	Number of households per Region		
	Boucle du Mouhoun	20.2	1,258

	<i>Centre Est</i>	15	931
	<i>Centre Nord</i>	26.7	1,665
	<i>Nord</i>	29.2	1,815
	<i>Sud Ouest</i>	8.9	555
0-20	Number of households per wealth quintile		
	<i>Poorest</i>	20.0	1,245
	<i>Second quintile</i>	20.0	1,245
	<i>Middle quintile</i>	20.0	1,245
	<i>Fourth quintile</i>	20.0	1,244
	<i>Least poor</i>	20.0	1,244
0-21	Average Household size	Mean	Std. Err and [95% Conf. Interval]
		5.3	0.03 [5.287-5.408]

Table 2.2: Individuals

	Characteristics	%	N
0-22	Number of individuals included in the survey	n/a	33,281
0-23	Gender		
	<i>Male</i>	48.3	16,076
	<i>Female</i>	51.7	17,206
0-24	Number of women in reproductive age (15-49) included in the survey	n/a	7,907
0-25	Number of under 5 years children included in the survey	n/a	9,488
0-26	Number of pregnant women or women with a history of pregnancy in the last 24 months included in the survey	n/a	7,872
0-27	Marital status (individuals >15 years)		
	<i>Never married</i>	15.8	2,654
	<i>Married or living together</i>	82.4	13,815
	<i>Divorced/separated/widowed</i>	1.8	303
0-28	Zone of residence		
	<i>Urban</i>	7.0	2,318
	<i>Rural</i>	93.0	30,964
0-29	Education level		
	<i>No formal education</i>	75.8	17,823
	<i>Primary school</i>	20.1	4,737
	<i>Secondary school</i>	4.1	962
	<i>Tertiary education</i>	0.03	6
0-30	Religion		
	<i>No religion</i>	1.0	338
	<i>Catholic</i>	17.5	5,813
	<i>Protestant</i>	3.3	1,097
	<i>Muslim</i>	68.2	22,707
	<i>Spiritualist/Traditional</i>	10.0	3,326

3. Key indicators by district

Districts	0-9: Average catchment population per health facility			0-21: Average household size		
	mean	sd	n	mean	sd	n
BOROMO	6797.5	3383.2	11	4.8	1.9	165
NOUNA	8871.8	4816.4	29	5.0	2.1	449
SOLENZO	9835.3	6727.3	33	5.0	2.2	495
TOMA	5739.2	2728.7	10	5.5	2.4	149
MANGA	9305.1	4433.4	9	6.2	2.8	135
OUARGAYE	11950.3	7630.6	25	5.9	2.6	405
TENKODOGO	9293.0	9525.5	23	6.3	3.3	345
ZABRE	5006.3	3679.0	3	6.5	3.4	46
BARSALGHO	14600.8	6474.8	5	4.4	2.0	75
KAYA	10446.7	5512.7	52	5.1	2.1	795
KONGOUSSI	9887.7	4672.1	31	5.0	2.0	494
ZINIARE	6007.9	5561.1	20	5.4	2.3	300
BOUSSE	4027.3	4478.9	13	5.6	2.6	195
GOURCY	6349.6	4542.6	29	5.9	2.6	435
OUAHIGOUYA	7618.2	6184.2	65	5.2	2.4	960
YAKO	8495.5	4283.2	15	6.1	3.0	225
BATIE	8404.1	5361.2	9	5.0	2.4	135
DANO	7065.3	5623.6	3	5.2	1.8	60
DIEBOUGOU	6792.5	4866.4	19	4.7	1.9	285
GAOUA	5790.0	3379.9	4	5.0	2.6	75
Total	8520.5	6014.3	408	5.3	2.4	6224

WP1: Maternal health indicators

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1. Key Indicators Tables

Background characteristics	1.1: ANC coverage: at least 1 visit		1.2: ANC coverage: at least 4 visits		1.3: Timely ANC (first visit within 4th month)		1.7: Facility-based deliveries		1.9: PNC Coverage (at least 1 visit)		1.12: Contraceptive prevalence rate	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
Urban	100.00	336	49.40	336	67.16	338	90.26	349	60.06	348	14.86	552
Rural	99.98	4,625	45.06	4,625	67.96	4,628	89.85	4,731	56.19	4,723	11.77	7,292
Region												
Boucle du Mouhoun	99.90	1,007	50.15	1,007	66.77	1,008	87.02	1,048	55.30	1,047	13.12	1,471
Centre Est	100.00	713	59.33	713	78.26	713	97.63	716	55.90	712	10.96	1,286
Centre Nord	100.00	1,353	45.16	1,353	79.45	1,353	91.42	1,364	68.45	1,363	15.71	2,069
Nord	100.00	1,448	34.88	1,448	52.00	1,450	90.85	1,476	46.24	1,475	8.10	2,395
Sud Ouest	100.00	440	46.82	440	70.59	442	77.10	476	57.17	474	13.96	623
Age groups												
15-19	100.00	541	46.95	541	67.53	542	91.94	558	61.04	557	7.79	1,066
20-24	100.00	1,372	44.31	1,372	68.17	1,373	90.46	1,405	58.73	1,403	11.80	1,966
25-29	100.00	1,289	44.22	1,289	67.36	1,290	90.29	1,318	55.35	1,317	13.97	1,868
30-34	99.90	960	47.08	960	69.30	961	88.25	987	54.67	986	13.68	1,433
35-39	100.00	527	45.54	527	68.50	527	91.21	535	55.08	532	12.40	871
40-44	100.00	223	45.29	223	64.13	223	83.26	227	50.88	226	10.39	462
45-49	100.00	45	51.11	45	64.44	45	86.96	46	45.65	46	6.78	177
Quintile of economic well being												
Poorest	100.00	955	43.35	955	66.21	956	85.09	999	53.21	996	8.91	1,369
Second quintile	100.00	941	45.16	941	66.74	941	90.22	961	52.97	961	8.82	1,462
Middle quintile	99.90	984	44.72	984	68.02	985	89.49	1,009	59.19	1,007	10.54	1,566
Fourth quintile	100.00	1,005	45.47	1,005	68.92	1,007	91.61	1,025	56.68	1,025	13.06	1,669
Least poor	100.00	1,076	47.77	1,076	69.36	1,077	92.73	1,086	59.80	1,082	17.21	1,778
Study zone*												
Interventions*												
- T1	100.00	1,434	46.30	1,434	66.46	1,434	87.60	1,468	56.52	1,465	13.01	2,245
- T2	100.00	966	44.82	966	71.25	967	90.17	977	57.49	974	12.38	1,624
- T3	100.00	985	43.35	985	68.09	987	91.65	1,006	61.35	1,004	11.58	1,571
- T4	99.74	387	50.65	387	67.27	388	84.31	408	50.12	407	11.36	581
Control	100.00	1,189	44.58	1,189	66.97	1,190	92.79	1,221	53.64	1,221	10.92	1,823
Total*	99.98	4,961	45.35	4,961	67.90	4,966	89.88	5,080	56.46	5,071	11.98	7,844

**The unmet need was computed by calculating the number of currently pregnant women whose current pregnancy was unplanned. This includes both women who would have rather delayed the current pregnancy (unmet need for spacing) or avoided it altogether (unmet need for limiting - not wishing any more children).

Annex III: Indicators: Cross- and balance tables

Background characteristics	1-14: Use of modern family planning methods		1-16 IPT of Malaria*	
Zone of residence	%	N	%	N
<i>Urban</i>	14.16	551	49.55	111
<i>Rural</i>	10.71	7,284	54.49	1,079
Region				
<i>Boucle du Mouhoun</i>	12.72	1,470	60.64	188
<i>Centre Est</i>	9.88	1,285	46.19	236
<i>Centre Nord</i>	13.08	2,065	57.06	347
<i>Nord</i>	7.93	2,395	49.15	293
<i>Sud Ouest</i>	13.55	620	61.90	126
Age groups				
<i>15-19</i>	7.24	1,064	57.08	233
<i>20-24</i>	10.74	1,965	54.31	348
<i>25-29</i>	12.72	1,863	51.90	289
<i>30-34</i>	12.70	1,433	49.72	181
<i>35-39</i>	11.02	871	57.45	94
<i>40-44</i>	9.76	461	73.68	19
<i>45-49</i>	5.65	177	100.00	1
Quintile of economic well being				
<i>Poorest</i>	7.97	1,367	53.23	248
<i>Second quintile</i>	7.80	1,461	51.49	235
<i>Middle quintile</i>	9.21	1,564	57.51	233
<i>Fourth quintile</i>	11.94	1,667	57.56	238
<i>Least poor</i>	16.44	1,776	50.42	236
Health facility level				
<i>Primary</i>	-	-	54.12	1,177
<i>Private</i>	-	-	46.15	13
Study zone*				
<i>Interventions*</i>				
- <i>T1</i>	11.83	2,241	53.33	375
- <i>T2</i>	11.08	1,624	56.57	297
- <i>T3</i>	10.39	1,569	52.29	262
- <i>T4</i>	11.19	581	63.64	88
<i>Control</i>	10.16	1,820	48.81	168
Total*	10.95	7,835	54.03	1,190

*used F3-F5 because variable for IPT not found in C2

2. Cross table of all indicators

Table 2.1: Antenatal care

Background characteristics	1.1: ANC coverage: at least 1 visit		1.2: ANC coverage: at least 4 visits		1.3: Timely ANC (first visit within 4th month)		1.4: HIV Test after counseling during pregnancy		1.5: Tetanus coverage: at least 2 doses during pregnancy		1.6: 90 days iron supplements during pregnancy	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
Urban	100.00	336	49.40	336	67.16	338	63.84	354	59.60	354	59.94	327
Rural	99.98	4,625	45.06	4,625	67.96	4,628	53.52	4,766	61.12	4,766	55.30	4,452
Region												
Boucle du Mouhoun	99.90	1,007	50.15	1,007	66.77	1,008	52.56	1,054	66.70	1,054	46.73	933
Centre Est	100.00	713	59.33	713	78.26	713	46.38	718	77.99	718	58.88	698
Centre Nord	100.00	1,353	45.16	1,353	79.45	1,353	57.88	1,377	45.03	1,377	62.41	1,309
Nord	100.00	1,448	34.88	1,448	52.00	1,450	59.91	1,489	61.65	1,489	54.39	1,423
Sud Ouest	100.00	440	46.82	440	70.59	442	41.70	482	67.01	482	52.88	416
Age groups												
15-19	100.00	541	46.95	541	67.53	542	54.53	563	75.13	563	51.06	517
20-24	100.00	1,372	44.31	1,372	68.17	1,373	52.75	1,416	64.69	1,416	55.63	1,323
25-29	100.00	1,289	44.22	1,289	67.36	1,290	54.26	1,327	56.59	1,327	55.62	1,237
30-34	99.90	960	47.08	960	69.30	961	55.30	991	57.42	991	56.40	929
35-39	100.00	527	45.54	527	68.50	527	55.37	540	57.04	540	54.49	512
40-44	100.00	223	45.29	223	64.13	223	54.98	231	54.98	231	64.79	213
45-49	100.00	45	51.11	45	64.44	45	52.08	48	56.25	48	62.22	45
Quintile of economic well being												
Poorest	100.00	955	43.35	955	66.21	956	48.16	1,003	58.72	1,003	49.39	897
Second quintile	100.00	941	45.16	941	66.74	941	55.12	967	59.46	967	51.54	912
Middle quintile	99.90	984	44.72	984	68.02	985	53.11	1,013	62.29	1,013	55.16	959
Fourth quintile	100.00	1,005	45.47	1,005	68.92	1,007	55.04	1,032	60.47	1,032	58.39	971
Least poor	100.00	1,076	47.77	1,076	69.36	1,077	59.28	1,105	63.80	1,105	62.40	1,040
Study zone*												
Interventions*												
- T1	100.00	1,434	46.30	1,434	66.46	1,434	55.53	1,482	61.27	1,482	54.30	1,383
- T2	100.00	966	44.82	966	71.25	967	52.98	989	63.30	989	57.51	939
- T3	100.00	985	43.35	985	68.09	987	53.40	1,015	54.38	1,015	55.57	970
- T4	99.74	387	50.65	387	67.27	388	61.61	409	64.30	409	38.19	343
Control	100.00	1,189	44.58	1,189	66.97	1,190	51.92	1,225	63.27	1,225	60.93	1,144
Total*	99.98	4,961	45.35	4,961	67.90	4,966	54.24	5,120	61.02	5,120	55.62	4,779

Table 2.2: Delivery and post natal care

Background characteristics	1.7: Facility-based deliveries		1.8: C-Section rate		1.9: PNC Coverage (at least 1 visit)		1.10: PNC Coverage : at least 3 visits		1-11: Timely PNC: 1 st visit within 6 days of birth	
Zone of residence	%	N	%	N	%	N	%	N	%	N
Urban	90.26	349	0.57	348	60.06	348	7.76	348	14.66	348
Rural	89.85	4,731	0.93	4,731	56.19	4,723	5.67	4,723	11.07	4,723
Region										
Boucle du Mouhoun	87.02	1,048	0.86	1,047	55.30	1,047	8.98	1,047	14.90	1,047
Centre Est	97.63	716	1.26	716	55.90	712	7.16	712	7.02	712
Centre Nord	91.42	1,364	0.88	1,364	68.45	1,363	5.58	1,363	11.74	1,363
Nord	90.85	1,476	0.68	1,476	46.24	1,475	1.36	1,475	4.47	1,475
Sud Ouest	77.10	476	1.26	476	57.17	474	11.39	474	29.96	474
Age groups										
15-19	91.94	558	1.97	558	61.04	557	7.54	557	12.93	557
20-24	90.46	1,405	0.93	1,405	58.73	1,403	5.49	1,403	11.26	1,403
25-29	90.29	1,318	0.53	1,318	55.35	1,317	5.24	1,317	10.71	1,317
30-34	88.25	987	0.71	987	54.67	986	6.59	986	12.37	986
35-39	91.21	535	0.56	534	55.08	532	5.26	532	10.90	532
40-44	83.26	227	1.32	227	50.88	226	5.31	226	7.96	226
45-49	86.96	46	4.35	46	45.65	46	4.35	46	10.87	46
Quintile of economic well being										
Poorest	85.09	999	0.90	999	53.21	996	5.42	996	13.86	996
Second quintile	90.22	961	0.83	961	52.97	961	6.14	961	10.93	961
Middle quintile	89.49	1,009	0.59	1,009	59.19	1,007	5.36	1,007	9.93	1,007
Fourth quintile	91.61	1,025	0.68	1,025	56.68	1,025	6.34	1,025	9.95	1,025
Least poor	92.73	1,086	1.47	1,085	59.80	1,082	5.82	1,082	11.92	1,082
Study zone*										
Interventions										
- T1	87.60	1,468	0.82	1,468	56.52	1,465	5.46	1,465	10.44	1,465
- T2	90.17	977	1.13	977	57.49	974	6.16	974	9.86	974
- T3	91.65	1,006	1.09	1,006	61.35	1,004	5.08	1,004	12.85	1,004
- T4	84.31	408	0.98	407	50.12	407	2.95	407	7.37	407
Control	92.79	1,221	0.66	1,221	53.64	1,221	7.53	1,221	13.60	1,221
Total*	89.88	5,080	0.91	5,079	56.46	5,071	5.82	5,071	11.32	5,071

Table 2.3: Family planning

Background characteristics	1-12: Contraceptive prevalence rate		1-13: Unmet need for family planning**		1-14: Use of modern family planning methods		1-15: Health providers as source of information on family planning	
Zone of residence	%	N	%	N	%	N	%	N
<i>Urban</i>	14.86	552	17.65	68	14.16	551	60.69	552
<i>Rural</i>	11.77	7,292	18.35	970	10.71	7,284	57.72	7,292
Region								
<i>Boucle du Mouhoun</i>	13.12	1,471	18.36	207	12.72	1,470	68.66	1,471
<i>Centre Est</i>	10.96	1,286	17.36	144	9.88	1,285	57.54	1,286
<i>Centre Nord</i>	15.71	2,069	15.09	338	13.08	2,065	55.44	2,069
<i>Nord</i>	8.10	2,395	20.81	298	7.93	2,395	59.79	2,395
<i>Sud Ouest</i>	13.96	623	27.45	51	13.55	620	34.51	623
Age groups								
<i>15-19</i>	7.79	1,066	18.56	167	7.24	1,064	49.06	1,066
<i>20-24</i>	11.80	1,966	17.58	273	10.74	1,965	60.33	1,966
<i>25-29</i>	13.97	1,868	17.74	248	12.72	1,863	60.92	1,868
<i>30-34</i>	13.68	1,433	17.80	191	12.70	1,433	58.83	1,433
<i>35-39</i>	12.40	871	19.44	108	11.02	871	60.16	871
<i>40-44</i>	10.39	462	19.05	42	9.76	461	50.87	462
<i>45-49</i>	6.78	177	44.44	9	5.65	177	53.11	177
Quintile of economic well being								
<i>Poorest</i>	8.91	1,369	16.29	178	7.97	1,367	51.72	1,369
<i>Second quintile</i>	8.82	1,462	19.56	225	7.80	1,461	57.66	1,462
<i>Middle quintile</i>	10.54	1,566	22.28	202	9.21	1,564	59.00	1,566
<i>Fourth quintile</i>	13.06	1,669	12.68	213	11.94	1,667	58.78	1,669
<i>Least poor</i>	17.21	1,778	20.45	220	16.44	1,776	61.19	1,778
Study zone*								
<i>Interventions</i>								
- <i>T1</i>	13.01	2,245	18.01	261	11.83	2,241	60.58	2,245
- <i>T2</i>	12.38	1,624	23.22	211	11.08	1,624	54.31	1,624
- <i>T3</i>	11.58	1,571	13.51	185	10.39	1,569	51.75	1,571
- <i>T4</i>	11.36	581	15.28	72	11.19	581	77.97	581
<i>Control</i>	10.92	1,823	18.77	309	10.16	1,820	56.83	1,823
Total*	11.98	7,844	18.30	1,038	10.95	7,835	57.93	7,844

**The unmet need was computed by calculating the number of currently pregnant women whose current pregnancy was unplanned. This includes both women who would have rather delayed the current pregnancy (unmet need for spacing) or avoided it altogether (unmet need for limiting - not wishing any more children).

Table 2.4: Antenatal care

Background characteristics	1-16 IPT of Malaria*	
Zone of residence	%	N
<i>Urban</i>	49.55	111
<i>Rural</i>	54.49	1,079
Region		
<i>Boucle du Mouhoun</i>	60.64	188
<i>Centre Est</i>	46.19	236
<i>Centre Nord</i>	57.06	347
<i>Nord</i>	49.15	293
<i>Sud Ouest</i>	61.90	126
Age groups		
<i>15-19</i>	57.08	233
<i>20-24</i>	54.31	348
<i>25-29</i>	51.90	289
<i>30-34</i>	49.72	181
<i>35-39</i>	57.45	94
<i>40-44</i>	73.68	19
<i>45-49</i>	100.00	1
Quintile of economic well being		
<i>Poorest</i>	53.23	248
<i>Second quintile</i>	51.49	235
<i>Middle quintile</i>	57.51	233
<i>Fourth quintile</i>	57.56	238
<i>Least poor</i>	50.42	236
Health facility level		
<i>Primary</i>	54.12	1,177
<i>Private</i>	46.15	13
Study zone*		
<i>Interventions*</i>		
- <i>T1</i>	53.33	375
- <i>T2</i>	56.57	297
- <i>T3</i>	52.29	262
- <i>T4</i>	63.64	88
<i>Control</i>	48.81	168
Total*	54.03	1,190

*used F3-F5 because variable for IPT not found in C2

3. Balance table (all regions)

Indicators	Mean							t-test*	F-test**	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C	p-value	p-value	T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
1.1: ANC coverage: at least 1 visit	1.000	1.000	1.000	1.000	1.000	0.997	1.000	0.317	0.033	1.000	1.000	0.034	1.000	0.050	0.049
1.2: ANC coverage: at least 4+ visits	0.454	0.456	0.463	0.448	0.434	0.506	0.446	0.207	0.090	1.000	0.911	0.768	1.000	0.312	0.088
1.3: Timely ANC (within 4 months)	0.679	0.682	0.665	0.713	0.681	0.673	0.670	0.108	0.097	0.080	1.000	1.000	0.798	0.928	1.000
1.4: HIV Test after counseling during pregnancy	0.542	0.550	0.555	0.530	0.534	0.616	0.519	0.000	0.018	1.000	1.000	0.172	1.000	0.019	0.029
1.5: Tetanus: at least 2 doses during pregnancy	0.610	0.603	0.613	0.633	0.544	0.643	0.633	0.000	0.000	1.000	0.003	1.000	0.000	1.000	0.003
1.6: 90 days iron sup. in pregnancy	0.556	0.539	0.543	0.575	0.556	0.382	0.609	0.000	0.000	0.759	1.000	0.000	1.000	0.000	0.000
1.7: Facility-based deliveries	0.899	0.890	0.876	0.902	0.917	0.843	0.928	0.000	0.000	0.279	0.009	0.362	1.000	0.009	0.000
1.8: C-Section rate	0.009	0.010	0.008	0.011	0.011	0.010	0.007	0.038	0.863	1.000	1.000	1.000	1.000	1.000	1.000
1.9: PNC Coverage	0.565	0.574	0.565	0.575	0.614	0.501	0.536	0.000	0.001	1.000	0.101	0.125	0.494	0.069	0.001
1.10: PNC Coverage : (at least 3+ visits)	0.058	0.053	0.055	0.062	0.051	0.029	0.075	0.000	0.106	1.000	1.000	0.269	1.000	0.089	0.628
1.11: Timely PNC for mothers within 48 hours	0.113	0.106	0.104	0.099	0.128	0.074	0.136	0.000	0.015	1.000	0.338	0.448	0.183	1.000	0.015
1.12: Contraceptive prevalence rate	0.120	0.123	0.130	0.124	0.116	0.114	0.109	0.001	0.519	1.000	1.000	1.000	1.000	1.000	1.000
1.13: Unmet need for FP (pregnant women)	0.183	0.181	0.180	0.232	0.135	0.153	0.188	0.642	0.080	0.859	1.000	1.000	0.074	0.782	1.000
1.14: Use of modern family planning methods	0.110	0.112	0.118	0.111	0.104	0.112	0.102	0.012	0.585	1.000	0.999	1.000	1.000	1.000	1.000
1.15: Source of FP information (health facility)	0.579	0.583	0.606	0.543	0.518	0.780	0.568	0.024	0.000	0.000	0.000	0.000	0.828	0.000	0.000
1.16: IPT of malaria in pregnancy	0.539	0.549	0.533	0.566	0.523	0.636	0.482	0.000	0.248	1.000	1.000	0.484	1.000	1.000	0.387

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

4. Balance table: Boucle Du Mouhoun

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
1.1: ANC coverage: at least 1 visit	0.999	0.999	1.000	0.997	1.000	0.318	0.341	0.341
1.2: ANC coverage: at least 4+ visits	0.501	0.505	0.504	0.506	0.491	0.425	0.953	0.953
1.3: Timely ANC (within 4 months)	0.668	0.652	0.630	0.673	0.710	0.001	0.220	0.220
1.4: HIV Test after counseling during pregnancy	0.526	0.619	0.622	0.616	0.268	0.000	0.869	0.869
1.5: Tetanus: at least 2 doses during pregnancy	0.667	0.660	0.679	0.643	0.686	0.135	0.286	0.286
1.6: 90 days iron sup. in pregnancy	0.467	0.407	0.433	0.382	0.621	0.000	0.184	0.184
1.7: Facility-based deliveries	0.870	0.864	0.887	0.843	0.888	0.050	0.076	0.076
1.8: C-Section rate	0.009	0.008	0.006	0.010	0.011	0.338	0.497	0.497
1.9: PNC Coverage	0.553	0.504	0.507	0.501	0.690	0.000	0.876	0.876
1.10: PNC Coverage : (at least 3+ visits)	0.090	0.036	0.044	0.029	0.238	0.000	0.281	0.281
1.11: Timely PNC for mothers within 48 hours	0.149	0.070	0.066	0.074	0.368	0.000	0.681	0.681
1.12: Contraceptive prevalence rate	0.131	0.127	0.142	0.114	0.143	0.110	0.154	0.154
1.13: Unmet need for FP (pregnant women)	0.184	0.168	0.185	0.153	0.214	0.150	0.622	0.622
1.14: Use of modern family planning methods	0.127	0.125	0.140	0.112	0.133	0.456	0.154	0.154
1.15: Source of FP information (health facility)	0.687	0.758	0.735	0.780	0.473	0.000	0.081	0.081
1.16: IPT of malaria in pregnancy	0.606	0.608	0.567	0.636	0.600	0.841	0.397	0.397

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

5. Balance table: Regions Centre Est, Centre Nord, Nord, and Sud-Ouest

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
1.1: ANC coverage: at least 1 visit	0.441	0.444	0.450	0.448	0.434	0.433	0.208	0.722	1.000	1.000	1.000
1.2: ANC coverage: at least 4+ visits	0.682	0.689	0.676	0.713	0.681	0.658	0.000	0.160	0.222	1.000	0.392
1.3: Timely ANC (within 4 months)	0.547	0.533	0.534	0.530	0.534	0.594	0.000	0.979	1.000	1.000	1.000
1-4: HIV Test after counseling during pregnancy	0.595	0.589	0.591	0.633	0.544	0.617	0.001	0.000	0.149	0.082	0.000
1.5: Tetanus: at least 2 doses during pregnancy	0.578	0.569	0.577	0.575	0.556	0.606	0.000	0.570	1.000	0.991	1.000
1.6: 90 days iron sup. in pregnancy	0.906	0.896	0.872	0.902	0.917	0.940	0.000	0.003	0.085	0.003	0.843
1.7: Facility-based deliveries	0.009	0.010	0.009	0.011	0.011	0.005	0.005	0.863	1.000	1.000	1.000
1.8: C-Section rate	0.568	0.591	0.584	0.575	0.614	0.492	0.000	0.188	1.000	0.523	0.243
1.9: PNC Coverage	0.050	0.057	0.058	0.062	0.051	0.028	0.000	0.569	1.000	1.000	0.899
1.10: PNC Coverage : (at least 3+ visits)	0.104	0.115	0.117	0.099	0.128	0.068	0.000	0.109	0.562	1.000	0.111
1.11: Timely PNC for mothers within 48 hours	0.441	0.444	0.450	0.448	0.434	0.433	0.208	0.722	1.000	1.000	1.000
1.12: Contraceptive prevalence rate	0.117	0.122	0.126	0.124	0.116	0.100	0.000	0.635	1.000	1.000	1.000
1.13: Unmet need for FP (pregnant women)	0.183	0.184	0.179	0.232	0.135	0.180	0.792	0.044	0.487	0.820	0.039
1.14: Use of modern family planning methods	0.105	0.109	0.112	0.111	0.104	0.094	0.001	0.743	1.000	1.000	1.000
1.15: Source of FP information (health facility)	0.555	0.543	0.567	0.543	0.518	0.593	0.000	0.017	0.498	0.013	0.439
1.16: IPT of malaria in pregnancy	0.527	0.539	0.527	0.566	0.523	0.445	0.000	0.522	1.000	1.000	0.937

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

6. Key indicators by district

Districts	1-1: Number of women with at least one ANC visit		1-2: Number of women with at least four ANC visits		1-3: Number of women with first ANC within fourth month of pregnancy		1-7: Number of deliveries taking place in a Health Facility		1-9: Total number of PNC among women with a delivery in the previous 24 months	
	%	n	%	n	%	n	%	n	%	n
BOROMO	100.0	138	50.7	138	73.9	138	89.5	143	67.8	143
NOUNA	100.0	355	52.1	355	70.1	355	87.8	369	54.7	369
SOLENZO	100.0	383	49.1	383	60.7	384	85.1	402	46.4	401
TOMA	100.0	131	47.3	131	67.9	131	88.1	134	70.1	134
MANGA	100.0	110	45.5	110	78.2	110	96.4	110	50.9	110
OUARGAYE	100.0	301	56.5	301	75.1	301	96.7	300	59.5	296
TENKODOGO	100.0	264	67.8	264	79.9	264	99.3	268	55.2	268
ZABRE	100.0	38	63.2	38	92.1	38	97.4	38	47.4	38
BARSALGHO	100.0	58	34.5	58	75.9	58	91.5	59	61.0	59
KAYA	100.0	627	43.4	627	76.4	627	86.0	634	69.2	634
KONGOSSI	100.0	417	40.0	417	83.0	417	94.5	420	76.4	419
ZINIARE	100.0	250	60.8	250	82.4	250	100	250	54.8	250
BOUSSE	100.0	160	38.8	160	55.6	160	96.3	162	43.8	162
GOURCY	100.0	373	40.2	373	66.0	373	95.8	377	52.8	377
OUAHIGOYA	100.0	717	35.0	717	48.1	718	86.1	734	45.0	733
YAKO	100.0	198	21.2	198	37.2	199	94.6	203	40.4	203
BATIE	100.0	104	51.9	104	84.9	106	71.8	110	48.1	108
DANO	100.0	53	43.4	53	73.6	53	89.1	55	67.3	55
DIEBOUGOU	100.0	230	44.8	230	64.8	230	80.3	244	63.5	244
GAOUA	100.0	53	49.1	53	64.2	53	64.2	67	40.3	67
Total	100.0	4961	45.4	4961	67.9	4966	89.9	5080	56.5	5071

Key indicators by district (continued)

Districts	1-12: Number of women reporting use of modern and traditional contraceptive method		1-14: Number of women of reproductive age (15-49 years) using one modern FP method		1-16: Number of women with completed pregnancy in previous 24 months who received at least 1 dose of malaria IPT	
	%	n	%	n	%	n
BOROMO	16.9	189	16.9	189	48.1	27
NOUNA	9.9	506	9.5	506	65.0	80
SOLENZO	15.1	595	15.1	595	55.9	68
TOMA	11.6	181	9.4	180	84.6	13
MANGA	8.1	185	7.6	185	40.9	22
OUARGAYE	16.5	546	14.3	545	41.7	127
TENKODOGO	4.7	485	4.7	485	57.3	82
ZABRE	18.6	70	17.1	70	0.0	5
BARSALGHO	8.4	83	4.8	83	33.3	3
KAYA	13.0	1003	9.0	1000	61.0	154
KONGOSSI	19.2	616	17.9	616	58.6	152
ZINIARE	18.9	366	18.0	366	36.8	38
BOUSSE	3.2	273	3.2	273	33.3	6
GOURCY	9.5	582	8.8	582	65.4	78
OUAHIGOUYA	9.7	1216	9.7	1216	39.0	182
YAKO	3.7	324	3.7	324	74.1	27
BATIE	13.3	158	13.3	158	51.3	39
DANO	12.7	63	12.7	63	0.0	2
DIEBOUGOU	14.7	313	14.1	311	76.7	60
GAOUA	13.5	89	12.5	88	48.0	25
Total	12.0	7844	11.0	7835	54.0	1190

WP2: Quality of Maternal and child health services

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1. Key indicators tables

Background characteristics	2.1: Proportion of facilities with availability of any source of electricity		2.2: Proportion of facilities with availability of any source of water supply		2.13B: Proportion of facilities with amoxicillin (tablet, capsule) stockout in past 30 days		2.14B: Proportion of facilities with cotrimoxazole (tablet) stockout in past 30 days		2.28: Proportion of all ANC cases receiving iron and folate supplementat ion		2.29: Proportion of primigravid women receiving tetanus prophylaxis first and second visit ANC cases		2.31: Proportion of all ANC cases receiving counselling on nutrition/ diet during pregnancy	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	96.5	57	93.0	57	0.0	44	0.0	43	88.5	139	63.3	30	7.2	138
Rural	84.6	390	89.9	386	4.4	320	4.4	321	91.0	1,089	80.4	143	10.6	1,092
Level of health facility														
Primary	85.1	415	89.8	411	4.1	342	4.1	340	91.1	1,187	77.9	163	10.1	1,189
Secondary	100.0	20	95.0	20	0.0	15	0.0	16	81.5	27	50.0	6	0.0	27
Private	100.0	12	100.0	12	0.0	7	0.0	8	78.6	14	100.0	4	42.9	14
Region														
Boucle du Mouhoun	88.6	88	97.7	88	2.4	84	3.5	85	92.9	198	70.0	20	2.5	198
Centre Est	69.7	66	96.9	65	3.2	31	6.3	32	85.1	241	84.6	39	17.8	241
Centre Nord	94.3	122	89.3	122	5.2	115	4.3	115	89.3	365	85.7	49	4.1	365
Nord	86.7	128	80.0	125	5.0	101	4.0	99	92.1	291	68.2	44	17.7	294
Sud Ouest	81.4	43	97.7	43	0.0	33	0.0	33	98.5	133	71.4	21	8.3	132
Total	86.1	447	90.3	443	3.8	364	3.8	364	90.7	1,228	77.5	173	10.2	1,230
Study zone*														
Interventions														
- T1	88.0	125	91.1	124	3.0	101	5.0	101	94.5	383	82.7	52	12.5	384
- T2	85.4	89	86.5	89	5.9	68	9.1	66	89.0	299	79.2	48	12.8	298
- T3	84.5	84	86.9	84	6.0	67	3.0	66	90.0	261	76.3	38	9.1	263
- T4	82.4	34	97.1	34	0.0	34	0.0	34	85.7	91	55.6	9	2.2	91
Control	84.2	95	92.4	92	3.8	79	1.2	81	90.4	167	80.0	20	8.4	167
Total*	85.5	427	90.1	423	4.0	349	4.0	348	90.9	1,201	78.4	167	10.5	1,203

*Hospitals (CHR/CMA excluded)

Background characteristics	2.32: Proportion of all ANC cases receiving counselling on pregnancy danger signs		2.35: Proportion of all ANC cases receiving counselling on use of SBA during delivery		2.40: Proportion of all ANC cases undergoing BP screening		2.63B: Proportion of facilities with Oxytocin stockout in past 30 days		2.68: Proportion of facilities with availability of functional BP machine	
Zone of residence	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	37.4	139	23.7	139	89.8	137	00.0	31	100.0	50
<i>Rural</i>	47.7	1,089	27.1	1,091	89.9	1,093	0.8	237	97.6	372
Level of health facility										
<i>Primary</i>	47.0	1,187	26.3	1,189	90.3	1,189	0.8	256	97.7	393
<i>Secondary</i>	25.9	27	40.7	27	84.6	26	0.0	11	100.0	17
<i>Private</i>	42.9	14	35.7	14	66.7	15	0.0	100	100.0	12
Region										
<i>Boucle du Mouhoun</i>	30.8	198	11.6	198	95.4	197	0.0	79	95.2	83
<i>Centre Est</i>	85.0	240	68.5	241	95.0	241	0.0	6	100.0	66
<i>Centre Nord</i>	42.4	363	11.2	365	79.7	364	1.0	96	95.5	112
<i>Nord</i>	36.7	294	23.9	293	92.9	295	1.5	67	100.0	124
<i>Sud Ouest</i>	33.1	133	22.6	133	94.0	133	0.0	20	100.0	37
Total	46.5	1,228	26.7	1,230	89.9	1,230	0.7	268	97.9	422
Study zone*										
<i>Interventions</i>										
- <i>T1</i>	53.4	384	23.5	383	94.3	385	1.4	70	95.8	118
- <i>T2</i>	50.8	297	31.1	299	84.8	296	0.0	42	100.0	84
- <i>T3</i>	45.8	262	31.2	263	83.8	265	2.4	42	97.5	79
- <i>T4</i>	34.1	91	4.4	91	98.6	91	0.0	34	93.9	33
<i>Control</i>	34.1	167	29.3	167	96.4	167	0.0	69	100.0	91
Total*	47.0	1,201	26.4	1,203	90.0	1,204	0.8	257	97.8	405

*Hospitals (CHR/CMA excluded)

2. Cross tables all indicators

Table 2.1: Basic amenities and general equipment

Background characteristics	2.1: Proportion of facilities with availability of any source of electricity		2.2: Proportion of facilities with availability of any source of water supply		2.3: Proportion of facilities with availability of functioning toilets/ washrooms		2.4: Proportion of facilities with availability of functioning hand washing unit (water and soap)		2.5: Proportion of facilities with availability of separate toilets / washrooms for men and women		2.6: Proportion of facilities with availability of patient waiting area		2.7: Proportion of facilities with a radio available for tele-communication		2.8: Proportion of facilities with a telephone available for tele-communication	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	96.5	57	93.0	57	96.4	55	78.2	55	21.8	55	34.5	55	11.12	54	94.6	56
Rural	84.6	390	89.9	386	97.1	383	58.5	390	14.7	382	41.0	385	1.6	385	98.5	390
Level of health facility																
Primary	85.1	415	89.8	411	97.3	406	58.7	414	14.6	405	40.0	408	2.0	409	98.1	415
Secondary	100.0	20	95.0	20	95.0	20	89.5	19	30.0	20	45.0	20	20.0	20	100.0	20
Private	100.0	12	100.0	12	91.7	12	91.7	12	25.0	12	41.7	12	0.0	10	90.9	11
Region																
Boucle du Mouhoun	88.6	88	97.7	88	100.0	87	72.7	88	25.3	87	13.8	87	7.0	86	100.0	87
Centre Est	69.7	66	96.9	65	93.9	66	32.3	65	1.5	66	92.4	66	1.5	65	100.0	66
Centre Nord	94.3	122	89.3	122	96.7	122	64.8	122	18.9	122	32.8	122	2.5	119	97.5	122
Nord	86.7	128	80.0	125	96.8	126	64.6	127	8.7	126	37.5	128	1.6	127	98.4	128
Sud Ouest	81.4	43	97.7	43	97.3	37	58.1	43	30.6	36	43.2	37	0.0	42	90.7	43
Total	86.1	447	90.3	443	97.0	438	60.9	445	15.6	437	40.2	440	2.7	439	98.0	446
Study zone*																
Interventions																
- T1	88.0	125	91.1	124	95.9	122	68.5	124	14.0	121	36.1	122	0.0	123	99.2	125
- T2	85.4	89	86.5	89	96.6	87	53.4	88	13.8	87	52.3	88	0.0	86	97.7	88
- T3	84.5	84	86.9	84	98.8	82	55.3	85	14.6	82	45.1	82	3.6	83	94.1	85
- T4	82.4	34	97.1	34	100.0	34	73.5	34	32.4	34	8.8	34	6.1	33	100.0	33
Control	84.2	95	92.4	92	96.8	93	52.6	95	10.8	93	40.4	94	3.2	94	98.9	95
Total*	85.5	427	90.1	423	97.1	418	59.6	426	14.9	417	40.0	420	1.9	419	97.9	426

*Hospitals (CHR/CMA excluded)

Table 2.1: Basic amenities and general equipement (cont.)

Background characteristics	2.9: Proportion of facilities with availability of sterile examination gloves in consultation room		2.10: Proportion of facilities with availability of non-sterile gloves in consultation room		2.11: Proportion of facilities with availability of hand soap or sanitizer in consultation room		2.12A: Proportion of facilities with at least one unit of paracetamol (tablet)		2.12B: Proportion of facilities with paracetamol (tablet) stockout in past 30 days		2.13A: Proportion of facilities with at least one unit of amoxicillin (tablet, capsule)		2.13B: Proportion of facilities with amoxicillin (tablet, capsule) stockout in past 30 days		2.14A: Proportion of facilities with at least one unit of cotrimoxazole (tablet)	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	71.7	46	72.3	47	95.7	46	100.0	47	2.3	44	100.0	47	0.0	44	100.0	46
Rural	80.9	383	86.0	379	80.8	381	99.4	342	1.5	326	94.8	343	4.4	320	95.6	344
Level of health facility																
Primary	80.0	406	85.4	403	81.7	404	99.5	365	1.7	346	95.6	366	4.1	342	95.9	366
Secondary	75.0	20	70.0	20	95.0	20	100.0	16	0.0	16	93.8	16	0.0	15	100.0	16
Private	100.0	3	66.7	3	100.0	3	100.0	8	0.0	8	87.5	8	0.0	7	100.0	8
Region																
Boucle du Mouhoun	92.0	88	95.3	85	81.8	88	98.8	86	2.3	86	95.3	86	2.4	84	95.3	85
Centre Est	87.9	66	90.9	66	81.5	65	100.0	33	0.0	32	93.9	33	3.2	31	93.9	33
Centre Nord	84.1	113	88.5	113	91.2	113	99.2	118	0.8	118	93.2	117	5.2	115	93.3	119
Nord	76.0	125	84.0	125	75.0	124	100.0	118	2.0	100	97.5	119	5.0	101	99.2	119
Sud Ouest	37.8	37	37.8	37	83.8	37	100.0	34	2.9	34	97.1	35	0.0	33	100.0	34
Total	80.0	429	84.5	426	82.4	427	99.5	389	1.6	370	95.4	390	3.8	364	96.2	390
Study zone*																
Interventions																
- T1	77.3	119	83.1	118	79.8	119	100.0	112	1.0	103	95.5	112	3.0	101	93.7	111
- T2	76.2	84	85.7	84	81.9	83	100.0	71	2.9	68	95.9	73	5.9	68	93.2	73
- T3	79.7	79	81.3	80	79.5	78	98.7	75	1.5	67	97.3	74	6.0	67	97.3	75
- T4	88.2	34	96.9	32	70.6	34	100.0	34	2.9	34	100.0	34	0.0	34	100.0	33
Control	84.9	93	87.0	92	90.3	93	98.8	81	1.2	82	91.4	81	3.8	79	98.8	82
Total*	80.2	409	85.2	406	81.8	407	99.5	373	1.7	354	95.5	374	4.0	349	96.0	374

*Hospitals (CHR/CMA excluded)

Table 2.1: Basic amenities and general equipment (cont.)

Background characteristics	2.14B: Proportion of facilities with cotrimoxazole (tablet) stockout in past 30 days		2.15A: Proportion of facilities with at least one unit of quinine (tablet)		2.15B: Proportion of facilities with quinine (tablet) stockout in past 30 days		2.16A: Proportion of facilities with at least one unit of quinine (injectable)		2.16A: Proportion of facilities with quinine (injectable) stockout in past 30 days		2.17A: Proportion of facilities with at least one unit of artemisinin combination (tablet)		2.17B: Proportion of facilities with artemisinin combination (tablet) stockout in past 30 days	
	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Zone of residence														
<i>Urban</i>	0.0	43	95.6	45	5.0	40	100.0	44	0.0	39	100.0	44	0.0	40
<i>Rural</i>	4.4	321	96.8	345	3.5	316	98.8	345	1.3	319	98.3	343	0.3	315
Level of health facility														
<i>Primary</i>	4.1	340	96.7	367	3.6	333	98.9	366	1.2	335	98.4	364	0.3	332
<i>Secondary</i>	0.0	16	100.0	15	0.0	15	100.0	15	0.0	15	100.0	15	0.0	15
<i>Private</i>	0.0	8	87.5	8	12.5	8	100.0	8	0.0	8	100.0	8	0.0	8
Region														
<i>Boucle du Mouhoun</i>	3.5	85	95.3	86	3.6	83	100.0	86	0.0	86	100.0	86	0.0	86
<i>Centre Est</i>	6.3	32	90.9	33	9.7	31	100.0	33	0.0	32	97.0	33	0.0	31
<i>Centre Nord</i>	4.3	115	96.6	119	2.6	116	98.3	119	0.9	117	95.8	119	0.0	113
<i>Nord</i>	4.0	99	98.3	119	3.1	97	99.2	118	1.0	96	100.0	119	0.0	99
<i>Sud Ouest</i>	0.0	33	100.0	33	3.4	29	97.0	33	7.4	27	100.0	30	3.8	26
Total	3.8	364	96.7	390	3.7	356	99.0	389	1.1	358	98.4	387	0.3	355
Study zone*														
<i>Interventions</i>														
- T1	5.0	101	94.6	111	5.1	99	100.0	111	0.0	101	99.1	110	0.0	101
- T2	9.1	66	98.6	73	4.6	65	97.3	73	4.8	63	97.2	72	1.6	62
- T3	3.0	66	96.0	75	4.7	64	98.6	74	1.6	64	100.0	75	0.0	65
- T4	0.0	34	100.0	34	5.9	34	100.0	34	0.0	34	100.0	34	0.0	34
<i>Control</i>	1.2	81	96.3	82	0.0	79	98.8	82	0.0	81	96.3	81	0.0	78
Total*	4.0	348	96.5	375	3.8	341	98.9	374	1.2	343	98.4	372	0.3	340

*Hospitals (CHR/CMA excluded)

Table 2.1: Basic amenities and general equipment (cont.)

Background characteristics	2.18A: Proportion of facilities with at least one unit of artemisinin combination (syrup)		2.19A: Proportion of facilities with at least one unit of sulfadoxin pyrimethamine		2.20A: Proportion of facilities with at least one unit of rifampicin		2.21A: Proportion of facilities with at least one unit of streptomycin	
	%	N	%	N	%	N	%	N
Zone of residence								
<i>Urban</i>	32.4	37	44.4	36	35.5	31	25.8	31
<i>Rural</i>	21.7	235	45.6	263	27.5	229	8.4	214
Level of health facility								
<i>Primary</i>	23.3	253	46.0	278	28.0	243	8.8	228
<i>Secondary</i>	7.7	13	38.5	13	54.5	11	54.5	11
<i>Private</i>	50.0	6	37.5	8	0.0	6	0.0	6
Region								
<i>Boucle du Mouhoun</i>	4.7	86	78.8	85	32.9	82	12.2	82
<i>Centre Est</i>	0.0	31	9.4	32	0.0	31	0.0	31
<i>Centre Nord</i>	50.6	81	25.8	93	38.0	92	13.9	79
<i>Nord</i>	30.8	52	59.4	69	20.6	34	6.3	32
<i>Sud Ouest</i>	9.1	22	5.0	20	23.8	21	14.3	21
Total	23.2	272	45.5	299	28.5	260	10.6	245
Study zone*								
<i>Interventions</i>								
- <i>T1</i>	22.5	71	57.3	75	37.3	67	11.3	62
- <i>T2</i>	23.8	42	22.4	49	20.9	43	5.1	39
- <i>T3</i>	36.2	47	25.0	52	14.9	47	6.7	45
- <i>T4</i>	2.9	34	87.9	33	33.3	33	12.1	33
<i>Control</i>	27.7	65	45.5	77	27.1	59	7.3	55
Total*	23.9	259	45.8	286	27.3	249	8.5	234

*Hospitals (CHR/CMA excluded)

Table 2.1: Basic amenities and general equipment (cont.)

Background characteristics	2.22: Proportion of facilities with at least one unit of isoniazid		2.23: Proportion of facilities with available electric autoclave		2.24: Proportion of facilities with available non-electric autoclave		2.25: Proportion of facilities with available sterilizer		2.26: Proportion of facilities with available electric steamer (wet heat)		2.27: Proportion of facilities with available non-electric steamer (wet heat)	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	32.3	31	37.7	53	9.4	53	11.3	53	5.7	53	28.3	53
<i>Rural</i>	20.6	223	1.9	368	6.3	368	0.3	368	3.3	368	82.7	371
Level of health facility												
<i>Primary</i>	21.1	237	3.1	392	6.9	392	0.5	392	3.6	392	80.0	395
<i>Secondary</i>	54.5	11	70.0	20	0.0	20	25.0	20	5.0	20	15.0	20
<i>Private</i>	0.0	6	11.1	9	11.1	9	0.0	9	0.0	9	33.3	9
Region												
<i>Boucle du Mouhoun</i>	30.5	82	11.5	87	20.7	87	2.3	87	3.4	87	64.4	97
<i>Centre Est</i>	0.0	31	3.1	64	0.0	64	1.6	64	3.1	64	81.3	64
<i>Centre Nord</i>	23.3	86	4.5	112	5.4	112	0.0	112	0.9	112	77.7	112
<i>Nord</i>	20.6	34	4.1	121	2.5	121	1.7	121	3.3	121	78.9	123
<i>Sud Ouest</i>	19.0	21	13.5	37	2.7	37	5.4	37	13.5	37	78.9	38
Total	22.0	254	6.4	421	6.7	421	1.7	421	3.6	421	75.9	424
Study zone*												
<i>Interventions</i>												
- <i>T1</i>	29.7	64	3.4	118	9.3	118	0.0	118	4.2	118	77.3	119
- <i>T2</i>	11.9	42	3.5	85	3.5	85	1.2	85	4.7	85	85.9	85
- <i>T3</i>	11.1	45	2.6	77	1.3	77	1.3	77	1.3	77	84.8	79
- <i>T4</i>	33.3	33	5.9	34	29.4	34	0.0	34	0.0	34	70.6	34
<i>Control</i>	16.9	59	2.3	87	3.4	87	0.0	87	4.6	87	72.4	87
Total*	20.6	243	3.2	401	7.0	401	0.5	401	3.5	401	79.0	404

*Hospitals (CHR/CMA excluded)

Table 2.2: Correct patient management - antenatal care

Background characteristics	2.28: Proportion of all ANC cases receiving iron and folate supplementat ion		2.29: Proportion of primigravid women receiving tetanus prophylaxis first and second visit ANC cases		2.30: Proportion of third trimester ANC cases receiving malaria prophylaxis (IPTp)		2.31: Proportion of all ANC cases receiving counselling on nutrition/ diet during pregnancy		2.32: Proportion of all ANC cases receiving counselling on pregnancy danger signs		2.33: Proportion of all ANC cases receiving counselling on postpartum family planning		2.34: Proportion of all ANC cases receiving counselling on place of delivery		2.35: Proportion of all ANC cases receiving counselling on use of SBA during delivery	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	88.5	139	63.3	30	47.6	84	7.2	138	37.4	139	0.7	138	24.5	139	23.7	139
Rural	91.0	1,089	80.4	143	44.4	601	10.6	1,092	47.7	1,089	4.4	1,052	17.0	1,093	27.1	1,091
Level of health facility																
Primary	91.1	1,187	77.9	163	44.6	659	10.1	1,189	47.0	1,187	4.1	1,150	16.8	1,191	26.3	1,189
Secondary	81.5	27	50.0	6	50.0	16	0.0	27	25.9	27	0.0	26	4.4	27	40.7	27
Private	78.6	14	100.0	4	50.0	10	42.9	14	42.9	14	0.0	14	57.1	14	35.7	14
Region																
Boucle du Mouhoun	92.9	198	70.0	20	56.0	116	2.5	198	30.8	198	1.6	192	7.6	198	11.6	198
Centre Est	85.1	241	84.6	39	34.9	129	17.8	241	85.0	240	2.3	222	24.1	241	68.5	241
Centre Nord	89.3	365	85.7	49	42.3	196	4.1	365	42.4	363	1.6	365	22.4	366	11.2	365
Nord	92.1	291	68.2	44	41.3	179	17.7	294	36.7	294	5.7	283	16.0	294	23.9	293
Sud Ouest	98.5	133	71.4	21	61.5	65	8.3	132	33.1	133	13.3	128	13.5	133	22.6	133
Total	90.7	1,228	77.5	173	44.8	685	10.2	1,230	46.5	1,228	3.9	1,190	17.9	1,232	26.7	1,230
Study zone*																
Interventions																
- T1	94.5	383	82.7	52	46.3	201	12.5	384	53.4	384	2.8	360	16.1	384	23.5	383
- T2	89.0	299	79.2	48	49.1	167	12.8	298	50.8	297	5.5	291	16.1	299	31.1	299
- T3	90.0	261	76.3	38	38.5	148	9.1	263	45.8	262	2.7	261	23.5	264	31.2	263
- T4	85.7	91	55.6	9	53.2	47	2.2	91	34.1	91	2.2	91	4.4	91	4.4	91
Control	90.4	167	80.0	20	39.6	106	8.4	167	34.1	167	7.5	161	19.2	167	29.3	167
Total*	90.9	1,201	78.4	167	44.7	669	10.5	1,203	47.0	1,201	4.0	1,164	17.3	1,205	26.4	1,203

*Hospitals (CHR/CMA excluded)

Table 2.2: Correct management of the patient – antenatal care (cont.)

Background characteristics	2.36: Proportion of all ANC cases receiving counselling on birth preparedness plan		2.37: Proportion of all ANC cases receiving counselling on emergency preparedness plan		2.38: Proportion of first visit ANC cases having been offered HIV screening (VCT)		2.39: Proportion of first visit ANC cases having been offered syphilis screening		2.40: Proportion of all ANC cases undergoing BP screening		2.41: Proportion of all ANC cases undergoing weight check		2-43: Proportion of first visit ANC cases undergoing urine protein screening		2-44: Proportion of all ANC cases being asked about symptoms of headache or blurred vision	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	12.9	139	38.8	139	86.0	50	49.0	49	89.8	137	94.2	139	72.9	48	22.5	138
Rural	16.4	1,091	39.0	1,094	66.0	373	3.7	374	89.9	1,093	97.0	1,096	51.0	367	29.1	1,091
Level of health facility																
Primary	16.1	1,189	38.7	1,192	67.2	406	6.7	405	90.3	1,189	96.8	1,193	52.8	398	28.6	1,187
Secondary	18.5	27	51.9	27	100.0	15	60.0	15	84.6	26	92.6	27	73.3	15	18.5	27
Private	0.0	14	42.9	14	50.0	2	66.7	3	66.7	15	93.3	15	50.0	2	26.7	15
Region																
Boucle du Mouhoun	9.6	198	12.1	198	51.6	64	0.0	63	95.4	197	99.0	198	44.4	63	9.6	198
Centre Est	26.1	241	83.4	241	54.4	68	8.8	68	95.0	241	97.1	240	50.7	67	52.7	241
Centre Nord	18.1	365	39.7	368	73.2	142	11.2	143	79.7	364	93.0	369	42.3	137	23.6	365
Nord	16.4	293	29.4	293	71.7	92	13.0	92	92.9	295	98.6	295	59.3	91	27.4	292
Sud Ouest	0.8	133	15.0	133	86.0	57	7.0	57	94.0	133	98.5	133	84.2	57	27.1	133
Total	16.0	1,230	39.0	1,233	68.3	423	9.0	423	89.9	1,230	96.7	1,235	53.5	415	28.3	1,229
Study zone*																
Interventions																
- T1	16.2	383	39.7	385	73.3	135	7.5	134	94.3	385	99.0	387	51.9	131	32.7	382
- T2	17.1	299	45.8	299	64.0	111	5.4	111	84.8	296	96.6	298	48.6	109	29.2	298
- T3	19.4	263	45.1	264	64.5	76	13.0	77	83.8	265	93.6	265	60.8	74	36.0	264
- T4	9.9	91	9.9	91	54.1	37	0.0	37	98.6	91	97.8	91	54.1	37	8.8	91
Control	11.4	167	29.3	167	71.4	49	6.1	49	96.4	167	96.4	167	51.0	49	16.8	167
Total*	16.0	1,203	38.7	1,206	67.2	408	7.1	408	90.0	1,204	96.8	1,208	52.8	400	28.5	1,202

*Hospitals (CHR/CMA excluded)

Table 2.2: Correct management of the patient – antenatal care (cont.)

Background characteristics	2-45: Proportion of all ANC cases being asked about symptoms of edema on limbs or face		2-46: Proportion of first visit ANC cases being asked about number of previous pregnancies		2-47: Proportion of first visit ANC cases being asked about date of last menstrual period		2-48: Proportion of first visit ANC cases being asked about currently used medications	
Zone of residence	%	N	%	N	%	N	%	N
Urban	19.0	137	88.0	50	58.3	48	6.0	50
Rural	26.6	1,089	88.5	374	53.8	368	19.5	369
Level of health facility								
Primary	25.8	1,184	87.9	406	53.8	398	18.2	401
Secondary	25.9	27	100.0	15	73.3	15	6.7	15
Private	20.0	15	100.0	3	33.3	3	33.3	3
Region								
Boucle du Mouhoun	10.6	198	93.8	65	50.0	64	7.8	64
Centre Est	59.8	241	91.2	68	49.3	67	7.5	67
Centre Nord	17.1	363	88.7	142	40.9	137	10.1	139
Nord	18.9	291	77.2	92	57.1	91	17.4	92
Sud Ouest	25.6	133	96.5	57	93.0	57	61.4	57
Total	25.8	1,226	88.4	424	54.3	416	17.9	419
Study zone*								
Interventions								
- T1	26.8	381	84.6	136	46.7	135	16.2	136
- T2	27.9	297	84.5	110	57.5	106	17.8	107
- T3	32.7	263	88.3	77	44.0	75	18.4	76
- T4	12.1	91	100.0	37	63.9	36	11.1	36
Control	16.2	167	95.9	49	71.4	49	30.6	49
Total*	25.8	1,199	88.0	409	53.6	401	18.3	404

*Hospitals (CHR/CMA excluded)

Table 2.3: Availability of services – maternal and neonatal health

Background characteristics	2-49: Proportion of health facilities offering ANC services at least once per week		2-51: Proportion of health facilities having vehicle available for emergency patient transports		2-52: Proportion of primigravid among all women observed to attend ANC clinics		2-53: Proportion of first ANC visits among all women observed to attend ANC services		2-54: Mean duration in minutes of first visit ANC consultations			2-55: Mean duration in minutes of follow-up visit ANC consultations		
Zone of residence	%	N	%	N	%	N	%	N	mean	SD	N	mean	SD	N
Urban	100.0	38	37.0	54	32.1	140	67.9	140	24.7	23.5	44	20.6	12.3	91
Rural	100.0	384	22.1	390	20.6	1,092	79.4	1,092	18.4	10.7	215	18.4	9.6	848
Level of health facility														
Primary	100.0	410	20.3	414	21.8	1,190	78.2	1,190	19.3	14.0	249	18.6	9.9	908
Secondary	100.0	9	100.0	19	25.9	27	74.1	27	29.5	3.8	6	22.8	9.4	20
Private	100.0	3	27.3	11	26.7	15	73.3	15	19.3	2.1	4	17.8	7.0	11
Region														
Boucle du Mouhoun	100.0	84	25.0	88	17.7	198	82.3	198	25.7	28.5	32	19.3	11.1	162
Centre Est	100.0	63	21.5	65	25.4	240	74.6	240	16.1	8.0	61	16.4	7.3	177
Centre Nord	100.0	114	27.9	122	20.9	369	79.1	369	18.1	12.2	72	17.4	9.4	285
Nord	100.0	121	22.2	126	23.3	292	76.7	292	19.4	9.0	66	19.0	11.2	214
Sud Ouest	100.0	40	18.6	43	21.8	133	78.2	133	23.5	8.98	28	24.3	7.8	101
Total	100.0	422	23.9	444	21.9	1,232	78.1	1,232	19.5	13.9	259	18.7	9.9	939
Study zone*														
Interventions														
- T1	100.0	119	21.8	124	24.7	384	75.3	384	18.7	10.0	88	18.1	10.6	275
- T2	100.0	85	16.1	87	23.2	298	76.8	298	16.0	7.4	66	17.6	9.5	227
- T3	100.0	81	17.6	85	20.8	265	79.2	265	17.7	8.1	55	18.0	8.6	204
- T4	100.0	34	29.4	34	15.6	90	84.4	90	32.1	41.2	14	18.1	10.1	76
Control	100.0	94	22.1	95	17.9	168	82.1	168	24.8	15.3	30	22.1	9.7	137
Total*	100.0	413	20.5	425	21.8	1,205	78.2	1,205	19.3	13.9	253	18.6	9.9	919

*Hospitals (CHR/CMA excluded)

Table 2.4: Number and training of staff member – maternal health

Background characteristics	2.56: Proportion of skilled birth attendants		2.57: Proportion of skilled birth attendants providing ANC		2.58: Proportion of skilled birth attendants with sufficient knowledge on pre- /eclampsia	
	%	N	%	N	%	N
Zone of residence						
<i>Urban</i>	75.7	1,413	100	79	13.7	285
<i>Rural</i>	52.8	2,030	100	272	12.7	926
Region						
<i>Boucle du Mouhoun</i>	51.3	645	100	94	13.1	275
<i>Centre Est</i>	78.8	387	100	56	16.4	152
<i>Centre Nord</i>	63.5	1,099	100	91	9.3	334
<i>Nord</i>	59.3	974	100	86	8.7	366
<i>Sud Ouest</i>	67.8	338	100	24	39.3	84
Health Facility Level						
<i>Primary</i>	55.7	2,393	100	317	12.9	1,038
<i>Secondary</i>	79.7	941	100	28	16.1	143
<i>Private</i>	53.2	109	100	6	0.0	30
Length of Service						
<i>< 1 year</i>	67.4	399	100	38	15.5	129
<i>1-4.99 years</i>	62.0	1,315	100	133	12.0	526
<i>5-10 years</i>	62.8	1,154	100	117	11.5	358
<i>10 years and more</i>	57.7	575	100	63	16.7	198
Subtotal	62.2	3,443	100	351	13.0	1,211
Total						
Interventions						
- <i>T1</i>	55.0	778	100	105	10.3	339
- <i>T2</i>	67.9	980	100	80	12.1	207
- <i>T3</i>	54.1	534	100	53	9.8	194
- <i>T4</i>	52.8	303	100	41	11.9	101
<i>Control</i>	70.6	848	100	72	18.9	227
Total*	60.1	3,443	100	351	12.6	1,068

*Hospitals (CHR/CMA excluded)

Table 2. 5: Availability of materials– maternal and neonatal health

Background characteristics	2.59 Proportion of facilities with availability of disposable syringes		2.60: Proportion of facilities with availability of IV kits		2.62A: Proportion of facilities with at least one unit of diazepam (injectable)		2.62A: Proportion of facilities with diazepam (injectable) stockout in past 30 days		2.63A: Proportion of facilities with at least one unit of Oxytocin		2.63B: Proportion of facilities with Oxytocin stockout in past 30 days		2.64: Proportion of facilities with availability of balloon-mask for newborn		2.65 Proportion of facilities with availability of blood bank fridge	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	60.0	45	27.3	55.0	78.6	42	14.7	34	85.0	40	00.0	31	55.3	47	19.6	46
Rural	71.5	379	29.1	385	84.5	329	8.5	259	80.8	328	0.8	237	26.4	383	0.5	377
Level of health facility																
Primary	70.8	401	29.2	408	84.5	349	9.1	276	82.7	346	0.8	256	26.8	407	0.8	400
Secondary	60.0	20	20.0	20	80.0	15	0.0	11	78.6	14	0.0	11	85.0	20	40.0	20
Private	66.7	3	33.3	12	57.1	7	33.3	6	25.0	8	0.0	100	33.3	3	0.0	3
Region																
Boucle du Mouhoun	77.0	87	40.9	88	85.7	84	5.2	77	96.4	84	0.0	79	5.7	88	2.3	88
Centre Est	71.2	66	25.8	66	64.5	31	0.0	12	25.0	32	0.0	6	24.2	66	1.5	66
Centre Nord	82.0	111	40.5	121	81.7	115	14.4	104	87.0	115	1.0	96	49.6	113	3.6	112
Nord	69.4	124	15.6	128	86.5	111	7.8	77	79.6	108	1.5	67	36.0	125	1.6	122
Sud Ouest	19.4	36	13.5	37	96.7	30	8.7	23	82.8	29	0.0	20	13.2	38	5.7	35
Total	70.3	424	28.9	440	83.8	371	9.2	293	81.3	368	0.7	268	29.5	430	2.6	423
Study zone*																
Interventions																
- T1	65.3	118	28.5	123	85.4	103	7.5	80	80.6	98	1.4	70	31.9	119	0.9	117
- T2	71.4	84	23.3	86	81.4	70	14.0	50	75.7	70	0.0	42	33.3	84	1.2	82
- T3	70.9	79	31.0	84	82.6	69	18.9	53	73.2	71	2.4	42	30.0	80	1.3	79
- T4	78.8	33	35.3	34	88.2	34	6.3	32	100.0	34	0.0	34	0.0	34	0.0	34
Control	74.4	90	32.3	93	83.8	80	3.0	67	86.4	81	0.0	69	21.5	93	0.0	91
Total*	70.8	404	29.3	420	84.0	356	9.6	282	81.4	354	0.8	257	26.8	410	0.7	403

*Hospitals (CHR/CMA excluded)

Table 2. 5: Availability of materials- maternal and neonatal health (cont.)

Background characteristics	2.66: Proportion of facilities with availability of functional adult scale		2.67: Proportion of facilities with availability of light in birth room		2.68: Proportion of facilities with availability of functional BP machine		2.69: Proportion of facilities with availability of functional foetoscope		2.70.1A: Proportion of facilities with at least one unit of condoms (male)		2.70.1B: Proportion of facilities with condoms (male) stockout in past 30 days		2.70.2A: Proportion of facilities with at least one unit of condoms (female)		2.70.2B: Proportion of facilities with condoms (emale) stockout in past 30 days	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	98.1	53	95.7	47	100.0	50	100.0	41	85.7	42	6.3	32	75.6	41	10.0	30
Rural	95.4	370	82.2	382	97.6	372	98.7	371	93.2	340	4.0	302	89.8	334	1.8	281
Level of health facility																
Primary	95.4	392	82.8	406	97.7	393	98.7	397	93.1	361	4.4	317	88.7	355	2.7	295
Secondary	100.0	19	100.0	20	100.0	17	100.0	11	86.7	15	0.0	13	92.9	14	0.0	13
Private	100.0	12	100.0	3	100.0	12	100.0	4	66.7	6	0.0	4	50.0	6	0.0	3
Region																
Boucle du Mouhoun	98.8	83	86.4	88	95.2	83	100.0	79	89.5	86	7.6	79	77.9	86	5.7	70
Centre Est	96.9	64	69.2	65	100.0	66	98.4	63	96.9	32	0.0	29	87.1	31	0.0	26
Centre Nord	89.3	112	91.2	113	95.5	112	96.5	113	91.5	118	3.7	109	88.5	113	2.0	99
Nord	99.2	126	85.6	125	100.0	124	100.0	121	93.0	114	2.2	90	95.6	114	1.1	91
Sud Ouest	94.7	38	73.7	38	100.0	37	100.0	36	96.9	32	7.4	27	90.3	31	4.0	25
Total	95.7	423	83.7	429	97.9	422	98.8	412	92.4	382	4.2	334	88.3	375	2.6	311
Study zone*																
Interventions																
- T1	98.3	115	83.2	119	95.8	118	97.4	116	88.9	108	7.4	95	85.7	105	3.5	85
- T2	93.1	87	86.9	84	100.0	84	98.8	82	91.8	73	6.6	61	91.7	72	3.3	60
- T3	91.1	79	81.0	79	97.5	79	98.8	80	97.2	71	0.0	58	92.8	69	1.9	54
- T4	96.8	31	79.4	34	93.9	33	100.0	30	91.2	34	6.7	30	67.6	34	8.3	24
Control	97.8	92	81.7	93	100.0	91	100.0	93	95.1	81	1.3	77	92.6	81	0.0	75
Total*	95.5	404	82.9	409	97.8	405	98.8	401	92.6	367	4.4	321	88.1	361	2.7	298

*Hospitals (CHR/CMA excluded)

Table 2. 5: Availability of materials- maternal and neonatal health (cont.)

Background characteristics	2.71A: Proportion of facilities with at least one unit of oral contraceptives		2.71B: Proportion of facilities with oral contraceptives stockout in past 30 days		2.72A: Proportion of facilities with at least one unit of injectable contraceptives		2.72B: Proportion of facilities with injectable contraceptives stockout in past 30 days		2.73A: Proportion of facilities with at least one unit of contraceptive implants		2.73B: Proportion of facilities with contraceptive implants stockout in past 30 days		2.74A: Proportion of facilities with at least one unit of IUD	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	82.9	41	3.2	31	85.7	42	5.7	35	85.7	42	5.7	35	48.7	39
Rural	88.8	340	1.1	278	96.8	341	2.0	305	78.8	292	3.9	233	41.0	251
Level of health facility														
Primary	89.7	360	1.0	295	97.0	363	1.9	324	80.2	313	4.0	251	41.6	269
Secondary	73.3	15	8.3	12	85.7	14	14.3	14	93.3	15	6.7	15	66.7	15
Private	33.3	6	0.0	2	33.3	6	0.0	2	16.7	6	0.0	2	0.0	6
Region														
Boucle du Mouhoun	92.9	85	2.4	83	96.5	86	1.2	84	84.9	86	6.4	78	45.8	83
Centre Est	58.1	31	0.0	17	100.0	32	0.0	30	77.4	31	4.3	23	9.7	31
Centre Nord	90.7	118	1.9	105	92.4	118	3.6	110	77.6	107	1.2	83	31.8	88
Nord	94.0	116	0.0	84	96.5	115	2.3	88	70.5	78	5.4	56	65.1	63
Sud Ouest	74.2	31	0.0	20	96.9	32	3.6	28	96.9	32	3.6	28	48.0	25
Total	88.2	381	1.3	309	95.6	383	2.4	340	79.6	334	4.1	268	42.1	290
Study zone*														
Interventions														
- T1	91.7	108	1.1	90	95.4	109	2.2	93	82.4	91	5.3	75	46.7	75
- T2	90.4	73	0.0	54	97.3	73	4.7	64	78.9	57	4.3	47	34.0	50
- T3	87.3	71	1.9	52	95.8	71	1.7	58	73.3	60	5.1	39	30.8	52
- T4	93.9	33	3.1	32	97.1	34	0.0	33	82.4	34	6.7	30	45.5	33
Control	82.7	81	0.0	69	95.1	82	0.0	78	77.9	77	0.0	62	44.6	65
Total*	88.8	366	1.0	297	95.9	369	1.8	326	79.0	319	4.0	253	40.7	275

*Hospitals (CHR/CMA excluded)

Table 2. 5: Availability of materials- maternal and neonatal health (cont.)

Background characteristics	2.75A: Proportion of facilities with at least one unit of malaria test kit		2.75B: Proportion of facilities with malaria test kit stockout in past 30 days		2.76A: Proportion of facilities with at least one unit of HIV test kit		2.76B: Proportion of facilities with HIV test kit stockout in past 30 days		2.77A: Proportion of facilities with at least one unit of pregnancy test kit		2.78A: Proportion of facilities with at least one unit of syphilis test kit		2.79A: Proportion of facilities with at least one unit of urine test kit	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	20.0	35	50.0	20	61.8	34	11.5	26	24.2	33	0.0	27	50.0	32
Rural	33.3	318	49.8	209	68.8	327	7.9	227	28.2	259	1.4	217	58.3	319
Level of health facility														
Primary	33.1	335	49.8	223	70.0	343	7.4	243	26.8	276	1.3	230	59.4	335
Secondary	0.0	12	50.0	2	36.4	11	16.7	6	30.0	10	0.0	8	11.1	9
Private	33.3	6	50.0	4	28.6	7	50.0	4	66.7	6	0.0	6	28.6	7
Region														
Boucle du Mouhoun	50.0	84	34.3	67	69.0	84	11.0	73	60.0	85	0.0	81	71.4	84
Centre Est	13.3	30	66.7	3	13.3	30	66.7	3	0.0	30	0.0	30	0.0	30
Centre Nord	35.7	115	48.8	82	77.9	113	11.2	98	19.7	76	2.7	73	49.6	113
Nord	21.1	95	61.4	57	73.1	104	0.0	61	16.0	75	0.0	34	68.4	98
Sud Ouest	20.7	29	70.0	20	66.7	30	0.0	18	11.5	26	3.8	26	73.1	26
Total	32.0	353	49.8	229	68.1	361	8.3	253	27.7	292	1.2	244	57.5	351
Study zone*														
Interventions														
- T1	35.0	100	57.5	73	77.2	101	6.3	79	39.3	84	1.6	63	68.4	98
- T2	25.4	67	59.5	42	67.6	71	9.3	43	17.5	57	2.4	42	50.7	67
- T3	27.3	66	53.5	43	62.7	67	14.6	41	11.3	53	0.0	44	43.9	66
- T4	64.7	34	31.0	29	66.7	33	17.9	28	73.5	34	0.0	33	79.4	34
Control	28.4	74	35.0	40	66.7	78	0.0	56	7.4	54	1.9	54	57.1	77
Total*	33.1	341	49.8	227	69.1	350	8.1	247	27.7	282	1.3	236	58.8	342

*Hospitals (CHR/CMA excluded)

Table 2.6: Correct case management of the patient – children consultation

Background characteristics	2.80: Proportion of cases asked (breast) feeding behavior/food intake		2.81: Proportion of cases asked for convulsions		2.82: Proportion of cases asked for diarrhea		2.83: Proportion of cases asked for cough or difficult breathing	
Zone of residence	%	N	%	N	%	N	%	N
Urban	36.9	206	16.5	206	69.7	208	74.9	207
Rural	38.6	1,496	19.0	1,500	72.5	1,504	81.0	1,502
Region								
Boucle du Mouhoun	50.3	286	24.7	287	91.3	287	92.7	287
Centre Est	23.4	282	8.8	283	77.4	283	85.2	283
Centre Nord	35.3	515	23.3	515	66.9	520	77.7	520
Nord	43.5	446	17.0	447	67.9	448	70.6	446
Sud Ouest	39.3	173	15.5	174	58.6	174	83.8	173
Level of health facility								
Primary	38.5	1,603	18.4	1,607	71.9	1,613	80.2	1,610
Secondary	36.9	65	24.6	65	72.3	65	72.3	65
Private	38.2	34	20.6	34	85.3	34	94.1	34
Length of Service								
< 1 year	43.7	174	17.0	176	71.0	176	80.0	175
1-4.99 years	40.2	791	21.4	790	75.3	794	82.0	793
5-10 years	32.5	573	19.7	575	75.0	575	81.2	575
10 years and more	38.5	325	14.7	327	70.2	329	78.0	328
Type of Health Worker								
Midwives	35.8	653	19.0	654	74.7	656	81.5	655
Nurses	38.4	726	19.1	726	73.4	730	79.0	727
"Agents itinerant de santé" (AIS)	39.5	476	19.6	480	73.3	480	82.7	481
Sub-Total	38.4	1,702	18.7	1,706	72.1	1,712	80.2	1,709
Study zone*								
Interventions								
- T1	46.3	529	23.1	528	72.1	531	82.5	530
- T2	34.9	378	18.5	378	71.0	379	81.5	378
- T3	34.8	379	19.9	381	77.3	383	82.8	383
- T4	44.4	135	19.9	136	93.4	136	95.6	136
Control	29.4	326	10.9	329	66.0	329	71.6	328
Total*	38.0	1,747	18.4	1,752	75.9	1,758	82.7	1,755

*Hospitals (CHR/CMA excluded)

Table 2.6: Correct case management of the patient – children consultation (cont.)

Background characteristics	2.84: Proportion of cases asked for ear problem		2.85: Proportion of cases asked for fever		2.86: Proportion of cases checked for respiratory signs		2.87: Proportion of cases asked checked for dehydration	
Zone of residence	%	N	%	N	%	N	%	N
Urban	14.5	207	77.4	208	78.2	133	46.3	95
Rural	20.4	1,503	86.2	1,505	75.1	711	56.4	335
Region								
Boucle du Mouhoun	20.2	287	94.8	287	76.4	148	62.9	89
Centre Est	11.0	282	88.0	283	91.8	110	60.5	43
Centre Nord	20.6	519	81.0	521	70.7	259	43.4	143
Nord	24.1	448	78.8	448	77.0	257	61.1	126
Sud Ouest	19.0	174	93.1	174	61.4	70	41.4	29
Level of health facility								
Primary	20.0	1,612	85.2	1,614	75.0	772	52.9	376
Secondary	14.1	64	78.5	65	85.5	55	63.0	46
Private	14.7	34	94.1	34	70.6	17	62.5	8
Length of Service								
< 1 year	26.1	176	86.4	176	63.2	76	54.8	42
1-4.99 years	20.8	793	85.6	794	76.3	354	55.7	194
5-10 years	15.9	574	86.5	576	77.0	252	49.2	132
10 years and more	20.4	329	85.4	329	77.8	162	59.7	62
Type of Health Worker								
Midwives	19.9	653	86.1	657	75.8	285	47.7	151
Nurses	19.2	730	85.3	729	75.4	342	55.9	177
"Agents itinerant de santé" (AIS)	20.0	481	86.3	481	75.0	212	60.4	101
Sub-Total	19.7	1,710	85.1	1,713	75.6	844	54.2	430
Study zone*								
Interventions								
- T1	21.5	530	82.1	532	76.0	233	53.3	122
- T2	20.3	380	84.7	379	71.6	197	53.9	76
- T3	21.9	383	86.2	383	79.0	167	50.6	81
- T4	19.9	136	97.8	136	81.0	63	62.5	32
Control	16.2	328	87.5	329	69.8	129	50.7	73
Total*	19.9	1,757	87.5	1,759	75.4	789	54.2	384

*Hospitals (CHR/CMA excluded)

Table 2.6: Correct case management of the patient – children consultation (cont.)

Background characteristics	2.88: Proportion of cases checked for hyper-thermia/hypothermia		2.89: Proportion of cases checked for weight		2.90: Proportion of cases checked for vaccination status		2.91: Proportion of cases asked for considerable vomiting	
Zone of residence	%	N	%	N	%	N	%	N
Urban	99.6	272	64.2	288	48.1	285	59.5	289
Rural	99.4	1,454	63.4	1,570	43.1	1,575	57.6	1,579
Region								
Boucle du Mouhoun	100.0	336	70.1	334	56.4	342	69.0	342
Centre Est	99.6	257	44.8	288	53.6	289	67.0	288
Centre Nord	99.1	528	53.5	551	28.0	550	51.4	551
Nord	99.3	429	73.0	507	53.7	503	56.5	510
Sud Ouest	99.4	176	85.4	178	25.0	176	46.3	177
Level of health facility								
Primary	99.4	1,584	63.3	1,704	44.0	1,706	58.6	1,713
Secondary	100.0	112	66.1	115	47.8	115	47.4	116
Private	96.7	30	64.1	39	25.6	39	59.0	39
Length of Service								
< 1 year	98.2	163	67.6	173	32.0	175	52.8	176
1-4.99 years	99.9	734	68.1	788	45.8	786	60.1	791
5-10 years	99.2	530	59.6	570	41.2	573	56.3	574
10 years and more	99.3	299	56.9	327	50.3	326	58.4	327
Type of Health Worker								
Midwives	99.8	615	62.8	648	43.3	652	59.3	654
Nurses	99.4	661	65.2	724	42.4	719	55.8	727
"Agents itinerant de santé" (AIS)	98.9	442	62.3	478	46.8	481	59.1	479
Sub-Total	99.4	1,726	63.5	1,858	43.9	1,860	57.9	1,868
Study zone*								
Interventions								
- T1	99.6	480	66.3	522	48.9	526	63.6	527
- T2	99.7	353	65.2	379	38.6	376	58.0	379
- T3	99.4	342	50.8	382	44.1	379	55.9	381
- T4	100.0	136	63.2	133	57.4	136	80.1	136
Control	98.3	303	71.3	327	34.8	328	45.6	329
Total*	99.4	1,614	63.3	1,743	44.7	1,745	60.6	1,752

*Hospitals (CHR/CMA excluded)

Table 2.6: Correct case management of the patient – children consultation (cont.)

Background characteristics	2.92: Proportion of cases asked for lethargic state		2.93A: Proportion of cases checked for anemia		2.93B: Proportion of cases checked for oedema		2.94: Proportion of indicated cases instructed fluid intake	
Zone of residence	%	N	%	N	%	N	%	N
Urban	14.5	289	66.0	291	38.5	291	3.8	26
Rural	13.4	1,580	68.5	1,581	41.3	1,580	3.3	151
Region								
Boucle du Mouhoun	17.8	342	78.1	342	58.7	341	7.4	27
Centre Est	9.3	289	80.6	288	50.0	288	8.3	12
Centre Nord	14.2	551	69.9	554	36.6	554	1.4	73
Nord	13.8	509	63.1	510	36.7	510	1.6	62
Sud Ouest	9.6	178	37.6	178	16.9	178	33.3	3
Level of health facility								
Primary	13.2	1,714	67.1	1,719	40.1	1,716	3.0	169
Secondary	19.8	116	75.9	116	50.0	116	0.0	5
Private	10.3	39	91.9	37	46.2	39	33.3	3
Length of Service								
< 1 year	14.2	176	62.5	176	43.4	175	10.0	20
1-4.99 years	14.7	791	69.0	793	43.6	794	1.2	81
5-10 years	12.7	575	67.6	574	37.6	574	0.0	51
10 years and more	11.9	327	69.9	329	38.4	328	12.0	25
Type of Health Worker								
Midwives	12.5	654	67.0	654	40.7	654	1.3	75
Nurses	13.5	727	69.1	729	40.9	729	3.4	58
"Agents itinerant de santé" (AIS)	14.6	480	67.6	481	41.3	480	6.8	44
Sub-Total	13.5	1,869	68.1	1,872	40.8	1,871	3.4	177
Study zone*								
Interventions								
- T1	17.4	528	68.3	530	44.4	529	8.6	58
- T2	11.9	379	68.0	381	42.6	380	0.0	36
- T3	11.0	381	71.4	381	34.8	382	0.0	32
- T4	20.6	136	80.1	136	59.6	136	0.0	14
Control	7.0	329	56.4	328	29.0	328	3.1	32
Total*	13.6	1,753	68.8	1,756	42.1	1,755	2.3	172

*Hospitals (CHR/CMA excluded)

Table 2.6: Correct case management of the patient – children consultation (cont.)

Background characteristics	2.95A: Proportion of diarrhea cases prescribed on treatment		2.95B: Proportion of diarrhea cases instructed on treatment		2.96A: Proportion of bacterial infection cases prescribed on treatment		2.96B: Proportion of bacterial infection cases instructed on treatment	
Zone of residence	%	N	%	N	%	N	%	N
Urban	82.0	89	89.0	73	90.4	52	92.0	50
Rural	97.1	340	97.9	330	96.4	501	98.0	488
Region								
Boucle du Mouhoun	96.7	91	98.9	87	98.0	98	100.0	94
Centre Est	100.0	38	100.0	38	97.7	88	98.9	87
Centre Nord	98.6	146	96.5	144	97.0	168	93.7	174
Nord	83.2	125	91.4	105	92.5	161	98.6	147
Sud Ouest	100.0	29	100.0	29	94.7	38	100.0	36
Level of health facility								
Primary	97.4	379	96.2	369	96.4	521	97.4	509
Secondary	61.9	42	100.0	26	81.0	21	100.0	17
Private	100.0	8	87.5	8	100.0	11	91.7	12
Length of Service								
< 1 year	88.1	42	94.4	36	97.7	44	97.7	44
1-4.99 years	94.8	192	97.8	183	96.8	218	97.2	213
5-10 years	94.7	133	96.0	126	95.4	175	96.6	174
10 years and more	93.5	62	93.1	58	94.0	116	99.1	107
Type of Health Worker								
Midwives	94.0	150	94.3	141	95.5	179	97.1	174
Nurses	91.5	177	96.9	162	96.5	226	98.2	218
"Agents itinerant de santé" (AIS)	99.0	101	98.0	100	95.9	145	96.5	144
Sub-Total	93.9	429	96.3	403	95.8	553	97.4	538
Study zone*								
Interventions								
- T1	97.5	122	90.8	120	99.3	152	99.3	151
- T2	97.4	76	98.6	74	95.5	134	96.9	128
- T3	96.4	83	97.5	80	93.7	111	92.9	112
- T4	93.9	33	100.0	30	94.4	36	100.0	32
Control	100.0	73	98.6	73	97.0	99	99.0	98
Total*	97.0	387	97.1	377	96.0	532	97.6	521

*Hospitals (CHR/CMA excluded)

Table 2.6: Correct case management of the patient – children consultation (cont.)

Background characteristics	2.97A: Proportion of malaria cases prescribed on treatment		2.97B: Proportion of malaria cases instructed on treatment		2.98: Proportion of cases instructed to return immediately if deterioration		2.99: Proportion of U5YO providers	
Zone of residence	%	N	%	N	%	N	%	N
Urban	84.5	71	89.6	67	18.0	283	84.8	283
Rural	96.1	518	98.0	509	23.4	1,561	98.9	919
Region								
Boucle du Mouhoun	98.1	107	100.0	105	21.3	342	96.3	270
Centre Est	98.7	78	100.0	77	17.7	266	92.7	150
Centre Nord	96.4	140	97.8	138	23.6	550	95.2	334
Nord	90.0	200	93.3	194	29.7	509	97.3	365
Sud Ouest	95.3	64	98.4	62	8.5	177	92.8	83
Level of health facility								
Primary	95.0	561	96.9	551	23.2	1,694	99.1	1,030
Secondary	85.0	20	100.0	17	9.9	111	69.7	142
Private	100.0	8	100.0	8	30.8	39	96.7	30
Length of Service								
< 1 year	96.0	50	98.0	49	15.9	176	93.0	128
1-4.99 years	97.7	260	98.8	257	22.9	786	94.8	521
5-10 years	91.8	158	94.8	154	20.8	559	97.5	358
10 years and more	91.7	121	95.7	116	28.5	323	95.9	195
Type of Health Worker								
Midwives	93.3	194	95.3	190	25.4	646	92.8	432
Nurses	95.6	227	97.7	222	20.1	720	96.0	505
"Agents itinérant de santé" (AIS)	95.1	164	98.1	160	21.9	470	99.2	261
Sub-Total	94.7	589	97.0	576	22.6	1,844	95.6	1,202
Study zone*								
Interventions								
- T1	93.8	177	94.9	175	24.7	522	99.4	336
- T2	95.0	141	97.8	137	26.3	377	99.5	207
- T3	97.1	103	99.0	101	24.7	376	99.0	194
- T4	97.6	42	100.0	41	28.7	136	98.0	100
Control	94.3	106	96.2	105	14.0	322	98.7	223
Total*	95.6	509	97.6	559	23.7	1,733	98.9	1,060

*Hospitals (CHR/CMA excluded)

Table 2.7 Number and training of staff member – child health

Background characteristics	2.100: Proportion of U5YO providers with knowledge in vaccination schedule			2.101A: Proportion of U5YO providers with knowledge in management of severe dehydration (each score scale is between 1 to 10)			2.101B: Proportion of U5YO providers with knowledge in management of ear infection (each score scale is between 1 to 10)		
Zone of residence	mean	SD	N	mean	SD	N	mean	SD	N
Urban	1.9	0.5	252	1.9	1.0	286	7.5	2.1	286
Rural	1.9	0.4	913	1.8	1.1	926	7.9	1.7	926
Region									
Boucle du Mouhoun	1.9	0.4	272	1.9	1.0	275	7.9	1.9	275
Centre Est	2.0	0.4	151	1.6	1.0	152	7.8	1.5	152
Centre Nord	1.9	0.3	328	1.8	0.9	334	7.9	1.6	334
Nord	1.8	0.5	364	1.7	1.0	367	7.9	1.4	367
Sud Ouest	1.7	0.5	72	2.5	1.4	84	6.2	3.3	84
Level of health facility									
Primary	1.9	0.4	1,021	1.8	1.1	1,038	7.8	1.7	1,038
Secondary	1.9	0.6	138	1.8	1.0	144	7.3	2.3	144
Private	1.8	0.5	28	1.8	0.6	30	8.2	0.9	30
Length of Service									
< 1 year	1.8	0.4	126	2.0	1.1	129	7.7	1.7	129
1-4.99 years	1.9	0.4	516	1.8	1.0	526	7.8	1.9	526
5-10 years	1.9	0.3	354	1.9	1.0	358	7.9	1.7	358
10 years and more	1.8	0.5	191	1.8	1.1	199	7.6	1.9	199
Type of Health Worker									
Midwives	1.9	0.5	424	1.7	1.0	435	7.5	2.1	435
Nurses	1.9	0.4	500	2.0	1.0	508	7.9	1.5	508
“Agents itinerant de santé” (AIS)	1.9	0.4	259	1.7	1.1	263	7.9	1.7	263
Sub-Total	1.9	0.4	1,187	1.8	1.0	1,212	7.8	1.8	1,212
Study zone*									
Interventions									
- T1	1.8	0.5	331	1.8	1.0	339	7.8	1.8	339
- T2	1.9	0.4	204	1.8	1.0	207	7.7	1.6	207
- T3	1.9	0.4	190	1.8	1.0	194	7.8	1.8	194
- T4	1.9	0.2	101	1.9	0.9	101	8.1	1.1	101
Control	1.9	0.4	223	1.9	1.2	227	7.9	1.9	227
Total*	1.8	0.4	1,049	1.8	1.0	1,068	7.8	1.6	1,068

*Hospitals (CHR/CMA excluded)

Table 2.7 Number and training of staff member – child health (continued)

Background characteristics	2.101C: Proportion of U5YO providers with knowledge in management of severe respiratory infection (each score scale is between 1to 10)			2.101D: Proportion of U5YO providers with knowledge in management of severely ill newborn (each score scale is between 1to 10)			2.102: Proportion of health facilities with appropriate fridge temperature checking/control	
Zone of residence	mean	SD	N	%	SD	N	%	N
Urban	7.3	2.2	286	1.8	0.9	286	97.0	33
Rural	7.6	1.9	926	1.9	0.9	926	97.6	380
Region								
Boucle du Mouhoun	7.5	2.1	275	1.9	0.9	275	97.5	81
Centre Est	7.8	1.7	152	1.7	0.7	152	98.4	62
Centre Nord	7.6	1.7	334	1.9	0.9	334	98.2	114
Nord	7.7	1.5	367	2.1	0.8	367	96.6	119
Sud Ouest	6.2	3.4	84	1.5	1.2	84	97.3	37
Level of health facility								
Primary	7.6	1.9	1,038	1.9	0.9	1,038	98.0	406
Secondary	7.1	2.3	144	1.7	1.0	144	66.7	3
Private	8.2	0.9	30	2.0	0.8	30	75.0	4
Length of Service								
< 1 year	7.5	1.8	129	1.9	0.9	129	NA	NA
1-4.99 years	7.5	2.0	526	1.8	0.9	526	NA	NA
5-10 years	7.7	1.9	358	2.0	0.9	358	NA	NA
10 years and more	7.5	2.0	199	1.8	0.9	199	NA	NA
Type of Health Worker								
Midwives	7.3	2.3	435	1.8	0.8	435	NA	NA
Nurses	7.6	1.6	508	2.1	0.9	508	NA	NA
"Agents itinerant de santé" (AIS)	7.9	1.8	263	1.8	0.9	263	NA	NA
Sub-Total	7.6	1.9	1,212	1.9	0.9	1,212	97.6	413
Study zone*								
Interventions								
- T1	7.7	1.8	339	1.9	0.9	339	97.5	119
- T2	7.6	1.8	207	2.0	0.9	207	97.6	84
- T3	7.6	1.8	194	2.0	0.8	194	97.6	83
- T4	7.8	1.6	101	2.0	0.7	101	93.8	32
Control	7.4	2.1	227	1.8	1.0	227	100.0	92
Total*	7.6	1.8	1,068	1.9	0.8	1,068	97.2	410

*Hospitals (CHR/CMA excluded)

Table 2.8: Availability of services and materials – child health

Background characteristics	2.103: Proportion of facilities providing immunization services continuous (week)		2.104A: Proportion of facilities with at least one unit of recommended antimalarial outpatient treatment (Artemether/ Lumefantrine)		2.105A: Proportion of facilities with at least one unit of recommended antimalarial outpatient treatment (Artesunate/ Amodiaquine)		2.105B: Proportion of facilities with recommended antimalarial outpatient treatment (Artesunate/ Amodiaquine) stockout in past 30 days		2.106A: Proportion of facilities with at least one unit of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral amoxicillin)		2.106B: Proportion of facilities with recommended antibiotic for outpatient treatment of ear/respiratory infection (oral amoxicillin) stockout in past 30 days	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
Urban	22.2	27	32.4	37	79.5	44	21.1	38	97.9	47	2.3	44
Rural	28.3	339	21.7	235	74.1	344	18.6	301	92.5	345	7.2	320
Level of health facility												
Primary	27.9	358	23.3	253	73.4	365	19.6	316	92.7	368	7.1	340
Secondary	25.0	4	7.7	13	100.0	15	6.7	15	100.0	16	0.0	16
Private	25.0	4	50.0	6	87.5	8	12.5	8	100.0	8	0.0	8
Region												
Boucle du Mouhoun	14.5	55	4.7	86	65.1	86	26.7	75	91.9	86	6.0	84
Centre Est	30.2	63	0.0	31	97.0	33	3.1	32	87.9	33	12.9	31
Centre Nord	18.5	108	50.6	81	87.4	119	3.7	108	90.8	119	8.5	118
Nord	26.2	107	30.8	52	57.1	119	37.8	98	95.8	119	5.2	97
Sud Ouest	81.8	33	9.1	22	96.8	31	7.7	26	100.0	35	0.0	34
Total	27.9	366	23.2	272	74.7	388	18.9	339	93.1	392	6.6	364
Study zone*												
Interventions												
- T1	34.6	104	22.5	71	67.3	110	27.8	97	94.6	112	5.9	102
- T2	26.9	78	23.8	42	69.4	72	25.0	60	90.4	73	11.8	68
- T3	37.2	78	36.2	47	81.3	75	13.8	65	92.0	75	9.0	67
- T4	9.1	22	2.9	34	58.8	34	34.5	29	64.1	34	5.9	34
Control	16.3	80	27.7	65	85.4	82	2.7	73	92.7	82	2.6	77
Total*	27.9	362	23.9	259	73.7	373	19.4	324	92.8	376	6.9	348

*Hospitals (CHR/CMA excluded)

Table 2.8: Availability of services and materials – child health (continued)

Background characteristics	2.107A: Proportion of facilities with at least one unit of recommended 2nd line anti-biotic for outpatient treatment of ear/respiratory infection (oral cotrimoxazole)		2.107B: Proportion of facilities with recommended 2nd line anti-biotic for outpatient treatment of ear/respiratory infection (oral cotrimoxazole) stock out in past 30 days		2.108A: Proportion of facilities with at least one unit of ORS sachet		2.108B: Proportion of facilities with ORS sachet stock out in past 30 days		2.109A: Proportion of facilities with at least one unit of Vitamin A		2.110A: Proportion of health facilities with at least one unit of oral paracetamol syrup	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
Urban	91.1	45	4.8	42	79.5	44	12.8	39	25.0	28	97.9	47
Rural	87.2	345	11.2	312	85.0	341	8.6	301	28.3	219	89.5	343
Level of health facility												
Primary	88.0	367	10.3	330	85.9	362	8.4	321	28.7	230	90.2	366
Secondary	86.7	15	6.3	16	66.7	15	15.4	13	27.3	11	100.0	16
Private	75.0	8	25.0	8	50.0	8	33.3	6	0.0	6	87.5	8
Region												
Boucle du Mouhoun	92.9	85	7.1	85	90.7	86	4.8	83	53.8	80	90.7	86
Centre Est	72.7	33	17.9	28	90.9	33	6.5	31	3.2	31	84.8	33
Centre Nord	84.9	119	12.2	115	73.9	119	14.9	101	6.8	74	90.8	119
Nord	88.2	119	11.7	94	85.0	113	10.9	92	36.6	41	89.7	117
Sud Ouest	97.1	34	3.1	32	97.1	34	0.0	33	23.8	21	97.1	35
Total	87.7	390	10.5	354	84.4	385	9.1	340	27.9	247	90.5	390
Study zone*												
Interventions												
- T1	87.4	111	10.2	98	89.9	109	9.0	100	37.9	66	87.5	112
- T2	91.8	73	8.8	68	86.3	73	9.1	66	18.6	43	93.2	73
- T3	80.0	75	20.6	63	79.5	73	15.0	60	11.6	43	92.0	75
- T4	94.1	34	8.8	34	97.21	34	0.0	33	48.3	29	94.1	34
Control	89.0	82	5.3	75	77.8	81	7.4	68	25.5	55	87.5	80
Total*	87.7	375	10.7	338	85.1	370	8.9	327	28.0	236	90.1	374

*Hospitals (CHR/CMA excluded)

Table 2.8: Availability of services and materials – Child health (continued)

Background characteristics	2.110B: Proportion of health facilities with oral paracetamol syrup stockout in past 30 days		2.111: Proportion of health facilities with availability of functional of infant/child weighing scale		2.112: Functionality Proportion of health facilities with availability of functional of thermometer		2.113: Proportion of health facilities with availability of functional of fridge		2.114.a: Proportion of health facilities with availability of outreach material (cooler)		2.114.b: Proportion of health facilities with availability of outreach material (icebox)		2.114.c: Proportion of health facilities with availability of outreach material (freezer)	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	2.3	44	96.9	32	100.0	52	100.0	30	96.7	30	100.0	30	13.3	30
Rural	9.8	316	98.5	200	99.5	375	98.7	377	96.6	380	96.0	376	3.4	382
Level of health facility														
Primary	9.2	336	98.6	210	99.7	396	99.0	400	96.8	403	96.5	399	4.0	405
Secondary	0.0	16	100.0	16	100.0	19	100.0	3	66.7	3	66.7	3	33.3	3
Private	12.5	8	83.3	6	91.7	12	75.0	4	100.0	4	100.0	4	0.0	4
Region														
Boucle du Mouhoun	7.2	83	100.0	50	100.0	84	100.0	79	91.4	81	100.0	78	8.6	81
Centre Est	15.6	32	97.3	37	100.0	65	100.0	62	100.0	61	100.0	62	4.8	62
Centre Nord	6.1	114	92.7	41	98.3	119	97.3	110	100.0	112	99.1	112	3.6	112
Nord	13.4	97	100.0	72	100.0	122	98.3	120	99.2	120	100.0	118	0.8	121
Sud Ouest	2.9	34	100.0	32	100.0	37	100.0	36	83.3	36	61.1	36	5.6	36
Total	8.9	360	98.3	232	99.5	427	98.8	407	96.6	410	96.3	406	4.1	412
Study zone*														
Interventions														
- T1	13.7	102	98.4	61	99.2	120	98.3	119	94.9	118	95.7	116	5.9	119
- T2	9.0	67	100.0	46	100.0	84	98.8	83	100.0	82	96.4	83	4.8	83
- T3	9.0	67	100.0	38	98.8	81	97.6	83	97.6	83	95.1	82	1.2	83
- T4	3.0	33	100.0	12	100.0	32	100.0	30	87.5	32	100.0	30	6.3	32
Control	6.7	75	94.9	59	100.0	91	100.0	89	98.9	92	97.8	92	2.2	92
Total*	9.3	344	98.1	216	99.5	408	98.8	404	96.8	407	96.5	403	3.9	409

*Hospitals (CHR/CMA excluded)

Table 2.8: Availability of services and materials – Child health (continued)

Background characteristics	2.115.a: Proportion of health facilities with availability of vaccination syringes for immunization		2.115.b: Proportion of health facilities with availability of vaccination needles for immunization		2.115.c: Proportion of health facilities with availability of vaccination cards for immunization		2.116A: Proportion of health facilities with at least one unit of BCG vaccine		2.116B: Proportion of health facilities with BCG vaccine stockout in past 30 days		2.117A: Proportion of health facilities with at least one unit of OPV vaccine		2.117B: Proportion of health facilities with OPV vaccine stockout in past 30 days		2.118A: Proportion of health facilities with at least one unit of Pentavalent vaccine	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	69.2	26	6.9	29	34.6	26	57.5	40	4.3	23	57.5	70	4.3	23	60.0	40
Rural	80.1	372	7.2	376	24.5	367	75.9	336	3.3	246	79.2	336	1.2	250	78.6	337
Level of health facility																
Primary	79.8	391	7.3	398	25.6	386	77.2	356	3.4	266	80.3	355	1.1	268	79.8	356
Secondary	33.3	3	0.0	3	0.0	3	21.4	14	0.0	0	21.4	14	0.0	3	21.4	14
Private	75.0	4	0.0	4	0.0	4	0.0	6	0.0	3	14.3	7	50.0	2	28.6	7
Region																
Boucle du Mouhoun	92.4	79	23.5	81	80.5	77	83.7	86	0.0	75	83.5	85	0.0	75	83.7	86
Centre Est	95.0	60	3.2	62	1.6	62	25.8	31	0.0	6	25.8	31	0.0	6	25.8	31
Centre Nord	79.3	111	0.9	112	0.0	106	76.7	116	7.4	94	82.9	117	4.1	97	83.8	117
Nord	76.3	114	4.3	117	15.8	114	72.7	110	3.0	67	75.5	110	0.0	68	73.6	110
Sud Ouest	32.4	34	6.1	33	52.9	34	87.9	33	0.0	27	90.9	33	0.0	27	90.9	33
Total	79.4	398	7.2	405	25.2	393	73.9	376	3.3	269	76.9	376	1.5	273	76.7	377
Study zone*																
Interventions																
- T1	76.5	115	10.3	117	31.2	109	85.2	108	2.5	81	85.0	107	2.5	81	86.1	108
- T2	84.0	81	4.9	81	16.0	81	71.8	71	6.1	49	76.1	71	0.0	49	71.8	71
- T3	75.3	77	1.3	80	15.2	79	65.2	69	8.9	45	75.7	70	4.1	49	77.1	70
- T4	96.8	31	31.3	32	90.3	31	94.1	34	0.0	32	94.1	34	0.0	32	94.1	34
Control	78.0	91	2.2	92	13.3	90	68.8	80	0.0	59	70.0	80	0.0	59	70.0	80
Total*	79.7	395	7.2	402	25.4	390	76.0	362	3.4	266	79.0	362	1.5	270	78.8	363

*Hospitals (CHR/CMA excluded)

Table 2.8: Availability of services and materials – Child health (continued)

Background characteristics	2.118B: Proportion of health facilities with Pentavalent vaccine stockout in past 30 days		2.119A: Proportion of health facilities with at least one unit of measles vaccines		2.119B: Proportion of health facilities with measles vaccines stockout in past 30 days		2.120A: Proportion of health facilities with at least one unit of TT2 vaccine		2.120B: Proportion of health facilities with TT2 vaccine stockout in past 30 days	
	%	N	%	N	%	N	%	N	%	N
Zone of residence										
<i>Urban</i>	0.0	23	60.0	40	0.0	23	61.5	39	0.0	24
<i>Rural</i>	2.0	248	78.8	335	1.2	246	79.5	337	0.4	249
Level of health facility										
<i>Primary</i>	1.9	266	80.0	355	1.1	265	80.6	356	0.4	267
<i>Secondary</i>	0.0	3	21.4	14	0.0	3	23.1	13	0.0	4
<i>Private</i>	0.0	2	16.7	6	0.0	1	28.6	7	0.0	2
Region										
<i>Boucle du Mouhoun</i>	0.0	75	83.7	86	0.0	75	84.9	86	0.0	76
<i>Centre Est</i>	0.0	6	25.8	31	0.0	6	25.8	31	0.0	6
<i>Centre Nord</i>	4.1	97	83.6	116	3.1	96	86.2	116	0.0	98
<i>Nord</i>	1.5	66	74.3	109	0.0	65	73.6	110	1.5	66
<i>Sud Ouest</i>	0.0	27	90.9	33	0.0	27	90.9	33	0.0	27
Total	1.8	271	76.8	375	1.1	269	77.7	376	0.4	273
Study zone*										
<i>Interventions</i>										
- <i>T1</i>	1.2	81	85.0	107	2.5	81	87.0	108	0.0	82
- <i>T2</i>	4.3	47	76.1	71	0.0	47	76.1	71	0.0	48
- <i>T3</i>	4.1	49	76.8	69	2.1	48	77.1	70	2.0	49
- <i>T4</i>	0.0	32	94.1	34	0.0	32	94.1	34	0.0	32
<i>Control</i>	0.0	59	68.8	80	0.0	58	68.8	80	0.0	58
Total*	1.9	268	78.9	361	1.1	266	79.6	363	0.4	269

*Hospitals (CHR/CMA excluded)

Table 2.9 Patients' satisfaction

Background characteristics	2.121 Proportion of main reasons reported by patients for seeking U5YO health services						2.122 Proportion of main reasons reported by patients for seeking ANC health services					
	1-Health facility close		2- Quality of care		3-Availability of health care providers		1-Health facility close		2- Quality of care		3-Cost reduced	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
Urban	64.4	208	28.8	208	14.9	208	70.7	140	27.1	140	4.3	140
Rural	78.0	1,503	21.2	1,503	11.8	1,503	74.1	1,097	26.5	1,097	7.0	1,097
Region												
Boucle du Mouhoun	87.1	287	19.2	287	10.5	287	82.8	198	22.7	198	1.5	198
Centre Est	92.2	282	11.0	282	5.0	282	90.9	241	22.8	241	16.6	241
Centre Nord	60.1	521	25.7	521	10.0	521	68.6	369	16.5	369	1.9	369
Nord	73.0	448	24.1	448	9.2	448	67.9	296	30.7	296	7.4	296
Sud Ouest	90.8	173	28.9	173	41.6	173	56.4	133	57.9	133	8.3	133
Level of health facility												
Primary	78.3	1,613	78.3	1,613	12.2	1,613	73.8	1,195	26.4	1,195	6.9	1,195
Secondary	42.2	64	42.2	64	20.3	64	77.8	27	33.3	27	3.7	27
Private	50.0	34	50.0	34	0.0	34	60.0	15	33.3	15	0.0	15
Quintile of economic well being												
Poorest	81.0	343	21.6	343	15.2	343	68.5	248	38.7	248	4.4	248
Second quintile	72.5	342	24.9	342	15.2	342	71.7	247	21.5	247	5.7	247
Third quintile	73.1	342	21.9	342	13.2	342	80.6	248	24.6	248	6.5	248
Fourth quintile	80.7	342	22.2	342	9.6	342	75.7	247	23.9	247	13.0	247
Least poor	74.6	342	19.9	342	7.9	342	72.1	247	24.3	247	4.0	247
Sub-Total	76.4	1,711	22.1	1,711	12.2	1,711	73.7	1,237	26.6	1,237	6.7	1,237
Study zone*												
Interventions												
T1	78.8	495	18.0	495	8.9	495	75.3	385	22.6	385	6.0	385
T2	72.3	368	24.5	368	9.2	368	72.6	299	24.1	299	9.0	299
T3	74.9	370	20.3	370	5.9	370	72.1	265	20.8	265	5.7	265
T4	84.9	119	21.0	119	8.4	119	88.0	92	8.7	92	0.0	92
Control	83.4	295	25.4	295	29.2	295	66.3	169	58.0	169	10.1	169
Total*	78.8	1,647	21.8	1,647	12.3	1,647	74.9	1,210	26.8	1,210	6.1	1,210

*Hospitals (CHR/CMA excluded)

Table 2.9: Patients satisfaction

Background characteristics	2.123 Proportion of patients satisfied with ANC service		2.124 Proportion of patients satisfied with U5YO service	
	%	N	%	N
Zone of residence				
<i>Urban</i>	81.4	138	80.3	207
<i>Rural</i>	82.7	1,091	87.0	1,488
Region				
<i>Boucle du Mouhoun</i>	81.1	198	87.7	287
<i>Centre Est</i>	91.3	237	91.3	275
<i>Centre Nord</i>	81.2	368	83.2	515
<i>Nord</i>	91.0	295	85.4	446
<i>Sud Ouest</i>	53.7	131	86.2	172
Level of health facility				
<i>Primary</i>	82.7	1,187	86.4	1,597
<i>Secondary</i>	68.6	27	76.1	64
<i>Private</i>	93.5	15	92.5	34
Quintile of economic well being				
Poorest	69.8	248	84.9	339
Second quintile	81.9	244	86.2	332
Third quintile	87.4	244	85.0	340
Fourth quintile	86.1	246	86.7	342
Least poor	87.7	247	88.1	342
Sub-Total	82.6	1,229	86.2	1,695
Study zone*				
<i>Interventions</i>				
<i>T1</i>	85.5	383	89.1	485
<i>T2</i>	82.9	295	84.4	364
<i>T3</i>	88.0	263	87.9	368
<i>T4</i>	88.3	92	84.4	119
<i>Control</i>	66.0	169	84.2	295
Total*	82.1	1,202	86.0	1,631

*Hospitals (CHR/CMA excluded)

Table 2.9: Patients satisfaction (cont.)

Background characteristics	2.125 Mean perception scores on quality of health care services reported by patients (Each score scale is between 1 to 5)											
	Overall satisfaction			Satisfactions with costs and distance			Satisfactions with health care providers			Satisfactions with resources and material		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
<i>Urban</i>	2.2	0.7	316	2.2	0.6	316	3.8	0.7	34	3.8	0.5	33
<i>Rural</i>	2.4	0.9	2,347	2.3	0.8	2,341	3.8	0.5	550	3.8	0.4	554
Region												
<i>Boucle du Mouhoun</i>	3.6	0.5	69	3.3	0.6	69	3.8	0.6	69	3.8	0.4	68
<i>Centre Est</i>	2.3	0.8	1,146	2.2	0.8	1,141	3.8	0.5	225	3.8	0.4	230
<i>Centre Nord</i>	3.0	1.0	159	2.8	0.9	159	3.9	0.5	101	3.9	0.4	101
<i>Nord</i>	2.3	0.7	674	2.2	0.7	674	3.9	0.4	65	3.9	0.4	65
<i>Sud Ouest</i>	2.2	0.9	615	2.1	0.7	614	3.7	0.6	124	3.7	0.5	123
Quintile of economic well being												
Poorest	2.3	0.8	445	2.2	0.7	445	3.7	0.6	94	3.7	0.5	94
Second quintile	2.3	0.8	541	2.2	0.8	541	3.8	0.5	95	3.8	0.4	95
Third quintile	2.4	0.9	494	2.3	0.8	493	3.8	0.5	112	3.8	0.4	111
Fourth quintile	2.4	0.8	594	2.3	0.7	594	3.9	0.5	128	3.8	0.4	128
Least poor	2.4	1.0	589	2.3	0.9	584	3.8	0.6	155	3.9	0.5	159
Study zone*												
<i>Interventions</i>												
<i>T1</i>	2.2	0.8	842	2.2	0.7	842	3.7	0.5	148	3.8	0.4	148
<i>T2</i>	2.3	0.9	679	2.3	0.8	679	3.8	0.6	145	3.8	0.5	145
<i>T3</i>	2.4	0.8	738	2.3	0.7	732	4.0	0.5	133	3.9	0.4	137
<i>T4</i>	3.5	0.5	11	3.2	0.5	11	3.6	0.8	11	3.8	0.3	10
<i>Control</i>	2.5	1.0	393	2.4	0.9	393	3.8	0.5	147	3.9	0.5	147
Total*	2.3	0.9	2,663	2.3	0.8	2,657	3.8	0.5	584	3.8	0.5	587

*Hospitals (CHR/CMA excluded)

Table 2.10: Basic descriptives for variables with a large number of missing values

	2.18B Proportion of facilities with artemisinin combination (syrup) stockout in past 30 days		2.19B Proportion of facilities with sulfadoxin primethamine stockout in past 30 days		2.20B Proportion of facilities with rifampicin stockout in past 30 days		2.21B Proportion of facilities with streptomycin stockout in past 30 days	
	Frequency	%	Frequency	%	Frequency	%	Frequency	%
<i>No stockout</i>	81	18.1	147	32.8	88	19.6	48	10.7
<i>Stockout</i>	28	6.3	9	2.0	6	1.3	12	2.7
<i>Missings</i>	339	75.7	292	65.2	354	79.0	388	86.6
Total	448	100.0	448	100.0	448	100.0	448	100.0

	2.22B Proportion of facilities with isoniazid stockout in past 30 days		2.74B Proportion of facilities with IUD stockout in past 30 days		2.77B Proportion of facilities with pregnancy test kits stockout in past 30 days		2.78B Proportion of facilities with syphilis test kits stockout in past 30 days	
	Frequency	%	Frequency	%	Frequency	%	Frequency	%
<i>No stockout</i>	74	16.5	128	28.6	92	20.5	27	6.0
<i>Stockout</i>	8	1.8	7	1.6	37	8.3	2	0.5
<i>Missings</i>	366	81.7	313	69.9	319	71.2	419	93.5
Total	448	100.0	448	100.0	448	100.0	448	100.0

	2.79B Proportion of facilities with urine test kits stockout in past 30 days		2.104B Proportion of facilities with recommended antimalarial outpatient treatment (Artemether/ Lumefantrine) stockout in past 30 days		2.109B Proportion of facilities with Vitamin A stockout in past 30 days	
	Frequency	%	Frequency	%	Frequency	%
<i>No stockout</i>	183	40.9	81	18.1	102	22.8
<i>Stockout</i>	37	8.3	28	6.3	9	2.0
<i>Missings</i>	228	50.9	339	75.7	337	75.2
Total	448	100.0	448	100.0	448	100.0

No balance tables were calculated for these indicators due to missing values.

3a. Balance tables (all regions)

Balance table 3.1: Basic amenities and general equipment (all regions)

Indicators	Mean							t-test* p-value	F-test ** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
2.1 Availability of any source of electricity	0.855	0.858	0.880	0.854	0.845	0.824	0.842	0.395	0.814	1.000	1.000	1.000	1.000	1.000	1.000
2.2 Availability of any source of water supply	0.901	0.894	0.911	0.865	0.869	0.971	0.924	0.081	0.282	1.000	1.000	1.000	1.000	0.541	0.632
2.3 Availability of functioning toilets/washrooms	0.971	0.972	0.959	0.966	0.988	1.000	0.968	0.617	0.452	1.000	1.000	1.000	1.000	1.000	1.000
2.4 Availability of functional hand washing unit (water and soap)	0.596	0.616	0.685	0.534	0.553	0.735	0.526	0.001	0.036	0.151	0.313	1.000	1.000	0.239	0.382
2.5 Availability of separate toilets/washrooms for men/women	0.149	0.160	0.140	0.138	0.146	0.324	0.108	0.010	0.057	1.000	1.000	0.061	1.000	0.075	0.107
2.6 Availability of patient waiting area	0.400	0.399	0.361	0.523	0.451	0.088	0.404	0.840	0.000	0.093	1.000	0.021	1.000	0.000	0.001
2.7 Source of tele-communication (radio)	0.019	0.015	0.000	0.000	0.036	0.061	0.032	0.016	0.017	1.000	0.226	0.070	0.329	0.094	1.000
2.8 Source of tele-communication (telephone)	0.979	0.976	0.992	0.977	0.941	1.000	0.989	0.108	0.088	1.000	0.112	1.000	0.730	1.000	0.370
2.9 Availability of non-sterile gloves in consultation room	0.802	0.788	0.773	0.762	0.797	0.882	0.849	0.008	0.505	1.000	1.000	1.000	1.000	0.895	1.000
2.10 Availability of sterile examination gloves in consultation room	0.852	0.847	0.831	0.857	0.813	0.969	0.870	0.271	0.196	1.000	1.000	0.327	1.000	0.816	0.231
2.11 Availability of hand soap or sanitizer in consultation room	0.818	0.793	0.798	0.819	0.795	0.706	0.903	0.000	0.588	1.000	1.000	1.000	1.000	1.000	1.000
2.12A Availability of paracetamol (tablet)	0.995	0.997	1.000	1.000	0.987	1.000	0.988	0.010	0.410	1.000	0.768	1.000	1.000	1.000	1.000
2.12B Stockout paracetamol (tablet)	0.017	0.018	0.010	0.029	0.015	0.029	0.012	0.449	0.765	1.000	1.000	1.000	1.000	1.000	1.000
2.13A Availability of amoxicillin (tablet, capsule)	0.955	0.966	0.955	0.959	0.973	1.000	0.914	0.000	0.619	1.000	1.000	1.000	1.000	1.000	1.000

2.13B Stockout amoxicillin (tablet, capsule)	0.040	0.041	0.030	0.059	0.060	0.000	0.038	0.819	0.404	1.000	1.000	1.000	1.000	0.951	0.921
2.14A Availability of cotrimoxazole	0.960	0.952	0.937	0.932	0.973	1.000	0.988	0.005	0.306	1.000	1.000	0.827	1.000	0.767	1.000
2.14B Stockout cotrimoxazole	0.040	0.049	0.050	0.091	0.030	0.000	0.012	0.006	0.192	1.000	1.000	1.000	0.639	0.277	1.000
2.15A Availability of quinin (tablet)	0.965	0.966	0.946	0.986	0.960	1.000	0.963	0.817	0.318	0.850	1.000	0.781	1.000	1.000	1.000
2.15B Stockout quinine (tablet)	0.038	0.050	0.051	0.046	0.047	0.059	0.000	0.000	0.993	1.000	1.000	1.000	1.000	1.000	1.000
2.16A Availability of quinine (injectable)	0.989	0.990	1.000	0.973	0.986	1.000	0.988	0.745	0.300	0.436	1.000	1.000	1.000	1.000	1.000
2.16B Stockout quinine (injectable)	0.012	0.015	0.000	0.048	0.016	0.000	0.000	0.045	0.091	0.094	1.000	1.000	0.845	0.407	1.000
2.17A Availability of artemisinin combination (tablet)	0.984	0.990	0.991	0.972	1.000	1.000	0.963	0.000	0.350	1.000	1.000	1.000	0.582	1.000	1.000
2.17B Stockout artemisinin combination (tablet)	0.003	0.004	0.000	0.016	0.000	0.000	0.000	0.318	0.360	0.640	1.000	1.000	0.855	1.000	1.000
2.18A Availability of artemisinin combination (syrup)	0.239	0.227	0.225	0.238	0.362	0.029	0.277	0.098	0.005	1.000	0.469	0.137	0.940	0.170	0.002
2.19A Availability of sulfadoxin pyrimethamine	0.458	0.459	0.573	0.224	0.250	0.879	0.455	0.890	0.000	0.000	0.000	0.007	1.000	0.000	0.000
2.20A Availability of rifampicin	0.273	0.274	0.373	0.209	0.149	0.333	0.271	0.939	0.036	0.351	0.049	1.000	1.000	1.000	0.401
2.21A Availability of streptomycin	0.085	0.089	0.113	0.051	0.067	0.121	0.073	0.437	0.618	1.000	1.000	1.000	1.000	1.000	1.000
2.22A Availability of isoniazid	0.206	0.217	0.297	0.119	0.111	0.333	0.169	0.118	0.015	0.170	0.117	1.000	1.000	0.145	0.106
2.23 Availability of electric autoclave (pressure plus wet heat)	0.032	0.035	0.034	0.035	0.026	0.059	0.023	0.247	0.861	1.000	1.000	1.000	1.000	1.000	1.000
2.24 Availability of non-electric autoclave (pressure plus wet heat)	0.070	0.080	0.093	0.035	0.013	0.294	0.034	0.003	0.000	0.708	0.215	0.001	1.000	0.000	0.000
2.25 Availability of electric sterilizer (dry heat)	0.005	0.006	0.000	0.012	0.013	0.000	0.000	0.158	0.597	1.000	1.000	1.000	1.000	1.000	1.000
2.26 Availability of electric steamer (wet heat)	0.035	0.032	0.042	0.047	0.013	0.000	0.046	0.156	0.384	1.000	1.000	1.000	1.000	1.000	1.000
2.27 Availability of non-electric steamer (wet heat)	0.790	0.808	0.773	0.859	0.848	0.706	0.724	0.000	0.143	0.755	1.000	1.000	1.000	0.337	0.473

* intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.2: Correct management of the patient (all regions)

Indicators	Mean							t-test* p-value	F-test ** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T3-T2	T4-T1	T4-T2	T4-T3
2.28: Proportion of all ANC cases receiving iron and folate supplementation	0.909	0.910	0.945	0.890	0.900	0.857	0.904	0.510	0.013	0.071	0.304	0.049	1.000	1.000	1.000
2.29: Proportion of first and second visit ANC cases receiving tetanus prophylaxis	0.784	0.782	0.827	0.792	0.763	0.556	0.800	0.605	0.335	1.000	1.000	0.427	1.000	0.709	1.000
2.30: Proportion of second and third visit ANC cases receiving malaria prophylaxis (IPTp)	0.447	0.456	0.463	0.491	0.385	0.532	0.396	0.004	0.176	1.000	0.905	1.000	0.360	1.000	0.472
2.31: Proportion of all ANC cases receiving counselling on nutrition/ diet during pregnancy	0.105	0.108	0.125	0.128	0.091	0.022	0.084	0.012	0.018	1.000	1.000	0.026	0.999	0.027	0.396
2.32: Proportion of all ANC cases receiving counselling on pregnancy danger signs	0.470	0.490	0.534	0.508	0.458	0.341	0.341	0.000	0.006	1.000	0.345	0.005	1.000	0.030	0.318
2.33: Proportion of all ANC cases receiving counselling on postpartum family	0.040	0.035	0.028	0.055	0.027	0.022	0.075	0.000	0.173	0.361	1.000	1.000	0.432	0.806	1.000
2.34: Proportion of all ANC cases receiving counselling on place of delivery	0.173	0.170	0.161	0.161	0.235	0.044	0.192	0.059	0.000	1.000	0.083	0.042	0.110	0.055	0.000
2.35: Proportion of all ANC cases receiving counselling on use of SBA during delivery	0.264	0.260	0.235	0.311	0.312	0.044	0.293	0.013	0.000	0.138	0.161	0.001	1.000	0.000	0.000
2.36: Proportion of all ANC cases receiving counselling on pregnancy preparedness plan	0.160	0.167	0.162	0.171	0.194	0.099	0.114	0.000	0.212	1.000	1.000	0.887	1.000	0.652	0.218
2.37: Proportion of all ANC cases receiving counselling on emergency preparedness plan	0.387	0.402	0.397	0.458	0.451	0.099	0.293	0.000	0.000	0.610	0.995	0.000	1.000	0.000	0.000

2.38: Proportion of first visit ANC cases having been offered HIV screening (VCT)	0.672	0.666	0.733	0.640	0.645	0.541	0.714	0.052	0.119	0.726	1.000	0.167	1.000	1.000	1.000
2.39: Proportion of first visit ANC cases having been offered syphilis screening	0.071	0.072	0.075	0.054	0.130	0.000	0.061	0.414	0.065	1.000	0.811	0.721	0.290	1.000	0.074
2.40: Proportion of all ANC cases undergoing BP screening	0.900	0.890	0.943	0.848	0.383	0.956	0.964	0.000	0.000	0.000	0.000	1.000	1.000	0.022	0.010
2.41: Proportion of all ANC cases undergoing weight check	0.968	0.968	0.990	0.966	0.936	0.978	0.964	0.437	0.002	0.505	0.001	1.000	0.227	1.000	0.280
2.42: Proportion of all ANC cases undergoing hemoglobin screening	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.43: Proportion of first visit ANC cases undergoing urine protein screening	0.528	0.530	0.519	0.486	0.608	0.541	0.510	0.461	0.438	1.000	1.000	1.000	0.639	1.000	1.000
2.44: Proportion of all ANC cases being asked about symptoms of headache or blurred vision	0.285	0.304	0.327	0.292	0.360	0.088	0.168	0.000	0.000	1.000	1.000	0.000	0.468	0.001	0.000
2.45: Proportion of all ANC cases being asked about symptoms of edema on limbs or face	0.258	0.273	0.268	0.279	0.327	0.121	0.162	0.000	0.002	1.000	0.574	0.028	1.000	0.017	0.001
2.46: Proportion of first visit ANC cases being asked about number of previous pregnancies	0.880	0.869	0.846	0.845	0.883	1.000	0.959	0.000	0.074	1.000	1.000	0.081	1.000	0.095	0.495
2.47: Proportion of first visit ANC cases being asked about date of last menstrual period	0.536	0.511	0.467	0.575	0.440	0.639	0.714	0.00	0.082	0.559	1.000	0.396	0.433	1.000	0.298
2.48: Proportion of first visit ANC cases being asked about currently used medications	0.183	0.166	0.162	0.178	0.184	0.111	0.306	0.000	0.783	1.000	1.000	1.000	1.000	1.000	1.000

* intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.3: Availability of services – maternal health (all regions)

Indicators	Mean							t-test* p-value	F-test** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
2.51: Proportion of health facilities having vehicle available for emergency patient transports	0.205	0.200	0.218	0.161	0.176	0.294	0.221	0.340	0.357	1.000	1.000	1.000	1.000	0.606	0.892
2.52: Proportion of primigravid among all women observed to attend ANC clinics	0.218	0.225	0.247	0.232	0.208	0.156	0.179	0.000	0.248	1.000	1.000	0.363	1.000	0.782	1.000
2.53: Proportion of first ANC visits among all women observed to attend ANC services	0.782	0.775	0.753	0.768	0.792	0.844	0.821	0.000	0.248	1.000	1.000	0.363	1.000	0.782	1.000
2.54: Mean duration in minutes of first visit ANC consultations	19.257	18.516	18.727	16.015	17.727	32.071	24.767	0.000	0.001	1.000	1.000	0.003	1.000	0.000	0.002
2.55: Mean duration in minutes of follow-up visit ANC consultations	18.564	17.937	18.076	17.617	18.029	18.145	22.139	0.000	0.950	1.000	1.000	1.000	1.000	1.000	1.000

* intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.4: Number and training of staff member – maternal health (all regions)

Indicators	Mean							t-test* p-value	F-test** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
2.56: Proportion of skilled birth attendants	0.622	0.594	0.550	0.679	0.541	0.528	0.706	0.000	0.000	0.000	1.000	1.000	0.000	0.000	1.000
2.57: Percentage of skilled birth attendants providing ANC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.58: Proportion of SBAs with sufficient knowledge on pre-eclampsia	0.125	0.108	0.103	0.121	0.098	0.119	0.189	0.000	0.861	1.000	1.000	1.000	1.000	1.000	1.000

* intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.5: Availability of materials – maternal health (all regions)

Indicators	Mean							t-test* p-value	F-test** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
2.59: Availability of disposable syringes	0.708	0.697	0.653	0.714	0.709	0.788	0.744	0.071	0.466	1.000	1.000	0.819	1.000	1.000	1.000
2.60: Availability of IV kits	0.293	0.284	0.285	0.233	0.310	0.353	0.323	0.127	0.539	1.000	1.000	1.000	1.000	1.000	1.000
2.62A: Availability of diazepam (injectable)	0.840	0.841	0.854	0.814	0.826	0.882	0.838	0.889	0.790	1.000	1.000	1.000	1.000	1.000	1.000
2.62B: Stockout diazepam (injectable)	0.096	0.116	0.075	0.140	0.189	0.063	0.030	0.000	0.159	1.000	0.275	1.000	1.000	1.000	0.476
2.63A: Availability of Oxytocin	0.814	0.799	0.806	0.757	0.732	1.000	0.864	0.007	0.010	1.000	1.000	0.087	1.000	0.022	0.008
2.63B: Stockout Oxytocin	0.008	0.011	0.014	0.000	0.024	0.000	0.000	0.158	0.665	1.000	1.000	1.000	1.000	1.000	1.000
2.64: Availability of balloon-mask for newborns	0.268	0.284	0.319	0.333	0.300	0.000	0.215	0.007	0.001	1.000	1.000	0.001	1.000	0.002	0.006

2.65: Availability of blood bank fridge	0.007	0.010	0.009	0.012	0.013	0.000	0.000	0.083	0.925	1.000	1.000	1.000	1.000	1.000	1.000
2.66: Functionality adult scale	0.955	0.949	0.983	0.931	0.911	0.968	0.978	0.019	0.124	0.599	0.165	1.000	1.000	1.000	1.000
2.67: Availability of light in delivery room	0.829	0.832	0.832	0.869	0.810	0.794	0.817	0.474	0.698	1.000	1.000	1.000	1.000	1.000	1.000
2.68: Functionality BP machine	0.978	0.971	0.958	1.000	0.975	0.939	1.000	0.003	0.212	0.456	1.000	1.000	1.000	0.467	1.000
2.69: Functionality fetoscope	0.988	0.984	0.974	0.988	0.988	1.000	1.000	0.025	0.727	1.000	1.000	1.000	1.000	1.000	1.000
2.70.1A: Availability of condoms (male)	0.926	0.920	0.889	0.918	0.972	0.912	0.951	0.055	0.261	1.000	0.281	1.000	1.000	1.000	1.000
2.70.1B: Stockout condoms (male)	0.044	0.053	0.074	0.066	0.000	0.067	0.013	0.006	0.229	1.000	0.300	1.000	0.675	1.000	1.000
2.70.2A: Availability of condoms (female)	0.881	0.868	0.857	0.917	0.928	0.676	0.926	0.004	0.002	1.000	1.000	0.037	1.000	0.004	0.002
2.70.2B: Stockout condoms (female)	0.027	0.036	0.035	0.033	0.019	0.083	0.000	0.004	0.568	1.000	1.000	1.000	1.000	1.000	0.952
2.71A: Availability of oral contraceptives	0.888	0.905	0.917	0.904	0.873	0.939	0.827	0.000	0.694	1.000	1.000	1.000	1.000	1.000	1.000
2.71B: Stockout oral contraceptives	0.010	0.013	0.011	0.000	0.019	0.031	0.000	0.083	0.641	1.000	1.000	1.000	1.000	1.000	1.000
2.72A: Availability of injectable contraceptive	0.959	0.962	0.954	0.973	0.958	0.971	0.951	0.358	0.918	1.000	1.000	1.000	1.000	1.000	1.000
2.72B: Stockout injectable contraceptive	0.018	0.024	0.022	0.047	0.017	0.000	0.000	0.014	0.505	1.000	1.000	1.000	1.000	0.943	1.000
2.73A: Availability of contraceptive implants	0.790	0.793	0.824	0.789	0.733	0.824	0.779	0.587	0.568	1.000	1.000	1.000	1.000	1.000	1.000
2.73B: Stockout contraceptive implants	0.040	0.052	0.053	0.043	0.051	0.067	0.000	0.001	0.975	1.000	1.000	1.000	1.000	1.000	1.000
2.74A: Availability of IUD	0.407	0.395	0.467	0.340	0.308	0.455	0.446	0.134	0.225	0.942	0.436	1.000	1.000	1.000	1.000
2.75A Availability of malaria test kit (rapid test)	0.331	0.345	0.350	0.254	0.273	0.647	0.284	0.038	0.000	1.000	1.000	0.008	1.000	0.000	0.001
2.75B Stockout malaria test kit (rapid test)	0.498	0.529	0.575	0.595	0.535	0.310	0.350	0.000	0.074	1.000	1.000	0.094	1.000	0.109	0.364
2.76A Availability of HIV test kit (rapid test)	0.691	0.699	0.772	0.676	0.627	0.667	0.667	0.254	0.208	1.000	0.271	1.000	1.000	1.000	1.000
2.76B Stockout HIV test kit (rapid test)	0.081	0.105	0.063	0.093	0.146	0.179	0.000	0.000	0.277	1.000	0.963	0.532	1.000	1.000	1.000

2.77A Availability of pregnancy test kit (rapid test)	0.277	0.325	0.393	0.175	0.113	0.735	0.074	0.000	0.000	0.019	0.001	0.001	1.000	0.000	0.000
2.78A Availability of syphilis test kit (rapid test)	0.013	0.011	0.016	0.024	0.000	0.000	0.019	0.333	0.658	1.000	1.000	1.000	1.000	1.000	1.000
2.79A Availability of urine test kit (rapid test)	0.588	0.592	0.684	0.507	0.439	0.794	0.571	0.488	0.000	0.126	0.009	1.000	1.000	0.029	0.003

* intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.6: Correct management of the patient –children consultation (all regions)

Indicators	Mean							t-test*	F-test**	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C	p-value	p-value	T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
2.80: Proportion of cases asked for (breast-) feeding behavior / food intake	0.385	0.407	0.468	0.361	0.351	0.470	0.283	0.000	0.001	0.009	0.003	1.000	1.000	0.211	0.133
2.81: Proportion of cases asked for convulsions	0.185	0.206	0.220	0.186	0.202	0.220	0.088	0.000	0.631	1.000	1.000	1.000	1.000	1.000	1.000
2.82: Proportion of cases asked for diarrhea	0.721	0.741	0.702	0.703	0.773	0.924	0.631	0.000	0.000	1.000	0.104	0.000	0.173	0.000	0.006
2.83: Proportion of cases asked for cough or difficult breathing	0.805	0.827	0.811	0.814	0.824	0.949	0.704	0.000	0.003	1.000	1.000	0.002	1.000	0.004	0.010
2.84: Proportion of cases asked for ear problem	0.199	0.209	0.209	0.201	0.217	0.203	0.156	0.000	0.962	1.000	1.000	1.000	1.000	1.000	1.000
2.85: Proportion of cases asked for fever	0.854	0.851	0.814	0.847	0.864	0.975	0.868	0.078	0.000	1.000	0.241	0.000	1.000	0.004	0.018
2.86: Proportion of cases checked for respiratory signs	0.744	0.750	0.741	0.714	0.788	0.797	0.708	0.016	0.353	1.000	1.000	1.000	0.697	1.000	1.000
2.87: Proportion of cases asked checked for dehydration	0.533	0.538	0.528	0.562	0.506	0.600	0.508	0.309	0.807	1.000	1.000	1.000	1.000	1.000	1.000
2.88: Proportion of cases checked for hyperthermia/hypothermia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2.89: Proportion of cases checked for weight	0.625	0.608	0.659	0.646	0.501	0.621	0.700	0.000	0.000	1.000	0.000	1.000	0.000	1.000	0.123
2.90: Proportion of cases checked for vaccination status	0.440	0.461	0.496	0.390	0.443	0.593	0.344	0.000	0.000	0.013	0.742	0.335	0.881	0.001	0.026
2.91: Proportion of cases asked for considerable vomiting	0.582	0.612	0.640	0.575	0.562	0.771	0.444	0.000	0.000	0.310	0.114	0.050	1.000	0.001	0.000
2.92: Proportion of cases asked for lethargic state	0.130	0.146	0.176	0.123	0.113	0.203	0.054	0.000	0.010	0.179	0.059	1.000	1.000	0.183	0.091
2.93A: Proportion of cases checked for anemia	0.671	0.697	0.679	0.680	0.710	0.788	0.548	0.000	0.103	1.000	1.000	0.122	1.000	0.158	0.636
2.93B: Proportion of cases checked for oedema	0.401	0.430	0.442	0.427	0.349	0.644	0.272	0.000	0.000	1.000	0.033	0.000	0.181	0.000	0.000
2.94: Proportion of indicated cases instructed on fluid intake	0.033	0.031	0.078	0.000	0.000	0.000	0.042	0.501	0.102	0.252	0.288	0.953	1.000	1.000	1.000
2-95A: Proportion of diarrhea cases prescribed on treatment	0.974	0.969	0.972	0.986	0.963	0.935	1.000	0.003	0.573	1.000	1.000	1.000	1.000	1.000	1.000

Balance table 3.7: Number and training of staff member –child health (all regions)

Indicators	Mean							t-test* p-value	F-test** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
2.96A: Proportion of infection cases prescribed on treatment	0.962	0.961	0.993	0.954	0.935	0.939	0.966	0.648	0.093	0.591	0.112	0.910	1.000	1.000	1.000
2.97A: Proportion of malaria cases prescribed on treatment	0.960	0.966	0.969	0.955	0.971	0.976	0.936	0.001	0.864	1.000	1.000	1.000	1.000	1.000	1.000
2-98: Proportion of cases instructed to return immediately if deterioration	0.231	0.253	0.242	0.263	0.248	0.280	0.128	0.000	0.799	1.000	1.000	1.000	1.000	1.000	1.000
2-99: Proportion of U5YO providers	0.991	0.992	0.994	0.995	0.990	0.980	0.987	0.106	0.520	1.000	1.000	1.000	1.000	1.000	1.000
2-100: Proportion of U5YO															

providers with knowledge in vaccination schedule																
2-101A: Proportion of U5YO providers with knowledge in management of severe dehydration	1.841	1.815	1.823	1.816	1.768	1.871	1.938	0.000	0.858	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2-101B: Proportion of U5YO providers with knowledge in management of ear infection	7.825	7.813	7.758	7.739	7.830	8.119	7.868	0.346	0.247	1.000	1.000	0.348	1.000	0.374	0.963	
2-101C: Proportion of U5YO providers with knowledge in management of severe respiratory infection	7.627	7.687	7.708	7.638	7.644	7.802	7.405	0.000	0.865	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2-101D: Proportion of U5YO providers with knowledge in management of severely ill newborn	1.913	1.954	1.903	2.010	1.964	1.990	1.762	0.000	0.478	0.846	1.000	1.000	1.000	1.000	1.000	1.000
2-102: Proportion of health facilities with appropriate fridge temperature checking/control	0.978	0.972	0.975	0.976	0.976	0.938	1.000	0.003	0.681	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Balance table 3.8: Availability of services and materials –child health (all regions)

Indicators	Mean							t-test* p-value	F-test ** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T3-T2	T4-T1	T4-T2	T4-T3
2.103: Percentage of health facilities providing immunization services continuous (week)	0.279	0.312	0.346	0.269	0.372	0.091	0.163	0.000	0.056	1.000	1.000	0.113	0.992	0.658	0.072
2.104A: Availability of recommended antimalarial outpatient treatment (Arthemether/Lumefantrine)	0.239	0.227	0.225	0.238	0.362	0.029	0.277	0.098	0.005	1.000	0.469	0.137	0.940	0.170	0.002

2.105A: Availability of recommended antimalarial outpatient treatment (Artesunate/Amodiaquine)	0.737	0.704	0.673	0.694	0.813	0.588	0.854	0.000	0.071	1.000	0.237	1.000	0.681	1.000	0.102
2.105B: Stockout of recommended antimalarial outpatient treatment (Artesunate/Amodiaquine)	0.194	0.243	0.278	0.250	0.138	0.345	0.027	0.000	0.104	1.000	0.252	1.000	0.875	1.000	0.188
2.106A: Availability of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral Amoxicillin)	0.928	0.929	0.946	0.904	0.920	0.941	0.927	0.908	0.718	1.000	1.000	1.000	1.000	1.000	1.000
2.106B: Stockout of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral Amoxicillin)	0.069	0.081	0.059	0.118	0.090	0.059	0.026	0.001	0.538	1.000	1.000	1.000	1.000	1.000	1.000
2.107A: Availability of recommended 2nd line antibiotic for outpatient treatment of ear/respiratory infection (oral Cotrimoxazole)	0.877	0.874	0.874	0.918	0.800	0.941	0.890	0.396	0.095	1.000	0.817	1.000	0.187	1.000	0.239
2.107B: Stockout of recommended 2nd line antibiotic for outpatient treatment of ear/respiratory infection (oral Cotrimoxazole)	0.107	0.122	0.102	0.088	0.206	0.088	0.053	0.001	0.131	1.000	0.291	1.000	0.235	1.000	0.538
2.108A: Availability of ORS sachet	0.851	0.872	0.899	0.863	0.795	0.971	0.778	0.000	0.053	1.000	0.229	1.000	1.000	0.718	0.067
2.108B: Stckout of ORS sachet	0.089	0.093	0.090	0.091	0.150	0.000	0.074	0.290	0.126	1.000	1.000	0.732	1.000	0.848	0.104
2.109A: Availability of Vitamin A	0.280	0.287	0.379	0.186	0.116	0.483	0.255	0.333	0.001	0.153	0.015	1.000	1.000	0.031	0.004
2.110A: Availability of oral Paracetamol (syrup)	0.901	0.908	0.875	0.932	0.920	0.941	0.875	0.050	0.474	1.000	1.000	1.000	1.000	1.000	1.000
2.110B: Stockout of oral Paracetamol (syrup)	0.093	0.100	0.137	0.090	0.090	0.030	0.067	0.067	0.323	1.000	1.000	0.462	1.000	1.000	1.000
2.111: Functionality of infant/child weighing scale	0.981	0.994	0.984	1.000	1.000	1.000	0.949	0.000	0.669	1.000	1.000	1.000	1.000	1.000	1.000

2.112: Functionality of thermometer	0.995	0.994	0.992	1.000	0.988	1.000	1.000	0.158	0.735	1.000	1.000	1.000	1.000	1.000	1.000
2.113: Functionality of fridge	0.988	0.984	0.983	0.988	0.976	1.000	1.000	0.025	0.821	1.000	1.000	1.000	1.000	1.000	1.000
2.114.a: Availability of outreach material (cooler)	0.968	0.962	0.949	1.000	0.976	0.875	0.989	0.012	0.012	0.376	1.000	0.302	1.000	0.010	0.065
2.114.b: Availability of outreach material (icebox)	0.965	0.961	0.957	0.964	0.951	1.000	0.978	0.125	0.683	1.000	1.000	1.000	1.000	1.000	1.000
2.114.c: Availability of outreach material (freezer)	0.039	0.044	0.059	0.048	0.012	0.063	0.022	0.053	0.407	1.000	0.678	1.000	1.000	1.000	1.000
2.115.a: Availability of syringes	0.797	0.803	0.765	0.840	0.753	0.968	0.780	0.328	0.041	1.000	1.000	0.071	1.000	0.753	0.067
2.115.b: Availability of other inputs for immunization (gauze, skin disinfectant, box safety syringes, needles)	0.072	0.087	0.103	0.049	0.013	0.313	0.022	0.000	0.000	1.000	0.135	0.001	1.000	0.000	0.000
2.115.c: Availability of vaccination cards	0.254	0.290	0.312	0.160	0.152	0.903	0.133	0.000	0.000	0.061	0.042	0.000	1.000	0.000	0.000
2.116A: Availability of BCG vaccine	0.760	0.780	0.852	0.718	0.652	0.941	0.688	0.000	0.001	0.190	0.009	1.000	1.000	0.052	0.005
2.116B: Stockout BCG vaccine	0.034	0.043	0.025	0.061	0.089	0.000	0.00	0.003	0.194	1.000	0.548	1.000	1.000	1.000	0.362
2.117A: Availability of OPV vaccine	0.790	0.816	0.850	0.761	0.757	0.941	0.700	0.000	0.059	0.772	0.698	1.000	1.000	0.153	0.139
2.117B: Stockout OPV vaccine	0.015	0.019	0.025	0.000	0.041	0.000	0.000	0.045	0.401	1.000	1.000	1.000	0.846	1.000	1.000
2.118A: Availability of DPT vaccine	0.788	0.813	0.861	0.718	0.771	0.941	0.700	0.000	0.016	0.096	0.785	1.00	1.000	0.036	0.217
2.118B: Stockout DPT vaccine	0.019	0.024	0.012	0.043	0.041	0.000	0.000	0.025	0.472	1.000	1.000	1.000	1.000	1.000	1.000
2.119A: Availability of measles vaccine	0.789	0.819	0.850	0.761	0.768	0.941	0.688	0.000	0.073	0.760	0.991	1.000	1.000	0.148	0.192
2.119B: Stockout measles vaccine	0.011	0.014	0.025	0.000	0.021	0.000	0.000	0.083	0.599	1.000	1.000	1.000	1.000	1.000	1.000
2.120A: Availability of TT vaccine	0.796	0.827	0.870	0.761	0.771	0.941	0.688	0.000	0.041	0.340	0.522	1.000	1.000	0.131	0.189
2.120B: Stockout TT vaccine	0.004	0.005	0.000	0.000	0.020	0.000	0.000	0.318	0.349	1.000	0.611	1.000	0.873	1.000	1.000

Balance table 3.9: Patients satisfaction (all regions)

Indicators		Mean							t-test* p-value	F-test ** p-value	p (F-test)					
		Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
2.121: Proportion of main reasons reported by patients for seeking U5YO health services	1-Health facility close	0.777	0.765	0.788	0.723	0.749	0.849	0.834	0.000	0.016	0.154	1.000	0.955	1.000	0.029	0.150
	2- Quality of care	0.215	0.206	0.180	0.245	0.203	0.210	0.254	0.000	0.142	0.121	1.000	1.000	0.960	1.000	1.000
	3-Availability of health care providers	0.119	0.081	0.089	0.092	0.059	0.084	0.292	0.000	0.340	1.000	0.705	1.000	0.613	1.000	1.000
2.122: Proportion of main reasons reported by patients for seeking ANC health services	1-Health facility close	0.736	0.748	0.753	0.726	0.721	0.880	0.663	0.000	0.015	1.000	1.000	0.069	1.000	0.017	0.014
	2-Quality of care	0.264	0.213	0.226	0.241	0.208	0.087	0.580	0.000	0.014	1.000	1.000	0.021	1.000	0.010	0.089
	3-Cost reduced	0.068	0.062	0.060	0.090	0.057	0.000	0.101	0.000	0.016	0.603	1.000	0.198	0.588	0.010	0.316
2.123: Proportion of patients satisfied with ANC service		0.829	0.856	0.855	0.829	0.880	0.883	0.660	0.000	0.010	0.483	0.706	1.000	0.013	0.123	1.000
2.124: Proportion of Patients satisfaction after U5YO consultations		0.866	0.871	0.891	0.844	0.879	0.844	0.842	0.000	0.002	0.003	1.000	0.115	0.103	1.000	0.573
2.125: Mean perception scores on quality of health care services reported by patients (Each score scale is between 1 to 5)	Overall satisfaction	2.344	2.315	2.250	2.327	2.360	3.498	2.512	0.000	0.000	0.422	0.050	0.000	1.000	0.000	0.000
	Satisfactions with costs and distance	2.259	2.237	2.178	2.257	2.274	3.212	2.381	0.000	0.000	0.236	0.064	0.000	1.000	0.000	0.000
	Satisfactions with health care providers	3.814	3.814	3.714	3.803	3.955	3.609	3.814	0.989	0.002	0.976	0.001	1.000	0.125	1.000	0.265
	Satisfactions with resources and material	3.823	3.811	3.755	3.795	3.886	3.833	3.859	0.023	0.096	1.000	0.083	1.000	0.547	1.000	1.000

3b. Balance table: Boucle Du Mouhoun

Balance table 3.1: Basic amenities and general equipment (Boucle Du Mouhoun)

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
2.1 Availability of any source of electricity	0.881	0.873	0.931	0.824	0.905	0.456	0.208	0.208
2.2 Availability of any source of water supply	0.988	0.984	1.000	0.971	1.000	0.321	0.360	0.360
2.3 Availability of functioning toilets/washrooms	-	-	-	-	-	-	-	-
2.4 Availability of functional hand washing unit (water and soap)	0.738	0.746	0.759	0.735	0.714	0.568	0.835	0.835
2.5 Availability of separate toilets/washrooms for men/women	0.253	0.290	0.250	0.324	0.143	0.014	0.533	0.533
2.6 Availability of patient waiting area	0.145	0.081	0.071	0.088	0.333	0.000	0.813	0.813
2.7 Source of tele-communication (radio)	0.049	0.033	0.000	0.061	0.095	0.009	0.191	0.191
2.8 Source of tele-communication (telephone)	-	-	-	-	-	-	-	-
2.9 Availability of non-sterile gloves in consultation room	0.940	0.937	1.000	0.882	0.952	0.610	0.058	0.058
2.10 Availability of sterile examination gloves in consultation room	0.963	0.983	1.000	0.969	0.905	0.000	0.354	0.354
2.11 Availability of hand soap or sanitizer in consultation room	0.821	0.762	0.828	0.706	1.000	0.000	0.265	0.265
2.12A Availability of paracetamol (tablet)	-	-	-	-	-	-	-	-
2.12B Stockout paracetamol (tablet)	0.024	0.016	0.000	0.029	0.050	0.035	0.360	0.360
2.13A Availability of amoxicillin (tablet, capsule)	0.952	0.984	0.966	1.000	0.850	0.000	0.282	0.282
2.13B Stockout amoxicillin (tablet, capsule)	-	-	-	-	-	-	-	-
2.14A Availability of cotrimoxazole	0.951	0.952	0.897	1.000	0.950	0.953	0.060	0.060
2.14B Stockout cotrimoxazole	0.037	0.032	0.069	0.000	0.053	0.352	0.124	0.124
2.15A Availability of quinin (tablet)	0.952	0.952	0.897	1.000	0.950	0.930	0.056	0.056
2.15B Stockout quinin (tablet)	0.038	0.049	0.037	0.059	0.000	0.083	0.702	0.702
2.16A Availability of quinine (injectable)	-	-	-	-	-	-	-	-
2.16B Stockout quinine (injectable)	-	-	-	-	-	-	-	-
2.17A Availability of artemisinin combination (tablet)	-	-	-	-	-	-	-	-

2.17B Stockout artemisinin combination (tablet)	-	-	-	-	-	-	-	-
2.18A Availability of artemisinin combination (syrup)	0.036	0.016	0.000	0.029	0.100	0.000	0.360	0.360
2.19A Availability of sulfadoxin pyrimethamine	0.793	0.919	0.966	0.879	0.400	0.000	0.217	0.217
2.20A Availability of rifampicin	0.316	0.367	0.407	0.333	0.158	0.002	0.561	0.561
2.21A Availability of streptomycin	0.101	0.100	0.074	0.121	0.105	0.893	0.553	0.553
2.22A Availability of isoniazid	0.291	0.367	0.407	0.333	0.053	0.000	0.561	0.561
2.23 Availability of electric autoclave (pressure plus wet heat)	0.072	0.081	0.107	0.059	0.048	0.347	0.495	0.495
2.24 Availability of non-electric autoclave (pressure plus wet heat)	0.217	0.242	0.179	0.294	0.143	0.076	0.298	0.298
2.25 Availability of electric sterilizer (dry heat)	-	-	-	-	-	-	-	-
2.26 Availability of electric steamer (wet heat)	0.036	0.032	0.071	0.000	0.048	0.500	0.117	0.117
2.27 Availability of non-electric steamer (wet heat)	0.663	0.758	0.821	0.706	0.381	0.000	0.298	0.298

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.2: Correct management of the patient (Boucle Du Mouhoun)

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
2.28: Proportion of all ANC cases receiving iron and folate supplementation	0.929	0.918	1.000	0.857	0.975	0.010	0.001	0.001
2.29: Proportion of first and second visit ANC cases receiving tetanus prophylaxis	0.700	0.647	0.750	0.226	1.000	0.009	0.434	0.434
2.30: Proportion of second and third visit ANC cases receiving malaria prophylaxis (IPTp)	0.560	0.552	0.575	0.532	0.586	0.522	0.691	0.691
2.31: Proportion of all ANC cases receiving counselling on nutrition/ diet during pregnancy	0.025	0.032	0.045	0.022	0.000	0.025	0.422	0.422
2.32: Proportion of all ANC cases receiving counselling on pregnancy danger signs	0.308	0.361	0.388	0.341	0.100	0.000	0.543	0.543
2.33: Proportion of all ANC cases receiving counselling on postpartum family	0.016	0.019	0.015	0.022	0.000	0.083	0.750	0.750
2.34: Proportion of all ANC cases receiving counselling on place of delivery	0.076	0.057	0.075	0.044	0.150	0.000	0.414	0.414
2.35: Proportion of all ANC cases receiving counselling on use	0.116	0.101	0.179	0.044	0.175	0.003	0.005	0.005

of SBA during delivery								
2.36: Proportion of all ANC cases receiving counselling on pregnancy preparedness plan	0.096	0.114	0.134	0.099	0.025	0.001	0.492	0.492
2.37: Proportion of all ANC cases receiving counselling on emergency preparedness plan	0.141	0.127	0.164	0.099	0.200	0.006	0.225	0.225
2.38: Proportion of first visit ANC cases having been offered HIV screening (VCT)	0.516	0.542	0.545	0.541	0.200	0.000	0.971	0.971
2.39: Proportion of first visit ANC cases having been offered syphilis screening	-	-	-	-	-	-	-	-
2.40: Proportion of all ANC cases undergoing BP screening	0.954	0.949	0.939	0.956	0.975	0.142	0.642	0.642
2.41: Proportion of all ANC cases undergoing weight check	0.990	0.987	1.000	0.978	1.000	0.158	0.225	0.225
2.43: Proportion of first visit ANC cases undergoing urine protein screening	0.444	0.448	0.286	0.541	0.400	0.467	0.062	0.062
2.44: Proportion of all ANC cases being asked about symptoms of headache or blurred vision	0.096	0.114	0.149	0.088	0.025	0.001	0.233	0.233
2.45: Proportion of all ANC cases being asked about symptoms of edema on limbs or face	0.106	0.127	0.134	0.121	0.025	0.000	0.803	0.803
2.46: Proportion of first visit ANC cases being asked about number of previous pregnancies	0.938	0.933	0.826	1.000	1.000	0.045	0.008	0.008
2.47: Proportion of first visit ANC cases being asked about date of last menstrual period	0.500	0.492	0.261	0.639	0.600	0.104	0.004	0.004
2.48: Proportion of first visit ANC cases being asked about currently used medications	0.078	0.068	0.000	0.111	0.200	0.000	0.101	0.101

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.3: Availability of services – maternal health (Boucle Du Mouhoun)

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
2.49: Proportion of health facilities offering ANC services at least once per week	-	-	-	-	-	-	-	-
2.51: Proportion of health facilities having vehicle available for emergency patient transports	0.214	0.254	0.207	0.294	0.095	0.006	0.436	0.436
2.52: Proportion of primigravid among all women observed to	0.177	0.191	0.239	0.156	0.122	0.030	0.192	0.192

attend ANC clinics								
2.53: Proportion of first ANC visits among all women observed to attend ANC services	0.823	0.809	0.761	0.844	0.878	0.030	0.192	0.192
2.54: Mean duration in minutes of first visit ANC consultations	25.656	25.556	18.538	32.071	26.200	0.915	0.265	0.265
2.55: Mean duration in minutes of follow-up visit ANC consultations	19.302	18.405	18.800	18.145	22.444	0.000	0.758	0.758

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.4: Number and training of staff member – maternal health (Boucle Du Mouhoun)

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
2.56: Percentage of skilled birth attendants	0.513	0.498	0.453	0.528	0.567	0.002	0.098	0.098
2.57: Percentage of skilled birth attendants providing ANC	-	-	-	-	-	-	-	-
2.58: Percentage of SBAs with sufficient knowledge on pre-eclampsia	0.131	0.106	0.089	0.120	0.206	0.000	0.479	0.479

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.5: Availability of materials – maternal health (Boucle Du Mouhoun)

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
2.59: Availability of disposable syringes	0.783	0.774	0.759	0.788	0.810	0.512	0.788	0.788
2.60: Availability of IV kits	0.405	0.397	0.448	0.353	0.429	0.611	0.449	0.449
2.62A: Availability of diazepam (injectable)	0.864	0.887	0.893	0.882	0.789	0.019	0.899	0.899
2.62B: Stockout diazepam (injectable)	0.053	0.051	0.037	0.063	0.063	0.688	0.664	0.664
2.63A: Availability of Oxytocin	0.963	0.984	0.964	1.000	0.895	0.000	0.274	0.274
2.63B: Stockout Oxytocin	-	-	-	-	-	-	-	-
2.64: Availability of balloon-mask for newborns	-	-	-	-	-	-	-	-
2.65: Availability of blood bank fridge	-	-	-	-	-	-	-	-
2.66: Functionality adult scale	-	-	-	-	-	-	-	-
2.67: Availability of light in delivery room	0.857	0.841	0.897	0.794	0.905	0.176	0.275	0.275

2.68: Functionality BP machine	0.950	0.933	0.926	0.939	1.000	0.045	0.839	0.839
2.69: Functionality fetoscope	-	-	-	-	-	-	-	-
2.70.1A: Availability of condoms (male)	0.892	0.873	0.828	0.912	0.950	0.073	0.325	0.325
2.70.1B: Stockout condoms (male)	0.079	0.088	0.111	0.067	0.053	0.357	0.562	0.562
2.70.2A: Availability of condoms (female)	0.771	0.698	0.724	0.676	1.000	0.000	0.687	0.687
2.70.2B: Stockout condoms (female)	0.060	0.085	0.087	0.083	0.000	0.044	0.965	0.965
2.71A: Availability of oral contraceptives	0.939	0.968	1.000	0.939	0.850	0.000	0.183	0.183
2.71B: Stockout oral contraceptives	0.013	0.016	0.000	0.031	0.000	0.321	0.345	0.345
2.72A: Availability of injectable contraceptive	0.976	0.984	1.000	0.971	0.950	0.035	0.360	0.360
2.72B: Stockout injectable contraceptive	-	-	-	-	-	-	-	-
2.73A: Availability of contraceptive implants	0.855	0.825	0.828	0.824	0.950	0.012	0.967	0.967
2.73B: Stockout contraceptive implants	0.053	0.071	0.077	0.067	0.000	0.044	0.884	0.884
2.74A: Availability of IUD	0.463	0.459	0.464	0.455	0.474	0.820	0.941	0.941
2.75A Availability of malaria test kit (rapid test)	0.519	0.645	0.643	0.647	0.105	0.000	0.973	0.973
2.75B Stockout malaria test kit (rapid test)	0.333	0.296	0.280	0.310	0.555	0.002	0.812	0.812
2.76A Availability of HIV test kit (rapid test)	0.704	0.754	0.857	0.667	0.550	0.001	0.088	0.088
2.76B Stockout HIV test kit (rapid test)	0.099	0.123	0.069	0.179	0.000	0.007	0.215	0.215
2.77A Availability of pregnancy test kit (rapid test)	0.598	0.730	0.724	0.735	0.158	0.000	0.922	0.922
2.78A Availability of syphilis test kit (rapid test)	-	-	-	-	-	-	-	-
2.79A Availability of urine test kit (rapid test)	0.732	0.794	0.793	0.794	0.526	0.000	0.992	0.992

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.6: Correct management of the patient –children consultation (Boucle Du Mouhoun)

Indicators	Mean					t-test* p-value	F- test** p-value	p (F- test) T4-T1
	Total	Total int	T1	T4	C			
2.80: Proportion of cases asked for (breast-) feeding behavior / food intake	0.503	0.547	0.660	0.455	0.349	0.000	0.002	0.002
2.81: Proportion of cases asked for convulsions	0.247	0.286	0.360	0.226	0.111	0.000	0.027	0.027
2.82: Proportion of cases asked for diarrhea	0.913	0.902	0.890	0.911	0.952	0.012	0.596	0.596
2.83: Proportion of cases asked for cough or difficult breathing	0.927	0.911	0.900	0.919	0.984	0.000	0.615	0.615
2.84: Proportion of cases asked for ear problem	0.202	0.232	0.270	0.202	0.095	0.000	0.230	0.230
2.85: Proportion of cases asked for fever	0.948	0.946	0.920	0.968	0.952	0.693	0.116	0.116

2.86: Proportion of cases checked for respiratory signs	0.746	0.790	0.769	0.803	0.600	0.000	0.687	0.687
2.87: Proportion of cases asked checked for dehydration	0.640	0.667	0.724	0.613	0.533	0.034	0.370	0.370
2.88: Proportion of cases checked for hyperthermia/hypothermia	-	-	-	-	-	-	-	-
2.89: Proportion of cases checked for weight	0.704	0.674	0.750	0.615	0.806	0.000	0.035	0.035
2.90: Proportion of cases checked for vaccination status	0.551	0.603	0.600	0.605	0.365	0.000	0.942	0.942
2.91: Proportion of cases asked for considerable vomiting	0.693	0.772	0.790	0.758	0.413	0.000	0.573	0.573
2.92: Proportion of cases asked for lethargic state	0.192	0.223	0.250	0.202	0.079	0.000	0.390	0.390
2.93A: Proportion of cases checked for anemia	0.760	0.795	0.800	0.790	0.635	0.000	0.859	0.859
2.93B: Proportion of cases checked for oedema	0.598	0.646	0.646	0.645	0.429	0.000	0.984	0.984
2.94: Proportion of indicated cases instructed on fluid intake	0.045	0.048	0.111	0.000	0.000	0.329	0.258	0.258
2-95A: Proportion of diarrhea cases prescribed on treatment	0.961	0.951	1.000	0.906	1.000	0.083	0.094	0.094

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.7: Number and training of staff member –child health (Boucle Du Mouhoun)

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
2.96A: Proportion of bacterial infection cases prescribed on treatment	0.976	0.962	1.000	0.941	1.000	0.159	0.290	0.290
2.97A: Proportion of malaria cases prescribed on treatment	0.981	0.975	1.000	0.955	1.000	0.159	0.194	0.194
2-98: Proportion of cases instructed to return immediately if deterioration	0.226	0.259	0.250	0.266	0.111	0.000	0.785	0.785
2-99: Proportion of U5YO providers	0.963	0.971	1.000	0.948	0.938	0.005	0.029	0.029
2-100: Proportion of U5YO providers with knowledge in vaccination schedule	-	-	-	-	-	-	-	-
2-101A: Proportion of U5YO providers with knowledge in management of severe dehydration	1.927	1.942	2.044	1.863	1.882	0.366	0.174	0.174
2-101B: Proportion of U5YO providers with knowledge in management of ear infection	7.851	7.937	7.700	8.120	7.588	0.001	0.042	0.042
2-101C: Proportion of U5YO providers with knowledge in management of severe respiratory infection	7.545	7.734	7.667	7.786	6.971	0.000	0.614	0.614
2-101D: Proportion of U5YO providers with knowledge in management of severely ill newborn	1.855	1.957	2.000	1.923	1.544	0.000	0.482	0.482

2-102: Proportion of health facilities with appropriate fridge temperature checking/control	0.975	0.967	1.000	0.938	1.000	0.159	0.177	0.177
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* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.8: Availability of services and materials –child health (Boucle Du Mouhoun)

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
2.103: Percentage of health facilities providing immunization services continuous (week)	0.145	0.116	0.143	0.091	0.250	0.010	0.606	0.606
2.104A: Availability of recommended antimalarial outpatient treatment (Arthemether/Lumefantrine)	0.036	0.016	0.000	0.029	0.100	0.000	0.360	0.360
2.105A: Availability of recommended antimalarial outpatient treatment (Artesunate/Amodiaquine)	0.639	0.587	0.586	0.588	0.800	0.001	0.987	0.987
2.105B: Stockout of recommended antimalarial outpatient treatment (Artesunate/Amodiaquine)	0.264	0.333	0.320	0.345	0.056	0.000	0.850	0.850
2.106A: Availability of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral Amoxicillin)	0.916	0.937	0.931	0.941	0.850	0.007	0.872	0.872
2.106B: Stockout of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral Amoxicillin)	0.062	0.048	0.036	0.059	0.105	0.043	0.679	0.679
2.107A: Availability of recommended 2nd line antibiotic for outpatient treatment of ear/respiratory infection (oral Cotrimoxazole)	0.940	0.921	0.897	0.941	1.000	0.024	0.521	0.521
2.107B: Stockout of recommended 2nd line antibiotic for outpatient treatment of ear/respiratory infection (oral Cotrimoxazole)	0.061	0.081	0.071	0.088	0.000	0.024	0.813	0.813
2.108A: Availability of ORS sachet	0.928	0.952	0.931	0.971	0.850	0.000	0.471	0.471
2.108B: Stockout of ORS sachet	0.038	0.016	0.036	0.000	0.105	0.000	0.281	0.281
2.109A: Availability of Vitamin A	0.532	0.544	0.607	0.483	0.500	0.513	0.355	0.355
2.110A: Availability of oral Paracetamol (syrup)	0.904	0.889	0.828	0.941	0.950	0.131	0.158	0.158
2.110B: Stockout of oral Paracetamol (syrup)	0.075	0.083	0.148	0.030	0.050	0.358	0.104	0.104
2.111: Functionality of infant/child weighing scale	-	-	-	-	-	-	-	-
2.112: Functionality of thermometer	-	-	-	-	-	-	-	-

2.113: Functionality of fridge	-	-	-	-	-	-	-	-
2.114.a: Availability of outreach material (cooler)	0.914	0.902	0.931	0.872	0.950	0.213	0.471	0.471
2.114.b: Availability of outreach material (icebox)	-	-	-	-	-	-	-	-
2.114.c: Availability of outreach material (freezer)	0.086	0.115	0.172	0.063	0.000	0.007	0.184	0.184
2.115.a: Availability of syringes	0.924	0.932	0.893	0.968	0.900	0.333	0.261	0.261
2.115.b: Availability of other inputs for immunization (gauze, skin disinfectant, box safety syringes, needles)	0.235	0.311	0.310	0.313	0.000	0.000	0.986	0.986
2.115.c: Availability of vaccination cards	0.805	0.931	0.963	0.903	0.421	0.000	0.379	0.379
2.116A: Availability of BCG vaccine	0.867	0.968	1.000	0.941	0.550	0.000	0.190	0.190
2.116B: Stockout of BCG vaccine	-	-	-	-	-	-	-	-
2.117A: Availability of OPV vaccine	0.866	0.968	1.000	0.941	0.550	0.000	0.198	0.198
2.117B: Stockout of OPV vaccine	-	-	-	-	-	-	-	-
2.118A: Availability of DPT vaccine	0.867	0.968	1.000	0.941	0.550	0.000	0.190	0.190
2.118B: Stockout of DPT vaccine	-	-	-	-	-	-	-	-
2.119A: Availability of measles vaccine	0.867	0.968	1.000	0.941	0.550	0.000	0.190	0.190
2.119B: Stockout of measles vaccine	-	-	-	-	-	-	-	-
2.120A: Availability of TT vaccine	0.867	0.968	1.000	0.941	0.550	0.000	0.190	0.190
2.120B: Stockout of TT vaccine	-	-	-	-	-	-	-	-

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.9: Patients satisfaction (Boucle Du Mouhoun)

Indicators		Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
		Total	Total int	T1	T4	C			
2.121: Proportion of main reasons reported by patients for seeking U5YO health services	1-Health facility close	0.881	0.863	0.880	0.849	0.949	0.000	0.505	0.505
	2- Quality of care	0.194	0.192	0.170	0.210	0.203	0.664	0.455	0.455
	3-Availability of health care providers	0.097	0.068	0.050	0.084	0.203	0.000	0.323	0.323
2.122: Proportion of	1-Health facility close	0.828	0.879	0.877	0.880	0.634	0.000	0.947	0.947

main reasons reported by patients for seeking ANC health services	2-Quality of care	0.227	0.115	0.154	0.087	0.659	0.000	0.197	0.197
	3-Cost reduced	-	-	-	-	-	-	-	-
2.123: Proportion of patients satisfied with ANC service		0.811	0.871	0.854	0.883	0.582	0.000	0.281	0.281
2-124: Proportion of Patients satisfaction after U5YO consultations		0.880	0.865	0.889	0.844	0.934	0.000	0.034	0.034
2.125: Mean perception scores on quality of health care services reported by patients (Each score scale is between 1 to 5)	Overall satisfaction	3.640	3.513	3.524	3.498	3.713	0.025	0.885	0.885
	Satisfactions with costs and distance	3.314	3.120	3.048	3.212	3.424	0.001	0.297	0.297
	Satisfactions with health care providers	3.787	3.668	3.714	3.609	3.855	0.170	0.701	0.701
	Satisfactions with resources and material	3.846	3.819	3.810	3.833	3.860	0.545	0.863	0.863

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

3c. Balance table: Regions Centre Est, Centre Nord, Nord, and Sud-Ouest

Balance table 3.1: Basic amenities and general equipment (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.1 Availability of any source of electricity	0.848	0.855	0.865	0.854	0.845	0.824	0.155	0.935	1.000	1.000	1.000
2.2 Availability of any source of water supply	0.879	0.873	0.884	0.865	0.869	0.901	0.166	0.920	1.000	1.000	1.000
2.3 Availability of functioning toilets/washrooms	0.964	0.966	0.947	0.966	0.988	0.958	0.508	0.331	1.000	0.412	1.000
2.4 Availability of functional hand washing unit (water and soap)	0.561	0.586	0.663	0.534	0.553	0.473	0.000	0.159	0.232	0.404	1.000
2.5 Availability of separate toilets/washrooms for men/women	0.123	0.130	0.108	0.138	0.146	0.097	0.119	0.722	1.000	1.000	1.000
2.6 Availability of patient waiting area	0.463	0.473	0.447	0.523	0.451	0.425	0.114	0.528	0.924	1.000	1.000
2.7 Source of tele-communication (radio)	0.012	0.011	0.000	0.000	0.036	0.014	0.721	0.036	1.000	0.069	0.079
2.8 Source of tele-communication (telephone)	0.974	0.970	0.990	0.977	0.941	0.986	0.119	0.145	1.000	0.169	0.488
2.9 Availability of non-sterile gloves in consultation room	0.766	0.751	0.700	0.762	0.797	0.819	0.013	0.333	1.000	0.437	1.000
2.10 Availability of sterile examination gloves in consultation room	0.825	0.815	0.778	0.857	0.813	0.859	0.071	0.406	0.540	1.000	1.000
2.11 Availability of hand soap or sanitizer in consultation room	0.817	0.801	0.789	0.819	0.795	0.875	0.004	0.873	1.000	1.000	1.000
2.12A Availability of paracetamol (tablet)	0.997	0.996	1.000	1.000	0.987	1.000	0.318	0.360	1.000	0.620	0.673
2.12B Stockout of paracetamol (tablet)	0.015	0.019	0.014	0.029	0.015	0.000	0.045	0.755	1.000	1.000	1.000
2.13A Availability of amoxicillin (tablet, capsule)	0.955	0.961	0.952	0.959	0.973	0.934	0.040	0.790	1.000	1.000	1.000
2.13B Stockout of amoxicillin (tablet, capsule)	0.045	0.053	0.041	0.059	0.060	0.017	0.021	0.857	1.000	1.000	1.000
2.14A Availability of cotrimoxazole	0.962	0.952	0.951	0.932	0.973	1.000	0.001	0.494	1.000	1.000	0.708
2.14B Stockout of cotrimoxazole	0.041	0.054	0.042	0.091	0.030	0.000	0.001	0.262	0.608	1.000	0.375

2.15A Availability of quinin (tablet)	0.969	0.970	0.963	0.986	0.960	0.968	0.873	0.601	1.000	1.000	1.000
2.15B Stockout of quinin (tablet)	0.038	0.050	0.056	0.046	0.047	0.000	0.001	0.961	1.000	1.000	1.000
2.16A Availability of quinine (injectable)	0.986	0.987	1.000	0.973	0.986	0.984	0.688	0.329	0.409	1.000	1.000
2.16B Stockout of quinine (injectable)	0.015	0.020	0.000	0.048	0.016	0.000	0.045	0.139	0.150	1.000	0.598
2.17A Availability of artemisinin combination (tablet)	0.979	0.987	0.988	0.972	1.000	0.951	0.000	0.338	1.000	1.000	0.425
2.17B Stockout of artemisinin combination (tablet)	0.004	0.005	0.000	0.016	0.000	0.000	0.319	0.333	0.571	1.000	0.604
2.18A Availability of artemisinin combination (syrup)	0.335	0.328	0.381	0.238	0.362	0.356	0.508	0.319	0.500	1.000	0.656
2.19 Availability of sulfadoxin pyrimethamine	0.324	0.265	0.326	0.224	0.250	0.474	0.000	0.514	0.801	1.000	1.000
2.20A Availability of rifampicin	0.253	0.231	0.350	0.209	0.149	0.325	0.012	0.079	0.383	0.081	1.000
2.21A Availability of streptomycin	0.077	0.084	0.143	0.051	0.067	0.056	0.267	0.323	0.481	0.681	1.000
2.22A Availability of isoniazid	0.165	0.145	0.216	0.119	0.111	0.225	0.013	0.346	0.675	0.548	1.000
2.23 Availability of electric autoclave (pressure plus wet heat)	0.022	0.024	0.011	0.035	0.026	0.015	0.369	0.574	0.891	1.000	1.000
2.24 Availability of non-electric autoclave (pressure plus wet heat)	0.031	0.040	0.067	0.035	0.013	0.000	0.001	0.203	0.866	0.233	1.000
2.25 Availability of electric sterilizer (dry heat)	0.006	0.008	0.000	0.012	0.013	0.000	0.158	0.572	1.000	1.000	1.000
2.26 Availability of electric steamer (wet heat)	0.035	0.032	0.033	0.047	0.013	0.045	0.217	0.467	1.000	1.000	0.658
2.27 Availability of non-electric steamer (wet heat)	0.822	0.820	0.758	0.859	0.848	0.833	0.570	0.164	0.251	0.388	1.000

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.2: Correct management of the patient (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.28: Proportion of all ANC cases receiving iron and folate supplementation	0.905	0.909	0.934	0.890	0.900	0.882	0.006	0.144	0.177	0.507	1.000
2.29: Proportion of first and second visit	0.796	0.800	0.841	0.792	0.763	0.765	0.318	0.675	1.000	1.000	1.000

ANC cases receiving tetanus prophylaxis											
2.30: Proportion of second and third visit ANC cases receiving malaria prophylaxis (IPTp)	0.423	0.439	0.435	0.491	0.385	0.325	0.000	0.167	0.915	1.000	0.178
2.31: Proportion of all ANC cases receiving counselling on nutrition/ diet during pregnancy	0.120	0.122	0.142	0.128	0.091	0.110	0.293	0.167	1.000	0.190	0.571
2.32: Proportion of all ANC cases receiving counselling on pregnancy danger signs	0.501	0.514	0.565	0.508	0.458	0.417	0.000	0.037	0.489	0.032	0.700
2.33: Proportion of all ANC cases receiving counselling on postpartum family	0.045	0.038	0.031	0.055	0.027	0.094	0.000	0.164	0.374	1.000	0.251
2.34: Proportion of all ANC cases receiving counselling on place of delivery	0.192	0.190	0.180	0.161	0.235	0.205	0.259	0.069	1.000	0.276	0.075
2.35: Proportion of all ANC cases receiving counselling on use of SBA during delivery	0.294	0.288	0.247	0.311	0.312	0.331	0.006	0.128	0.237	0.258	1.000
2.36: Proportion of all ANC cases receiving counselling on pregnancy preparedness plan	0.172	0.177	0.168	0.171	0.194	0.142	0.007	0.675	1.000	1.000	1.000
2.37: Proportion of all ANC cases receiving counselling on emergency preparedness plan	0.436	0.452	0.447	0.458	0.451	0.323	0.000	0.958	1.000	1.000	1.000
2.38: Proportion of first visit ANC cases having been offered HIV screening (VCT)	0.701	0.690	0.770	0.640	0.645	0.773	0.002	0.067	0.105	0.204	1.000
2.39: Proportion of first visit ANC cases having been offered syphilis screening	0.084	0.086	0.088	0.054	0.130	0.068	0.263	0.191	1.000	0.958	0.209
2.40: Proportion of all ANC cases undergoing BP screening	0.890	0.880	0.944	0.848	0.838	0.961	0.000	0.000	0.001	0.000	1.000
2.41: Proportion of all ANC cases undergoing weight check	0.963	0.965	0.988	0.966	0.936	0.953	0.051	0.003	0.461	0.002	0.145
2.43: Proportion of first visit ANC cases undergoing urine protein screening	0.543	0.546	0.564	0.486	0.608	0.523	0.424	0.241	0.753	1.000	0.316
2.44: Proportion of all ANC cases being asked about symptoms of headache or blurred vision	0.323	0.339	0.365	0.292	0.360	0.213	0.000	0.110	0.168	1.000	0.269
2.45: Proportion of all ANC cases being asked about symptoms of edema on limbs or face	0.288	0.300	0.296	0.279	0.327	0.205	0.000	0.466	1.000	1.000	0.663

2.46: Proportion of first visit ANC cases being asked about number of previous pregnancies	0.869	0.857	0.850	0.845	0.883	0.955	0.000	0.744	1.000	1.000	1.000
2.47: Proportion of first visit ANC cases being asked about date of last menstrual period	0.543	0.515	0.509	0.575	0.440	0.727	0.000	0.198	0.979	1.000	0.220
2.48: Proportion of first visit ANC cases being asked about currently used medications	0.203	0.186	0.195	0.178	0.184	0.318	0.000	0.948	1.000	1.000	1.000

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.3: Availability of services – maternal health (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.49: Proportion of health facilities offering ANC services at least once per week	-	-	-	-	-	-	-	-	-	-	-
2.51: Proportion of health facilities having vehicle available for emergency patient transports	0.202	0.187	0.221	0.161	0.176	0.257	0.004	0.559	0.905	1.000	1.000
2.52: Proportion of primigravid among all women observed to attend ANC clinics	0.26	0.231	0.249	0.232	0.208	0.197	0.017	0.494	1.000	0.706	1.000
2.53: Proportion of first ANC visits among all women observed to attend ANC services	0.774	0.769	0.751	0.768	0.792	0.803	0.017	0.494	1.000	0.706	1.000
2.54: Mean duration in minutes of first visit ANC consultations	18.330	17.546	18.760	16.015	17.727	24.480	0.000	0.166	0.179	1.000	0.828
2.55: Mean duration in minutes of follow-up visit ANC consultations	18.406	17.848	17.916	17.617	18.029	22.030	0.000	0.893	1.000	1.000	1.000

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.4: Number and training of staff member – maternal health (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.56: Percentage of skilled birth attendants	0.647	0.617	0.584	0.679	0.541	0.734	0.000	0.000	0.001	0.418	0.000
2.57: Percentage of skilled birth attendants providing ANC	-	-	-	-	-	-	-	-	-	-	-
2.58: Percentage of SBAs with sufficient knowledge on pre-/eclampsia	0.129	0.115	0.108	0.135	0.098	0.173	0.000	0.432	1.000	1.000	0.666

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.5: Availability of materials – maternal health (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.59: Availability of disposable syringes	0.688	0.679	0.618	0.714	0.709	0.725	0.119	0.316	0.531	0.630	1.000
2.60: Availability of IV kits	0.265	0.258	0.234	0.233	0.310	0.292	0.207	0.422	1.000	0.757	0.760
2.62A: Availability of diazepam (injectable)	0.833	0.827	0.840	0.814	0.826	0.852	0.329	0.920	1.000	1.000	1.000
2.62B: Stockout of diazepam (injectable)	0.111	0.141	0.094	0.140	0.189	0.020	0.000	0.382	1.000	0.499	1.000
2.63A: Availability of Oxytocin	0.769	0.744	0.743	0.757	0.732	0.855	0.000	0.945	1.000	1.000	1.000
2.63B: Stockout of Oxytocin	0.011	0.016	0.023	0.000	0.024	0.000	0.158	0.614	1.000	1.000	1.000
2.64: Availability of balloon-mask for newborns	0.334	0.354	0.422	0.333	0.300	0.264	0.003	0.224	0.655	0.293	1.000
2.65: Availability of blood bank fridge	0.009	0.012	0.011	0.012	0.013	0.000	0.083	0.997	1.000	1.000	1.000
2.66: Functionality adult scale	0.948	0.941	0.977	0.931	0.911	0.972	0.038	0.177	0.586	0.217	1.000
2.67: Availability of light in delivery room	0.822	0.830	0.811	0.869	0.810	0.792	0.106	0.511	0.936	1.000	0.958
2.68: Functionality BP machine	0.985	0.980	0.967	1.000	0.975	1.000	0.025	0.268	0.355	1.000	0.739
2.69: Functionality fetoscope	0.985	0.980	0.966	0.988	0.988	1.000	0.025	0.514	0.951	0.981	1.000
2.70.1A: Availability of condoms (male)	0.937	0.933	0.911	0.918	0.972	0.951	0.283	0.280	1.000	0.426	0.592
2.70.1B: Stockout of condoms (male)	0.033	0.043	0.059	0.066	0.000	0.000	0.004	0.152	1.000	0.315	0.235
2.70.2A: Availability of condoms (female)	0.914	0.917	0.908	0.917	0.928	0.902	0.412	0.913	1.000	1.000	1.000

2.70.2B: Stockout of condoms (female)	0.017	0.023	0.016	0.033	0.019	0.000	0.045	0.794	1.000	1.000	1.000
2.71A: Availability of oral contraceptives	0.873	0.888	0.886	0.904	0.873	0.820	0.001	0.842	1.000	1.000	1.000
2.71B: Stockout of oral contraceptives	0.009	0.012	0.016	0.000	0.019	0.000	0.158	0.615	1.000	1.000	1.000
2.72A: Availability of injectable contraceptive	0.955	0.955	0.938	0.973	0.958	0.952	0.787	0.576	0.891	1.000	1.000
2.72B: Stockout of injectable contraceptive	0.024	0.032	0.031	0.047	0.017	0.000	0.014	0.655	1.000	1.000	1.000
2.73A: Availability of contraceptive implants	0.767	0.782	0.823	0.789	0.733	0.719	0.044	0.486	1.000	0.709	1.000
2.73B: Stockout of contraceptive implants	0.034	0.044	0.041	0.043	0.051	0.000	0.014	0.970	1.000	1.000	1.000
2.74A: Availability of IUD	0.385	0.369	0.468	0.340	0.308	0.435	0.100	0.226	0.580	0.302	1.000
2.75A Availability of malaria test kit (rapid test)	0.273	0.254	0.236	0.254	0.273	0.345	0.003	0.887	1.000	1.000	1.000
2.75B Stockout of malaria test kit (rapid test)	0.565	0.624	0.729	0.595	0.535	0.286	0.000	0.147	0.574	0.172	1.000
2.76A Availability of HIV test kit (rapid test)	0.688	0.682	0.740	0.676	0.627	0.707	0.448	0.358	1.000	0.463	1.000
2.76B Stockout of HIV test kit (rapid test)	0.074	0.097	0.060	0.093	0.146	0.000	0.000	0.387	1.000	0.511	1.000
2.77A Availability of pregnancy test kit (rapid test)	0.145	0.170	0.218	0.175	0.113	0.029	0.000	0.349	1.000	0.448	1.000
2.78A Availability of syphilis test kit (rapid test)	0.019	0.016	0.028	0.024	0.000	0.029	0.294	0.565	1.000	1.000	1.000
2.79A Availability of urine test kit (rapid test)	0.542	0.530	0.638	0.507	0.439	0.586	0.110	0.063	0.382	0.064	1.000

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.6: Correct management of the patient –children consultation (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.80: Proportion of cases asked for (breast-) feeding behavior / food intake	0.360	0.375	0.419	0.354	0.351	0.294	0.000	0.085	0.172	0.158	1.000
2.81: Proportion of cases asked for convulsions	0.175	0.192	0.185	0.191	0.202	0.098	0.000	0.835	1.000	1.000	1.000
2.82: Proportion of cases asked for diarrhea	0.683	0.711	0.654	0.708	0.773	0.561	0.000	0.001	0.278	0.001	0.143
2.83: Proportion of cases asked for cough or	0.777	0.808	0.788	0.814	0.824	0.639	0.000	0.435	1.000	0.647	1.000

difficult breathing											
2.84: Proportion of cases asked for ear problem	0.196	0.199	0.194	0.188	0.217	0.183	0.157	0.578	1.000	1.000	0.957
2.85: Proportion of cases asked for fever	0.832	0.830	0.787	0.843	0.864	0.837	0.546	0.013	0.109	0.014	1.000
2.86: Proportion of cases checked for respiratory signs	0.744	0.747	0.734	0.725	0.788	0.726	0.277	0.362	1.000	0.792	0.534
2.87: Proportion of cases asked checked for dehydration	0.515	0.513	0.455	0.573	0.506	0.525	0.693	0.327	0.410	1.000	1.000
2.88: Proportion of cases checked for hyperthermia/hypothermia	-	-	-	-	-	-	-	-	-	-	-
2.89: Proportion of cases checked for weight	0.615	0.599	0.637	0.654	0.501	0.684	0.000	0.000	1.000	0.000	0.000
2.90: Proportion of cases checked for vaccination status	0.416	0.434	0.469	0.390	0.443	0.338	0.000	0.075	0.077	1.000	0.410
2.91: Proportion of cases asked for considerable vomiting	0.554	0.578	0.602	0.571	0.562	0.447	0.000	0.507	1.000	0.804	1.000
2.92: Proportion of cases asked for lethargic state	0.118	0.131	0.156	0.124	0.113	0.061	0.000	0.181	0.554	0.228	1.000
2.93A: Proportion of cases checked for anemia	0.655	0.678	0.648	0.679	0.710	0.551	0.000	0.189	1.000	0.204	1.000
2.93B: Proportion of cases checked for oedema	0.365	0.390	0.390	0.428	0.349	0.259	0.000	0.079	0.840	0.708	0.073
2.94: Proportion of indicated cases instructed on fluid intake	0.030	0.028	0.071	0.000	0.000	0.038	0.489	0.086	0.165	0.197	1.000
2-95A: Proportion of diarrhea cases prescribed on treatment	0.963	0.967	0.961	0.975	0.963	0.948	0.119	0.864	1.000	1.000	1.000

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.7: Number and training of staff member –child health (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.96A: Proportion of bacterial infection cases prescribed on treatment	0.956	0.959	0.992	0.949	0.935	0.934	0.018	0.070	0.251	0.088	1.000

2.97A: Proportion of malarai cases prescribed on treatment	0.950	0.961	0.959	0.957	0.971	0.895	0.000	0.845	1.000	1.000	1.000
2-98: Proportion of cases instructed to return immediately if deterioration	0.224	0.248	0.240	0.256	0.248	0.117	0.000	0.864	1.000	1.000	1.000
2-99: Proportion of U5YO providers	0.954	0.962	0.992	0.914	0.990	0.929	0.000	0.000	0.000	1.000	0.000
2-100: Proportion of U5YO providers with knowledge in vaccination schedule	-	-	-	-	-	-	-	-	-	-	-
2-101A: Proportion of U5YO providers with knowledge in management of severe dehydration	1.815	1.765	1.743	1.784	1.768	1.973	0.000	0.901	1.000	1.000	1.000
2-101B: Proportion of U5YO providers with knowledge in management of ear infection	7.742	7.710	7.779	7.560	7.830	7.841	0.059	0.226	0.524	1.000	0.356
2-101C: Proportion of U5YO providers with knowledge in management of severe respiratory infection	7.577	7.599	7.723	7.451	7.644	7.509	0.205	0.248	0.313	1.000	0.843
2-101D: Proportion of U5YO providers with knowledge in management of severely ill newborn	1.894	1.921	1.867	1.940	1.964	1.810	0.001	0.457	1.000	0.732	1.000
2-102: Proportion of health facilities with appropriate fridge temperature checking/control	0.976	0.973	0.967	0.976	0.976	0.986	0.180	0.905	1.000	1.000	1.000

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.8: Availability of services and materials –child health (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.103: Percentage of health facilities providing immunization services continuous (week)	0.303	0.347	0.398	0.269	0.372	0.147	0.000	0.201	0.265	1.000	0.539
2.104A: Availability of recommended antimalarial outpatient treatment (Arthemether/Lumefantrine)	0.335	0.328	0.381	0.238	0.362	0.356	0.508	0.319	0.500	1.000	0.656
2.105A: Availability of recommended antimalarial outpatient treatment	0.766	0.737	0.704	0.694	0.813	0.871	0.000	0.185	1.000	0.364	0.309

(Artesunate/Amodiaquine)											
2.105B: Stockout of recommended antimalarial outpatient treatment (Artesunate/Amodiaquine)	0.175	0.218	0.264	0.250	0.138	0.018	0.000	0.162	1.000	0.231	0.397
2.106A: Availability of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral Amoxicillin)	0.932	0.926	0.952	0.904	0.920	0.952	0.145	0.509	0.773	1.000	1.000
2.106B: Stockout of recommended antibiotic for outpatient treatment of ear/respiratory infection (oral Amoxicillin)	0.071	0.091	0.068	0.118	0.090	0.000	0.000	0.587	0.910	1.000	1.000
2.107A: Availability of recommended 2 nd line antibiotic for outpatient treatment of ear/respiratory infection (oral Cotrimoxazole)	0.860	0.861	0.866	0.918	0.800	0.855	0.792	0.117	1.000	0.701	0.117
2.107B: Stockout of recommended 2 nd line antibiotic for outpatient treatment of ear/respiratory infection (oral Cotrimoxazole)	0.121	0.134	0.114	0.088	0.206	0.073	0.011	0.118	1.000	0.361	0.145
2.108A: Availability of ORS sachet	0.829	0.850	0.888	0.863	0.795	0.754	0.000	0.257	1.000	0.329	0.746
2.108B: Stockout of ORS sachet											
2.109A: Availability of Vitamin A	0.157	0.169	0.211	0.186	0.116	0.114	0.106	0.502	1.000	0.793	1.000
2.110A: Availability of oral Paracetamol (syrup)	0.900	0.913	0.892	0.932	0.920	0.850	0.001	0.659	1.000	1.000	1.000
2.110B: Stockout of oral Paracetamol (syrup)	0.105	0.116	0.111	0.091	0.150	0.061	0.017	0.582	1.000	1.000	0.914
2.111: Functionality of infant/child weighing scale	0.976	0.992	0.979	1.000	1.000	0.921	0.000	0.412	0.729	0.800	1.000
2.112: Functionality of thermometer	0.994	0.992	0.989	1.000	0.988	1.000	0.158	0.611	1.000	1.000	1.000
2.113: Functionality of fridge	0.985	0.980	0.978	0.988	0.976	1.000	0.025	0.834	1.000	1.000	1.000
2.114.a: Availability of outreach material (cooler)	0.982	0.976	0.955	1.000	0.976	1.000	0.014	0.155	0.162	1.000	0.925
2.114.b: Availability of outreach material (icebox)	0.957	0.953	0.943	0.964	0.951	0.972	0.143	0.817	1.000	1.000	1.000
2.114.c: Availability of outreach material (freezer)	0.027	0.027	0.022	0.048	0.012	0.028	0.966	0.340	0.891	1.000	0.466
2.115.a: Availability of syringes	0.766	0.771	0.724	0.840	0.753	0.746	0.354	0.186	0.229	1.000	0.593

2.115.b: Availability of other inputs for immunization (gauze, skin disinfectant, box safety syringes, needles)	0.031	0.032	0.034	0.049	0.013	0.028	0.698	0.414	1.000	1.000	0.561
2.115.c: Availability of vaccination cards	0.118	0.136	0.098	0.160	0.152	0.056	0.000	0.450	0.733	0.953	1.000
2.116A: Availability of BCG vaccine	0.728	0.726	0.797	0.718	0.652	0.733	0.809	0.141	0.834	0.146	1.000
2.116B: Stockout of BCG vaccine	0.047	0.062	0.038	0.061	0.089	0.000	0.002	0.594	1.000	0.924	1.000
2.117A: Availability of OPV vaccine	0.768	0.773	0.797	0.761	0.757	0.750	0.423	0.808	1.000	1.000	1.000
2.117B: Stockout of OPV vaccine	0.021	0.027	0.038	0.000	0.041	0.000	0.045	0.373	0.702	1.000	0.640.
2.118A: Availability of DPT vaccine	0.764	0.768	0.810	0.718	0.771	0.750	0.524	0.415	0.558	1.000	1.000
2.11B: Stockout of DPT vaccine	0.026	0.034	0.019	0.043	0.041	0.000	0.025	0.774	1.000	1.000	1.000
2.119A: Availability of measles vaccine	0.766	0.775	0.795	0.761	0.768	0.733	0.141	0.871	1.000	1.000	1.000
2.119B: Stockout of measles vaccine	0.016	0.020	0.038	0.000	0.021	0.000	0.083	0.406	0.541	1.000	1.000
2.120A: Availability of TT vaccine	0.775	0.786	0.823	0.761	0.771	0.733	0.057	0.611	1.000	1.000	1.000
2.120B: Stockout of TT vaccine	0.005	0.007	0.000	0.000	0.020	0.000	0.319	0.359	1.000	0.627	0.661

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Balance table 3.9: Patients satisfaction (Centre Est, Centre Nord, Nord, and Sud-Ouest)

Indicators		Mean						t-test* p-value	F-test** p-value	P (F-test)		
		Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
2.121: Proportion of main reasons reported by patients for seeking U5YO health services	1-Health facility close	0.756	0.746	0.765	0.723	0.749	0.805	0.000	0.413	0.559	1.000	1.000
	2- Quality of care	0.219	0.209	0.182	0.245	0.203	0.267	0.000	0.100	0.104	1.000	0.486
	3-Availability of health care providers	0.123	0.084	0.099	0.092	0.059	0.314	0.000	0.114	1.000	0.151	0.320
2.122: Proportion of main reasons reported by patients for seeking ANC	1-Health facility close	0.718	0.725	0.728	0.726	0.721	0.672	0.000	0.980	1.000	1.000	1.000
	2-Quality of care	0.272	0.231	0.241	0.241	0.208	0.555	0.000	0.564	1.000	1.000	1.000
	3-Cost reduced	0.078	0.074	0.072	0.090	0.057	0.109	0.000	0.308	1.000	1.000	0.379

health services												
2.123: Proportion of patients satisfied with ANC service		0.832	0.854	0.856	0.829	0.880	0.685	0.000	0.011	0.299	0.440	0.008
2-124: Proportion of Patients satisfaction after U5YO consultations		0.863	0.872	0.892	0.844	0.879	0.819	0.000	0.004	0.004	1.000	0.065
2.125: Mean perception scores on quality of health care services reported by patients (Each score scale is between 1 to 5)	Overall satisfaction	2.309	2.301	2.228	2.327	2.360	2.361	0.001	0.004	0.062	0.005	1.000
	Satisfactions with costs and distance	2.231	2.228	2.163	2.257	2.274	2.250	0.159	0.006	0.045	0.010	1.000
	Satisfactions with health care providers	3.817	3.823	3.713	3.803	3.955	3.796	0.322	0.001	0.502	0.001	0.058
	Satisfactions with resources and material	3.820	3.810	3.749	3.795	3.886	3.859	0.028	0.042	1.000	0.040	0.286

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

4. Key indicators by district

Districts	2-1: Number of health facility with a given source of electricity		2-2: Number of health facility with a given source of water		2-13B: Number of health facilities with oral amoxicillin stockout in past 30 days		2-14B: Number of health facilities with oral cotrimoxazol stockout in past 30 days	
	%	n	%	n	%	n	%	n
BOROMO	100.0	12	100.0	12	0.0	11	0.0	11
NOUNA	100.0	31	100.0	31	0.0	31	0.0	31
SOLENZO	76.5	34	94.1	34	0.0	33	5.9	34
TOMA	81.8	11	100.0	11	22.2	9	11.1	9
MANGA	60.0	10	90.0	10	0.0	3	0.0	3
OUARGAYE	60.7	28	100.0	28	5.6	18	11.1	18
TENKODOGO	91.7	24	100.0	24	0.0	8	0.0	8
ZABRE	25.0	4	66.7	3	0.0	2	0.0	3
BARSALGHO	83.3	6	100.0	6	16.7	6	0.0	6
KAYA	96.7	60	95.0	60	6.9	58	5.4	56
KONGOUSSI	88.6	35	77.1	35	3.0	33	6.1	33
ZINIARE	100	21	90.5	21	0.0	18	0.0	20
BOUSSE	85.7	14	100.0	14	0.0	14	0.0	14
GOURCY	86.7	30	69.0	29	9.0	22	0.0	21
OUAHIGOUIYA	85.3	68	79.4	68	5.8	52	7.8	51
YAKO	93.8	16	85.7	14	0.0	13	0.0	13
BATIE	91.7	12	100.0	12	0.0	10	0.0	10
DANO	80.0	5	100.0	5	0.0	4	0.0	4
DIEBOUGOU	75.0	20	100.0	20	0.0	15	0.0	14
GAOUA	83.3	6	83.3	6	0.0	5	0.0	5
Total	86.1	447	90.3	443	3.8	364	3.8	364

4. Key indicators by district (continued)

Districts	2-28: Number of observed cases receiving preventive measure		2-29: Number of primigravid women observed 1 st and 2 nd visit cases receiving preventive measure		2-31: Number of observed cases receiving preventive measure		2-32: Number of observed cases receiving preventive measure	
	%	n	%	n	mean	n	mean	n
BOROMO	100.0	27	100.0	2	0.0	27	3.7	27
NOUNA	89.9	79	60.0	5	5.1	79	46.8	79
SOLENZO	93.7	79	66.7	12	1.3	79	25.3	79
TOMA	92.3	13	100.0	1	0.0	13	23.0	13
MANGA	77.8	27	66.7	6	18.5	27	48.1	27
OUARGAYE	83.5	127	90.0	20	18.9	127	88.2	127
TENKODOGO	90.2	82	84.6	13	17.1	82	91.4	81
ZABRE	80.0	5	.	0	0.0	5	100.0	5
BARSALGHO	100.0	8	100.0	1	0.0	8	100.0	8
KAYA	84.4	160	90.9	22	7.5	160	41.1	158
KONGOUSSI	94.9	157	76.2	21	1.3	157	42.7	157
ZINIARE	85.0	40	100.0	5	2.5	40	35.0	40
BOUSSE	100.0	6	.	0	33.3	6	66.7	6
GOURCY	90.9	77	70.6	17	12.8	78	31.2	77
OUAHIGOUYA	93.4	182	65.2	23	19.0	184	35.7	185
YAKO	84.6	26	75.0	4	19.2	26	53.8	26
BATIE	97.5	40	77.8	9	10.3	39	82.5	40
DANO	100.0	3	100.0	1	0.0	3	0.0	3
DIEBOUGOU	98.5	65	62.5	8	9.2	65	16.9	65
GAOUA	100.0	25	66.7	3	0.4	25	0.0	25
Total	90.7	1228	77.5	173	10.2	1230	46.5	1228

4. Key indicators by district (continued)

Districts	2-35: Number of observed cases receiving preventive measure		2-40: Number of observed cases receiving screening measure		2-63B: Number of facilities with oxytocin stock out in past 30 days		2-68: Number of facilities with functional item	
	%	n	%	n	%	n	%	n
BOROMO	22.2	27	100.0	27	0.0	9	100.0	11
NOUNA	16.5	79	100.0	79	0.0	31	93.3	30
SOLENZO	3.8	79	89.7	78	0.0	31	93.8	32
TOMA	7.7	13	92.3	13	0.0	8	100.0	10
MANGA	63.0	27	100.0	27	.	0	100.0	10
OUARGAYE	74.8	127	94.5	127	0.0	3	100.0	28
TENKODOGO	58.5	82	93.9	82	0.0	3	100.0	24
ZABRE	100.0	5	100.0	5	.	0	100.0	4
BARSALGHO	75.0	8	87.5	8	0	5	100.0	5
KAYA	12.7	158	72.8	158	2.2	45	98.1	53
KONGOUSI	7.5	159	81.6	158	0.0	28	88.2	34
ZINIARE	7.5	40	97.5	40	0.0	18	100.0	20
BOUSSE	33.3	6	100.0	6	0.0	13	100.0	13
GOURCY	32.1	78	98.7	78	14.3	7	100.0	29
OUAHIGOUIA	15.8	183	90.8	185	0.0	37	100.0	66
YAKO	53.8	26	88.5	26	0.0	10	100.0	16
BATIE	27.5	40	100.0	40	0.0	4	100.0	8
DANO	66.7	3	100.0	3	0.0	4	100.0	5
DIEBOUGOU	23.1	65	89.2	65	0.0	8	100.0	19
GAOUA	8.0	25	96.0	25	0.0	4	100.0	5
Total	26.7	1230	89.9	1230	0.7	268	97.9	422

WP3: Child health

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1. Key indicators tables

Table 1.1: Vaccination coverage

Background characteristics	3.1a: BCG Coverage		3.1b: OPV 0 Coverage		3.4.a: OPV 3 Coverage		3.4.b: Penta 3 Coverage		3.5: Measles Coverage		3.7: Fully Vaccination Coverage	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	91.1	482	79.0	482	89.7	427	89.0	427	86.5	296	79.8	94
<i>Rural</i>	92.6	6,925	74.5	6,925	93.1	6,129	91.6	6,129	89.7	4,454	85.4	1,213
Region												
<i>Boucle du Mouhoun</i>	89.8	1,471	76.4	1,471	88.9	1,289	89.9	1,289	87.6	878	84.6	234
<i>Centre Est</i>	92.0	1,127	70.2	1,127	91.8	1,009	85.8	1,009	85.9	761	76.0	208
<i>Centre Nord</i>	94.1	1,941	74.2	1,941	95.8	1,720	93.5	1,720	92.3	1,278	87.7	334
<i>Nord</i>	94.7	2,277	78.8	2,277	95.9	2,017	95.1	2,017	91.6	1,503	89.4	432
<i>Sud Ouest</i>	86.6	591	65.7	591	83.5	521	84.5	521	82.4	330	76.8	99
Caregiver's education level												
<i>None</i>	92.4	6,885	74.2	6,885	92.8	6,111	91.1	6,111	89.3	4,444	85.1	1,203
<i>Primary school</i>	93.6	359	81.3	359	93.6	312	95.2	312	92.4	223	84.0	75
<i>Secondary and more</i>	95.7	163	84.7	163	92.5	133	94.7	133	90.4	83	82.8	29
Quintile of economic well being												
<i>Poorest</i>	89.6	1,355	71.8	1,355	88.7	1,196	87.5	1,196	86.0	808	82.8	233
<i>Second quintile</i>	91.5	1,392	73.9	1,392	92.5	1,227	90.1	1,227	88.5	899	80.4	285
<i>Middle quintile</i>	91.1	1,480	75.9	1,480	92.5	1,312	90.7	1,312	89.1	940	86.3	271
<i>Fourth quintile</i>	94.2	1,553	76.4	1,553	94.8	1,380	93.3	1,380	91.5	1,014	87.4	247
<i>Least poor</i>	95.5	1,627	75.4	1,627	95.1	1,441	94.6	1,441	91.2	1,089	88.2	271
Study zone*												
<i>Interventions</i>												
- <i>T1</i>	92.5	2,182	75.5	2,182	93.5	1,931	92.0	1,931	88.0	1,430	85.4	411
- <i>T2</i>	93.7	1,494	73.9	1,494	94.6	1,320	91.8	1,320	92.3	980	91.1	259
- <i>T3</i>	92.2	1,430	75.3	1,430	94.1	1,263	91.0	1,263	90.9	934	84.1	252
- <i>T4</i>	89.1	595	80.3	595	90.2	519	89.0	519	88.4	345	82.1	95
<i>Control</i>	93.0	1,706	72.2	1,706	90.4	1,523	91.5	1,523	87.9	1,061	80.7	290
Total*	92.5	7,407	74.8	7,407	92.9	6,556	91.4	6,556	89.5	4,750	85.0	1,307

*Hospitals (CHR/CMA excluded)

Table 1.2: Case management

Background characteristics	3.17: Children aged < 5 years with fever who received treatment with any antimalarial	
Zone of residence	%	N
<i>Urban</i>	45.8	203
<i>Rural</i>	67.8	1,097
Region		
<i>Boucle du Mouhoun</i>	66.9	266
<i>Centre Est</i>	76.7	210
<i>Centre Nord</i>	56.4	367
<i>Nord</i>	60.1	308
<i>Sud Ouest</i>	71.1	149
Level of health facility		
<i>Primary</i>	66.0	1,192
<i>Secondary</i>	36.0	75
<i>Private</i>	69.7	33
Type of Health worker		
<i>Nurses</i>	62.7	893
<i>Midwives</i>	78.6	84
<i>Agent itinerant de santé (AIS)</i>	66.8	307
Total	64.4	1,300
Study zone*		
<i>Interventions</i>		
- <i>T1</i>	63.9	371
- <i>T2</i>	70.8	274
- <i>T3</i>	65.0	257
- <i>T4</i>	59.8	112
<i>Control</i>	68.7	211
Total*	66.1	1,225

*Hospitals (CHR/CMA excluded)

2. Cross tables all indicators

Table 2.1: Vaccination and micronutrients coverage

Background characteristics	3.1a: BCG Coverage		3.1b: OPV 0 Coverage		3.2a: OPV 1 Coverage		3.2b: Penta 1 Coverage	
Zone of residence	%	N	%	N	%	N	%	N
<i>Urban</i>	91.1	482	79.0	482	90.4	457	88.2	457
<i>Rural</i>	92.6	6,925	74.5	6,925	93.6	6,579	90.7	6,579
Region								
<i>Boucle du Mouhoun</i>	89.8	1,471	76.4	1,471	89.8	1,376	88.8	1,376
<i>Centre Est</i>	92.0	1,127	70.2	1,127	91.9	1,080	85.0	1,080
<i>Centre Nord</i>	94.1	1,941	74.2	1,941	96.3	1,847	93.1	1,847
<i>Nord</i>	94.7	2,277	78.8	2,277	96.8	2,169	94.5	2,169
<i>Sud Ouest</i>	86.6	591	65.7	591	82.4	564	81.4	564
Caregiver's education level								
<i>None</i>	92.4	6,885	74.2	6,885	93.4	6,553	90.3	6,553
<i>Primary school</i>	93.6	359	81.3	359	92.9	337	93.2	337
<i>Secondary and more</i>	95.7	163	84.7	163	95.2	146	93.8	146
Quintile of economic well being								
<i>Poorest</i>	89.6	1,355	71.8	1,355	89.6	1,294	86.5	1,294
<i>Second quintile</i>	91.5	1,392	73.9	1,392	93.0	1,319	89.5	1,319
<i>Middle quintile</i>	91.1	1,480	75.9	1,480	92.8	1,396	89.5	1,396
<i>Fourth quintile</i>	94.2	1,553	76.4	1,553	95.0	1,487	92.3	1,487
<i>Least poor</i>	95.5	1,627	75.4	1,627	95.9	1,540	94.0	1,540
Study zone								
<i>Interventions</i>								
- <i>T1</i>	92.5	2,182	75.5	2,182	94.2	2,073	91.1	2,073
- <i>T2</i>	93.7	1,494	73.9	1,494	94.8	1,427	91.0	1,427
- <i>T3</i>	92.2	1,430	75.3	1,430	94.4	1,346	90.0	1,346
- <i>T4</i>	89.1	595	80.3	595	91.0	554	87.7	554
<i>Control</i>	93.0	1,706	72.2	1,706	91.2	1,636	90.8	1,636
Total	92.5	7,407	74.8	7,407	93.4	7,036	90.5	7,036

Table 2.1: Vaccination and micronutrients coverage (cont.)

Background characteristics	3.3a: OPV 2 Coverage		3.3.b: Penta 2 Coverage		3.4.a: OPV 3 Coverage		3.4.b: Penta 3 Coverage	
Zone of residence	%	N	%	N	%	N	%	N
<i>Urban</i>	89.8	443	88.7	443	89.7	427	89.0	427
<i>Rural</i>	93.5	6,348	91.7	6,348	93.1	6,129	91.6	6,129
Region								
<i>Boucle du Mouhoun</i>	89.4	1,325	90.1	1,325	88.9	1,289	89.9	1,289
<i>Centre Est</i>	92.1	1,050	85.6	1,050	91.8	1,009	85.8	1,009
<i>Centre Nord</i>	96.2	1,775	94.0	1,775	95.8	1,720	93.5	1,720
<i>Nord</i>	96.5	2,098	95.3	2,098	95.9	2,017	95.1	2,017
<i>Sud Ouest</i>	83.1	543	83.2	543	83.5	521	84.5	521
Caregiver's education level								
<i>None</i>	93.3	6,327	91.3	6,327	92.8	6,111	91.1	6,111
<i>Primary school</i>	93.5	324	94.1	324	93.6	312	95.2	312
<i>Secondary and more</i>	94.3	140	95.0	140	92.5	133	94.7	133
Quintile of economic well being								
<i>Poorest</i>	89.2	1,238	87.5	1,238	88.7	1,196	87.5	1,196
<i>Second quintile</i>	93.0	1,273	90.3	1,273	92.5	1,227	90.1	1,227
<i>Middle quintile</i>	92.6	1,357	90.4	1,357	92.5	1,312	90.7	1,312
<i>Fourth quintile</i>	95.2	1,439	93.2	1,439	94.8	1,380	93.3	1,380
<i>Least poor</i>	95.7	1,484	95.2	1,484	95.1	1,441	94.6	1,441
Study zone								
<i>Interventions</i>								
- <i>T1</i>	94.1	1,991	92.2	1,991	93.5	1,931	92.0	1,931
- <i>T2</i>	94.9	1,381	91.8	1,381	94.6	1,320	91.8	1,320
- <i>T3</i>	94.2	1,307	90.8	1,307	94.1	1,263	91.0	1,263
- <i>T4</i>	90.5	535	88.4	535	90.2	519	89.0	519
<i>Control</i>	91.1	1,577	91.9	1,577	90.4	1,523	91.5	1,523
Total	93.3	6,791	91.5	6,791	92.9	6,556	91.4	6,556

Table 2.1: Vaccination and micronutrients coverage (cont.)

Background characteristics	3.5: Measles Coverage		3.6: Yellow fever Coverage		3.7: Full vaccination Coverage	
Zone of residence	%	N	%	N	%	N
<i>Urban</i>	86.5	296	86.5	297	79.8	94
<i>Rural</i>	89.7	4,454	88.5	4,456	85.4	1,213
Region						
<i>Boucle du Mouhoun</i>	87.6	878	87.5	878	84.6	234
<i>Centre Est</i>	85.9	761	82.5	761	76.0	208
<i>Centre Nord</i>	92.3	1,278	92.2	1,280	87.7	334
<i>Nord</i>	91.6	1,503	90.5	1,504	89.4	432
<i>Sud Ouest</i>	82.4	330	79.7	330	76.8	99
Caregiver's education level						
<i>None</i>	89.3	4,444	88.3	4,447	85.1	1,203
<i>Primary school</i>	92.4	223	89.7	223	84.0	75
<i>Secondary and more</i>	90.4	83	90.4	83	82.8	29
Quintile of economic well being						
<i>Poorest</i>	86.0	808	85.7	809	82.8	233
<i>Second quintile</i>	88.5	899	86.7	899	80.4	285
<i>Middle quintile</i>	89.1	940	88.8	941	86.3	271
<i>Fourth quintile</i>	91.5	1,014	89.9	1,014	87.4	247
<i>Least poor</i>	91.2	1,089	89.9	1,090	88.2	271
Study zone						
Interventions						
- <i>T1</i>	88.0	1,430	87.4	1,430	85.4	411
- <i>T2</i>	92.3	980	90.7	982	91.1	259
- <i>T3</i>	90.9	934	88.9	935	84.1	252
- <i>T4</i>	88.4	345	88.4	345	82.1	95
<i>Control</i>	87.9	1,061	87.0	1,061	80.7	290
Total	89.5	4,750	88.4	4,753	85.0	1,307

Table 2.1: Vaccination and micronutrients coverage (cont.)

Background characteristics	3.8a: BCG Timely Coverage		3.8b: Penta 1 Timely Coverage		3.8c: Penta 3 Timely Coverage		3.8d: Measles Timely Coverage	
Zone of residence	%	N	%	N	%	N	%	N
<i>Urban</i>	64.5	256	69.0	248	51.9	208	22.7	154
<i>Rural</i>	62.3	3,179	62.1	3,180	45.3	2,760	30.7	2,133
Region								
<i>Boucle du Mouhoun</i>	58.0	610	54.9	601	38.9	514	33.5	379
<i>Centre Est</i>	71.8	475	69.8	470	52.8	415	33.3	333
<i>Centre Nord</i>	66.9	1,047	67.3	1,070	50.6	929	27.7	740
<i>Nord</i>	56.0	1,016	57.8	1,012	42.4	863	29.8	665
<i>Sud Ouest</i>	63.8	287	66.5	275	42.1	247	28.8	170
Caregiver's education level								
<i>None</i>	62.0	3,147	62.2	3,140	45.4	2,724	30.0	2,110
<i>Primary school</i>	67.7	195	69.8	199	51.4	175	30.3	132
<i>Secondary and more</i>	68.8	93	60.7	89	46.4	69	35.6	45
Quintile of economic well being								
<i>Poorest</i>	59.5	593	59.7	610	41.1	530	30.1	396
<i>Second quintile</i>	62.7	609	61.7	621	45.4	540	28.2	426
<i>Middle quintile</i>	61.9	687	62.1	668	46.9	582	30.2	454
<i>Fourth quintile</i>	63.5	759	63.8	756	47.7	654	30.4	497
<i>Least poor</i>	64.2	787	64.9	773	47.0	662	31.7	514
Study zone*								
<i>Interventions</i>								
- <i>T1</i>	59.1	948	63.0	952	44.3	820	29.0	632
- <i>T2</i>	62.7	750	62.8	712	45.0	609	30.1	501
- <i>T3</i>	65.0	677	66.2	689	45.6	608	29.1	477
- <i>T4</i>	56.9	232	51.4	222	39.6	187	42.4	132
<i>Control</i>	65.8	828	62.0	853	49.9	744	29.5	545
Total*	62.5	3,435	62.6	3,428	45.8	2,968	30.2	2,287

*Hospitals (CHR/CMA excluded)

Table 2.1: Vaccination and micronutrients coverage (cont.)

Background characteristics	3.09: Neonates protected at birth against neonatal tetanus		3.10: Vita A Coverage among under 3		3.11: Vita A coverage among 6-59 months aged children	
Zone of residence	%	N	%	N	%	N
<i>Urban</i>	67.8	311	80.0	155	78.0	346
<i>Rural</i>	66.0	4,411	81.7	2,348	79.8	5,025
Region						
<i>Boucle du Mouhoun</i>	71.7	980	69.7	452	65.0	1,028
<i>Centre Est</i>	82.6	678	74.9	410	73.9	876
<i>Centre Nord</i>	49.1	1,263	84.2	689	83.4	1,419
<i>Nord</i>	65.8	1,396	93.0	761	91.7	1,635
<i>Sud Ouest</i>	79.8	405	69.6	191	68.5	413
Caregiver's education level						
<i>None</i>	66.1	4,690	82.0	2,366	79.9	5,017
<i>Primary school</i>	82.6	23	77.0	100	78.0	255
<i>Secondary and more</i>	66.7	9	73.0	37	74.7	99
Quintile of economic well being						
<i>Poorest</i>	64.7	911	75.5	413	73.3	956
<i>Second quintile</i>	63.3	908	76.5	455	75.9	1,010
<i>Middle quintile</i>	67.1	940	81.6	485	79.0	1,069
<i>Fourth quintile</i>	65.7	950	84.0	557	82.9	1,125
<i>Least poor</i>	69.6	1,013	87.5	593	85.4	1,211
Study zone						
<i>Interventions</i>						
- <i>T1</i>	66.8	1,360	84.4	745	81.6	1,591
- <i>T2</i>	67.6	926	84.5	529	84.1	1,102
- <i>T3</i>	59.7	924	82.3	486	82.5	1,052
- <i>T4</i>	69.8	377	69.1	181	65.7	417
<i>Control</i>	68.3	1,135	78.6	562	75.4	1,209
Total	66.2	4,722	81.6	2,503	79.7	5,371

Table 2.1: Vaccination and micronutrients coverage (cont.)

Background characteristics	3.12: U5Y0 Providers knowledge on vaccination schedule (each score scale of 1-5)		
Zone of residence	Mean	SD	N
<i>Urban</i>	1.9	0.5	252
<i>Rural</i>	1.9	0.4	913
Level of health facility			
<i>Primary</i>	-	-	-
<i>Secondary</i>	-	-	-
<i>Private</i>	-	-	-
Region			
<i>Boucle du Mouhoun</i>	1.9	0.4	272
<i>Centre Est</i>	2.0	0.4	151
<i>Centre Nord</i>	1.9	0.3	328
<i>Nord</i>	1.8	0.5	364
<i>Sud Ouest</i>	1.7	0.5	72
Total	1.9	0.4	1,187
Study zone			
<i>Interventions</i>			
- <i>T1</i>	1.8	0.5	331
- <i>T2</i>	1.9	0.4	204
- <i>T3</i>	1.9	0.4	190
- <i>T4</i>	1.9	0.2	101
<i>Control</i>	1.9	0.4	223
Total	1.9	0.4	1,187

Table 2.2: Case management

Background characteristics	3.13: Case management Diarrhea (effective)		3.14: Case management acute respiratory infection (effective)		3.15: Number of childhood diseases (Acute respiratory infection, diarrhea and fever) cases screened according to the IMCI approach			3.16: Children aged <5 years with diarrhea receiving oral rehydration therapy	
Zone of residence	%	N	%	N	Mean	SD	N	%	N
Urban	42.4	85	23.6	72	4.9	2.0	293	3.5	85
Rural	52.2	343	45.5	585	5.1	2.0	1,588	14.0	343
Region									
Boucle du Mouhoun	46.7	92	63.5	96	6.0	1.8	346	10.9	92
Centre Est	35.0	40	29.5	95	4.8	1.6	288	15.0	40
Centre Nord	56.9	144	34.1	223	4.7	1.9	556	12.5	144
Nord	50.4	123	50.0	202	5.1	2.3	513	12.2	123
Sud Ouest	48.3	29	41.5	41	4.7	1.9	178	6.9	29
Level of health facility									
Primary	49.7	386	45.1	617	5.0	2.0	1,726	13.0	386
Secondary	58.8	34	14.8	27	5.2	1.9	116	0.0	34
Private	37.5	8	7.7	13	5.4	1.3	39	12.5	8
Type of Health worker									
Nurses	46.4	304	40.5	449	5.2	1.9	1,244	12.2	304
Midwives	63.2	19	47.4	38	4.5	2.1	168	5.3	19
Agent itinerant de santé (AIS)	56.3	96	49.4	164	4.7	2.1	444	13.5	96
IMCI Training									
< 3 months	N/A	N/A	N/A	N/A	5.2	2.3	113	N/A	N/A
< 1 year	N/A	N/A	N/A	N/A	5.2	2.1	133	N/A	N/A
≥ 1 year	N/A	N/A	N/A	N/A	5.1	2.1	365	N/A	N/A
No IMCI training	N/A	N/A	N/A	N/A	5.0	1.9	1,257	N/A	N/A
Total	50.2	428	43.1	657	5.0	2.0	1,881	11.9	428
Study zone*									
Interventions									
- T1	42.7	124	35.3	184	5.3	2.2	535	14.5	124
- T2	61.3	80	43.3	164	4.9	2.0	381	10.0	80
- T3	41.0	83	38.8	139	5.0	1.9	383	9.6	83
- T4	41.7	36	57.5	40	6.0	1.7	138	5.6	36
Control	62.0	71	64.1	103	4.5	1.8	328	21.1	71
Total*	49.5	394	44.3	630	5.0	2.0	1,881	12.9	394

*Hospitals (CHR/CMA excluded)

Note: Indicators 3.13., 3.14, 3.16 and 3.17 are based on open ended questions. The computation relies on Henry Spencer's NFA algorithm for regular expressions, which may result in variability of these indicators within a certain range (Δ approx. 5 percentage points).

Table 2.3: Malaria

Background characteristics	3.17: Children aged < 5 years with fever who received treatment with any antimalarial	
Zone of residence	%	N
<i>Urban</i>	45.8	203
<i>Rural</i>	67.8	1,097
Region		
<i>Boucle du Mouhoun</i>	66.9	266
<i>Centre Est</i>	76.7	210
<i>Centre Nord</i>	56.4	367
<i>Nord</i>	60.1	308
<i>Sud Ouest</i>	71.1	149
Level of health facility		
<i>Primary</i>	66.0	1,192
<i>Secondary</i>	36.0	75
<i>Private</i>	69.7	33
Type of Health worker		
<i>Nurses</i>	62.7	893
<i>Midwives</i>	78.6	84
<i>Agent itinerant de santé (AIS)</i>	66.8	307
IMCI Training		
<i>< 3 months</i>	N/A	N/A
<i>< 1 year</i>	N/A	N/A
<i>≥ 1 year</i>	N/A	N/A
<i>No IMCI training</i>	N/A	N/A
Total	64.4	1,300
Study zone*		
<i>Interventions</i>		
- <i>T1</i>	63.9	371
- <i>T2</i>	70.8	274
- <i>T3</i>	65.0	257
- <i>T4</i>	59.8	112
<i>Control</i>	68.7	211
Total*	66.1	1,225

*Hospitals (CHR/CMA excluded)

Note: Indicators 3.13., 3.14, 3.16 and 3.17 are based on open ended questions. The computation relies on Henry Spencer's NFA algorithm for regular expressions, which may result in variability of these indicators within a certain range (Δ approx. 5 percentage points).

Table 2.3: Malaria (cont.)

Background characteristics	3.18: Proportion of malaria positive test (RDT) among children aged <5		3.19: Children aged <5 years sleeping under insecticide-treated nets	
	%	N	%	N
Zone of residence				
<i>Urban</i>	29.6	537	73.8	618
<i>Rural</i>	37.3	7,352	72.8	8,744
Region				
<i>Boucle du Mouhoun</i>	41.1	1,728	88.1	1,906
<i>Centre Est</i>	36.1	1,056	67.4	1,396
<i>Centre Nord</i>	24.5	2,122	69.7	2,479
<i>Nord</i>	36.5	2,224	71.7	2,848
<i>Sud Ouest</i>	63.5	759	58.9	733
Caregiver's education level				
<i>None</i>	37.3	7,302	72.6	8,689
<i>Primary school</i>	31.3	409	75.4	471
<i>Secondary and more</i>	27.5	178	78.7	202
Quintile of economic well being				
<i>Poorest</i>	42.1	1,448	70.5	1,696
<i>Second quintile</i>	37.9	1,426	70.8	1,747
<i>Middle quintile</i>	36.6	1,572	72.8	1,867
<i>Fourth quintile</i>	34.2	1,686	75.4	1,996
<i>Least poor</i>	34.3	1,757	74.2	2,056
Study zone*				
<i>Interventions</i>				
- <i>T1</i>	37.5	2,347	77.8	2,752
- <i>T2</i>	37.0	1,602	69.2	1,918
- <i>T3</i>	37.6	1,534	72.9	1,824
- <i>T4</i>	35.1	664	96.9	751
<i>Control</i>	35.5	1,742	61.3	2,117
Total*	36.8	7,889	72.9	9,362

*Hospitals (CHR/CMA excluded)

3. Balance tables

3.1 Balance table (all regions)

Indicators	Mean							t-test* p-value	F-test** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
3.1a: BCG Coverage	0.925	0.924	0.925	0.937	0.922	0.891	0.930	0.063	0.004	1.000	1.000	0.033	0.699	0.002	0.101
3.1b: OPV 0 Coverage	0.748	0.755	0.755	0.739	0.753	0.803	0.722	0.000	0.022	1.000	1.000	0.093	1.000	0.012	0.100
3.2a: OPV 1 Coverage	0.934	0.941	0.942	0.948	0.944	0.910	0.912	0.000	0.011	1.000	1.000	0.025	1.000	0.007	0.027
3.2b: Penta 1 Coverage	0.905	0.904	0.911	0.910	0.900	0.877	0.908	0.390	0.091	1.000	1.000	0.104	1.000	0.169	0.784
3.3a: OPV 2 Coverage	0.933	0.940	0.941	0.949	0.942	0.905	0.911	0.000	0.003	1.000	1.000	0.010	1.000	0.002	0.014
3.3b: Penta 2 Coverage	0.915	0.914	0.922	0.918	0.908	0.884	0.919	0.126	0.039	1.000	1.000	0.037	1.000	0.104	0.571
3.4a: OPV 3 Coverage	0.929	0.936	0.935	0.946	0.941	0.902	0.904	0.000	0.004	1.000	1.000	0.038	1.000	0.003	0.011
3.4b: Penta 3 Coverage	0.914	0.914	0.920	0.918	0.910	0.890	0.915	0.699	0.163	1.000	1.000	0.199	1.000	0.325	1.000
3.5: Measles Coverage	0.895	0.899	0.880	0.923	0.909	0.884	0.879	0.000	0.003	0.003	0.124	1.000	1.000	0.218	1.000
3.6: Yellow fever Coverage	0.884	0.888	0.874	0.907	0.889	0.884	0.870	0.001	0.090	0.067	1.000	1.000	1.000	1.000	1.000
3.7: Full vaccination coverage	0.850	0.862	0.854	0.911	0.841	0.821	0.807	0.000	0.051	0.218	1.000	1.000	0.131	0.175	1.000
3.08a: BCG timely coverage	0.625	0.614	0.591	0.627	0.650	0.569	0.658	0.000	0.039	0.783	0.094	1.000	1.000	0.686	0.172
3.08b: Penta1 timely coverage	0.626	0.628	0.630	0.628	0.662	0.514	0.620	0.413	0.001	1.000	1.000	0.007	1.000	0.012	0.000
3.08c: Penta3 timely coverage	0.458	0.444	0.443	0.450	0.456	0.396	0.499	0.000	0.535	1.000	1.000	1.000	1.000	1.000	0.899
3.08d: Measles timely Coverage	0.302	0.304	0.290	0.301	0.291	0.424	0.295	0.454	0.018	1.000	1.000	0.013	1.000	0.038	0.020
3.09: Neonates protected at birth against neonatal tetanus	0.662	0.655	0.668	0.676	0.597	0.698	0.683	0.000	0.000	1.000	0.003	1.000	0.002	1.000	0.003
3.10: Vita A coverage among under 3	0.816	0.825	0.844	0.845	0.823	0.691	0.786	0.000	0.000	1.000	1.000	0.000	1.000	0.000	0.000
3.11: Vita A coverage among 6-59 months aged children	0.797	0.809	0.816	0.841	0.825	0.657	0.754	0.000	0.000	0.633	1.000	0.000	1.000	0.000	0.000
3.12: U5Y0 Providers knowledge on vaccination schedule (specific vaccines)	1.859	1.860	1.822	1.887	1.853	1.941	1.857	0.834	0.061	0.477	1.000	0.077	1.000	1.000	0.532
3.13: Case management Diarrhea (effective)	0.495	0.467	0.427	0.613	0.410	0.417	0.620	0.000	0.028	0.057	1.000	1.000	0.056	0.297	1.000
3.14: Case management acute respiratory infection (effective)	0.443	0.404	0.353	0.433	0.388	0.575	0.641	0.000	0.057	0.779	1.000	0.058	1.000	0.601	0.204
3.15: All childhood diseases screened according to the IMCI approach	5.037	5.168	5.273	4.913	4.982	5.978	4.466	0.000	0.000	0.046	0.184	0.001	1.000	0.000	0.000

Annex III: Indicators: Cross- and balance tables

3.16: Children aged <5 years with diarrhea receiving oral rehydration	0.129	0.111	0.145	0.100	0.096	0.056	0.211	0.000	0.418	1.000	1.000	0.806	1.000	1.000	1.000
3.17: Children aged < 5 years with fever who received treatment with any antimalarial	0.661	0.656	0.639	0.708	0.650	0.598	0.687	0.036	0.141	0.405	1.000	1.000	0.949	0.237	1.000
3.18: Proportion of malaria positive test (RDT) among children aged <5	0.368	0.372	0.375	0.370	0.376	0.351	0.355	0.009	0.680	1.000	1.000	1.000	1.000	1.000	1.000
3.19: Children aged <5 years sleeping under insecticide-treated nets	0.729	0.763	0.778	0.692	0.729	0.969	0.613	0.000	0.000	0.000	0.001	0.000	0.039	0.000	0.000

* intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

3.2 Balance table: Boucle Du Mouhoun

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
3.1a: BCG Coverage	0.898	0.893	0.895	0.891	0.914	0.022	0.814	0.814
3.1b: OPV 0 Coverage	0.764	0.794	0.783	0.803	0.673	0.000	0.393	0.393
3.2a: OPV 1 Coverage	0.898	0.911	0.913	0.910	0.855	0.000	0.852	0.852
3.2b: Penta 1 Coverage	0.888	0.885	0.894	0.877	0.897	0.245	0.388	0.388
3.3a: OPV 2 Coverage	0.894	0.911	0.917	0.905	0.845	0.000	0.484	0.484
3.3b: Penta 2 Coverage	0.901	0.899	0.917	0.884	0.906	0.491	0.082	0.082
3.4a: OPV 3 Coverage	0.889	0.905	0.909	0.902	0.841	0.000	0.705	0.705
3.4b: Penta 3 Coverage	0.899	0.900	0.911	0.890	0.897	0.754	0.279	0.279
3.5: Measles Coverage	0.876	0.870	0.855	0.884	0.892	0.092	0.267	0.267
3.6: Yellow fever Coverage	0.875	0.873	0.861	0.884	0.879	0.665	0.383	0.383
3.7: Full vaccination coverage	0.846	0.847	0.878	0.821	0.842	0.844	0.296	0.296
3.08a: BCG timely coverage	0.580	0.561	0.552	0.569	0.627	0.006	0.727	0.727
3.08b: Penta1 timely coverage	0.549	0.564	0.620	0.514	0.511	0.028	0.027	0.027
3.08c: Penta3 timely coverage	0.389	0.402	0.409	0.396	0.358	0.084	0.796	0.796
3.08d: Measles timely Coverage	0.335	0.362	0.301	0.424	0.272	0.002	0.037	0.037
3.09: Neonates protected at birth against neonatal tetanus	0.717	0.716	0.736	0.698	0.722	0.717	0.258	0.258
3.10: Vita A coverage among under 3	0.816	0.825	0.844	0.845	0.823	0.691	0.786	0.000
3.11: Vita A coverage among 6-59 months aged children	0.650	0.662	0.669	0.657	0.611	0.003	0.737	0.737
3.12: U5Y0 Providers knowledge on vaccination schedule (specific vaccines)	1.918	1.927	1.911	1.941	1.887	0.145	0.591	0.591
3.13: Case management Diarrhea (effective)	0.466	0.403	0.389	0.417	0.750	0.000	0.813	0.813
3.14: Case management acute respiratory infection (effective)	0.642	0.623	0.714	0.575	0.676	0.396	0.294	0.294
3.15: All childhood diseases screened according to the IMCI approach	6.022	6.225	6.522	5.978	5.265	0.000	0.016	0.016
3.16: Children aged <5 years with diarrhea receiving oral rehydration	0.114	0.097	0.139	0.056	0.188	0.012	0.239	0.239
3.17: Children aged < 5 years with fever who received treatment with any antimalarial	0.671	0.628	0.663	0.598	0.843	0.000	0.338	0.338
3.18: Proportion of malaria positive test (RDT) among children aged <5	0.411	0.361	0.373	0.351	0.546	0.000	0.420	0.420
3.19: Children aged <5 years sleeping under insecticide-treated nets	0.881	0.970	0.970	0.969	0.624	0.000	0.952	0.952

* Intervention (all arms combined) vs. control. **intervention arms only (T1 vs. T2 vs. T3 vs. T4)

3.3 Balance table: Regions Centre Est, Centre Nord, Nord, and Sud-Ouest

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
3.1a: BCG Coverage	0.932	0.931	0.934	0.937	0.922	0.935	0.363	0.219	1.000	0.530	0.300
3.1b: OPV 0 Coverage	0.744	0.746	0.747	0.739	0.753	0.735	0.069	0.676	1.000	1.000	1.000
3.2a: OPV 1 Coverage	0.943	0.948	0.951	0.948	0.944	0.927	0.000	0.666	1.000	1.000	1.000
3.2b: Penta 1 Coverage	0.909	0.909	0.916	0.910	0.900	0.911	0.682	0.321	1.000	0.399	1.000
3.3a: OPV 2 Coverage	0.942	0.946	0.948	0.949	0.942	0.928	0.000	0.676	1.000	1.000	1.000
3.3b: Penta 2 Coverage	0.918	0.917	0.923	0.918	0.908	0.923	0.144	0.357	1.000	0.470	1.000
3.4a: OPV 3 Coverage	0.938	0.943	0.943	0.946	0.941	0.921	0.000	0.858	1.000	1.000	1.000
3.4b: Penta 3 Coverage	0.918	0.917	0.922	0.918	0.910	0.920	0.470	0.483	1.000	0.698	1.000
3.5: Measles Coverage	0.899	0.905	0.887	0.923	0.909	0.876	0.000	0.014	0.012	0.252	0.837
3.6: Yellow fever Coverage	0.886	0.891	0.878	0.907	0.889	0.868	0.000	0.092	0.089	1.000	0.579
3.7: Full vaccination coverage	0.851	0.865	0.848	0.911	0.841	0.798	0.000	0.034	0.077	1.000	0.062
3.08a: BCG timely coverage	0.635	0.625	0.601	0.627	0.650	0.667	0.000	0.163	0.919	0.172	1.000
3.08b: Penta1 timely coverage	0.642	0.641	0.633	0.628	0.662	0.648	0.474	0.362	1.000	0.777	0.555
3.08c: Penta3 timely coverage	0.472	0.452	0.452	0.450	0.456	0.535	0.000	0.980	1.000	1.000	1.000
3.08d: Measles timely Coverage	0.295	0.293	0.287	0.301	0.291	0.302	0.475	0.871	1.000	1.000	1.000
3.09: Neonates protected at birth against neonatal tetanus	0.647	0.640	0.645	0.676	0.597	0.671	0.001	0.002	0.467	0.085	0.001
3.10: Vita A coverage among under 3	0.816	0.825	0.844	0.845	0.823	0.691	0.786	0.000	0.000	1.000	1.000
3.11: Vita A coverage among 6-59 months aged children	0.832	0.843	0.860	0.841	0.825	0.792	0.000	0.077	0.669	0.072	0.914
3.12: U5Y0 Providers knowledge on vaccination schedule (specific vaccines)	1.841	1.839	1.788	1.887	1.853	1.847	0.653	0.048	0.047	0.370	1.000
3.13: Case management Diarrhea (effective)	0.503	0.486	0.443	0.613	0.410	0.582	0.003	0.021	0.083	1.000	0.028
3.14: Case management acute respiratory infection (effective)	0.407	0.376	0.307	0.433	0.388	0.623	0.000	0.058	0.056	0.430	1.000
3.15: All childhood diseases screened according to the IMCI approach	4.819	4.942	4.931	4.913	4.982	4.258	0.000	0.887	1.000	1.000	1.000
3.16: Children aged <5 years with diarrhea receiving oral rehydration	0.134	0.116	0.148	0.100	0.096	0.218	0.000	0.505	1.000	0.889	1.000
3.17: Children aged < 5 years with fever who received treatment with any antimalarial	0.659	0.663	0.630	0.708	0.650	0.638	0.127	0.136	0.163	1.000	0.469
3.18: Proportion of malaria positive test (RDT) among children aged <5	0.356	0.374	0.376	0.370	0.376	0.286	0.000	0.919	1.000	1.000	1.000
3.19: Children aged <5 years sleeping under insecticide-treated nets	0.690	0.712	0.716	0.692	0.729	0.609	0.000	0.037	0.262	1.000	0.035

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

4. Key indicators by district

Districts	3.1a: BCG Coverage		3.1b: OPV 0 Coverage		3.4.a: OPV 3 Coverage		3.4.b: Penta 3 Coverage		3.5: Measles Coverage	
	%	n	%	n	%	n	%	n	%	n
BOROMO	92.4	172	65.7	172	92.0	150	87.3	150	90.8	109
NOUNA	90.9	517	82.8	517	91.4	456	92.3	456	88.2	297
SOLENZO	87.9	593	76.4	593	88.7	513	88.9	513	86.0	358
TOMA	90.5	189	68.8	189	87.6	170	81.2	170	87.7	114
MANGA	93.9	165	73.3	165	93.8	146	94.5	146	91.5	106
OUARGAYE	89.7	485	71.1	485	80.0	445	88.1	445	87.1	318
TENKODOGO	93.4	411	67.2	411	88.9	361	95.3	361	82.5	292
ZABRE	95.5	66	74.2	66	91.2	57	91.2	57	86.7	45
BARSALGHO	92.1	89	74.2	89	94.5	73	98.6	73	85.5	55
KAYA	95.0	918	75.8	918	94.2	805	97.4	805	92.9	630
KONGOUSSI	94.7	600	77.5	600	94.4	536	95.9	536	93.0	413
ZINIARE	91.3	334	63.8	334	90.2	306	90.5	306	90.6	180
BOUSSE	98.0	245	85.3	245	94.3	228	94.3	228	82.4	170
GOURCY	93.9	602	75.1	602	93.2	532	94.2	532	94.8	362
OUAHIGOUYA	93.7	1,134	78.8	1,134	95.9	990	96.7	990	92.7	767
YAKO	97.6	296	81.1	296	97.0	267	97.8	267	89.2	204
BATIE	86.7	158	61.4	158	82.3	147	83.7	147	75.0	92
DANO	95.8	71	74.6	71	94.8	58	87.9	58	84.6	39
DIEBOUGOU	88.9	280	70.7	280	88.6	245	88.2	245	85.5	159
GAOUA	70.7	82	48.8	82	66.2	71	63.4	71	85.0	40
Total	92.5	7,407	74.8	7,407	91.4	6,556	92.9	6,556	89.5	4,750

Key indicators by district (continued)

Districts	3.7: Fully Vaccination Coverage		3-17 Children aged < 5 years with fever who received treatment with any antimalarial	
	%	n	%	n
BOROMO	83.9	31	66.7	21
NOUNA	93.4	61	61.9	63
SOLENZO	80.2	116	60.2	123
TOMA	84.6	26	88.9	27
MANGA	80.0	25	64.7	17
OUARGAYE	79.5	83	85.4	123
TENKODOGO	70.7	92	63.5	63
ZABRE	87.5	8	80.0	5
BARSALGHO	91.7	12	50.0	12
KAYA	92.2	141	57.7	175
KONGOSSI	85.0	133	57.0	107
ZINIARE	81.3	48	47.9	48
BOUSSE	75.5	49	42.9	21
GOURCY	91.6	95	77.3	44
OUAHIGOUYA	93.8	227	62.6	174
YAKO	80.3	61	63.0	27
BATIE	82.1	28	55.6	36
DANO	71.4	14	92.3	13
DIEBOUGOU	73.2	41	72.6	73
GAOUA	81.3	16	75.0	24
Total	85.0	1,307	64.7	1,196

WP 4: Nutrition

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1. Key indicators tables

Table 1.1: Timely initiation breastfeeding & exclusive breastfeeding

Background characteristics	4-2 Timely initiation breastfeeding (within the first hour after delivery)		4-4 Exclusive breastfeeding(0-6months)	
	%	N	%	N
Zone of residence				
<i>Urban</i>	38.6	202	45.0	20
<i>Rural</i>	35.9	2,892	56.6	339
Region				
<i>Boucle du Mouhoun</i>	33.2	558	47.4	57
<i>Centre Est</i>	15.8	385	25.0	4
<i>Centre Nord</i>	28.4	909	52.7	146
<i>Nord</i>	56.1	998	63.2	152
<i>Sud Ouest</i>	21.7	244	0.0	0
Mother's education level				
None	35.3	2,812	56.3	320
Primary school	43.5	184	44.8	29
Secondary and more	45.9	98	80.0	10
Study zone				
<i>Interventions</i>				
<i>T1</i>	41.1	828	62.0	79
<i>T2</i>	33.4	604	55.6	63
<i>T3</i>	36.2	594	50.0	36
<i>T4</i>	35.9	206	59.1	22
<i>Control</i>	33.2	862	54.1	159
Quintile of economic well being				
<i>Poorest</i>	32.1	636	50.7	71
<i>Second quintile</i>	35.0	614	53.2	77
<i>Third quintile</i>	36.0	623	59.5	74
<i>Fourth quintile</i>	37.5	616	63.9	72
<i>Least poor</i>	40.2	605	52.3	65
Total	36.1	3,094	56.0	359

Table 1.2: Growth monitoring and severe acute malnutrition

Background characteristics	4-6 Growth monitoring 0-59 months		4-13: Severe acute malnutrition (WHZ<-3SD)		4-7 Severe stunting 0-59m	
Zone of residence	%	N	%	N	<-3SD	N
<i>Urban</i>	24.3	609	10.1	483	24.7	482
<i>Rural</i>	21.4	8,610	11.2	6,642	23.9	6,796
Region						
<i>Boucle du Mouhoun</i>	17.3	1,866	9.6	1,629	25.6	1,624
<i>Centre Est</i>	26.6	1,345	8.3	899	31.0	878
<i>Centre Nord</i>	22.4	2,433	7.7	1,975	22.0	2,003
<i>Nord</i>	23.0	2,787	19.1	1,933	21.9	2,066
<i>Sud Ouest</i>	15.7	788	5.7	689	23.2	707
Age groups						
<6 months	23.0	1,357	13.4	1,025	18.1	1,124
6-11 months	39.4	1,330	8.4	1,092	20.6	1,106
12-23 months	29.5	2,528	10.9	2,036	29.5	2,057
24-35 months	15.2	1,128	11.1	923	29.5	924
36-47 months	8.8	1,469	11.8	1,067	23.6	1,059
48-59 months	7.7	1,397	11.6	982	18.3	1,008
Mother's education level						
None	21.1	8,552	11.2	6,609	24.3	6,742
Primary school	28.3	467	10.3	359	20.2	372
Secondary and more	28.0	200	10.2	157	18.9	164
Study zone						
<i>Interventions</i>						
<i>T1</i>	23.5	2,702	11.7	2,088	25.4	2,145
<i>T2</i>	23.3	1,852	10.9	1,424	22.1	1,455
<i>T3</i>	22.9	1,807	11.0	1,350	23.6	1,408
<i>T4</i>	17.2	728	7.3	617	28.7	616
<i>Control</i>	18.1	2,130	12.1	1,646	22.4	1,654
Quintile of economic well being						
<i>Poorest</i>	21.5	1,680	11.0	1,306	26.5	1,330
<i>Second quintile</i>	19.4	1,723	11.9	1,278	24.2	1,297
<i>Third quintile</i>	21.9	1,844	10.4	1,429	23.8	1,456
<i>Fourth quintile</i>	20.8	1,955	10.8	1,516	23.6	1,557
<i>Least poor</i>	23.9	2,017	11.6	1,596	22.2	1,638
Total	21.6	9,219	11.1	7,125	24.0	7,278

Table 1.3: Children anemia

Background characteristics	4-14 Anemia (<11g/dl)		4-15 Slight anemia (10-10.9g/dl)	4-16 Moderate anemia (7-9.9g/dl)	4-17 Severe anemia (<7g/dl)	Total
Zone of residence	%	N	%	%	%	N
<i>Urban</i>	89.2	461	19.2	65.2	15.6	411
<i>Rural</i>	88.3	6,234	19.8	64.1	16.1	5,502
Region						
<i>Boucle du Mouhoun</i>	87.6	1,464	16.3	67.0	16.7	1,282
<i>Centre Est</i>	84.8	896	23.7	65.3	11.1	760
<i>Centre Nord</i>	92.4	1,782	15.7	68.8	15.6	1,646
<i>Nord</i>	84.5	1,893	29.1	61.3	9.6	1,600
<i>Sud Ouest</i>	94.7	660	8.8	52.2	39.0	625
Age groups						
6-11 months	86.2	1,224	20.5	59.9	19.6	1,055
12-23 months	89.8	2,260	17.2	64.2	18.5	2,030
24-35 months	90.7	983	16.5	64.0	19.5	892
36-47 months	87.7	1,153	22.9	66.1	11.0	1,011
48-59 months	86.0	1,075	24.1	66.9	9.0	925
Mother's education level						
None	88.4	6,219	19.5	64.4	16.1	5,500
Primary school	87.9	338	24.6	59.3	16.2	297
Secondary and more	84.1	138	20.7	66.4	12.9	116
Study zone						
<i>T1</i>	86.8	1,984	17.8	65.4	16.8	1,723
<i>T2</i>	89.6	1,361	20.3	61.8	18.0	1,219
<i>T3</i>	91.2	1,289	16.9	65.8	17.4	1,175
<i>T4</i>	88.4	558	16.4	70.2	13.4	493
<i>Control</i>	86.7	1,503	25.8	61.0	13.2	1,303
Quintile of economic well being						
<i>Poorest</i>	91.2	1,211	15.8	62.3	21.9	1,104
<i>Second quintile</i>	88.2	1,204	18.4	64.3	17.3	1,062
<i>Third quintile</i>	87.3	1,343	19.4	64.7	15.9	1,173
<i>Fourth quintile</i>	87.8	1,447	21.9	63.7	14.5	1,271
<i>Least poor</i>	87.4	1,490	22.6	65.6	11.8	1,303
Total	88.3	6,695	19.8	64.2	16.1	5,913

Table 1.4: Women anemia

Background characteristics	4-18 Anemia (NP ¹ <12g/dl; P <11g/dl)		4-19 Slight anemia (NP 11- 11.9 g/dl; P (10-10.9g/dl)	4-20 Moderate anemia (NP 8- 10.9 g/dl; P (7-9.9g/dl)	4-21 Severe anemia (NP <8 g/dl; P (<7g/dl)	Total
Zone of residence	%	n	%	%	%	N
<i>Urban</i>	60.9	404	35.4	59.3	5.3	246
<i>Rural</i>	66.7	5,773	37.6	57.9	4.5	3,848
Region						
<i>Boucle du Mouhoun</i>	59.5	1,179	40.2	55.6	4.3	7.0
<i>Centre Est</i>	82.8	1,261	26.8	66.5	6.7	1,044
<i>Centre Nord</i>	58.4	1,687	51.4	46.6	2.0	985
<i>Nord</i>	65.2	1,455	35.4	60.7	3.9	948
<i>Sud Ouest</i>	69.7	595	31.1	61.9	7.0	415
Age groups						
15-19 years	67.1	888	34.7	60.6	4.7	596
20-24 years	64.2	1,557	38.4	57.2	4.4	1,000
25-29 years	34.2	1,483	37.6	57.9	4.5	952
30-34 years	67.5	1,103	39.3	56.5	4.2	745
35-39 years	68.9	663	35.9	60.2	3.9	457
40-44 years	70.0	353	34.4	59.1	6.5	247
45-49 years	74.6	130	43.3	50.5	6.2	97
Study zone						
<i>T1</i>	66.3	1,895	38.1	56.9	5.0	1,256
<i>T2</i>	68.1	1,426	35.7	60.0	4.2	971
<i>T3</i>	66.5	1,389	36.6	58.7	4.8	924
<i>T4</i>	59.2	461	41.8	53.5	4.8	273
<i>Control</i>	66.6	1,006	38.2	58.1	3.7	670
Quintile of economic well being						
<i>Poorest</i>	635	1,094	38.1	56.8	5.0	695
<i>Second quintile</i>	66.8	1,151	34.9	59.4	5.7	769
<i>Third quintile</i>	68.8	1,225	37.8	57.2	5.0	843
<i>Fourth quintile</i>	67.7	1,288	36.2	59.9	3.9	872
<i>Least poor</i>	64.5	1,419	36.9	56.7	3.4	915
Total	66.3	6,177	37.4	58.0	4.5	4,094

¹ NP: Non pregnant and P: Pregnant

2. Cross tables

Table 2.1: Timely initiation breastfeeding

Background characteristics	4-1 Breastfeeding		4-2 Timely initiation breastfeeding (within the first hour after delivery)		4-3 Timely initiation breastfeeding (within the 24 hours after delivery)	
	%	N	%	N	%	N
Zone of residence						
<i>Urban</i>	98.3	302	38.6	202	64.9	285
<i>Rural</i>	98.0	4,030	35.9	2,892	71.4	3,835
Region						
<i>Boucle du Mouhoun</i>	96.8	835	33.2	558	67.9	773
<i>Centre Est</i>	96.1	586	15.8	385	60.5	560
<i>Centre Nord</i>	98.5	1,216	28.4	909	75.5	1,163
<i>Nord</i>	98.7	1,256	56.1	998	80.5	1,213
<i>Sud Ouest</i>	99.3	439	21.7	244	49.4	411
Place of delivery						
Health Facility	99.2	472	35.5	310	63.1	452
Home & others	97.8	3,860	36.2	2,784	71.9	3,668
Mother's education level						
None	98.0	3,934	35.3	2,812	71.3	3,729
Primary school	97.0	263	43.5	184	65.0	257
Secondary and more	100.0	135	45.9	98	71.6	134
Study zone						
<i>Interventions</i>						
<i>T1</i>	98.3	1,233	41.1	828	66.6	1,174
<i>T2</i>	98.5	842	33.4	604	73.0	795
<i>T3</i>	98.5	877	36.2	594	66.1	843
<i>T4</i>	97.4	307	35.9	206	67.9	290
<i>Control</i>	97.0	1,073	33.2	862	79.2	1,018
Quintile of economic well being						
<i>Poorest</i>	98.8	907	32.1	636	68.3	872
<i>Second quintile</i>	96.6	846	35.0	614	71.7	802
<i>Third quintile</i>	97.9	867	36.0	623	71.2	825
<i>Fourth quintile</i>	98.7	845	37.5	616	72.8	805
<i>Least poor</i>	97.9	867	40.2	605	70.8	816
Total	98.0	4,332	36.1	3,094	70.9	4,120

Table 2.2: Exclusive breastfeeding (0-6months) and Breastfeeding + complementary feeding (6-9m)

Background characteristics	4-4 Exclusive breastfeeding(0-6months)		4-5 Breastfeeding & complementary feeding (6-9m)	
Zone of residence	%	N	%	N
<i>Urban</i>	45.0	20	57.1	14
<i>Rural</i>	56.6	339	52.7	222
Region				
<i>Boucle du Mouhoun</i>	47.4	57	52.3	44
<i>Centre Est</i>	25.0	4	0.0	0
<i>Centre Nord</i>	52.7	146	49.5	101
<i>Nord</i>	63.2	152	57.1	91
<i>Sud Ouest</i>	0.0	0	0.0	0
Mother's education level				
None	56.3	320	52.3	222
Primary school	44.8	29	60.0	5
Secondary and more	80.0	10	66.7	9
Study zone				
<i>Interventions</i>				
<i>T1</i>	62.0	79	66.7	39
<i>T2</i>	55.6	63	51.6	31
<i>T3</i>	50.0	36	48.0	25
<i>T4</i>	59.1	22	57.9	19
<i>Control</i>	54.1	159	49.2	122
Quintile of economic well being				
<i>Poorest</i>	50.7	71	61.7	47
<i>Second quintile</i>	53.2	77	41.5	53
<i>Third quintile</i>	59.5	74	57.1	42
<i>Fourth quintile</i>	63.9	72	49.1	57
<i>Least poor</i>	52.3	65	59.5	37
Total	56.0	359	53.0	236

Table 2.3: Growth monitoring 0-59 months

Background characteristics	4-6 Growth monitoring 0-59 months	
Zone of residence	%	N
<i>Urban</i>	24.3	609
<i>Rural</i>	21.4	8,610
Region		
<i>Boucle du Mouhoun</i>	17.3	1,866
<i>Centre Est</i>	26.6	1,345
<i>Centre Nord</i>	22.4	2,433
<i>Nord</i>	23.0	2,787
<i>Sud Ouest</i>	15.7	788
Age groups		
<6 months	23.0	1,357
6-11 months	39.4	1,330
12-23 months	29.5	2,528
24-35 months	15.2	1,128
36-47 months	8.8	1,469
48-59 months	7.7	1,397
Mother's education level		
None	21.1	8,552
Primary school	28.3	467
Secondary and more	28.0	200
Study zone		
<i>Interventions</i>		
<i>T1</i>	23.5	2,702
<i>T2</i>	23.3	1,852
<i>T3</i>	22.9	1,807
<i>T4</i>	17.2	728
<i>Control</i>	18.1	2,130
Quintile of economic well being		
<i>Poorest</i>	21.5	1,680
<i>Second quintile</i>	19.4	1,723
<i>Third quintile</i>	21.9	1,844
<i>Fourth quintile</i>	20.8	1,955
<i>Least poor</i>	23.9	2,017
Total	21.6	9,219

Table 2.4: Child's nutritional status (0-59 months)

Background characteristics	4-7 Severe and 4-8 Moderate stunting 0-59m			4-9 Severe and 4-10 Moderate underweight 0-59m			4-11 Severe and 4-12 Moderate wasting 0-59m		
Zone of residence	<-3SD	-3SD <HAZ<-2SD	N	<-3SD	-3SD <WAZ<-2SD	n	<-3SD	-3SD <WAZ<-2SD	n
<i>Urban</i>	24.7	20.3	482	16.4	17.1	532	10.1	8.5	483
<i>Rural</i>	23.9	21.7	6,796	18.1	17.6	7,246	11.2	10.6	6,642
Region									
<i>Boucle du Mouhoun</i>	25.6	20.1	1,624	16.7	18.2	1,707	9.6	10.4	1,629
<i>Centre Est</i>	31.0	22.6	878	17.4	15.6	1,034	8.3	7.2	899
<i>Centre Nord</i>	22.0	20.0	2,003	11.4	16.6	2,110	7.7	8.9	1,975
<i>Nord</i>	21.9	23.0	2,066	27.4	19.3	2,173	19.1	13.4	1,933
<i>Sud Ouest</i>	23.2	24.2	707	13.4	16.7	754	5.7	11.2	689
Age groups									
<6 months	18.1	14.1	1,124	12.6	16.3	1,171	13.4	8.1	1,025
6-11 months	20.6	18.6	1,106	15.8	15.8	1,206	8.4	10.2	1,092
12-23 months	29.5	22.9	2,057	18.8	17.3	2,225	10.9	10.8	2,036
24-35 months	29.5	25.2	924	21.8	19.2	971	11.1	10.6	923
36-47 months	23.6	24.7	1,059	20.7	18.3	1,138	11.8	11.4	1,067
48-59 months	18.3	23.7	1,008	18.6	19.4	1,067	11.6	11.4	982
Mother's education level									
None	24.3	21.4	6,742	18.1	17.5	7,199	11.2	10.4	6,609
Primary school	20.2	24.2	372	15.1	19.6	4.0	10.3	10.6	359
Secondary and more	18.9	22.6	164	21.6	14.2	176	10.2	12.1	157
Study zone									
<i>Interventions</i>									
<i>T1</i>	25.4	21.5	2,145	20.0	16.8	2,312	11.7	10.0	2,088
<i>T2</i>	22.1	22.2	1,455	18.0	18.7	1,574	10.9	10.0	1,424
<i>T3</i>	23.6	22.6	1,408	16.4	16.8	1,508	11.0	8.9	1,350
<i>T4</i>	28.7	18.5	616	14.0	17.2	651	7.3	8.8	617
<i>Control</i>	22.4	21.4	1,654	18.3	18.4	1,733	12.1	13.4	1,646
Quintile of economic well being									
<i>Poorest</i>	26.5	20.5	1,330	19.5	16.4	1,422	11.0	21.1	1,306
<i>Second quintile</i>	24.2	21.0	1,297	19.0	15.9	1,413	11.9	10.6	1,278
<i>Third quintile</i>	23.8	22.4	1,456	17.3	18.4	1,546	10.4	10.4	1,429
<i>Fourth quintile</i>	23.6	23.2	1,557	18.3	18.3	1,663	10.8	9.4	1,516
<i>Least poor</i>	22.2	20.6	1,638	16.4	18.4	1,734	11.6	10.2	1,596
Total	24.0	21.6	7,278	18.0	17.6	7,778	11.1	10.5	7,125

Table 2.5: Severe acute malnutrition 0-59months

Background characteristics	4-13: Severe acute malnutrition (WHZ<-3SD)	
Zone of residence	%	N
<i>Urban</i>	10.1	483
<i>Rural</i>	11.2	6,642
Region		
<i>Boucle du Mouhoun</i>	9.6	1,629
<i>Centre Est</i>	8.3	899
<i>Centre Nord</i>	7.7	1,975
<i>Nord</i>	19.1	1,933
<i>Sud Ouest</i>	5.7	689
Age groups		
< 6 months	13.4	1,025
6-11 months	8.4	1,092
12-23 months	10.9	2,036
24-35 months	11.1	923
36-47 months	11.8	1,067
48-59 months	11.6	982
Mother's education level		
None	11.2	6,609
Primary school	10.3	359
Secondary and more	10.2	157
Study zone		
<i>Interventions</i>		
<i>T1</i>	11.7	2,088
<i>T2</i>	10.9	1,424
<i>T3</i>	11.0	1,350
<i>T4</i>	7.3	617
<i>Control</i>	12.1	1,646
Quintile of economic well being		
<i>Poorest</i>	11.0	1,306
<i>Second quintile</i>	11.9	1,278
<i>Third quintile</i>	10.4	1,429
<i>Fourth quintile</i>	10.8	1,516
<i>Least poor</i>	11.6	1,596
Total	11.1	7,125

Table 2.6: Prevalence of anemia among children under five (6-59 months)

Background characteristics	4-14 Anemia (<11g/dl)		4-15 Slight anemia (10-10.9g/dl)	4-16 Moderate anemia (7-9.9g/dl)	4-17 Severe anemia (<7g/dl)	Total
Zone of residence	%	N	%	%	%	N
<i>Urban</i>	89.2	461	19.2	65.2	15.6	411
<i>Rural</i>	88.3	6,234	19.8	64.1	16.1	5,502
Region						
<i>Boucle du Mouhoun</i>	87.6	1,464	16.3	67.0	16.7	1,282
<i>Centre Est</i>	84.8	896	23.7	65.3	11.1	760
<i>Centre Nord</i>	92.4	1,782	15.7	68.8	15.6	1,646
<i>Nord</i>	84.5	1,893	29.1	61.3	9.6	1,600
<i>Sud Ouest</i>	94.7	660	8.8	52.2	39.0	625
Age groups						
6-11 months	86.2	1,224	20.5	59.9	19.6	1,055
12-23 months	89.8	2,260	17.2	64.2	18.5	2,030
24-35 months	90.7	983	16.5	64.0	19.5	892
36-47 months	87.7	1,153	22.9	66.1	11.0	1,011
48-59 months	86.0	1,075	24.1	66.9	9.0	925
Mother's education level						
None	88.4	6,219	19.5	64.4	16.1	5,500
Primary school	87.9	338	24.6	59.3	16.2	297
Secondary and more	84.1	138	20.7	66.4	12.9	116
Study zone						
<i>T1</i>	86.8	1,984	17.8	65.4	16.8	1,723
<i>T2</i>	89.6	1,361	20.3	61.8	18.0	1,219
<i>T3</i>	91.2	1,289	16.9	65.8	17.4	1,175
<i>T4</i>	88.4	558	16.4	70.2	13.4	493
<i>Control</i>	86.7	1,503	25.8	61.0	13.2	1,303
Quintile of economic well being						
<i>Poorest</i>	91.2	1,211	15.8	62.3	21.9	1,104
<i>Second quintile</i>	88.2	1,204	18.4	64.3	17.3	1,062
<i>Third quintile</i>	87.3	1,343	19.4	64.7	15.9	1,173
<i>Fourth quintile</i>	87.8	1,447	21.9	63.7	14.5	1,271
<i>Least poor</i>	87.4	1,490	22.6	65.6	11.8	1,303
Total	88.3	6,695	19.8	64.2	16.1	5,913

Table 2.7: Prevalence of anemia among Women (15-49 years)

Background characteristics	4-18 Anemia (NP ² <12g/dl; P <11g/dl)		4-19 Slight anemia (NP 11- 11.9 g/dl; P (10- 10.9g/dl)	4-20 Moderate anemia (NP 8- 10.9 g/dl; P (7-9.9g/dl)	4-21 Severe anemia (NP <8 g/dl; P (<7g/dl)	Total
Zone of residence	%	n	%	%	%	N
<i>Urban</i>	60.9	404	35.4	59.3	5.3	246
<i>Rural</i>	66.7	5,773	37.6	57.9	4.5	3,848
Region						
<i>Boucle du Mouhoun</i>	59.5	1,179	40.2	55.6	4.3	7.0
<i>Centre Est</i>	82.8	1,261	26.8	66.5	6.7	1,044
<i>Centre Nord</i>	58.4	1,687	51.4	46.6	2.0	985
<i>Nord</i>	65.2	1,455	35.4	60.7	3.9	948
<i>Sud Ouest</i>	69.7	595	31.1	61.9	7.0	415
Age groups						
15-19 years	67.1	888	34.7	60.6	4.7	596
20-24 years	64.2	1,557	38.4	57.2	4.4	1,000
25-29 years	34.2	1,483	37.6	57.9	4.5	952
30-34 years	67.5	1,103	39.3	56.5	4.2	745
35-39 years	68.9	663	35.9	60.2	3.9	457
40-44 years	70.0	353	34.4	59.1	6.5	247
45-49 years	74.6	130	43.3	50.5	6.2	97
Study zone						
<i>T1</i>	66.3	1,895	38.1	56.9	5.0	1,256
<i>T2</i>	68.1	1,426	35.7	60.0	4.2	971
<i>T3</i>	66.5	1,389	36.6	58.7	4.8	924
<i>T4</i>	59.2	461	41.8	53.5	4.8	273
<i>Control</i>	66.6	1,006	38.2	58.1	3.7	670
Quintile of economic well being						
<i>Poorest</i>	635	1,094	38.1	56.8	5.0	695
<i>Second quintile</i>	66.8	1,151	34.9	59.4	5.7	769
<i>Third quintile</i>	68.8	1,225	37.8	57.2	5.0	843
<i>Fourth quintile</i>	67.7	1,288	36.2	59.9	3.9	872
<i>Least poor</i>	64.5	1,419	36.9	56.7	3.4	915
Total	66.3	6,177	37.4	58.0	4.5	4,094

² NP: Non pregnant and P: Pregnant

3. Balance tables

3.1 Balance table (all regions)

Indicators	Mean							t-test* p-value	F-test ** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
4.1 Breastfeeding	0.980	0.983	0.983	0.985	0.985	0.974	0.970	0.000	0.596	1.000	1.000	1.000	1.000	1.000	1.000
4.2 Timely initiation breastfeeding (within the first hour after delivery)	0.361	0.372	0.411	0.334	0.362	0.359	0.332	0.000	0.025	0.019	0.366	1.000	1.000	1.000	1.000
4.3 Timely initiation breastfeeding (within the 24 hours after delivery)	0.709	0.682	0.666	0.730	0.661	0.679	0.792	0.000	0.010	0.018	1.000	1.000	0.017	0.692	1.000
4.4 Exclusive breastfeeding(0-6months)	0.560	0.575	0.620	0.556	0.500	0.591	0.541	0.331	0.662	1.000	1.000	1.000	1.000	1.000	1.000
4.5 Breastfeeding & complementary feeding (6-9m)	0.530	0.570	0.667	0.516	0.480	0.579	0.492	0.095	0.451	1.000	0.878	1.000	1.000	1.000	1.000
4. 6 Growth monitoring	0.216	0.226	0.235	0.233	0.229	0.172	0.181	0.000	0.003	1.000	1.000	0.002	1.000	0.005	0.011
4.7 Severe stunting (Height-for-Age Z- score <-3SD)	0.240	0.244	0.254	0.221	0.236	0.287	0.224	0.000	0.007	0.131	1.000	0.542	1.000	0.007	0.078
4.8 Moderate stunting (Height-for- Age Z-score <-2SD)	0.216	0.216	0.215	0.222	0.226	0.185	0.214	0.690	0.203	1.000	1.000	0.676	1.000	0.372	0.242
4-9 Severe underweight (Weight-for- Age Z-score <-3SD)	0.180	0.179	0.200	0.180	0.164	0.140	0.183	0.398	0.001	0.614	0.024	0.002	1.000	0.151	1.000
4-10 Moderate underweight (Weight- for-Age Z-score <-2SD)	0.176	0.173	0.168	0.187	0.168	0.172	0.184	0.028	0.434	0.805	1.000	1.000	0.981	1.000	1.000
4.11 Severe wasting (Weight-for- Height Z-score <-3SD)	0.117	0.115	0.122	0.118	0.16	0.076	0.124	0.036	0.015	1.000	1.000	0.009	1.000	0.037	0.059
4.12 Moderate wasting (Weight-for- Height <-2SD)	0.109	0.099	0.102	0.106	0.091	0.092	0.142	0.000	0.508	1.000	1.000	1.000	1.000	1.000	1.000
4.13 Severe acute malnutrition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.14 Anemia (children 6-59 months)	0.883	0.888	0.868	0.896	0.912	0.884	0.867	0.000	0.001	0.085	0.001	1.000	1.000	1.000	0.475
4.15 Slight anemia (children 6-59 months) (10-10,9g/dl)	0.198	0.180	0.178	0.203	0.169	0.164	0.258	0.000	0.105	0.492	1.000	1.000	0.180	0.371	1.000
4.16 Moderate anemia (children 6-59 months) (7-9,9g/dl)	0.642	0.651	0.654	0.618	0.658	0.702	0.610	0.000	0.008	0.248	1.000	0.299	0.236	0.006	0.514

4.17 Severe anemia (children 6-59 months) (<7g/dl)	0.161	0.169	0.168	0.180	0.174	0.134	0.132	0.000	0.139	1.000	1.000	0.432	1.000	0.133	0.289
4.18 Anemia (Women 15-49 years) (NP <12g/dl; P <11g/dl)	0.663	0.662	0.663	0.681	0.665	0.592	0.666	0.558	0.006	1.000	1.000	0.024	1.000	0.003	0.024
4.19 Slight anemia (Women 15-49 years) (NP 11- 11,9 g/dl; P (10-10,9g/dl))	0.374	0.373	0.381	0.357	0.366	0.418	0.382	0.269	0.279	1.000	1.000	1.000	1.000	0.415	0.721
4.20 Moderate anemia (Women 15-49 years) (NP 8- 10,9 g/dl; P (7-9,9g/dl))	0.580	0.580	0.569	0.600	0.587	0.535	0.581	0.946	0.195	0.839	1.000	1.000	1.000	0.314	0.767
4.21 Severe anemia (Women 15-49 years) (NP <8 g/dl; P (<7g/dl))	0.045	0.047	0.050	0.042	0.048	0.048	0.037	0.007	0.853	1.000	1.000	1.000	1.000	1.000	1.000

3.2 Balance table: Boucle Du Mouhoun

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
4.1 Breastfeeding	0.968	0.971	0.967	0.974	0.9621	0.158	0.623	0.623
4.2 Timely initiation breastfeeding (within the first hour after delivery)	0.332	0.388	0.419	0.359	0.193	0.000	0.224	0.224
4.3 Timely initiation breastfeeding (within the 24 hours after delivery)	0.679	0.695	0.713	0.679	0.640	0.005	0.391	0.391
4.4 Exclusive breastfeeding(0-6months)	0.474	0.629	0.692	0.591	0.227	0.000	0.562	0.562
4.5 Breastfeeding & complementary feeding (6-9m)	0.523	0.607	0.667	0.579	0.375	0.020	0.671	0.671
4. 6 Growth monitoring	0.173	0.184	0.198	0.172	0.141	0.000	0.217	0.217
4.7 Severe stunting (Height-for-Age Z-score <-3SD)	0.256	0.286	0.285	0.287	0.179	0.000	0.920	0.920
4.8 Moderate stunting (Height-for-Age Z-score <-2SD)	0.201	0.190	0.195	0.185	0.230	0.001	0.678	0.678
4-9 Severe underweight (Weight-for-Age Z-score <-3SD)	0.167	0.163	0.188	0.140	0.178	0.139	0.021	0.021
4-10 Moderate underweight (Weight-for-Age Z-score <-2SD)	0.182	0.171	0.169	0.172	0.211	0.000	0.904	0.904
4.11 Severe wasting (Weight-for-Height Z-score <-3SD)	0.098	0.082	0.088	0.076	0.140	0.000	0.447	0.447
4.12 Moderate wasting (Weight-for-Height <-2SD)	0.114	0.096	0.101	0.092	0.160	0.000	0.628	0.628
4.13 Severe acute malnutrition	-	-	-	-	-	-	-	-
4.14 Anemia (children 6-59 months)	0.876	0.854	0.820	0.884	0.933	0.000	0.004	0.004
4.15 Slight anemia (children 6-59 months) (10-10,9g/dl)	0.163	0.171	0.180	0.164	0.143	0.023	0.532	0.532
4.16 Moderate anemia (children 6-59 months) (7-9,9g/dl)	0.670	0.690	0.676	0.702	0.622	0.000	0.411	0.411
4.17 Severe anemia (children 6-59 months) (<7g/dl)	0.167	0.138	0.144	0.134	0.235	0.000	0.675	0.675
4.18 Anemia (Women 15-49 years) (NP <12g/dl; P <11g/dl)	0.595	0.607	0.625	0.592	0.563	0.009	0.323	0.323
4.19 Slight anemia (Women 15-49 years) (NP 11- 11,9 g/dl; P (10-10,9g/dl)	0.402	0.421	0.425	0.418	0.346	0.001	0.863	0.863
4.20 Moderate anemia (Women 15-49 years) (NP 8- 10,9 g/dl; P (7-9,9g/dl)	0.556	0.537	0.538	0.535	0.610	0.001	0.933	0.933
4.21 Severe anemia (Women 15-49 years) (NP <8 g/dl; P (<7g/dl)	0.043	0.042	0.036	0.048	0.044	0.852	0.528	0.528

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

3.3 Balance table: Regions Centre Est, Centre Nord, Nord, and Sud-Ouest

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
4.1 Breastfeeding	0.983	0.986	0.988	0.985	0.985	0.973	0.000	0.854	1.000	1.000	1.000
4.2 Timely initiation breastfeeding (within the first hour after delivery)	0.368	0.369	0.408	0.334	0.362	0.364	0.646	0.024	0.021	0.279	0.970
4.3 Timely initiation breastfeeding (within the 24 hours after delivery)	0.716	0.679	0.653	0.730	0.661	0.835	0.000	0.001	0.002	1.000	0.008
4.4 Exclusive breastfeeding(0-6months)	0.576	0.564	0.606	0.556	0.500	0.591	0.477	0.584	1.000	0.919	1.000
4.5 Breastfeeding & complementary feeding (6-9m)	0.531	0.558	0.667	0.516	0.480	0.509	0.368	0.329	0.726	0.512	1.000
4. 6 Growth monitoring	0.227	0.236	0.246	0.233	0.229	0.193	0.000	0.407	0.951	0.626	1.000
4.7 Severe stunting (Height-for-Age Z-score <-3SD)	0.235	0.234	0.243	0.221	0.236	0.241	0.264	0.323	0.414	1.000	1.000
4.8 Moderate stunting (Height-for-Age Z-score <-2SD)	0.220	0.223	0.222	0.222	0.226	0.208	0.016	0.960	1.000	1.000	1.000
4-9 Severe underweight (Weight-for-Age Z-score <-3SD)	0.184	0.184	0.205	0.180	0.164	0.185	0.751	0.010	0.21	0.009	0.753
4-10 Moderate underweight (Weight-for-Age Z-score <-2SD)	0.174	0.174	0.168	0.187	0.168	0.174	0.948	0.266	0.456	1.000	0.492
4.11 Severe wasting (Weight-for-Height Z-score <-3SD)	0.122	0.123	0.135	0.118	0.116	0.118	0.233	0.232	0.492	0.372	1.000
4.12 Moderate wasting (Weight-for-Height <-2SD)	0.108	0.100	0.103	0.106	0.091	0.136	0.000	0.377	1.000	0.881	0.547
4.13 Severe acute malnutrition	-	-	-	-	-	-	-	-	-	-	-
4.14 Anemia (children 6-59 months)	0.885	0.897	0.885	0.896	0.912	0.842	0.000	0.067	1.000	0.061	0.537
4.15 Slight anemia (children 6-59 months) (10-10,9g/dl)	0.207	0.183	0.177	0.203	0.169	0.305	0.000	0.077	0.280	1.000	0.092
4.16 Moderate anemia (children 6-59 months) (7-9,9g/dl)	0.634	0.641	0.647	0.618	0.658	0.605	0.000	0.104	0.371	1.000	0.122
4.17 Severe anemia (children 6-59 months) (<7g/dl)	0.159	0.176	0.176	0.180	0.174	0.090	0.000	0.927	1.000	1.000	1.000
4.18 Anemia (Women 15-49 years) (NP <12g/dl; P <11g/dl)	0.679	0.673	0.673	0.681	0.665	0.714	0.000	0.674	1.000	1.000	1.000
4.19 Slight anemia (Women 15-49 years) (NP 11- 11,9 g/dl; P (10-10,9g/dl)	0.369	0.364	0.370	0.357	0.366	0.395	0.000	0.845	1.000	1.000	1.000
4.20 Moderate anemia (Women 15-49 years) (NP 8- 10,9 g/dl; P (7-9,9g/dl)	0.585	0.588	0.577	0.600	0.587	0.570	0.047	0.564	0.859	1.000	1.000
4.21 Severe anemia (Women 15-49 years) (NP <8 g/dl; P (<7g/dl)	0.046	0.048	0.054	0.042	0.048	0.035	0.001	0.500	0.718	1.000	1.000

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

Key Indicators by district

Districts	4-6: Number of children aged between 0 and 59 months		4-7: Number of children 0-59m whose height-for-age Zscore<-3		4-13: Number of children 0-59m whose weight-for-height Zscore<-3		4-14: Number of children with detected anemia through blood test during survey (Haemoglobin rate<11g/dl)		4-15: Number of children with detected anemia through blood test during survey (Haemoglobin rate between (10-10.9g/dl)	
	%	n	%	n	%	n	%	n	%	n
BOROMO	15.7	242	18.2	220	17.0	218	96.5	202	16.4	195
NOUNA	10.6	654	30.1	581	10.0	578	96.0	511	11.6	490
SOLENZO	25.5	722	27.1	590	5.9	607	75.5	548	23.7	414
TOMA	12.5	248	17.6	233	11.1	226	90.1	203	12.0	183
MANGA	26.0	204	35.5	138	11.2	152	93.1	130	33.1	121
OUARGAYE	22.4	557	29.4	323	8.5	319	82.4	363	19.1	299
TENKODOGO	32.2	509	32.8	360	7.6	368	84.3	350	23.4	295
ZABRE	21.3	75	17.5	57	5.0	60	84.9	53	31.1	45
BARSALGHO	22.1	104	20.2	84	9.6	83	88.9	72	21.9	64
KAYA	28.0	1164	19.2	982	8.3	944	95.7	844	15.3	808
KONGOSSI	15.5	750	23.7	654	6.3	646	97.3	593	7.6	577
ZINIARE	19.3	414	27.7	282	8.6	301	72.1	272	38.8	196
BOUSSE	17.7	283	18.8	202	21.9	183	89.4	180	32.3	161
GOURCY	17.8	708	22.5	488	9.6	498	81.7	438	35.8	358
OUAHIGOUYA	28.2	1428	23.0	1114	25.0	1004	85.6	1041	24.6	891
YAKO	16.8	368	18.7	262	12.1	248	81.2	234	35.3	190
BATIE	13.0	200	22.3	166	1.8	163	93.8	176	7.3	165
DANO	14.6	89	27.1	85	11.9	84	94.5	73	13.0	69
DIEBOUGOU	16.8	394	22.0	363	6.6	350	95.4	325	7.7	310
GAOUA	18.1	105	25.8	93	3.3	92	94.2	86	12.3	81
Total	21.6	9219	24.0	7,277	11.1	7125	88.3	6695	19.8	5913

Key Indicators by district (continued)

Districts	4-16: Number of children with detected anemia through blood test during survey (Haemoglobin rate between 7-9.9g/dl)		4-17: Number of children with detected anemia through blood test during survey (Haemoglobin rate <7g/dl)		4-18: Number of women with detected anemia through blood test during survey		4-19: Number of children with detected anemia through blood test during survey (Haemoglobin rate between 10-10.9g/dl)		4-20: Number of children with detected anemia through blood test during survey (Haemoglobin rate: NP 8- 10.9 g/dl; P (7-9.9g/dl)	
	%	n	%	n	%	n	%	n	%	n
BOROMO	62.6	195	21.0	195	52.2	186	35.1	97	61.9	97
NOUNA	73.5	490	14.9	490	62.1	327	44.8	203	51.7	203
SOLENZO	63.8	414	12.6	414	60.0	529	40.4	317	54.9	317
TOMA	61.7	183	26.2	183	62.0	137	34.1	85	60.0	85
MANGA	63.6	121	3.3	121	84.9	186	29.7	158	67.7	158
OUARGAYE	63.9	299	17.1	299	80.7	517	27.8	417	62.1	417
TENKODOGO	67.8	295	8.1	295	84.6	487	24.5	412	70.6	412
ZABRE	62.2	45	6.7	45	80.3	71	28.1	57	64.9	57
BARSALGHO	68.8	64	9.4	64	67.5	83	67.9	56	32.1	56
KAYA	74.0	808	10.6	808	54.0	921	55.3	497	44.1	497
KONGOUSI	65.3	577	27.0	577	61.6	594	46.2	366	49.5	366
ZINIARE	57.1	196	4.1	196	73.9	88	36.9	65	61.5	65
BOUSSE	65.2	161	24.8	161	50.9	55	67.9	28	32.1	28
GOURCY	55.9	358	8.4	358	69.4	222	39.6	154	57.1	154
OUAHIGOUYA	63.3	891	12.1	891	66.2	1128	33.1	747	62.7	747
YAKO	58.9	190	5.8	190	38.0	50	47.4	19	52.6	19
BATIE	49.7	165	43.0	165	73.0	141	28.2	103	59.2	103
DANO	58.0	69	29.0	69	60.3	63	39.5	38	60.5	38
DIEBOUGOU	51.6	310	40.6	310	68.1	304	29.0	207	67.1	207
GAOUA	54.3	81	33.3	81	77.0	87	37.3	67	50.7	67
Total	64.2	5913	16.1	5913	66.3	6177	37.4	4094	58.0	4094

Key Indicators by district (continued)

Districts	4-21: Number of children with detected anemia through blood test during survey (Haemoglobin rate: NP <8 g/dl; P <7g/dl)	
	%	n
BOROMO	3.1	97
NOUNA	3.4	203
SOLENZO	4.7	317
TOMA	5.9	85
MANGA	2.5	158
OUARGAYE	10.1	417
TENKODOGO	4.9	412
ZABRE	7.0	57
BARSALGHO	0.0	56
KAYA	0.6	497
KONGOUSSI	4.4	366
ZINIARE	1.5	65
BOUSSE	0.0	28
GOURCY	3.2	154
OUAHIGOUYA	4.3	747
YAKO	0.0	19
BATIE	12.6	103
DANO	0.0	38
DIEBOUGOU	3.9	207
GAOUA	11.9	67
Total	4.5	4094

WP5: Management of health care facility and human resources

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1. Key indicators tables

Background characteristics	5-3 Health worker density* <i>Facility level</i>			5-4 Caseload* <i>Facility level</i>			5-9 Performance evaluation <i>Health worker level</i>		5-12 Perceived individual agency Health worker level		
	(Clinical staff per 1000 catchment population)			(Number of patients per clinical staff in last month; calculated at facility level)			(Percentage of respondents having been evaluated for their performance in the last 12 months)		(Degree to which clinical staff feels they can influence and have a certain degree of control over what happens at the facility; 0=not at all, 10=completely)		
Zone of residence	mean	sd	n	mean	sd	n	%	n	mean	sd	n
Urban	1.2	1.1	30	110.5	64.4	38	53.8	195	5.5	2.8	265
Rural	0.6	0.4	381	165.7	120.8	380	65.1	598	6.6	2.5	860
Level of health facility											
Primary	0.6	0.5	408	161.7	118.7	409	65.3	659	6.5	2.5	965
Secondary	-	-	-	-	-	-	50.45	117	4.5	2.6	132
Private	0.8	0.6	3	70.4	39.7	9	29.4	17	7.5	1.9	28
Region											
Boucle du Mouhoun	0.6	0.3	83	128.5	72.2	84	69.7	195	6.4	2.6	258
Centre Est	0.5	0.3	61	292.4	145.1	62	55.6	124	5.3	2.8	125
Centre Nord	0.5	0.4	110	170.6	126.2	113	54.0	198	6.5	2.4	320
Nord	0.8	0.7	122	118.4	80.4	122	68.6	220	6.5	2.6	355
Sud Ouest	0.8	0.3	35	111.7	44.0	37	55.4	56	5.9	2.9	67
Health worker type											
Medical doctor							0.0	1	7.8	2.5	3
Nurse							66.2	328	6.9	2.5	484
Midwife							47.9	73	4.7	2.8	119
Assistant midwife							57.5	212	5.9	2.6	277
AIS							67.0	179	6.4	2.4	242
Total	0.6	0.5	411	159.8	118.3	418	62.3	793	6.3	2.6	1,125
Study zone*											
Intervention											
- T1	0.6	0.7	117	164.5	103.8	125	61.4	220	6.6	2.5	310
- T2	0.6	0.4	85	181.8	140.7	84	66.2	133	6.6	2.7	193
- T3	0.5	0.3	83	183.9	146.9	83	57.3	117	6.2	2.6	185
- T4	0.5	0.3	33	148.4	62.8	34	64.1	64	6.8	2.3	96
Control	0.8	0.5	93	115.7	86.5	92	73.2	142	6.6	2.5	209
Total*	0.6	0.5	411	159.8	118.3	418	64.3	676	6.6	2.5	993

*Hospitals (CHR/CMA) excluded

Background characteristics	5-13 Satisfaction with working conditions <i>Health worker level</i>														
	(0=not satisfied at all, 10=completely satisfied)														
	a Management and supervision			b Relationship with colleagues			c Relationship with authorities			d Relationship with communities			e Workplace (material infrastructure)		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
Urban	6.7	2.2	273	7.5	1.9	268	5.9	2.3	257	7.1	2.0	264	6.0	1.9	273
Rural	7.2	2.2	906	8.1	2.0	896	7.2	1.9	906	7.9	1.7	903	6.6	1.8	911
Level of health facility															
Primary	7.1	2.2	1,012	8.0	2.0	1,002	7.2	2.0	1,008	7.9	1.8	1,008	6.5	1.8	1,016
Secondary	6.2	2.3	137	7.2	1.9	134	5.3	2.1	127	6.6	1.8	131	5.7	1.7	138
Private	8.0	1.8	30	8.2	1.8	28	6.7	2.4	28	7.7	1.6	28	7.0	1.8	30
Region															
Boucle du Mouhoun	6.8	2.3	268	7.8	2.1	265	6.9	2.0	265	7.8	1.7	267	6.5	1.6	269
Centre Est	6.4	2.7	142	7.6	2.3	142	6.9	2.1	138	7.6	2.0	139	6.1	2.1	144
Centre Nord	7.1	2.0	331	7.9	1.9	326	6.8	2.1	327	7.7	1.6	329	6.4	1.7	331
Nord	7.3	2.0	362	8.1	1.8	357	7.0	2.1	358	7.7	1.9	359	6.5	1.9	363
Sud Ouest	7.5	2.4	76	8.4	2.0	74	7.2	2.3	75	8.0	1.9	73	6.7	2.0	77
Health worker type															
Medical doctor	8.8	1.0	3	8.5	0.5	3	6.1	2.3	3	7.0	1.4	2	6.8	1.9	3
Nurse	7.4	2.0	499	8.1	1.8	489	7.0	2.0	493	7.8	1.7	495	6.4	1.7	501
Midwife	6.1	2.4	126	7.2	2.2	124	5.9	2.2	119	6.9	1.8	123	5.6	1.8	126
Assistant midwife	6.9	2.2	294	7.9	2.1	294	7.0	2.1	294	7.8	1.8	291	6.7	2.0	299
AIS	7.0	2.6	257	8.1	2.0	254	7.2	2.0	254	7.9	1.8	256	6.6	1.9	255
Total	7.0	2.2	1,179	8.0	2.0	1,164	6.9	2.1	1,163	7.7	1.8	1,167	6.4	1.8	1,184
Study zone*															
Intervention															
- T1	7.2	2.2	329	8.1	1.9	328	7.1	2.0	326	7.9	1.9	328	6.7	1.8	331
- T2	7.3	2.1	201	8.0	2.1	193	7.3	1.9	199	7.9	1.7	198	6.4	1.9	201
- T3	7.1	2.2	193	8.1	1.8	189	7.1	2.0	193	7.8	1.7	192	6.6	1.8	194
- T4	6.8	2.2	100	7.8	2.1	99	6.9	1.8	99	8.0	1.6	100	6.6	1.5	100
Control	7.1	2.2	219	8.1	2.0	218	7.2	1.9	219	7.8	1.8	218	6.4	1.9	220
Total*	7.1	2.2	1,042	8.1	2.0	1,030	7.1	2.0	1,036	7.9	1.8	1,036	6.5	1.8	1,046

*Hospitals (CHR/CMA) excluded

Background characteristics	5-13 (continued) Satisfaction with working conditions Health worker level											
	(0=not satisfied at all, 10=completely satisfied)											
	f Tasks and workload			g Performance feedback			h Compensation			i Career development		
	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
Zone of residence												
Urban	6.7	2.0	273	5.9	2.7	269	3.5	2.1	274	5.7	2.4	272
Rural	6.9	2.1	910	7.2	2.2	880	4.3	2.2	902	6.9	2.1	905
Level of health facility												
Primary	6.9	2.1	1,014	7.2	2.3	984	4.2	2.2	1,010	6.8	2.2	1,009
Secondary	6.3	2.0	139	5.2	2.6	135	3.1	1.8	136	5.1	2.2	138
Private	8.2	1.3	30	7.0	2.4	30	5.2	2.4	30	6.3	2.4	30
Region												
Boucle du Mouhoun	6.7	2.1	269	7.1	2.3	265	4.4	2.1	268	6.5	2.2	269
Centre Est	6.4	2.5	143	6.5	2.9	134	3.4	2.1	142	6.3	2.4	139
Centre Nord	6.9	1.9	330	6.9	2.2	324	4.2	2.1	328	6.6	2.1	331
Nord	7.0	2.0	364	7.0	2.4	357	4.0	2.2	364	6.7	2.3	362
Sud Ouest	7.5	2.1	770	6.8	3.0	69	4.1	2.4	74	7.0	2.5	76
Health worker type												
Medical doctor	7.3	2.2	3	5.8	5.2	3	3.4	2.5	3	6.9	1.9	3
Nurse	6.9	2.0	501	6.7	2.4	491	4.3	2.1	496	6.5	2.1	498
Midwife	6.4	2.1	126	5.9	2.6	122	3.5	2.2	124	5.6	2.3	126
Assistant midwife	6.8	2.1	298	7.1	2.3	287	4.3	2.2	300	6.9	2.4	296
AIS	7.0	2.1	255	7.6	2.2	246	3.7	2.1	253	6.8	2.1	254
Total	6.8	2.0	1,183	6.9	2.4	1,149	4.1	2.2	1,176	6.6	2.2	1,177
Study zone*												
<i>Intervention</i>												
- T1	7.0	2.1	330	7.3	2.2	315	4.3	2.2	328	7.0	2.0	328
- T2	7.1	1.9	201	6.9	2.06	199	4.2	2.3	201	6.9	2.3	200
- T3	6.8	2.0	194	7.1	2.3	186	4.1	2.1	192	6.7	2.2	192
- T4	6.7	2.1	100	7.4	2.1	99	4.6	2.0	99	6.7	2.2	100
<i>Control</i>	6.9	2.1	219	7.2	2.1	215	4.0	2.02	220	6.6	2.3	219
Total*	6.9	2.1	1,044	7.2	2.3	1,014	4.2	2.2	1,040	6.8	2.2	1,039

*Hospitals (CHR/CMA) excluded

Background characteristics	5-15 Presence at work* <i>Facility level</i>		
	(Percentage of clinical facility staff present on day of facility visit)		
Zone of residence	%	sd (%)	n
<i>Urban</i>	72.3	26.7	22
<i>Rural</i>	84.1	20.8	364
Level of health facility			
<i>Primary</i>	83.5	21.1	375
<i>Secondary</i>	-	-	-
<i>Private</i>	82.5	28.6	11
Region			
<i>Boucle du Mouhoun</i>	88.6	17.9	79
<i>Centre Est</i>	88.2	18.8	60
<i>Centre Nord</i>	77.7	23.3	114
<i>Nord</i>	83.2	21.7	107
<i>Sud Ouest</i>	83.1	20.6	26
Health worker type			
<i>Medical doctor</i>			
<i>Nurse</i>			
<i>Midwife</i>			
<i>Assistant midwife</i>			
<i>AIS</i>			
Total	83.4	21.3	386
Study zone*			
<i>Intervention</i>			
- <i>T1</i>	86.1	20.4	109
- <i>T2</i>	81.7	23.3	83
- <i>T3</i>	83.8	20.4	73
- <i>T4</i>	87.0	18.4	33
<i>Control</i>	80.1	22.1	88
Total*	83.4	21.3	386

*Hospitals (CHR/CMA) excluded

2. Cross tables all indicators

Table 2.1: Can do factors (working conditions and human resource management)

Background characteristics	5-1 Staff requirement* <i>Facility level</i> (% of facilities with at least 1 nurse, 1 midwife, 1 AIS)		5-2 Financial resources per capita catchment population obtained from different funding sources** <i>Facility level</i> (in 2012, in FCFA)								
			a From user fees			b From drug sales			c From donors		
Zone of residence	%	n	mean	sd	n	mean	sd	n	mean	sd	n
Urban	76.9	39	146.8	227.0	34	678.5	888.1	33	52.1	270.7	37
Rural	63.8	389	109.5	145.3	320	918.9	693.9	319	50.1	246.3	341
Level of health facility											
Primary	66.3	416	113.9	156.3	341	918.4	718.3	338	49.8	250.9	362
Secondary	-	-	61.4	47.3	11	229.5	207.6	12	21.3	79.5	14
Private	16.7	12	256.5	270.0	2	1,173.5	291.8	2	357.7	505.9	2
Region											
Boucle du Mouhoun	75.0	84	135.7	82.1	78	1,055.4	528.5	77	0.4	3.2	83
Centre Est	58.1	62	114.7	132.9	50	1,128.9	855.0	51	7.0	41.4	58
Centre Nord	51.7	118	76.8	64.8	101	769.6	608.9	100	180.2	453.7	102
Nord	69.6	125	128.4	243.4	96	669.1	566.9	95	1.8	12.4	103
Sud Ouest	79.5	39	124.9	173.8	29	1,247.1	1,041.6	29	0.6	3.5	32
Total	65.0	428	113.0	155.0	354	896.4	716.3	352	50.3	248.4	378
Study zone*											
Intervention											
- T1	68.8	125	111.0	194.2	95	902.1	655.2	92	67.1	294.2	98
- T2	58.4	89	111.5	173.2	68	876.1	739.6	68	88.1	361.2	73
- T3	62.4	85	107.1	157.5	71	782.0	648.6	71	74.5	259.3	74
- T4	67.6	34	155.5	102.4	30	1,110.7	607.9	30	1.0	5.4	29
Control	67.4	95	113.2	99.5	79	1,030.0	837.0	79	2.0	13.2	90
Total*	65.0	428	114.7	156.9	343	919.9	716.6	340	51.4	252.7	364

*Hospitals (CHR/CMA) excluded

** CHR are excluded as catchment area does not match our sample; no estimate for government possible due to lack of transfer in cash; other sources only apply to few facilities and will be mentioned in text

Background characteristics	5-3 Health worker density* <i>Facility level</i>			5-4 Caseload* <i>Facility level</i>			5-5 Performance evaluation <i>Facility level</i>	
	(Clinical staff per 1000 catchment population)			(Number of patients per clinical staff in last month; calculated at facility level)			(% of facilities having been externally evaluated for their performance in the last 12 months)	
Zone of residence	mean	sd	n	mean	sd	n	%	n
Urban	1.2	1.1	30	110.5	64.4	38	60.0	50
Rural	0.6	0.4	381	165.7	120.8	380	72.3	368
Level of health facility								
Primary	0.6	0.5	408	161.7	118.7	409	72.6	391
Secondary	-	-	-	-	-	-	56.3	16
Private	0.8	0.6	3	70.4	39.7	9	27.3	11
Region								
Boucle du Mouhoun	0.6	0.3	83	128.5	72.2	84	82.9	82
Centre Est	0.5	0.3	61	292.4	145.1	62	78.7	61
Centre Nord	0.5	0.4	110	170.6	126.2	113	63.0	119
Nord	0.8	0.7	122	118.4	80.4	122	62.8	121
Sud Ouest	0.8	0.3	35	111.7	44.0	37	82.9	35
Total	0.6	0.5	411	159.8	118.3	418	70.8	418
Study zone*								
Intervention								
- T1	0.6	0.7	117	164.5	103.8	125	73.5	117
- T2	0.6	0.4	85	181.8	140.7	84	71.6	81
- T3	0.5	0.3	83	183.9	146.9	83	75.9	83
- T4	0.5	0.3	33	148.4	62.8	34	93.5	31
Control	0.8	0.5	93	115.7	86.5	92	56.7	90
Total*	0.6	0.5	411	159.8	118.3	418	71.4	402

*Hospitals (CHR/CMA) excluded

Background characteristics	5-6 Perceived management autonomy <i>Facility level (answered by in-charge or deputy)</i> (Most of the time = 1, more than half of the time = 2, less than half of the time = 3, rarely = 4, never = 5; treated as continuous scale in this analysis)														
	a "I am able to elaborate my facility budget according to needs. There is enough flexibility in my budget."			b "I am able to assign tasks and activities to staff as needed to achieve the outcomes I want in the facility. There is enough flexibility to use staff to address needs."			c "The District Health Management Team supports my decisions and actions for doing a better job in my facility."			d "I have choice over who I allocate to which tasks."			e "I have choice over what services are provided in the facility."		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
Urban	2.4	1.3	48	1.6	0.9	49	1.4	0.7	48	1.8	1.0	49	3.3	1.6	49
Rural	2.6	1.5	370	1.6	1.0	370	1.5	0.8	372	1.7	1.1	369	3.6	1.6	369
Level of health facility															
Primary	2.5	1.5	394	1.6	1.0	395	1.4	0.8	395	1.7	1.1	393	3.6	1.6	393
Secondary	2.9	1.4	14	1.9	0.8	15	1.4	0.6	14	2.2	1.3	15	3.2	1.6	14
Private	2.0	1.3	10	1.6	0.7	9	2.3	1.4	11	1.3	0.5	10	2.5	1.6	11
Region															
Boucle du Mouhoun	2.3	1.3	80	1.6	0.7	80	1.6	0.8	80	1.7	0.9	80	3.6	1.5	80
Centre Est	2.9	1.6	60	2.1	1.3	59	1.4	0.8	60	1.9	1.1	59	3.9	1.4	59
Centre Nord	2.7	1.6	120	1.5	0.9	121	1.6	0.9	122	1.7	1.0	122	3.5	1.6	121
Nord	2.3	1.4	123	1.6	1.0	123	1.3	0.6	122	1.7	1.2	123	3.4	1.6	124
Sud Ouest	2.8	1.5	35	1.6	1.1	36	1.4	0.8	36	1.9	1.2	34	3.3	1.8	34
Total	2.5	1.5	418	1.6	1.0	419	1.5	0.8	420	1.7	1.1	418	3.5	1.6	418
Study zone*															
Intervention															
- T1	2.5	1.4	121	1.5	0.8	122	1.5	0.9	123	1.8	1.1	133	3.5	1.6	123
- T2	2.5	1.6	83	1.8	1.2	82	1.5	0.8	84	1.7	1.1	83	3.6	1.6	83
- T3	2.5	1.5	84	1.6	1.0	84	1.3	0.6	83	1.8	1.1	82	3.6	1.6	82
- T4	2.2	1.2	31	1.6	0.8	31	1.6	0.8	31	1.7	1.0	31	4.2	1.2	31
Control	2.6	1.5	85	1.7	1.1	85	1.5	0.8	85	1.7	1.0	85	3.3	1.7	85
Total*	2.5	1.5	404	1.6	1.0	404	1.5	0.8	406	1.7	1.1	403	3.6	1.6	404

*Hospitals (CHR/CMA) excluded

Background characteristics	5-6 (continued) Perceived management autonomy <i>Facility level (answered by in-charge or deputy)</i> (Most of the time = 1, more than half of the time = 2, less than half of the time = 3, rarely = 4, never = 5)												5-7 Incentive and salary top-up payments per clinical staff* <i>Facility level</i> (in 2012, in FCFA)		
	f "I have enough authority to obtain the resources I need (drugs, supplies, funding) to meet the needs of my facility."			g "The policies and procedures for doing things are clear to me."			h "The policies and procedures for doing things are useful tools for the challenges I face in providing services and reporting on activities."			i "The District Health Management Team provides adequate feedback to me about my job and the performance of my facility."					
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
Urban	2.8	1.4	49	1.5	0.6	50	1.2	0.4	50	1.6	0.9	47	43,210.8	78,953.9	28
Rural	3.1	1.4	372	1.5	0.8	371	1.3	0.7	370	1.4	0.7	372	81,641.6	96,235.9	321
Level of health facility															
Primary	3.0	1.4	396	1.5	0.7	395	1.3	0.6	394	1.4	0.7	395	80,497.9	95,930.3	340
Secondary	2.5	1.2	14	1.2	0.4	15	1.1	0.3	15	1.6	0.8	13	-	-	-
Private	2.8	1.3	11	1.7	0.8	11	1.4	0.5	11	2.3	1.6	11	5,286.9	9,283.6	9
Region															
Boucle du Mouhoun	3.1	1.2	80	1.5	0.7	80	1.2	0.6	80	1.5	0.7	80	44,596.2	50,805.0	74
Centre Est	3.3	1.4	59	1.4	0.7	59	1.2	0.4	59	1.6	0.8	59	202,360.3	129,013.2	51
Centre Nord	3.1	1.4	122	1.6	0.8	122	1.3	0.6	122	1.4	0.8	122	57,437.2	64,138.2	100
Nord	2.9	1.4	124	1.5	0.8	124	1.2	0.6	124	1.4	0.7	122	74,820.0	84,586.5	102
Sud Ouest	2.5	1.5	36	1.5	0.7	36	1.4	1.0	35	1.3	0.5	36	19,136.6	36,962.6	22
Total	3.0	1.4	421	1.5	0.7	421	1.3	0.6	420	1.4	0.7	419	78,558.3	95,441.8	349
Study zone*															
Intervention															
- T1	2.9	1.4	123	1.5	0.6	122	1.2	0.6	122	1.5	0.9	123	66,626.4	84,213.6	102
- T2	3.0	1.5	84	1.6	0.9	84	1.3	0.8	84	1.4	0.7	84	94,691.0	105,313.9	71
- T3	3.2	1.4	84	1.6	0.7	84	1.3	0.6	83	1.3	0.6	83	104,435.3	122,935.0	67
- T4	3.2	1.3	31	1.6	0.7	31	1.2	0.4	31	1.7	0.7	31	45,098.1	25,074.1	27
Control	3.1	1.4	85	1.4	0.7	85	1.2	0.7	85	1.4	0.7	85	69,305.9	82,282.6	82
Total*	3.0	1.4	407	1.5	0.7	406	1.3	0.6	405	1.4	0.7	406	78,558.3	95,441.8	349

*Hospitals (CHR/CMA) excluded

Background characteristics	5-8 Training levels <i>Health worker level</i> (Percentage of health workers having been trained within the last year; refers to continuous training only)													
	a Integrated Management of Childhood Illness (IMCI; facility-based)		b Integrated Management of Childhood Illness (IMCI; community-based)		c Malaria		d Rapid test for malaria diagnosis		e Home-/community-based malaria management (PECADO)		f Tuberculosis diagnosis and treatment		g Malnutrition	
Zone of residence	%	n	%	n	%	n	%	n	%	n	%	n	%	N
Urban	3.9	279	4.3	280	6.4	280	5.0	280	1.4	280	3.6	280	12.5	279
Rural	14.8	923	15.2	923	9.0	923	8.0	923	2.8	923	2.4	921	24.9	922
Level of health facility														
Primary	13.6	1,031	14.5	1,031	8.8	1,031	7.9	1,031	2.7	1,031	2.4	1,029	23.9	1,030
Secondary	3.5	141	0.7	142	6.3	142	2.8	142	1.4	142	2.8	142	8.5	141
Private	10.0	30	6.7	30	3.3	30	10.0	30	0.0	30	10.0	30	23.3	30
Region														
Boucle du Mouhoun	11.0	272	15.4	272	9.9	273	10.7	272	2.6	272	4.1	271	18.8	272
Centre Est	2.0	149	2.0	150	11.3	150	9.3	150	1.3	150	0.7	150	26.2	149
Centre Nord	11.4	332	16.9	332	6.6	332	7.8	332	3.0	332	3.0	332	24.7	332
Nord	18.6	365	12.1	365	7.9	365	4.9	365	3.0	365	2.5	364	23.1	364
Sud Ouest	10.7	84	8.3	84	7.2	83	1.2	84	0.0	84	1.2	84	10.7	84
Health worker type														
Medical doctor	66.7	3	33.3	3	33.3	3	33.3	3	0.0	3	33.3	3	0.0	3
Nurse	17.9	507	20.7	507	10.4	508	11.2	507	5.1	507	4.3	506	22.6	505
Midwife	4.7	127	4.7	128	4.7	128	0.0	128	0.0	128	0.8	128	11.7	128
Assistant midwife	4.9	304	4.9	304	2.6	303	2.0	304	0.0	304	0.7	304	27.0	304
AIS	13.0	261	9.6	261	12.6	261	9.2	261	1.5	261	2.3	260	20.7	261
Total	12.3	1,202	12.6	1,203	8.4	1,203	7.3	1,203	2.5	1,203	2.7	1,201	22.1	1,201
Study zone*														
Intervention														
- T1	10.1	336	13.1	336	10.1	337	8.0	336	2.4	336	2.4	335	22.3	336
- T2	12.3	206	13.1	206	6.3	206	7.3	206	3.9	206	2.9	206	26.8	205
- T3	13.5	193	15.0	193	4.1	193	8.8	193	3.1	193	1.0	193	22.3	193
- T4	15.2	99	22.2	99	11.1	99	13.1	99	2.0	99	4.0	99	15.2	99
Control	18.5	227	12.8	227	11.5	226	5.3	227	1.8	227	3.5	226	28.6	227
Total*	13.5	1,061	14.2	1,061	8.7	1,061	7.9	1,061	2.6	1,061	2.6	1,059	23.9	1,060

*Hospitals (CHR/CMA) excluded

Background characteristics	5-8 (continued) Training levels <i>Health worker level</i> (Percentage of health workers having been trained within the last year; refers to continuous training only)													
	h Management of severe malnutrition		i Family planning		j Contraceptives logistics (management of stocks)		k Reproductive health of adolescents		l Newborn reanimation		m Focused antenatal care		n Triage (PCIME at CMA level)	
	%	n	%	N	%	n	%	n	%	n	%	n	%	N
Zone of residence														
Urban	13.9	280	6.1	280	1.1	280	2.5	280	11.4	280	6.4	280	5.1	275
Rural	32.9	922	5.3	923	1.1	923	1.3	922	7.6	922	8.0	920	0.9	904
Level of health facility														
Primary	31.6	1,030	5.2	1,031	1.1	1,031	1.4	1,030	7.7	1,030	7.5	1,028	0.8	1,007
Secondary	8.5	142	8.5	142	1.4	142	3.5	142	15.5	142	9.9	142	7.7	142
Private	16.7	30	0.0	30	0.0	30	0.0	30	3.3	30	3.3	30	10.0	30
Region														
Boucle du Mouhoun	41.7	271	4.8	272	0.4	272	1.5	271	3.3	271	10.7	271	2.2	271
Centre Est	26.0	150	8.0	150	1.3	150	3.3	150	3.3	150	10.8	148	0.8	130
Centre Nord	27.7	332	6.3	332	1.5	332	1.2	332	9.6	332	7.5	332	2.7	329
Nord	24.7	365	3.8	365	1.4	365	1.6	365	13.4	365	2.7	365	1.4	365
Sud Ouest	9.5	84	7.1	84	0.0	84	0.0	84	8.3	84	14.3	84	1.2	84
Health worker type														
Medical doctor	33.3	3	0.0	3	0.0	3	0.0	3	0.0	3	33.3	3	33.3	3
Nurse	31.2	507	4.3	507	1.4	507	1.0	507	10.7	507	3.4	506	3.0	504
Midwife	15.6	128	20.3	128	3.1	128	4.7	127	14.2	127	12.6	127	2.4	125
Assistant midwife	31.4	303	5.6	304	0.7	304	2.3	304	6.9	304	13.2	303	0.7	293
AI5	26.1	261	0.4	261	0.0	261	0.4	261	3.4	261	6.9	261	0.4	254
Total	28.5	1,202	5.5	1,203	1.1	1,203	1.6	1,202	8.5	1,202	7.7	1,200	1.9	1,179
Study zone*														
<i>Intervention</i>														
- T1	31.0	336	3.9	336	0.9	336	1.2	336	7.7	336	9.0	334	1.2	327
- T2	32.0	206	6.3	206	2.9	206	1.0	206	11.2	206	6.3	206	1.5	196
- T3	23.8	193	1.0	193	0.0	193	0.5	193	11.4	193	7.8	193	1.1	189
- T4	44.9	98	5.1	99	0.0	99	1.0	98	2.0	98	9.2	98	0.0	98
<i>Control</i>	30.8	227	9.3	227	0.9	227	2.6	227	3.1	227	4.8	227	0.9	227
Total*	31.1	1,060	5.1	1,061	1.0	1,061	1.3	1,060	7.5	1,060	7.4	1,058	1.1	1,037

*Hospitals (CHR/CMA) excluded

Background characteristics	5-8 (continued) Training levels <i>Health worker level</i> (Percentage of health workers having been trained within the last year; refers to continuous training only)													
	o Basic emergency obstetric and neonatal care (BEmONC)		p Comprehensive emergency obstetric and neonatal care (CEmONC)		q Blood transfusion		r Voluntary HIV testing and counselling (VCT)		s Prevention of mother-to-child transmission of HIV (PMTCT)		t Integrated disease management for people living with HIV		u EPI management (Expanded Program on Immunization)	
Zone of residence	%	n	%	n	%	n	%	n	%	n	%	n	%	N
Urban	4.6	280	508	278	1.4	277	1.8	279	6.1	280	2.5	280	4.6	280
Rural	5.3	921	0.9	905	0.6	895	2.5	922	11.3	924	3.0	923	24.3	923
Level of health facility														
Primary	4.9	1,029	0.8	1,010	0.5	1,000	2.2	1,029	11.1	1,032	3.2	1,031	22.5	1,031
Secondary	7.0	142	11.2	143	2.8	142	2.8	142	3.5	142	1.4	142	0.7	142
Private	6.7	30	0.0	30	0.0	30	3.3	30	3.3	30	0.0	30	13.3	30
Region														
Boucle du Mouhoun	5.9	271	0.7	271	0.4	271	1.1	270	10.6	273	1.1	272	27.6	272
Centre Est	0.7	149	2.3	131	0.0	131	2.7	150	10.7	150	3.3	150	11.3	150
Centre Nord	9.3	332	2.1	332	1.2	332	3.0	332	12.7	332	2.4	332	17.8	332
Nord	2.5	365	1.4	365	1.1	354	2.7	365	7.4	365	2.7	365	21.1	365
Sud Ouest	6.0	84	8.3	84	0.0	84	1.2	84	8.3	84	10.7	84	10.7	84
Health worker type														
Medical doctor	0.0	3	0.0	3	0.0	3	33.3	3	0.0	3	0.0	3	0.0	3
Nurse	3.4	506	2.2	506	1.0	505	1.8	507	4.9	508	4.5	507	19.5	507
Midwife	10.2	127	6.4	125	1.6	124	2.4	126	17.2	128	3.1	128	1.6	128
Assistant midwife	7.6	304	1.7	294	0.7	289	3.0	304	16.4	304	1.3	304	2.0	304
AIS	3.4	261	0.0	255	0.0	251	2.3	261	9.2	261	1.5	261	49.8	261
Total	5.2	1,201	2.0	1,183	0.8	1,172	2.3	1,201	10.0	1,204	2.9	1,203	19.7	1,203
Study zone*														
Intervention														
- T1	5.1	335	0.9	329	0.9	324	1.8	336	9.2	337	4.5	336	25.3	336
- T2	7.3	206	0.5	197	0.5	195	4.4	206	14.6	206	3.4	206	17.0	206
- T3	4.7	193	1.1	189	0.0	186	2.1	193	11.4	193	2.6	193	19.7	193
- T4	5.1	98	1.0	98	0.0	98	2.1	97	16.2	99	1.0	99	33.3	99
Control	2.6	227	0.4	227	0.4	227	1.3	227	7.5	227	2.2	227	19.8	227
Total*	4.9	1,059	0.8	1,040	0.5	1,030	2.3	1,059	10.9	1,062	3.1	1,061	22.2	1,061

*Hospitals (CHR/CMA) excluded

Background characteristics	5-8 (continued) Training levels <i>Health worker level</i> (Percentage of health workers having been trained within the last year; refers to continuous training only)													
	v Integrated epidemiologic surveillance of infectious diseases		w Pro-poor targeting (ciblage des indigents)		x User fee exemption		y Health insurance		z Facility financial management		aa National health information system		ab Infection prevention	
	%	n	%	n	%	n	%	n	%	n	%	n	%	N
Zone of residence														
Urban	2.1	280	0.0	280	0.4	279	0.0	280	0.7	279	1.4	279	3.6	279
Rural	3.9	922	0.4	921	0.8	921	0.3	921	2.4	921	4.7	921	3.4	922
Level of health facility														
Primary	4.0	1,030	0.4	1,029	0.7	1,029	0.3	1,029	2.2	1,028	4.5	1,028	3.2	1,029
Secondary	0.0	142	0.0	142	0.7	141	0.0	142	0.0	142	0.7	142	4.9	142
Private	3.3	30	0.0	30	0.0	30	0.0	30	3.3	30	0.0	30	3.3	30
Region														
Boucle du Mouhoun	8.1	271	0.0	271	0.0	270	0.0	271	2.6	271	12.5	271	3.0	271
Centre Est	0.0	150	0.0	150	0.0	150	0.0	150	0.0	150	0.0	150	0.7	150
Centre Nord	2.1	332	0.6	332	1.5	332	0.9	332	2.7	332	2.7	332	5.4	332
Nord	3.3	365	0.5	365	0.8	365	0.0	365	1.6	365	0.8	365	3.0	365
Sud Ouest	1.2	84	0.0	83	0.0	83	0.0	83	2.4	82	1.2	82	3.6	83
Health worker type														
Medical doctor	0.0	3	0.0	3	0.0	3	0.0	3	0.0	3	0.0	3	0.0	3
Nurse	7.1	507	0.6	507	1.4	507	0.6	507	4.1	507	9.1	507	3.7	507
Midwife	0.8	127	0.0	127	0.8	126	0.0	127	0.8	127	0.0	127	2.4	127
Assistant midwife	0.0	304	0.0	303	0.0	303	0.0	303	0.3	303	0.3	303	3.3	304
AIIS	1.9	261	0.4	261	0.0	261	0.0	261	0.4	260	0.0	260	3.5	260
Total	3.5	1,202	0.3	1,021	0.7	1,200	0.2	1,201	2.0	1,200	3.9	1,200	3.4	1,201
Study zone*														
<i>Intervention</i>														
- T1	4.2	336	0.3	336	1.2	336	0.3	336	1.8	335	5.7	335	3.0	335
- T2	1.9	206	1.0	206	1.0	206	0.5	206	3.4	206	1.5	206	4.9	206
- T3	3.1	193	0.0	193	0.5	193	0.0	193	0.5	193	0.5	193	1.6	193
- T4	13.3	98	0.0	98	0.0	98	0.0	98	4.1	98	17.3	98	3.1	98
<i>Control</i>	2.2	227	0.4	226	0.0	226	0.4	226	2.7	226	2.7	226	3.5	227
Total*	4.0	1,060	0.4	1,059	0.7	1,059	0.3	1,059	2.3	1,058	4.3	1,058	3.2	1,059

*Hospitals (CHR/CMA) excluded

Background characteristics	5-9 Performance evaluation <i>Health worker level</i>		5-10 Income earned from different sources in the last 3 months <i>Health worker level</i>									5-11 Perceived degree of distributive fairness <i>Health worker level</i>		
	(Percentage of respondents having been evaluated for their performance in the last 12 months)		(Income of the last 12 months from [income source] in FCFA; government employees only)									(Degree to which respondents feel that they are adequately remunerated for their performance, in relation to their colleagues; 0=not at all, 10=completely)		
	%	n	mean	sd	N	mean	sd	n	Mean	sd	n	mean	Sd	n
Zone of residence														
Urban	53.8	195	291,717.3	83,398.7	267	6,137.0	6,673.7	250	20,200.8	38,441.6	264	3.6	2.6	267
Rural	65.1	598	235,633.3	54,653.3	895	7,658.9	11,988.1	820	30,904.8	45,143.5	872	3.6	2.8	862
Level of health facility														
Primary	65.3	659	236,127.4	54,418.7	1,005	7,193.4	11,421.1	921	29,149.7	43,370.3	982	3.7	2.8	964
Secondary	50.45	117	329,983.4	82,949.9	140	8,610.3	7,891.1	135	22,188.4	44,973.2	138	3.2	2.3	136
Private	29.4	17	310,273.4	74,761.7	17	1,928.6	4,291.6	14	37,187.5	61,892.9	16	4.8	2.8	29
Region														
Boucle du Mouhoun	69.7	195	242,698.7	65,459.0	267	7,289.7	6,607.6	260	43,279.1	61,058.4	263	3.7	2.7	259
Centre Est	55.6	124	251,381.5	68,898.9	145	7,640.6	7,132.6	124	20,489.4	29,023.6	142	2.8	2.6	128
Centre Nord	54.0	198	259,026.2	67,113.3	313	8,185.8	13,715.5	283	26,716.7	40,756.1	305	3.8	2.5	317
Nord	68.6	220	246,537.6	66,506.3	360	6,750.5	12,510.4	340	23,263.5	29,257.0	353	3.7	2.9	357
Sud Ouest	55.4	56	229,879.9	60,462.0	77	5,714.6	9,041.4	63	22,321.9	53,374.0	73	3.4	3.0	68
Health worker type														
Medical doctor	0.0	1	378,029.0	25,130.3	3	3,850.0	5,444.7	2	103,333.3	100,166.5	3	4.7	3.2	3
Nurse	66.2	328	291,622.7	62,969.3	484	9,107.1	14,212.1	455	37,710.1	55,008.9	470	3.7	2.7	484
Midwife	47.9	73	293,961.5	50,728.2	125	7,482.3	10,107.0	114	21,481.1	38,883.1	123	3.3	2.6	121
Assistant midwife	57.5	212	197,289.2	21,881.4	293	4,953.9	6,321.8	254	16,741.8	26,072.3	285	3.6	2.8	284
AIS	67.0	179	202,139.6	32,022.0	257	6,333.9	7,217.8	245	26,802.6	32,439.7	255	3.6	2.9	237
Total	62.3	793	248,520.1	66,714.0	1,162	7,303.3	10,995.2	1,070	28,417.3	43,895.2	1,136	3.6	2.7	1,129
Study zone*														
Intervention														
- T1	61.4	220	238,949.1	58,928.0	319	7,112.5	9,270.5	287	31,436.4	39,418.5	311	3.7	2.8	313
- T2	66.2	133	237,044.2	52,282.8	203	7,326.0	9,613.1	180	27,978.6	35,281.1	197	3.8	2.9	194
- T3	57.3	117	241,122.4	56,740.3	183	9,55.6	19,665.7	163	28,229.2	41,387.2	178	3.7	2.7	181
- T4	64.1	64	232,388.5	47,671.7	97	7,829.8	7,156.0	93	51,487.6	52,318.4	95	3.9	2.7	96
Control	73.2	142	234,413.0	55,980.7	220	5,131.8	7,101.6	212	18,487.6	50,153.5	217	3.6	2.8	209
Total*	64.3	676	237,360.7	55,585.0	1,022	7,114.6	11,364.5	935	29,278.6	43,697.2	998	3.7	2.8	993

*Hospitals (CHR/CMA) excluded

**Estimated from health worker cadre, seniority, and charges salariales. Indemnités not included.

Background characteristics	5-12 Perceived individual agency <i>Health worker level</i> (Degree to which clinical staff feels they can influence and have a certain degree of control over what happens at the facility; 0=not at all, 10=completely)		
	mean	sd	n
Zone of residence			
<i>Urban</i>	5.5	2.8	265
<i>Rural</i>	6.6	2.5	860
Level of health facility			
<i>Primary</i>	6.5	2.5	965
<i>Secondary</i>	4.5	2.6	132
<i>Private</i>	7.5	1.9	28
Region			
<i>Boucle du Mouhoun</i>	6.4	2.6	258
<i>Centre Est</i>	5.3	2.8	125
<i>Centre Nord</i>	6.5	2.4	320
<i>Nord</i>	6.5	2.6	355
<i>Sud Ouest</i>	5.9	2.9	67
Health worker type			
<i>Medical doctor</i>	7.8	2.5	3
<i>Nurse</i>	6.9	2.5	484
<i>Midwife</i>	4.7	2.8	119
<i>Assistant midwife</i>	5.9	2.6	277
<i>AIS</i>	6.4	2.4	242
Total	6.3	2.6	1,125
Study zone*			
<i>Intervention</i>			
- <i>T1</i>	6.6	2.5	310
- <i>T2</i>	6.6	2.7	193
- <i>T3</i>	6.2	2.6	185
- <i>T4</i>	6.8	2.3	96
<i>Control</i>	6.6	2.5	209
Total*	6.6	2.5	993

*Hospitals (CHR/CMA) excluded

Table 2.2: Will do factors

Background characteristics	5-13 Satisfaction with working conditions <i>Health worker level</i> (0=not satisfied at all, 10=completely satisfied)														
	a Management and supervision			b Relationship with colleagues			c Relationship with authorities			d Relationship with communities			e Workplace (material infrastructure)		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
Urban	6.7	2.2	273	7.5	1.9	268	5.9	2.3	257	7.1	2.0	264	6.0	1.9	273
Rural	7.2	2.2	906	8.1	2.0	896	7.2	1.9	906	7.9	1.7	903	6.6	1.8	911
Level of health facility															
Primary	7.1	2.2	1,012	8.0	2.0	1,002	7.2	2.0	1,008	7.9	1.8	1,008	6.5	1.8	1,016
Secondary	6.2	2.3	137	7.2	1.9	134	5.3	2.1	127	6.6	1.8	131	5.7	1.7	138
Private	8.0	1.8	30	8.2	1.8	28	6.7	2.4	28	7.7	1.6	28	7.0	1.8	30
Region															
Boucle du Mouhoun	6.8	2.3	268	7.8	2.1	265	6.9	2.0	265	7.8	1.7	267	6.5	1.6	269
Centre Est	6.4	2.7	142	7.6	2.3	142	6.9	2.1	138	7.6	2.0	139	6.1	2.1	144
Centre Nord	7.1	2.0	331	7.9	1.9	326	6.8	2.1	327	7.7	1.6	329	6.4	1.7	331
Nord	7.3	2.0	362	8.1	1.8	357	7.0	2.1	358	7.7	1.9	359	6.5	1.9	363
Sud Ouest	7.5	2.4	76	8.4	2.0	74	7.2	2.3	75	8.0	1.9	73	6.7	2.0	77
Health worker type															
Medical doctor	8.8	1.0	3	8.5	0.5	3	6.1	2.3	3	7.0	1.4	2	6.8	1.9	3
Nurse	7.4	2.0	499	8.1	1.8	489	7.0	2.0	493	7.8	1.7	495	6.4	1.7	501
Midwife	6.1	2.4	126	7.2	2.2	124	5.9	2.2	119	6.9	1.8	123	5.6	1.8	126
Assistant midwife	6.9	2.2	294	7.9	2.1	294	7.0	2.1	294	7.8	1.8	291	6.7	2.0	299
AIS	7.0	2.6	257	8.1	2.0	254	7.2	2.0	254	7.9	1.8	256	6.6	1.9	255
Total	7.0	2.2	1,179	8.0	2.0	1,164	6.9	2.1	1,163	7.7	1.8	1,167	6.4	1.8	1,184
Study zone*															
Intervention															
- T1	7.2	2.2	329	8.1	1.9	328	7.1	2.0	326	7.9	1.9	328	6.7	1.8	331
- T2	7.3	2.1	201	8.0	2.1	193	7.3	1.9	199	7.9	1.7	198	6.4	1.9	201
- T3	7.1	2.2	193	8.1	1.8	189	7.1	2.0	193	7.8	1.7	192	6.6	1.8	194
- T4	6.8	2.2	100	7.8	2.1	99	6.9	1.8	99	8.0	1.6	100	6.6	1.5	100
Control	7.1	2.2	219	8.1	2.0	218	7.2	1.9	219	7.8	1.8	218	6.4	1.9	220
Total*	7.1	2.2	1,042	8.1	2.0	1,030	7.1	2.0	1,036	7.9	1.8	1,036	6.5	1.8	1,046

*Hospitals (CHR/CMA) excluded

Background characteristics	5-13 (continued) Satisfaction with working conditions Health worker level											
	(0=not satisfied at all, 10=completely satisfied)											
	f Tasks and workload			g Performance feedback			h Compensation			i Career development		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
Urban	6.7	2.0	273	5.9	2.7	269	3.5	2.1	274	5.7	2.4	272
Rural	6.9	2.1	910	7.2	2.2	880	4.3	2.2	902	6.9	2.1	905
Level of health facility												
Primary	6.9	2.1	1,014	7.2	2.3	984	4.2	2.2	1,010	6.8	2.2	1,009
Secondary	6.3	2.0	139	5.2	2.6	135	3.1	1.8	136	5.1	2.2	138
Private	8.2	1.3	30	7.0	2.4	30	5.2	2.4	30	6.3	2.4	30
Region												
Boucle du Mouhoun	6.7	2.1	269	7.1	2.3	265	4.4	2.1	268	6.5	2.2	269
Centre Est	6.4	2.5	143	6.5	2.9	134	3.4	2.1	142	6.3	2.4	139
Centre Nord	6.9	1.9	330	6.9	2.2	324	4.2	2.1	328	6.6	2.1	331
Nord	7.0	2.0	364	7.0	2.4	357	4.0	2.2	364	6.7	2.3	362
Sud Ouest	7.5	2.1	770	6.8	3.0	69	4.1	2.4	74	7.0	2.5	76
Health worker type												
Medical doctor	7.3	2.2	3	5.8	5.2	3	3.4	2.5	3	6.9	1.9	3
Nurse	6.9	2.0	501	6.7	2.4	491	4.3	2.1	496	6.5	2.1	498
Midwife	6.4	2.1	126	5.9	2.6	122	3.5	2.2	124	5.6	2.3	126
Assistant midwife	6.8	2.1	298	7.1	2.3	287	4.3	2.2	300	6.9	2.4	296
ALS	7.0	2.1	255	7.6	2.2	246	3.7	2.1	253	6.8	2.1	254
Total	6.8	2.0	1,183	6.9	2.4	1,149	4.1	2.2	1,176	6.6	2.2	1,177
Study zone*												
Intervention												
- T1	7.0	2.1	330	7.3	2.2	315	4.3	2.2	328	7.0	2.0	328
- T2	7.1	1.9	201	6.9	2.06	199	4.2	2.3	201	6.9	2.3	200
- T3	6.8	2.0	194	7.1	2.3	186	4.1	2.1	192	6.7	2.2	192
- T4	6.7	2.1	100	7.4	2.1	99	4.6	2.0	99	6.7	2.2	100
Control	6.9	2.1	219	7.2	2.1	215	4.0	2.02	220	6.6	2.3	219
Total*	6.9	2.1	1,044	7.2	2.3	1,014	4.2	2.2	1,040	6.8	2.2	1,039

*Hospitals (CHR/CMA) excluded

Background characteristics	5-14 Motivation <i>Health worker level</i> (0 = very low level, 10 = very high level)								
	a Intrinsic motivation			b Extrinsic motivation			c Turnover intentions		
	mean	sd	n	mean	sd	n	mean	sd	n
Zone of residence									
<i>Urban</i>	7.7	1.4	278	5.6	1.8	278	3.0	2.9	272
<i>Rural</i>	7.8	1.5	915	5.8	1.8	910	2.8	2.7	897
Level of health facility									
<i>Primary</i>	7.8	1.5	1,023	5.8	1.8	1,018	2.8	2.7	1,002
<i>Secondary</i>	7.5	1.4	140	5.5	1.7	140	3.1	2.8	137
<i>Private</i>	8.2	1.2	30	5.4	1.7	30	2.2	2.4	30
Region									
<i>Boucle du Mouhoun</i>	7.7	1.4	272	5.9	1.7	272	3.1	2.8	270
<i>Centre Est</i>	7.6	1.5	147	5.3	1.9	145	2.5	2.6	136
<i>Centre Nord</i>	7.8	1.5	332	5.8	1.7	331	2.9	2.7	330
<i>Nord</i>	7.8	1.6	365	5.7	1.8	365	2.6	2.6	359
<i>Sud Ouest</i>	8.0	1.6	77	5.9	2.0	75	2.5	2.8	74
Health worker type									
<i>Medical doctor</i>	7.8	1.0	3	5.6	1.6	3	4.6	3.5	3
<i>Nurse</i>	7.7	1.4	506	5.6	1.7	505	2.4	2.5	500
<i>Midwife</i>	7.7	1.2	127	5.3	1.7	127	3.1	2.9	127
<i>Assistant midwife</i>	7.7	1.7	300	5.8	1.9	298	3.4	2.9	290
<i>AIS</i>	8.0	1.5	257	6.0	1.8	255	2.7	2.8	249
Total	7.8	1.5	1,193	5.7	1.8	1,188	2.8	2.7	1,169
Study zone*									
<i>Intervention</i>									
- <i>T1</i>	7.9	1.4	334	5.9	1.7	331	2.7	2.6	327
- <i>T2</i>	7.7	1.6	203	5.6	1.9	202	2.4	2.6	199
- <i>T3</i>	7.8	1.6	194	5.6	1.8	193	2.9	2.9	187
- <i>T4</i>	7.6	1.5	100	6.0	1.7	100	3.0	2.8	100
<i>Control</i>	7.8	1.6	222	5.8	1.8	222	2.9	2.8	219
Total*	7.8	1.5	1,053	5.8	1.8	1,048	2.8	2.7	1,032

*Hospitals (CHR/CMA) excluded

Table 2.3: Performance indicators

Background characteristics	5-15 Presence at work* <i>Facility level</i>			5-16 Absenteeism (self-report) <i>Health worker level</i>			5-17 Dual practice <i>Health worker level</i>	
	(Percentage of clinical facility staff present on day of facility visit)			(Number of days of absence from work in the last 30 days)			(Percentage of clinical facility staff reporting to be working at more than one location)	
Zone of residence	%	sd (%)	n	mean	sd	n	%	n
Urban	72.3	26.7	22	2.5	5.9	276	3.6	280
Rural	84.1	20.8	364	3.3	5.7	895	0.8	913
Level of health facility								
Primary	83.5	21.1	375	3.2	5.8	1,001	0.7	1,020
Secondary	-	-	-	2.3	5.6	140	4.2	143
Private	82.5	28.6	11	3.2	3.9	30	13.3	30
Region								
Boucle du Mouhoun	88.6	17.9	79	2.9	5.0	264	0.7	272
Centre Est	88.2	18.8	60	2.2	6.1	150	0.7	151
Centre Nord	77.7	23.3	114	3.1	4.8	325	2.4	332
Nord	83.2	21.7	107	3.8	7.0	361	0.8	365
Sud Ouest	83.1	20.6	26	1.8	4.0	71	4.1	73
Health worker type								
Medical doctor	-			11.7	16.1	3	33.3	3
Nurse				3.2	5.1	499	1.6	506
Midwife				3.3	6.7	124	2.4	127
Assistant midwife				3.0	5.9	293	0.7	298
AIS				2.9	6.0	252	1.2	259
Total	83.4	21.3	386	3.1	5.7	1,171	1.4	1,193
Study zone*								
Intervention								
- T1	86.1	20.4	109	2.9	5.3	326	1.8	332
- T2	81.7	23.3	83	3.3	5.5	203	0.5	205
- T3	83.8	20.4	73	3.4	6.1	188	1.6	190
- T4	87.0	18.4	33	3.2	5.6	95	1.0	100
Control	80.1	22.1	88	3.4	6.5	219	0.0	223
Total*	83.4	21.3	386	3.2	5.8	1,031	1.0	1,050

*Hospitals (CHR/CMA) excluded

3. Balance table

3.1 Balance table (all regions)

Indicators	Mean							t-test* p-value	F-test ** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
5-1	0.650	0.643	0.688	0.584	0.624	0.676	0.674	0.239	0.436	0.722	1.000	1.000	1.000	1.000	1.000
5-2a	114.694	115.141	111.038	111.462	107.116	155.465	113.201	0.854	0.591	1.000	1.000	1.000	1.000	1.000	1.000
5-2b	919.914	886.603	902.066	876.112	781.931	1,110.686	1,029.966	0.001	0.165	1.000	1.000	0.844	1.000	0.673	0.152
5-2c	51.449	67.699	67.139	88.095	74.458	1.001	1.975	0.000	0.586	1.000	1.000	1.000	1.000	1.000	1.000
5-3	0.610	0.568	0.616	0.562	0.528	0.511	0.756	0.000	0.514	1.000	1.000	1.000	1.000	1.000	1.000
5-4	159.765	172.213	164.519	181.820	183.853	148.351	115.653	0.000	0.390	1.000	1.000	1.000	1.000	1.000	0.945
5-5	0.714	0.756	0.735	0.716	0.759	0.935	0.567	0.000	0.094	1.000	1.000	0.126	1.000	0.094	0.305
5-6a	2.527	2.508	2.529	2.542	2.548	2.226	2.600	0.261	0.734	1.000	1.000	1.000	1.000	1.000	1.000
5-6b	1.626	1.608	1.484	1.756	1.631	1.645	1.694	0.115	0.262	0.300	1.000	1.000	1.000	1.000	1.000
5-6c	1.456	1.452	1.504	1.452	1.313	1.613	1.471	0.672	0.231	1.000	0.554	1.000	1.000	1.000	0.448
5-6d	1.732	1.748	1.770	1.711	1.756	1.742	1.671	0.200	0.984	1.000	1.000	1.000	1.000	1.000	1.000
5-6e	3.550	3.614	3.455	3.627	3.634	4.161	3.306	0.001	0.170	1.000	1.000	0.155	1.000	0.638	0.672
5-6f	3.039	3.012	2.862	2.976	3.214	3.161	3.141	0.102	0.317	1.000	0.465	1.000	1.000	1.000	1.000
5-6g	1.507	1.536	1.500	1.548	1.560	1.581	1.400	0.001	0.921	1.000	1.000	1.000	1.000	1.000	1.000
5-6h	1.267	1.272	1.238	1.333	1.289	1.194	1.247	0.472	0.623	1.000	1.000	1.000	1.000	1.000	1.000
5-6i	1.438	1.452	1.504	1.405	1.337	1.677	1.388	0.130	0.128	1.000	0.699	1.000	1.000	0.497	0.186
5-7	78,558.317	81,399.881	66,626.389	94,691.049	104,435.278	45,098.088	69,305.909	0.047	0.012	0.384	0.087	1.000	1.000	0.153	0.049
5-8a	0.135	0.121	0.101	0.126	0.135	0.152	0.185	0.000	0.477	1.000	1.000	1.000	1.000	1.000	1.000
5-8b	0.142	0.146	0.131	0.131	0.150	0.222	0.128	0.131	0.132	1.000	1.000	0.144	1.000	0.210	0.597
5-8c	0.087	0.079	0.101	0.063	0.041	0.111	0.115	0.000	0.044	0.677	0.088	1.000	1.000	0.871	0.220
5-8d	0.079	0.086	0.080	0.073	0.088	0.131	0.053	0.001	0.366	1.000	1.000	0.679	1.000	0.534	1.000
5-8e	0.026	0.029	0.024	0.039	0.031	0.020	0.018	0.054	0.721	1.000	1.000	1.000	1.000	1.000	1.000
5-8f	0.026	0.024	0.024	0.029	0.010	0.040	0.035	0.032	0.408	1.000	1.000	1.000	1.000	1.000	0.678
5-8g	0.239	0.226	0.223	0.268	0.223	0.152	0.286	0.000	0.154	1.000	1.000	0.802	1.000	0.136	1.000
5-8h	0.311	0.312	0.310	0.320	0.238	0.449	0.308	0.815	0.004	1.000	0.525	0.051	0.455	0.139	0.001
5-8i	0.051	0.040	0.039	0.063	0.010	0.051	0.093	0.000	0.054	0.938	0.643	1.000	0.042	1.000	0.573
5-8j	0.010	0.011	0.009	0.029	0.000	0.000	0.009	0.580	0.020	0.161	1.000	1.000	0.029	0.126	1.000
5-8k	0.013	0.010	0.012	0.010	0.005	0.010	0.026	0.000	0.900	1.000	1.000	1.000	1.000	1.000	1.000
5-8l	0.075	0.088	0.077	0.112	0.114	0.020	0.031	0.000	0.027	1.000	0.905	0.472	1.000	0.051	0.046
5-8m	0.074	0.081	0.090	0.063	0.078	0.092	0.048	0.001	0.7021	1.000	1.000	1.000	1.000	1.000	1.000
5-8n	0.011	0.011	0.012	0.015	0.011	0.000	0.009	0.533	0.693	1.000	1.000	1.000	1.000	1.000	1.000
5-8o	0.049	0.055	0.051	0.073	0.047	0.051	0.026	0.000	0.648	1.000	1.000	1.000	1.000	1.000	1.000
5-8p	0.008	0.009	0.009	0.005	0.011	0.010	0.004	0.195	0.938	1.000	1.000	1.000	1.000	1.000	1.000
5-8q	0.005	0.005	0.009	0.005	0.000	0.000	0.004	0.817	0.455	1.000	0.921	1.000	1.000	1.000	1.000
5-8r	0.023	0.025	0.018	0.044	0.021	0.021	0.013	0.027	0.280	0.379	1.000	1.000	0.866	1.000	1.000
5-8s	0.109	0.119	0.092	0.146	0.114	0.162	0.075	0.000	0.138	0.364	1.000	0.358	1.000	1.000	1.000

Annex III: Indicators: Cross- and balance tables

Indicators	Mean							t-test* p-value	F-test ** p-value	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C			T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
5-8t	0.031	0.034	0.045	0.034	0.026	0.010	0.022	0.065	0.349	1.000	1.000	0.564	1.000	1.000	1.000
5-8u	0.222	0.229	0.253	0.170	0.197	0.333	0.198	0.035	0.006	0.150	0.827	0.559	1.000	0.009	0.051
5-8v	0.040	0.044	0.042	0.019	0.031	0.133	0.022	0.002	0.000	1.000	1.000	0.001	1.000	0.000	0.000
5-8w	0.004	0.004	0.003	0.010	0.000	0.000	0.004	0.692	0.359	1.000	1.000	1.000	0.637	1.000	1.000
5-8x	0.007	0.008	0.012	0.010	0.005	0.000	0.000	0.008	0.659	1.000	1.000	1.000	1.000	1.000	1.000
5-8y	0.003	0.002	0.003	0.005	0.000	0.000	0.004	0.233	0.739	1.000	1.000	1.000	1.000	1.000	1.000
5-8z	0.023	0.022	0.018	0.034	0.005	0.041	0.027	0.330	0.118	1.000	1.000	1.000	0.289	1.000	0.290
5-8aa	0.043	0.048	0.057	0.015	0.005	0.173	0.027	0.004	0.000	0.135	0.038	0.000	1.000	0.000	0.000
5-8ab	0.032	0.031	0.030	0.049	0.016	0.031	0.035	0.509	0.305	1.000	1.000	1.000	0.352	1.000	1.000
5-9	0.643	0.620	0.614	0.662	0.573	0.641	0.732	0.000	0.525	1.000	1.000	1.000	0.896	1.000	1.000
5-10a	237,360.74 3	238,169.34 5	238,949.12 5	237,044.15 8	241,122.37 7	232,388.50 5	234,413.01 8	0.056	0.634	1.000	1.000	1.000	1.000	1.000	1.000
5-10b	7,114.580	7,695.980	7,112.497	7,325.989	9,055.592	7,829.761	5,131.788	0.000	0.421	1.000	0.643	1.000	1.000	1.000	1.000
5-10c	29,278.557	32,276.825	31,436.399	27,978.579	28,229.213	51,525.263	18,487.558	0.000	0.000	1.000	1.000	0.000	1.000	0.000	0.000
5-11	3.695	3.729	3.666	3.783	3.677	3.921	3.569	0.110	0.862	1.000	1.000	1.000	1.000	1.000	1.000
5-12	6.561	6.558	6.648	6.640	6.219	6.755	6.574	0.860	0.219	1.000	0.422	1.000	0.654	1.000	0.570
5-13a	7.148	7.170	7.212	7.306	7.145	6.803	7.066	0.171	0.282	1.000	1.000	0.591	1.000	0.347	1.000
5-13b	8.052	8.050	8.137	7.985	8.079	7.838	8.060	0.894	0.559	1.000	1.000	1.000	1.000	1.000	1.000
5-13c	7.140	7.121	7.089	7.270	7.141	6.884	7.212	0.187	0.446	1.000	1.000	1.000	1.000	0.674	1.000
5-13d	7.884	7.897	7.907	7.923	7.817	7.967	7.838	0.334	0.893	1.000	1.000	1.000	1.000	1.000	1.000
5-13e	6.546	6.580	6.688	6.394	6.597	6.561	6.421	0.012	0.342	0.415	1.000	1.000	1.000	1.000	1.000
5-13f	6.913	6.928	7.006	7.076	6.784	6.653	6.856	0.309	0.229	1.000	1.000	0.780	0.929	0.543	1.000
5-13g	7.162	7.146	7.252	6.922	7.078	7.384	7.223	0.343	0.288	0.683	1.000	1.000	1.000	0.622	1.000
5-13h	4.228	4.277	4.324	4.238	4.079	4.588	4.042	0.002	0.277	1.000	1.000	1.000	1.000	1.000	0.347
5-13i	6.787	6.839	6.971	6.852	6.670	6.707	6.593	0.001	0.422	1.000	0.740	1.000	1.000	1.000	1.000
5-14a	7.792	7.799	7.933	7.703	7.762	7.621	7.763	0.482	0.171	0.512	1.000	0.412	1.000	1.000	1.000
5-14b	5.767	5.748	5.881	5.583	5.578	5.972	5.837	0.159	0.080	0.382	0.378	1.000	1.000	0.464	0.455
5-14c	2.771	2.738	2.731	2.442	2.919	3.012	2.893	0.101	0.230	1.000	1.000	1.000	0.488	0.502	1.000
5-15	0.834	0.844	0.861	0.817	0.838	0.870	0.801	0.000	0.438	0.875	1.000	1.000	1.000	1.000	1.000
5-16	3.210	3.164	2.926	3.305	3.420	3.168	3.384	0.259	0.770	1.000	1.000	1.000	1.000	1.000	1.000
5-17	0.010	0.013	0.018	0.005	0.016	0.010	0.000	0.001	0.604	1.000	1.000	1.000	1.000	1.000	1.000

* intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

3.2 Balance table: Boucle Du Mouhoun

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
5-1	0.750	0.667	0.655	0.676	1.000	0.000	0.861	0.861
5-2a	139.014	144.730	132.342	155.465	122.170	0.049	0.307	0.307
5-2b	1,091.205	1,091.092	1,067.580	1,110.686	1,091.530	0.995	0.753	0.753
5-2c	0.367	0.501	0.000	1.001	0.000	0.322	0.322	0.322
5-3	0.557	0.500	0.488	0.511	0.726	0.000	0.726	0.726
5-4	128.503	146.376	144.059	148.351	74.887	0.000	0.817	0.817
5-5	0.861	0.932	0.929	0.935	0.650	0.000	0.918	0.918
5-6a	2.308	2.119	2.000	2.226	2.895	0.000	0.422	0.422
5-6b	1.577	1.627	1.607	1.645	1.421	0.026	0.835	0.835
5-6c	1.590	1.695	1.786	1.613	1.263	0.000	0.444	0.444
5-6d	1.731	1.814	1.893	1.742	1.474	0.006	0.533	0.533
5-6e	3.641	3.763	3.321	4.161	3.263	0.013	0.029	0.029
5-6f	3.090	3.034	2.893	3.161	3.263	0.153	0.402	0.402
5-6g	1.513	1.559	1.536	1.581	1.368	0.022	0.785	0.785
5-6h	1.244	1.237	1.286	1.0194	1.263	0.672	0.454	0.454
5-6i	1.513	1.661	1.643	1.677	1.053	0.000	0.870	0.870
5-7	44,596.175	53,732.394	62,366.701	45,098.088	19,928.383	0.000	0.237	0.237
5-8a	0.119	0.149	0.146	0.152	0.018	0.000	0.917	0.917
5-8b	0.173	0.197	0.169	0.222	0.091	0.000	0.358	0.358
5-8c	0.111	0.132	0.156	0.111	0.036	0.000	0.370	0.370
5-8d	0.111	0.138	0.146	0.131	0.018	0.000	0.771	0.771
5-8e	0.021	0.021	0.022	0.020	0.018	0.770	0.915	0.915
5-8f	0.037	0.043	0.045	0.040	0.019	0.105	0.878	0.878
5-8g	0.189	0.154	0.157	0.152	0.309	0.000	0.913	0.913
5-8h	0.455	0.471	0.494	0.449	0.400	0.055	0.537	0.537
5-8i	0.049	0.059	0.067	0.051	0.018	0.020	0.624	0.624
5-8j	0.004	0.005	0.011	0.000	0.000	0.319	0.293	0.293
5-8k	0.012	0.005	0.000	0.010	0.036	0.000	0.342	0.342
5-8l	0.033	0.037	0.056	0.020	0.018	0.168	0.200	0.200
5-8m	0.116	0.123	0.157	0.092	0.091	0.184	0.175	0.175
5-8n	-	-	-	-	-	-	-	-
5-8o	0.058	0.059	0.067	0.051	0.055	0.804	0.636	0.636
5-8p	0.008	0.011	0.011	0.010	0.000	0.158	0.946	0.946
5-8q	-	-	-	-	-	-	-	-
5-8r	0.012	0.016	0.011	0.021	0.000	0.083	0.614	0.614
5-8s	0.111	0.138	0.111	0.162	0.018	0.000	0.317	0.317

Annex III: Indicators: Cross- and balance tables

Indicators	Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
	Total	Total int	T1	T4	C			
5-8t	0.012	0.005	0.000	0.010	0.036	0.000	0.344	0.344
5-8u	0.309	0.351	0.371	0.333	0.164	0.000	0.593	0.593
5-8v	0.091	0.107	0.079	0.133	0.036	0.002	0.235	0.235
5-8w	-	-	-	-	-	-	-	-
5-8x	-	-	-	-	-	-	-	-
5-8y	-	-	-	-	-	-	-	-
5-8z	0.029	0.032	0.022	0.041	0.018	0.283	0.480	0.480
5-8aa	0.136	0.171	0.169	0.173	0.018	0.000	0.929	0.929
5-8ab	0.033	0.021	0.011	0.031	0.073	0.000	0.363	0.363
5-9	0.728	0.682	0.723	0.641	0.875	0.000	0.318	0.318
5-10a	231,215.660	232,884.742	233,425.584	232,388.505	225,245.481	0.033	0.885	0.885
5-10b	7,422.938	8,026.078	8,238.375	7,829.761	5,346.745	0.000	0.699	0.699
5-10c	46,914.103	51,971.978	52,459.770	51,525.263	29,211.538	0.000	0.901	0.901
5-11	3.709	3.737	3.529	3.921	3.608	0.512	0.322	0.322
5-12	6.667	6.694	6.626	6.755	6.569	0.498	0.729	0.729
5-13a	6.873	6.791	6.779	6.803	7.176	0.024	0.942	0.942
5-13b	7.914	7.832	7.824	7.838	8.216	0.014	0.963	0.963
5-13c	7.111	7.036	7.204	6.884	7.387	0.010	0.236	0.236
5-13d	8.004	7.981	7.996	7.967	8.092	0.371	0.905	0.905
5-13e	6.631	6.686	6.825	6.561	6.429	0.026	0.248	0.248
5-13f	6.720	6.628	6.600	6.653	7.058	0.005	0.861	0.861
5-13g	7.368	7.348	7.307	7.384	7.441	0.537	0.800	0.800
5-13h	4.471	4.582	4.576	4.588	4.066	0.001	0.970	0.970
5-13i	6.687	6.775	6.850	6.707	6.365	0.007	0.636	0.636
5-14a	7.719	7.745	7.882	7.621	7.627	0.266	0.217	0.217
5-14b	5.959	5.987	6.004	5.972	5.862	0.315	0.896	0.896
5-14c	3.150	3.041	3.074	3.012	3.541	0.015	0.878	0.878
5-15	0.886	0.886	0.905	0.870	0.886	0.995	0.463	0.463
5-16	3.021	3.087	3.000	3.168	2.792	0.450	0.829	0.829
5-17	0.004	0.005	0.000	0.010	0.000	0.319	0.344	0.344

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T4)

3.3 Balance table: Regions Centre Est, Centre Nord, Nord, and Sud-Ouest

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
5-1	0.625	0.637	0.698	0.584	0.624	0.581	0.057	0.264	0.329	0.901	1.000
5-2a	107.888	107.175	103.010	111.462	107.116	110.361	0.806	0.966	1.000	1.000	1.000
5-2b	872.261	832.006	840.307	876.112	781.931	1,010.471	0.000	0.730	1.000	1.000	1.000
5-2c	65.608	85.743	95.357	88.095	74.458	2.576	0.000	0.926	1.000	1.000	1.000
5-3	0.624	0.584	0.658	0.562	0.528	0.756	0.000	0.221	0.645	0.287	1.000
5-4	167.627	178.402	170.700	181.820	183.853	127.711	0.000	0.770	1.000	1.000	1.000
5-5	0.678	0.715	0.674	0.716	0.759	0.543	0.000	0.471	1.000	0.661	1.000
5-6a	2.580	2.596	2.688	20542	2.548	2.515	0.393	0.770	1.000	1.000	1.000
5-6b	1.638	1.604	1.447	1.756	1.631	1.773	0.008	0.130	0.138	0.692	1.000
5-6c	1.424	1.397	1.421	1.452	1.313	1.530	0.006	0.476	1.000	1.000	0.743
5-6d	1.732	1.734	1.734	1.711	1.756	1.727	0.927	0.967	1.000	1.000	1.000
5-6e	3.528	3.581	3.495	3.627	3.634	3.318	0.008	0.805	1.000	1.000	1.000
5-6f	3.027	3.008	2.853	2.976	3.214	3.106	0.271	0.243	1.000	0.289	0.861
5-6g	1.506	1.531	1.489	1.548	1.560	1.409	0.012	0.811	1.000	1.000	1.000
5-6h	1.272	1.280	1.223	1.333	1.289	1.242	0.352	0.521	0.777	1.000	1.000
5-6i	1.421	1.405	1.463	1.405	1.337	1.485	0.076	0.520	1.000	0.759	1.000
5-7	87,697.221	88,414.173	68,159.876	94,691.049	104,435.278	85,234.142	0.664	0.107	0.396	0.129	1.000
5-8a	0.139	0.113	0.085	0.126	0.135	0.238	0.000	0.203	0.505	0.308	1.000
5-8b	0.133	0.132	0.117	0.131	0.150	0.140	0.550	0.601	1.000	0.939	1.000
5-8c	0.080	0.063	0.081	0.063	0.041	0.140	0.000	0.242	1.000	0.276	1.000
5-8d	0.070	0.071	0.057	0.073	0.088	0.064	0.474	0.444	1.000	0.614	1.000
5-8e	0.028	0.031	0.024	0.039	0.031	0.017	0.048	0.674	1.000	1.000	1.000
5-8f	0.023	0.019	0.016	0.029	0.010	0.041	0.000	0.362	0.942	1.000	0.500
5-8g	0.253	0.247	0.247	0.268	0.223	0.279	0.056	0.576	1.000	1.000	0.881
5-8h	0.269	0.266	0.243	0.320	0.238	0.279	0.462	0.103	0.190	1.000	0.192
5-8i	0.051	0.034	0.028	0.063	0.010	0.116	0.000	0.012	0.125	0.901	0.011
5-8j	0.012	0.012	0.008	0.029	0.000	0.012	0.862	0.023	0.131	1.000	0.026
5-8k	0.013	0.011	0.016	0.010	0.005	0.023	0.002	0.533	1.000	0.808	1.000
5-8l	0.088	0.102	0.085	0.112	0.114	0.035	0.000	0.526	1.000	0.961	1.000
5-8m	0.0621	0.068	0.065	0.063	0.078	0.035	0.001	0.823	1.000	1.000	1.000
5-8n	0.014	0.014	0.017	0.015	0.011	0.012	0.556	0.861	1.000	1.000	1.000
5-8o	0.047	0.054	0.045	0.073	0.047	0.017	0.000	0.362	0.570	1.000	0.748
5-8p	0.008	0.008	0.008	0.005	0.011	0.006	0.542	0.830	1.000	1.000	1.000
5-8q	0.006	0.006	0.013	0.005	0.000	0.006	0.834	0.260	0.980	0.318	1.000
5-8r	0.026	0.028	0.020	0.044	0.021	0.017	0.108	0.248	0.395	1.000	0.493
5-8s	0.109	0.116	0.085	0.146	0.114	0.093	0.109	0.128	0.128	1.000	0.955

Annex III: Indicators: Cross- and balance tables

Indicators	Mean						t-test* p-value	F-test** p-value	P (F-test)		
	Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
5-8t	0.037	0.042	0.061	0.034	0.026	0.017	0.002	0.155	0.471	0.211	1.000
5-8u	0.197	0.193	0.211	0.170	0.197	0.209	0.310	0.548	0.831	1.000	1.000
5-8v	0.024	0.026	0.028	0.019	0.031	0.017	0.160	0.744	1.000	1.000	1.000
5-8w	0.005	0.005	0.004	0.010	0.000	0.006	0.653	0.358	1.000	1.000	0.464
5-8x	0.009	0.011	0.016	0.010	0.005	0.000	0.008	0.533	1.000	0.808	1.000
5-8y	0.004	0.003	0.004	0.005	0.000	0.006	0.209	0.646	1.000	1.000	1.000
5-8z	0.021	0.019	0.016	0.034	0.005	0.029	0.046	0.098	0.495	1.000	0.101
5-8aa	0.016	0.012	0.016	0.015	0.005	0.029	0.000	0.550	1.000	0.897	1.000
5-8ab	0.032	0.034	0.037	0.049	0.016	0.023	0.130	0.186	1.000	0.685	0.210
5-9	0.615	0.600	0.568	0.662	0.573	0.676	0.002	0.209	0.317	1.000	0.457
5-10a	239,226.214	239,765.021	241,086.496	237,044.158	241,122.377	237,250.589	0.277	0.712	1.000	1.000	1.000
5-10b	7,013.401	7,587.364	6,630.777	7,325.989	9,055.592	5,061.927	0.000	0.227	1.000	0.271	0.716
5-10c	23,877.094	26,292.654	23,271.071	27,978.579	28,229.213	15,107.879	0.000	0.283	0.542	0.510	1.000
5-11	3.691	3.726	3.717	3.783	3.677	3.557	0.143	0.935	1.000	1.000	1.000
5-12	6.529	6.517	6.657	6.640	6.219	6.576	0.572	0.166	1.000	0.260	0.334
5-13a	7.231	7.283	7.375	7.306	7.145	7.033	0.003	0.521	1.000	0.781	1.000
5-13b	8.094	8.116	8.252	7.985	8.079	8.012	0.172	0.328	0.434	1.000	1.000
5-13c	7.149	7.146	7.046	7.270	7.141	7.159	0.874	0.510	0.740	1.000	1.000
5-13d	7.848	7.872	7.874	7.923	7.817	7.760	0.113	0.839	1.000	1.000	1.000
5-13e	6.521	6.548	6.636	6.394	6.597	6.419	0.082	0.361	0.525	1.000	0.839
5-13f	6.971	7.018	7.158	7.076	6.784	6.793	0.005	0.140	1.000	0.165	0.451
5-13g	7.099	7.084	7.231	6.922	7.078	7.155	0.457	0.406	0.540	1.000	1.000
5-13h	4.154	4.186	4.229	4.238	4.079	4.035	0.083	0.719	1.000	1.000	1.000
5-13i	6.818	6.859	7.017	6.852	6.670	6.664	0.024	0.257	1.000	0.299	1.000
5-14a	7.814	7.816	7.952	7.703	7.762	7.806	0.875	0.190	0.254	0.579	1.000
5-14b	5.709	5.677	5.835	5.583	5.0578	5.829	0.036	0.233	0.442	0.433	1.000
5-14c	2.654	2.646	2.601	2.442	2.919	2.686	0.706	0.198	1.000	0.659	0.231
5-15	0.821	0.834	0.847	0.817	0.838	0.778	0.000	0.654	1.000	1.000	1.000
5-16	3.267	3.186	2.899	3.305	3.420	3.572	0.086	0.597	1.000	1.000	1.000
5-17	0.012	0.016	0.025	0.005	0.016	0.000	0.002	0.241	0.276	1.000	1.000

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3)

4. Key indicators by district

Districts	5-3: Clinical staff *1000			5-4: Number of patients in the last month			5-9: Number of respondents having been evaluated for their performance in the last 12 months		5-12: Average combined individual agency scale score (Perceived individual agency: "Degree to which clinical staff feels they can influence and have a certain degree of control over what happens at the facility")		
	mean	sd	n	mean	sd	n	%	n	%		n
BOROMO	0.8	0.2	11	74.3	44.0	11	78.9	19	6.1	2.6	24
NOUNA	0.4	0.1	29	129.0	68.2	30	74.6	63	6.3	2.5	91
SOLENZO	0.6	0.3	33	162.1	73.4	33	58.5	82	6.5	2.8	107
TOMA	0.7	0.2	10	75.5	30.8	10	83.9	31	6.5	2.5	36
MANGA	0.4	0.1	9	182.2	79.0	9	64.0	25	4.8	3.2	29
OUARGAYE	0.4	0.3	26	367.0	150.0	27	52.3	44	5.2	2.7	45
TENKODOGO	0.6	0.4	23	239.8	107.1	23	50.0	46	5.8	2.6	41
ZABRE	0.7	0.5	3	355.3	175.2	3	77.8	9	5.6	3.3	10
BARSALGHO	0.3	0.0	5	117.4	20.1	5	55.6	9	6.5	2.2	17
KAYA	0.4	0.3	54	154.2	67.2	57	54.6	97	6.3	2.5	166
KONGOUSSI	0.4	0.2	31	239.0	185.4	33	46.7	60	6.8	2.1	85
ZINIARE	0.9	0.5	20	111.8	103.6	18	65.6	32	6.6	2.3	52
BOUSSE	1.3	0.7	13	98.4	50.4	13	60.9	23	6.4	2.4	45
GOURCY	0.7	0.3	29	73.0	34.7	28	54.0	50	6.0	2.8	84
OUAHIGOUYA	0.7	0.8	65	144.5	92.5	66	72.2	115	6.8	2.5	184
YAKO	0.5	0.4	15	105.6	61.2	15	84.4	32	6.4	2.9	42
BATIE	0.7	0.3	9	102.3	44.3	10	68.2	22	6.7	3.6	20
DANO	0.6	0.3	3	114.7	61.3	4	50.0	6	5.7	2.6	11
DIEBOUGOU	0.8	0.4	19	116.3	40.1	19	54.5	22	5.5	2.7	30
GAOUA	0.7	0.4	4	110.2	59.3	4	16.7	6	5.7	2.7	6
Total	0.6	0.5	411	159.8	118.3	418	62.3	793	6.3	2.6	1125

Key indicators by district (continued)

Districts	5-13: Average combined scale score on different dimensions of the satisfaction with work scale: a. Management and supervision			5-13: Average combined scale score on different dimensions of the satisfaction with work scale: b. Relationship with colleagues			5-13: Average combined scale score on different dimensions of the satisfaction with work scale: c. Relationship with authorities		
	mean	sd	n	mean	sd	n	mean	sd	n
BOROMO	6.5	2.6	24	7.6	2.3	24	7.1	2.0	24
NOUNA	6.8	2.2	94	7.7	2.0	94	6.9	1.9	94
SOLENZO	6.7	2.4	112	7.8	2.2	109	6.9	1.9	109
TOMA	7.1	2.0	38	8.3	1.6	38	6.9	2.2	38
MANGA	5.6	2.9	30	6.9	2.5	30	6.6	2.4	30
OUARGAYE	6.3	2.3	51	7.3	2.4	51	6.7	2.1	52
TENKODOGO	6.9	2.7	49	8.2	2.1	50	7.2	2.1	44
ZABRE	7.5	2.6	12	8.9	0.8	11	7.2	1.5	12
BARSALGHO	7.0	2.2	19	7.8	1.7	19	7.3	1.7	19
KAYA	7.3	1.9	173	8.0	2.0	170	6.8	2.0	169
KONGOUSSI	6.9	2.1	85	7.8	1.8	84	6.9	2.0	85
ZINIARE	7.0	2.3	54	8.0	2.0	53	6.5	2.5	54
BOUSSE	7.3	1.6	45	8.0	1.9	45	6.9	1.8	45
GOURCY	7.4	2.0	84	8.1	2.0	82	6.9	2.1	84
OUAHIGOUYA	7.4	1.9	191	8.2	1.7	188	7.2	2.1	188
YAKO	6.7	2.5	42	8.1	2.0	42	6.7	2.1	41
BATIE	8.1	2.2	23	8.9	1.8	23	7.6	2.4	23
DANO	6.3	2.9	11	7.3	3.0	11	5.9	2.7	11
DIEBOUGOU	7.1	2.5	34	8.3	1.7	32	7.2	2.0	33
GAOUA	8.7	1.1	8	8.8	1.0	8	8.0	1.6	8
Total	7.0	2.2	1179	8.0	2.0	1164	6.9	2.1	1163

Key indicators by district (continued)

Districts	5-13: Average combined scale score on different dimensions of the satisfaction with work scale: d. Relationship with communities			5-13: Average combined scale score on different dimensions of the satisfaction with work scale: e. Workplace (material, infrastructure)			5-13: Average combined scale score on different dimensions of the satisfaction with work scale: f. Tasks and workload		
	mean	sd	n	mean	sd	n	mean	sd	n
BOROMO	7.8	1.5	24	6.0	1.7	25	7.2	2.0	25
NOUNA	7.7	1.9	94	6.9	1.5	94	6.4	2.0	94
SOLENZO	8.0	1.7	111	6.4	1.6	112	6.8	2.1	112
TOMA	7.8	1.8	38	6.2	1.9	38	6.7	2.2	38
MANGA	7.0	2.2	30	5.8	1.9	30	6.1	2.4	30
OUARGAYE	7.5	2.0	51	5.3	2.1	52	6.1	2.5	51
TENKODOGO	7.9	2.0	47	6.9	2.2	50	6.7	2.5	51
ZABRE	8.0	1.2	11	6.5	1.5	12	7.3	2.1	11
BARSALGHO	7.1	1.8	19	6.1	1.6	19	6.5	1.9	19
KAYA	7.6	1.5	172	6.4	1.7	173	6.9	1.8	172
KONGOUSSE	7.9	1.5	84	6.5	1.8	85	6.9	1.9	85
ZINIARE	7.7	1.8	54	6.5	2.1	54	6.8	2.1	54
BOUSSE	7.7	1.9	45	6.7	1.7	45	6.7	1.8	45
GOURCY	7.5	2.2	84	6.5	1.9	84	7.0	2.0	84
OUAHIGOUYA	7.9	1.8	189	56.7	1.8	192	7.1	1.9	192
YAKO	7.5	2.1	41	5.5	1.9	42	6.5	2.3	43
BATIE	8.5	1.4	23	6.6	2.4	24	8.0	2.4	24
DANO	7.2	2.5	11	6.3	2.4	11	7.0	2.6	11
DIEBOUGOU	8.1	1.8	32	6.7	1.8	34	7.5	1.7	34
GAOUA	7.1	2.4	7	7.5	1.0	8	7.4	2.2	8
Total	7.7	1.8	1167	6.4	1.8	1184	6.8	2.0	1183

Key indicators by district (continued)

Districts	5-13: Average combined scale score on different dimensions of the satisfaction with work scale: g. Performance feedback			5-13: Average combined scale score on different dimensions of the satisfaction with work scale: h. Compensation			5-13: Average combined scale score on different dimensions of the satisfaction with work scale: i. Career development		
	mean	sd	n	mean	sd	n	mean	sd	n
BOROMO	7.2	2.0	24	4.1	2.2	25	6.0	2.4	25
NOUNA	7.1	2.3	94	4.7	2.1	94	6.5	2.2	94
SOLENZO	7.2	2.2	109	4.4	2.0	111	6.8	2.0	112
TOMA	6.8	2.6	38	3.6	2.0	38	6.0	2.3	38
MANGA	6.3	2.9	30	3.3	2.3	30	5.9	2.4	30
OUARGAYE	5.8	2.8	47	3.6	2.1	50	6.4	2.2	48
TENKODOGO	7.3	2.8	46	3.3	2.2	50	6.2	2.7	49
ZABRE	7.2	2.8	11	3.7	1.6	12	6.6	1.8	12
BARSALGHO	6.7	2.3	18	3.4	1.9	19	6.4	1.9	19
KAYA	6.8	2.2	168	4.4	2.0	172	6.6	2.0	173
KONGOSSI	7.1	2.1	84	4.2	2.1	83	6.9	2.1	85
ZINIARE	7.0	2.0	54	3.9	2.5	54	6.4	2.4	54
BOUSSE	6.6	2.4	45	3.9	2.2	45	6.1	2.4	45
GOURCY	6.5	2.7	83	3.8	2.2	84	6.6	2.2	84
OUAHIGOYA	7.2	2.2	188	4.3	2.2	192	6.9	2.2	191
YAKO	7.1	2.1	41	3.5	2.1	43	6.3	2.6	42
BATIE	7.1	3.1	21	3.9	2.4	22	7.2	2.6	24
DANO	5.0	3.2	11	3.3	2.5	11	5.5	2.8	11
DIEBOUGOU	7.3	2.9	31	4.1	2.4	33	7.1	2.3	33
GAOUA	6.4	2.8	6	5.5	2.2	8	7.4	2.2	8
Total	6.9	2.4	1149	4.1	2.2	1176	6.6	2.2	1177

Key indicators by district (continued)

Districts	5-15: Number of clinical facility staff present on day of facility visit		
	%	sd(%)	n
BOROMO	94.4	16.7	9
NOUNA	83.9	19.9	30
SOLENZO	93.4	14.9	30
TOMA	83.3	17.6	10
MANGA	77.8	22.0	9
OUARGAYE	93.4	13.0	27
TENKODOGO	86.7	21.2	21
ZABRE	83.3	28.9	3
BARSALGHO	66.0	25.9	5
KAYA	79.1	23.0	57
KONGOUSSI	76.7	23.2	33
ZINIARE	78.0	24.8	19
BOUSSE	84.2	23.1	13
GOURCY	84.6	20.1	27
OUAHIGOUYA	84.9	21.8	53
YAKO	73.3	22.6	14
BATIE	100.0	0.0	3
DANO	91.7	14.4	3
DIEBOUGOU	81.0	22.9	17
GAOUA	69.4	4.8	3
Total	83.4	21.3	386

WP6: Targeting and health insurance

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1. Key indicators

Background characteristics	Rate of Awareness of:				Targeted population:		Proportion of the population to be exempted:									
	6-1 Indigents directives		6-9 Full exemption directives re: delivery of indigent women		6-46 Best target population for exemption: indigents		6-22 Share preferring 1%		6-23 Share preferring 5%		6-24 Share preferring 10%		6-25 Share preferring 20%		6-26 Share preferring 25%	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	9.5	147	20.5	146	20.8	144	5.9	135	14.8	135	36.3	135	20.7	135	22.2	135
Rural	9.3	904	27.9	902	21.4	894	7.2	873	23.3	873	31.6	873	16.2	873	21.8	873
Region																
Boucle of Mouhoun	14.3	244	39.7	242	13.6	242	2.5	241	22.4	241	32.4	241	19.1	241	23.7	241
Centre East	17.5	120	18.3	120	28.3	120	10.5	114	25.4	114	36.0	114	13.2	114	14.9	114
Centre North	3.4	298	16.2	297	24.9	289	8.9	280	24.3	280	36.4	280	14.3	280	16.1	280
North	8.8	330	24.2	330	21.6	329	7.8	319	21.6	319	29.8	319	15.4	319	25.4	319
SouthWest	5.1	59	61.0	59	19.0	58	5.6	54	5.6	54	16.7	54	35.2	54	37.0	54
Responsibility level, respondent																
Head of health facility	13.3	285	23.5	285	27.1	284	11.1	279	25.8	279	31.5	279	12.9	279	18.6	279
Others	7.8	765	28.2	762	19.1	753	5.5	728	20.7	728	32.6	728	18.1	728	23.1	728
Study zone*																
Interventions																
T1	8.7	332	27.0	330	20.9	326	3.8	316	21.8	316	36.1	316	14.9	316	23.4	316
T2	8.3	204	20.6	204	30.8	201	8.9	191	23.0	191	31.9	191	16.8	191	19.4	191
T3	6.3	191	16.8	190	23.4	188	9.9	182	27.5	182	29.1	182	14.8	182	18.7	182
T4	18.8	101	27.7	101	13.9	101	5.1	99	18.2	99	33.3	99	25.3	99	18.2	99
Control	9.4	223	40.8	223	14.9	222	8.6	220	19.1	220	29.1	220	17.3	220	25.9	220
Total*	9.3	1,051	26.9	1,048	21.3	1,038	7.0	1,008	22.1	1,008	32.2	1,008	16.8	1,008	21.8	1,008

2. Cross Tables

Background characteristics					Share of non-compliance regarding Indigents directives explained by:											
	6-1 Rate of Awareness of Indigents directives		6-2 Rate of compliance regarding Indigents		6-3 Absence of criteria		6-4 Lack of resources		6-5 Difficulties to identify Indigents		6-6 Absence of Indigents		6-7 Considered useless		6-8 Other reasons	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	9.5	147	55.6	9	0.0	4	50.0	4	0.0	4	0.0	4	0.0	4	50.0	4
Rural	9.3	904	64.7	68	22.7	22	39.1	23	13.6	22	22.7	22	0.0	22	19.0	21
Region																
Boucle of Mouhoun	14.3	244	76.0	25	0.0	6	33.3	6	0.0	6	33.3	6	0.0	6	0.0	6
Centre East	17.5	120	80.0	15	0.0	1	0.0	1	0.0	1	0.0	1	0.0	1	100.0	2
Centre North	3.4	298	50.0	8	25.0	4	25.0	4	0.0	4	25.0	4	0.0	4	50.0	4
North	8.8	330	58.3	24	9.1	11	45.5	11	27.3	11	18.2	11	0.0	11	20.0	10
SouthWest	5.1	59	0.0	5	75.0	4	60.0	5	0.0	4	0.0	4	0.0	4	0.0	3
Responsibility level of respondent																
Head of health facility	13.3	285	64.1	39	26.7	15	53.3	15	20.0	15	20.0	15	0.0	15	14.3	14
Others	7.8	765	63.2	38	9.1	11	25.0	12	0.0	11	18.2	11	0.0	11	36.4	11
Study zone*																
Interventions																
T1	8.7	332	55.0	20	12.5	8	44.4	9	12.5	8	25.0	8	0.0	8	0.0	7
T2	8.3	204	57.1	14	28.6	7	28.6	7	28.6	7	28.6	7	0.0	7	28.6	7
T3	6.3	191	60.0	10	0.0	2	50.0	2	0.0	2	0.0	2	0.0	2	100.0	2
T4	18.8	101	81.3	16	0.0	3	33.3	3	0.0	3	33.3	3	0.0	3	0.0	3
Control	9.4	223	64.7	17	33.3	6	50.0	6	0.0	6	0.0	6	0.0	6	33.3	6
Total*	9.3	1,051	63.6	77	19.2	26	40.7	27	11.5	26	19.2	26	0.0	26	24.0	25

Background characteristics					Share of non-compliance regarding delivery exemption directives explained by:											
	6-9 Rate of Awareness of full exemption directives regarding delivery of indigent women		6-10 Rate of compliance regarding delivery subsidies directives		6-11 Absence of criteria		6-12 Lack of resources		6-13 Difficulties to identify Indigents		6-14 Absence of Indigents		6-15 Considered useless		6-16 Other reasons	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Urban	20.5	146	86.7	30	0.0	4	25.0	4	25.0	4	0.0	4	0.0	4	50.0	4
Rural	27.9	902	88.9	252	20.8	24	20.8	24	29.2	24	36.0	25	4.2	24	29.2	24
Region																
Boucle of Mouhoun	39.7	242	85.4	96	16.7	12	8.3	12	33.3	12	38.5	13	0.0	12	16.7	12
Centre East	18.3	120	90.9	22	0.0	1	0.0	1	0.0	1	0.0	1	0.0	1	100.0	1
Centre North	16.2	297	83.3	48	16.7	6	16.7	6	16.7	6	33.3	6	0.0	6	57.1	7
North	24.2	330	91.3	80	14.3	7	28.6	7	28.6	7	14.3	7	0.0	7	28.6	7
SouthWest	61.0	59	97.2	36	50.0	2	100.0	2	50.0	2	50.0	2	50.0	2	0.0	1
Responsibility level of respondent																
Head of health facility	23.5	285	88.1	67	25.0	8	37.5	8	50.0	8	25.0	8	0.0	8	0.0	8
Others	28.2	762	88.8	215	15.0	20	15.0	20	20.0	20	33.3	21	5.0	20	45.0	20
Study zone*																
Interventions																
T1	27.0	330	89.8	88	11.1	9	11.1	9	22.2	9	33.3	9	0.0	9	33.3	9
T2	20.6	204	81.0	42	33.3	6	50.0	6	16.7	6	33.3	6	16.7	6	50.0	6
T3	16.8	190	87.9	33	0.0	4	25.0	4	25.0	4	25.0	4	0.0	4	25.0	4
T4	27.7	101	75.0	28	0.0	5	20.0	5	40.0	5	33.3	6	0.0	5	20.0	5
Control	40.8	223	95.6	91	50.0	4	0.0	4	50.0	4	25.0	4	0.0	4	25.0	4
Total*	26.9	1,048	88.7	282	17.9	28	21.4	28	28.6	28	31.0	29	3.6	28	32.1	28

Background characteristics	Indigent Selection method: Share preferring									
	6-17 nurses at the health center (CSPS)		6-18 community-based in villages		6-19 COGES		6-20 state social workers		6-21 municipality	
Zone of residence	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	20.0	145	29.7	145	18.6	145	24.8	142	6.9	145
<i>Rural</i>	18.7	89.4	31.8	894	21.3	894	18.3	894	100.0	894
Region										
<i>Boucle of Mouhoun</i>	24.5	241	27.4	241	24.5	241	15.8	241	7.9	241
<i>Centre East</i>	16.1	118	39.0	118	16.9	118	19.5	118	8.5	118
<i>Centre North</i>	17.2	296	30.78	296	16.6	296	24.3	296	11.1	296
<i>North</i>	16.2	328	32.6	328	24.1	328	18.0	328	9.1	328
<i>SouthWest</i>	25.0	56	30.4	56	17.9	56	14.3	56	12.5	56
Responsibility level of respondent										
<i>Head of health facility</i>	11.6	285	34.0	285	23.9	285	18.6	285	11.9	285
<i>Others</i>	21.6	753	30.4	753	19.8	753	19.5	753	8.6	753
Study zone*										
<i>Interventions</i>										
- T1	17.4	327	31.8	327	19.6	327	20.8	327	10.4	327
- T2	17.9	201	38.3	201	18.9	201	15.4	201	9.5	201
- T3	13.8	189	33.9	189	16.9	189	21.7	189	13.8	189
- T4	25.3	99	34.3	99	20.2	99	16.2	99	4.0	99
<i>Control</i>	23.3	223	21.5	223	28.3	223	19.7	223	7.2	223
Total*	18.9	1,039	31.5	1,039	20.9	1,039	19.2	1,039	9.5	1,039

Background characteristics	Proportion of the population to be exempted:									
	6-22 Share preferring 1%		6-23 Share preferring 5%		6-24 Share preferring 10%		6-25 Share preferring 20%		6-26 Share preferring 25%	
Zone of residence	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	5.9	135	14.8	135	36.3	135	20.7	135	22.2	135
<i>Rural</i>	7.2	873	23.3	873	31.6	873	16.2	873	21.8	873
Region										
<i>Boucle of Mouhoun</i>	2.5	241	22.4	241	32.4	241	19.1	241	23.7	241
<i>Centre East</i>	10.5	114	25.4	114	36.0	114	13.2	114	14.9	114
<i>Centre North</i>	8.9	280	24.3	280	36.4	280	14.3	280	16.1	280
<i>North</i>	7.8	319	21.6	319	29.8	319	15.4	319	25.4	319
<i>SouthWest</i>	5.6	54	5.6	54	16.7	54	35.2	54	37.0	54
Responsibility level of respondent										
<i>Head of health facility</i>	11.1	279	25.8	279	31.5	279	12.9	279	18.6	279
<i>Others</i>	5.5	728	20.7	728	32.6	728	18.1	728	23.1	728
Study zone*										
<i>Interventions</i>										
- <i>T1</i>	3.8	316	21.8	316	36.1	316	14.9	316	23.4	316
- <i>T2</i>	8.9	191	23.0	191	31.9	191	16.8	191	19.4	191
- <i>T3</i>	9.9	182	27.5	182	29.1	182	14.8	182	18.7	182
- <i>T4</i>	5.1	99	18.2	99	33.3	99	25.3	99	18.2	99
<i>Control</i>	8.6	220	19.1	220	29.1	220	17.3	220	25.9	220
Total*	7.0	1,008	22.1	1,008	32.2	1,008	16.8	1,008	21.8	1,008

Background characteristics	Health coverage subscription method: share preferring							
	6-27 equal amount		6-28 proportional amount		6-29 proportional amount with exemption for indigents		6-30 progressive amount	
Zone of residence	%	N	%	N	%	N	%	N
<i>Urban</i>	13.3	143	17.5	143	28.7	143	40.6	143
<i>Rural</i>	18.6	892	16.1	892	28.8	892	36.4	892
Region								
<i>Boucle of Mouhoun</i>	30.7	241	17.4	241	22.4	241	29.5	241
<i>Centre East</i>	5.8	120	11.7	120	35.0	120	47.5	120
<i>Centre North</i>	14.5	289	17.3	289	32.2	289	36.0	289
<i>North</i>	16.2	328	14.6	328	26.8	328	42.4	328
<i>SouthWest</i>	15.8	57	26.3	57	36.8	57	21.1	57
Responsibility level of respondent								
<i>Head of health facility</i>	22.5	284	15.8	284	25.0	284	36.6	284
<i>Others</i>	16.1	750	16.4	750	30.3	750	37.2	750
Study zone*								
<i>Interventions</i>								
- <i>T1</i>	16.0	325	19.1	325	30.8	325	34.2	325
- <i>T2</i>	16.5	200	14.0	200	31.0	200	38.5	200
- <i>T3</i>	10.1	188	17.0	188	31.9	188	41.0	188
- <i>T4</i>	33.0	100	17.0	100	21.0	100	29.0	100
<i>Control</i>	21.6	222	13.5	222	24.8	222	40.1	222
Total*	17.9	1,035	16.3	1,035	28.8	1,035	37.0	1,035

Background characteristics	Who should manage the health coverage (subscription): BEST manager option: share preferring											
	6-31 Village members		6-32 NGO		6-33 Community-based health insurance		6-34 Municipality		6-35 COGES		6-36 The State	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	2.8	145	1308	145	33.1	145	11.7	145	17.9	145	20.7	145
<i>Rural</i>	3.5	889	1204	889	28.3	889	10.1	889	24.3	889	21.4	889
Region												
<i>Boucle of Mouhoun</i>	3.7	242	11.2	242	23.6	242	9.1	242	28.9	242	23.6	242
<i>Centre East</i>	2.5	119	12.6	119	34.5	119	9.2	119	21.0	119	20.2	119
<i>Centre North</i>	2.8	287	11.1	287	36.9	287	8.7	287	19.9	287	20.6	287
<i>North</i>	4.3	329	14.3	329	22.8	329	12.8	329	25.2	329	20.7	329
<i>SouthWest</i>	1.8	57	15.8	57	36.8	57	12.3	57	12.3	57	21.1	57
Responsibility level of respondent												
<i>Head of health facility</i>	4.2	283	9.9	283	30.4	283	7.1	283	30.0	283	18.4	283
<i>Others</i>	3.1	750	13.6	750	28.4	750	11.6	750	20.9	750	22.4	750
Study zone*												
<i>Interventions</i>												
- <i>T1</i>	2.1	326	10.7	326	29.1	326	12.0	326	21.8	326	24.2	326
- <i>T2</i>	3.0	199	13.6	199	28.6	199	10.6	199	26.1	199	18.1	199
- <i>T3</i>	4.8	188	14.4	188	27.7	188	9.0	188	19.7	188	24.5	188
<i>T4</i>	4.0	101	12.9	101	26.7	101	5.0	101	28.7	101	22.8	101
<i>Control</i>	4.1	220	12.7	220	31.4	220	11.4	220	24.1	220	16.4	220
Total*	3.4	1,034	12.6	1,034	29.0	1,034	10.3	1,034	23.4	1,034	21.3	1,034

Background characteristics	Who should manage the health coverage (subscription): WORST manager option: share preferring											
	6-37 Village members		6-38 NGO		6-39 Community-based health insurance		6-40 Municipality		6-41 COGES		6-42 The State	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	52.8	142	4.9	142	0.7	142	19.0	142	8.5	142	14.1	142
<i>Rural</i>	52.6	878	5.9	878	2.4	878	19.0	878	10.0	878	10.0	878
Region												
<i>Boucle of Mouhoun</i>	44.4	241	7.1	241	3.3	241	19.1	241	12.4	241	13.7	241
<i>Centre East</i>	58.3	115	3.5	115	1.7	115	17.4	115	9.6	115	9.6	115
<i>Centre North</i>	56.7	284	5.3	284	1.8	284	20.1	284	8.1	284	8.1	284
<i>North</i>	55.7	325	6.5	325	1.8	325	17.8	325	7.1	325	11.1	325
<i>SouthWest</i>	38.2	55	3.6	55	1.8	55	23.6	55	23.6	55	9.1	55
Responsibility level of respondent												
<i>Head of health facility</i>	55.0	282	6.0	282	1.4	282	24.8	282	3.2	282	9.6	282
<i>Others</i>	51.8	737	5.7	737	2.4	737	16.8	737	12.3	737	10.9	737
Study zone*												
<i>Interventions</i>												
- <i>T1</i>	52.3	321	5.0	321	2.2	321	22.1	321	10.0	321	8.4	321
- <i>T2</i>	55.1	196	4.6	196	1.5	196	19.9	196	8.7	196	10.2	196
- <i>T3</i>	56.8	185	4.9	185	1.6	185	16.2	185	9.7	185	10.8	185
- <i>T4</i>	50.0	100	10.0	100	3.0	100	17.0	100	8.0	100	12.0	100
<i>Control</i>	48.6	218	6.9	218	2.8	218	17.0	218	11.5	218	13.3	218
Total*	52.6	1,020	5.8	1,020	2.2	1,020	19.0	1,020	9.8	1,020	10.6	1,020

Background characteristics	Targeted population – Health coverage BEST target population: share mentioning											
	6-43 Under 5 children		6-44 Pregnant women		6-45 Above 60 year old people		6-46 Indigents		6-47 Productive-age men		6-48 Facility staff	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	47.9	144	16.7	144	6.9	144	20.8	144	0.7	144	6.9	144
<i>Rural</i>	53.9	894	14.5	894	5.3	894	21.4	894	0.6	894	4.3	894
Region												
<i>Boucle of Mouhoun</i>	52.9	242	24.0	242	4.1	242	13.6	242	0.0	242	5.4	242
<i>Centre East</i>	45.8	120	10.8	120	5.8	120	28.3	120	0.0	120	8.3	120
<i>Centre North</i>	53.3	289	9.0	289	6.9	289	24.9	289	1.0	289	4.8	289
<i>North</i>	55.6	329	14.9	329	5.5	329	21.6	329	0.6	329	1.8	329
<i>SouthWest</i>	53.4	58	13.8	58	3.4	58	19.0	58	1.7	58	8.6	58
Responsibility level of respondent												
<i>Head of health facility</i>	51.4	284	12.7	284	6.7	284	27.1	284	0.0	284	2.1	284
<i>Others</i>	53.7	753	15.7	753	5.0	753	19.1	753	0.8	753	5.6	753
Study zone*												
<i>Interventions</i>												
- <i>T1</i>	52.8	326	15.0	326	5.2	326	20.9	326	0.3	326	5.5	326
- <i>T2</i>	51.7	201	8.5	201	3.0	201	30.8	201	0.5	201	5.5	201
- <i>T3</i>	49.5	188	14.4	188	8.0	188	23.4	188	1.1	188	3.7	188
- <i>T4</i>	55.4	101	21.8	101	5.0	101	13.9	101	0.0	101	4.0	101
<i>Control</i>	56.8	222	17.6	222	6.3	222	14.9	222	0.9	222	3.6	222
Total*	53.1	1,038	14.8	1,038	5.5	1,038	21.3	1,038	0.6	1,038	4.6	1,038

Background characteristics	Targeted population – Health coverage WORST target population: share mentioning											
	6-50 Under 5 children		6-51 Pregnant women		6-52 Above 60 year old people		6-53 Indigents		6-54 Productive-age men		6-55 Facility staff	
Zone of residence	%	N	%	N	%	N	%	N	%	N	%	N
<i>Urban</i>	4.9	143	1.4	143	9.8	143	2.8	143	66.4	143	14.0	143
<i>Rural</i>	4.6	889	6.0	889	7.2	889	2.8	889	61.2	889	17.9	889
Region												
<i>Boucle of Mouhoun</i>	4.1	242	8.7	242	14.5	242	0.8	242	50.4	242	21.5	242
<i>Centre East</i>	3.4	113	4.3	116	4.3	116	0.9	116	74.1	116	12.1	116
<i>Centre North</i>	5.9	289	2.8	289	5.2	289	2.1	289	68.9	289	14.9	289
<i>North</i>	2.1	328	3.4	328	6.7	328	4.3	328	64.9	328	18.0	328
<i>SouthWest</i>	17.5	57	17.5	57	1.8	57	10.5	57	33.3	57	19.3	57
Responsibility level of respondent												
<i>Head of health facility</i>	2.1	283	3.5	283	5.3	283	3.9	283	65.7	283	19.1	283
<i>Others</i>	5.6	748	6.0	748	8.4	748	2.4	748	60.6	748	16.6	748
Study zone*												
<i>Interventions</i>												
- <i>T1</i>	3.7	325	4.0	325	7.1	325	1.8	325	67.7	325	15.1	325
- <i>T2</i>	3.0	199	5.0	199	6.0	199	2.5	199	69.3	199	13.6	199
- <i>T3</i>	5.3	187	3.2	187	5.3	187	1.6	187	63.1	187	21.4	187
- <i>T4</i>	3.0	101	6.9	101	10.9	101	1.0	101	58.4	101	19.8	101
<i>Control</i>	7.7	220	8.6	220	10.0	220	6.4	220	47.3	220	19.2	220
Total*	4.7	1,032	5.3	1,032	7.6	1,032	2.8	1,032	61.9	1,032	17.3	1,032

3. Balance tables

3.1 Balance table (all regions)

Indicators		Mean							t-test*	F-test**	p (F-test)					
									p-value	p-value						
		Total	Total int	T1	T2	T3	T4	C	T-test	F-test	T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
	6-1 Rate of Awareness of Indigents directives	0.093	0.093	0.087	0.083	0.063	0.188	0.094	0.907	0.004	1.000	1.000	0.013	1.000	0.018	0.003
	6-2 Rate of compliance regarding Indigents	0.636	0.633	0.550	0.571	0.600	0.813	0.647	0.828	0.394	1.000	1.000	0.677	1.000	1.000	1.000
Share of non-compliance regarding Indigents directives explained by:	6-3 Absence of criteria	0.192	0.150	0.125	0.286	0.00	0.000	0.333	0.037	0.642	1.000	1.000	1.000	1.000	1.000	1.000
	6-4 Lack of resources	0.407	0.381	0.444	0.286	0.500	0.333	0.500	0.286	0.923	1.000	1.000	1.000	1.000	1.000	1.000
	6-5 Difficulties to identify Indigents	0.115	0.150	0.125	0.286	0.00	0.000	0.000	0.083	0.642	1.000	1.000	1.000	1.000	1.000	1.000
	6-6 Absence of Indigents	0.192	0.250	0.250	0.286	0.00	0.333	0.000	0.021	0.874	1.000	1.000	1.000	1.000	1.000	1.000
	6-7 Considered useless	0.240	0.211	0.000	0.286	1.000	0.000	0.333	0.217	0.007	0.623	0.006	1.000	0.068	1.000	0.017
	6-9 Rate of Awareness of full exemption directives regarding delivery of indigent women	0.269	0.232	0.270	0.206	0.168	0.277	0.408	0.000	0.031	0.533	0.050	1.000	1.000	0.981	0.216
	6-10 Rate of compliance regarding delivery subsidies directives	0.887	0.853	0.898	0.810	0.879	0.750	0.956	0.000	0.207	1.000	1.000	0.332	1.000	1.000	0.945
Share of non-compliance regarding Indigents directives explained by:	6-11 Absence of criteria	0.179	0.125	0.111	0.333	0.000	0.000	0.500	0.000	0.332	1.000	1.000	1.000	0.822	0.686	1.000
	6-12 Lack of resources	0.214	0.250	0.111	0.500	0.250	0.200	0.000	0.011	0.435	0.672	1.000	1.000	1.000	1.000	1.000
	6-13 Difficulties to identify Indigents	0.286	0.250	0.222	0.167	0.250	0.400	0.500	0.011	0.862	1.000	1.000	1.000	1.000	1.000	1.000
	6-14 Absence of Indigents	0.310	0.320	0.333	0.333	0.250	0.333	0.250	0.469	0.993	1.000	1.000	1.000	1.000	1.000	1.000
	6-15 Considered useless	0.036	0.042	0.000	0.167	0.000	0.000	0.000	0.328	0.413	0.822	1.000	1.000	1.000	1.000	1.000

Annex III: Indicators: Cross- and balance tables

	6-16 Other reasons	0.321	0.333	0.333	0.500	0.250	0.200	0.250	0.405	0.773	1.000	1.000	1.000	1.000	1.000	1.000
Preferred Indigents selection method	6-17 nurses at the health center (CSPS)	0.189	0.176	0.174	0.179	0.138	0.253	0.233	0.000	0.115	1.000	1.000	0.442	1.000	0.700	0.091
	6-18 community-based in villages	0.315	0.342	0.318	0.383	0.339	0.343	0.215	0.000	0.504	0.761	1.000	1.000	1.000	1.000	1.000
	6-19 COGES	0.209	0.189	0.196	0.189	0.169	0.202	0.283	0.000	0.878	1.000	1.000	1.000	1.000	1.000	1.000
	6-20 state social workers	0.192	0.191	0.208	0.154	0.217	0.162	0.197	0.656	0.292	0.767	1.000	1.000	0.696	1.000	1.000
	6-21 municipality	0.095	0.102	0.104	0.095	0.138	0.040	0.072	0.005	0.076	1.000	1.000	0.400	0.958	0.867	0.058
Proportion of population to be exempted	6-22 Share preferring 1%	0.070	0.066	0.038	0.089	0.099	0.051	0.086	0.022	0.026	0.148	0.050	1.000	1.000	1.000	0.706
	6-23 Share preferring 5%	0.221	0.230	0.218	0.230	0.275	0.182	0.191	0.010	0.309	1.000	0.902	1.000	1.000	1.000	0.465
	6-24 Share preferring 10%	0.322	0.331	0.316	0.319	0.291	0.333	0.291	0.017	0.444	1.000	0.678	1.000	1.000	1.000	1.000
	6-25 Share preferring 20%	0.168	0.166	0.149	0.168	0.148	0.253	0.173	0.625	0.092	1.000	1.000	0.093	1.000	0.391	0.151
	6-26 Share preferring 25%	0.218	0.207	0.234	0.194	0.187	0.182	0.259	0.000	0.483	1.000	1.000	1.000	1.000	1.000	1.000
Preferred subscription method	6-27 equal amount	0.179	0.169	0.160	0.165	0.101	0.330	0.216	0.000	0.000	1.000	0.492	0.000	0.533	0.002	0.000
	6-28 proportional amount	0.163	0.171	0.191	0.140	0.170	0.170	0.135	0.007	0.523	0.806	1.000	1.000	1.000	1.000	1.000
	6-29 proportional amount with exemption for indigents	0.288	0.299	0.308	0.310	0.319	0.210	0.248	0.002	0.224	1.000	1.000	0.374	1.000	0.449	0.326
	6-30 progressive amount	0.370	0.362	0.342	0.385	0.410	0.290	0.401	0.020	0.163	1.000	0.734	1.000	1.000	0.640	0.267
Who should manage the health coverage (subscription) BEST manager option: share preferring	6-31 Village members	0.034	0.032	0.021	0.030	0.048	0.040	0.041	0.146	0.407	1.000	0.610	1.000	1.000	1.000	1.000
	6-32 NGO	0.126	0.125	0.107	0.136	0.144	0.129	0.127	0.866	0.630	1.000	1.000	1.000	1.000	1.000	1.000
	6-33 Community-based health insurance	0.290	0.284	0.291	0.286	0.277	0.267	0.314	0.059	0.963	1.000	1.000	1.000	1.000	1.000	1.000
	6-34 Municipality	0.103	0.101	0.120	0.106	0.090	0.050	0.114	0.222	0.215	1.000	1.000	0.246	1.000	0.767	1.000
	6-35 COGES	0.234	0.232	0.218	0.261	0.197	0.287	0.241	0.556	0.226	1.000	1.000	0.898	0.801	1.000	0.499
	6-36 The State	0.213	0.226	0.242	0.181	0.245	0.228	0.164	0.000	0.365	0.619	1.000	1.000	0.806	1.000	1.000
	6-37 Village members	0.526	0.537	0.523	0.551	0.568	0.500	0.486	0.004	0.651	1.000	1.000	1.000	1.000	1.000	1.000
Who should	6-38 NGO	0.058	0.055	0.050	0.046	0.049	0.100	0.069	0.083	0.211	1.000	1.000	0.328	1.000	0.321	0.417

Annex III: Indicators: Cross- and balance tables

manage the health coverage (subscription) WORST manager option: share preferring	6-39 Community-based health insurance	0.022	0.020	0.022	0.015	0.016	0.030	0.028	0.126	0.821	1.000	1.000	1.000	1.000	1.000	1.000
	6-40 Municipality	0.190	0.196	0.221	0.199	0.162	0.170	0.170	0.064	0.381	1.000	0.646	1.000	1.000	1.000	1.000
	6-41 COGES	0.098	0.094	0.100	0.087	0.097	0.080	0.115	0.040	0.920	1.000	1.000	1.000	1.000	1.000	1.000
	6-42 The State	0.106	0.099	0.084	0.102	0.108	0.120	0.133	0.001	0.686	1.000	1.000	1.000	1.000	1.000	1.000
Targeted population – Health coverage BEST target population: share mentioning	6-43 Under 5 children	0.531	0.521	0.528	0.517	0.495	0.554	0.568	0.008	0.792	1.000	1.000	1.000	1.000	1.000	1.000
	6-44 Pregnant women	0.148	0.141	0.150	0.085	0.144	0.218	0.176	0.004	0.015	0.208	1.000	0.525	0.561	0.010	0.498
	6-45 Above 60 year old people	0.055	0.053	0.052	0.030	0.080	0.050	0.063	0.186	0.181	1.000	1.000	1.000	0.167	1.000	1.000
	6-46 Indigents	0.213	0.230	0.209	0.308	0.234	0.139	0.149	0.000	0.005	0.048	1.000	0.857	0.482	0.006	0.391
Targeted population – Health coverage WORST target population: share mentioning	6-47 Productive-age men	0.006	0.005	0.003	0.005	0.011	0.000	0.009	0.094	0.576	1.000	1.000	1.000	1.000	1.000	1.000
	6-48 Facility staff	0.046	0.049	0.055	0.055	0.037	0.040	0.036	0.086	0.763	1.000	1.000	1.000	1.000	1.000	1.000
	6-50 Under 5 children	0.047	0.038	0.037	0.030	0.053	0.030	0.077	0.000	0.627	1.000	1.000	1.000	1.000	1.000	1.000
	6-51 Pregnant women	0.053	0.044	0.040	0.050	0.032	0.069	0.086	0.000	0.484	1.000	1.000	1.000	1.000	1.000	0.863
	6-52 Above 60 year old people	0.076	0.069	0.071	0.060	0.053	0.109	0.100	0.001	0.327	1.000	1.000	1.000	1.000	0.701	0.462
	6-53 Indigents	0.028	0.018	0.018	0.025	0.016	0.010	0.064	0.000	0.813	1.000	1.000	1.000	1.000	1.000	1.000
	6-54 Productive-age men	0.619	0.659	0.677	0.693	0.631	0.584	0.473	0.000	0.197	1.000	1.000	0.517	1.000	0.356	1.000
	6-55 Facility staff	0.173	0.167	0.151	0.136	0.214	0.198	0.195	0.033	0.130	1.000	0.393	1.000	0.239	1.000	1.000

3.2 Balance table: Boucle Du Mouhoun

Indicators		Mean					t-test* p-value	F-test** p-value	p (F-test) T4-T1
		Total	Total int	T1	T4	C			
6-1 Rate of Awareness of Indigents directives		0.143	0.173	0.156	0.188	0.038	0.000	0.555	0.555
6-2 Rate of compliance regarding Indigents		0.760	0.750	0.625	0.813	1.000	0.011	0.339	0.339
Share of non-compliance regarding Indigents directives explained by:	6-3 Absence of criteria	-	-	-	-	-	-	-	-
	6-4 Lack of resources	-	-	-	-	-	-	-	-
	6-5 Difficulties to identify Indigents	-	-	-	-	-	-	-	-
	6-6 Absence of Indigents	-	-	-	-	-	-	-	-
	6-7 Considered useless	-	-	-	-	-	-	-	-
	6-8 Other reasons	-	-	-	-	-	-	-	-
6-9 Rate of Awareness of full exemption directives regarding delivery of indigent women		0.397	0.360	0.455	0.277	0.528	0.000	0.011	0.011
6-10 Rate of compliance regarding delivery subsidies directives		0.854	0.838	0.900	0.750	0.893	0.229	0.101	0.101
Share of non-compliance regarding Indigents directives explained by:	6-11 Absence of criteria	0.167	0.111	0.250	0.000	0.333	0.081	0.292	0.292
	6-12 Lack of resources	0.083	0.111	0.000	0.200	0.000	0.347	0.407	0.407
	6-13 Difficulties to identify Indigents	0.333	0.333	0.250	0.400	0.333	1.000	0.685	0.685
	6-14 Absence of Indigents	0.385	0.500	0.750	0.333	0.000	0.015	0.242	0.242
	6-15 Considered useless	-	-	-	-	-	-	-	-
	6-16 Other reasons	0.167	0.111	0.000	0.200	0.333	0.081	0.407	0.407
Preferred Indigents selection method	6-17 nurses at the health center (CSPS)	0.245	0.245	0.236	0.253	0.245	0.985	0.793	0.793
	6-18 community-based in villages	0.274	0.298	0.247	0.343	0.189	0.001	0.151	0.151
	6-19 COGES	0.245	0.234	0.270	0.202	0.283	0.115	0.277	0.277
	6-20 state social workers	0.158	0.149	0.135	0.162	0.189	0.129	0.609	0.609
	6-21 municipality	0.079	0.074	0.112	0.040	0.094	0.302	0.061	0.061
Proportion of population to be exempted	6-22 Share preferring 1%	0.025	0.027	0.000	0.051	0.019	0.512	0.032	0.032
	6-23 Share preferring 5%	0.224	0.207	0.236	0.182	0.283	0.012	0.363	0.363
	6-24 Share preferring 10%	0.324	0.356	0.382	0.333	0.208	0.000	0.489	0.489
	6-25 Share preferring 20%	0.191	0.207	0.157	0.253	0.132	0.012	0.109	0.109
	6-26 Share preferring 25%	0.237	0.202	0.225	0.182	0.358	0.000	0.467	0.467
Preferred subscription	6-27 equal amount	0.307	0.324	0.318	0.330	0.245	0.022	0.864	0.864
	6-28 proportional amount	0.174	0.186	0.205	0.170	0.132	0.059	0.546	0.546

method	6-29 proportional amount with exemption for indigents	0.224	0.223	0.239	0.210	0.226	0.921	0.640	0.640
	6-30 progressive amount	0.295	0.266	0.239	0.290	0.396	0.000	0.429	0.429
Who should manage the health coverage (subscription) BEST manager option: share preferring	6-31 Village members	0.037	0.042	0.045	0.040	0.019	0.112	0.843	0.843
	6-32 NGO	0.112	0.111	0.091	0.129	0.113	0.927	0.412	0.412
	6-33 Community-based health insurance	0.236	0.238	0.205	0.267	0.226	0.707	0.315	0.315
	6-34 Municipality	0.091	0.074	0.102	0.050	0.151	0.000	0.169	0.169
	6-35 COGES	0.289	0.296	0.307	0.287	0.264	0.336	0.769	0.769
	6-36 The State	0.236	0.238	0.250	0.228	0.226	0.707	0.722	0.722
Who should manage the health coverage (subscription) WORST manager option: share preferring	6-37 Village members	0.444	0.463	0.420	0.500	0.377	0.020	0.278	0.278
	6-38 NGO	0.071	0.069	0.034	0.100	0.075	0.734	0.076	0.076
	6-39 Community-based health insurance	0.033	0.043	0.057	0.030	0.000	0.004	0.366	0.366
	6-40 Municipality	0.191	0.191	0.213	0.170	0.189	0.922	0.427	0.427
	6-41 COGES	0.124	0.117	0.159	0.080	0.151	0.151	0.093	0.093
	6-42 The State	0.137	0.117	0.114	0.120	0.208	0.000	0.893	0.893
Targeted population – Health coverage BEST target population: share mentioning	6-43 Under 5 children	0.529	0.513	0.466	0.554	0.585	0.051	0.227	0.227
	6-44 Pregnant women	0.240	0.254	0.295	0.218	0.189	0.041	0.223	0.223
	6-45 Above 60 year old people	0.041	0.037	0.023	0.050	0.057	0.157	0.333	0.333
	6-46 Indigents	0.136	0.143	0.148	0.139	0.113	0.247	0.859	0.859
	6-47 Productive-age men	-	-	-	-	-	-	-	-
	6-48 Facility staff	0.054	0.053	0.068	0.040	0.057	0.821	0.384	0.384
Targeted population – Health coverage WORST target population: share mentioning	6-50 Under 5 children	0.041	0.026	0.023	0.030	0.094	0.000	0.767	0.767
	6-51 Pregnant women	0.087	0.090	0.114	0.069	0.075	0.489	0.290	0.290
	6-52 Above 60 year old people	0.145	0.148	0.193	0.109	0.132	0.536	0.105	0.105
	6-53 Indigents	0.008	0.011	0.011	0.010	0.000	0.158	0.922	0.922
	6-54 Productive-age men	0.504	0.534	0.477	0.584	0.396	0.000	0.143	0.143
	6-55 Facility staff	0.215	0.190	0.182	0.198	0.302	0.000	0.779	0.779

* Intervention (all arms combined) vs. control

**intervention arms only (T1 vs. T2 vs. T3 vs. T4)

3.3 Balance table: Regions Centre Est, Centre Nord, Nord, and Sud-Ouest

Indicators		Mean						t-test* p-value	F-test** p-value	P (F-test)		
		Total	Total int	T1	T2	T3	C			T2-T1	T3-T1	T3-T2
6-1 Rate of Awareness of Indigents directives		0.078	0.069	0.062	0.083	0.063	0.112	0.000	0.623	1.000	1.000	1.000
6-2 Rate of compliance regarding Indigents		0.577	0.556	0.500	0.571	0.600	0.625	0.414	0.894	1.000	1.000	1.000
Share of non-compliance regarding Indigents directives explained by:	6-3 Absence of criteria	0.250	0.214	0.200	0.286	0.000	0.333	0.315	0.735	1.000	1.000	1.000
	6-4 Lack of resources	0.429	0.400	0.500	0.286	0.500	0.500	0.458	0.746	1.000	1.000	1.000
	6-5 Difficulties to identify Indigents	0.150	0.214	0.200	0.286	0.000	0.000	0.082	0.735	1.000	1.000	1.000
	6-6 Absence of Indigents	0.150	0.214	0.200	0.286	0.000	0.000	0.082	0.735	1.000	1.000	1.000
	6-7 Considered useless	-	-	-	-	-	-	-	-	-	-	-
	6-8 Other reasons	0.316	0.308	0.000	0.286	1.000	0.333	0.851	0.037	0.767	0.036	0.120
6-9 Rate of Awareness of full exemption directives regarding delivery of indigent women		0.231	0.193	0.202	0.206	0.168	0.371	0.000	0.581	1.000	1.000	1.000
6-10 Rate of compliance regarding delivery subsidies directives		0.903	0.862	0.896	0.810	0.879	0.984	0.000	0.476	0.725	1.000	1.000
Share of non-compliance regarding Indigents directives explained by:	6-11 Absence of criteria	0.188	0.133	0.000	0.333	0.000	1.000	0.000	0.207	0.374	1.000	0.442
	6-12 Lack of resources	0.313	0.333	0.200	0.500	0.250	0.000	0.019	0.587	1.000	1.000	1.000
	6-13 Difficulties to identify Indigents	0.250	0.200	0.200	0.167	0.250	1.000	0.000	0.959	1.000	1.000	1.000
	6-14 Absence of Indigents	0.250	0.200	0.000	0.333	0.250	1.000	0.000	0.428	0.633	1.000	1.000
	6-15 Considered useless	0.063	0.067	0.000	0.167	0.000	0.000	0.334	0.507	0.951	1.000	1.000
	6-16 Other reasons	0.438	0.467	0.600	0.500	0.250	0.000	0.004	0.623	1.000	1.000	1.000
Preferred Indigents selection method	6-17 nurses at the health center (CSPS)	0.172	0.156	0.151	0.179	0.138	0.229	0.000	0.512	1.000	1.000	0.779
	6-18 community-based in villages	0.327	0.355	0.345	0.383	0.339	0.224	0.000	0.600	1.000	1.000	1.000
	6-19 COGES	0.198	0.175	0.168	0.189	0.169	0.282	0.000	0.821	1.000	1.000	1.000
	6-20 state social workers	0.203	0.204	0.235	0.154	0.217	0.200	0.812	0.096	0.107	1.000	0.373
	6-21 municipality	0.100	0.110	0.101	0.095	0.138	0.065	0.000	0.340	1.000	0.687	0.525
Proportion of population to be exempted	6-22 Share preferring 1%	0.085	0.078	0.053	0.089	0.099	0.108	0.008	0.183	0.513	0.256	1.000
	6-23 Share preferring 5%	0.220	0.237	0.211	0.230	0.275	0.162	0.000	0.318	1.000	0.406	0.943
	6-24 Share preferring 10%	0.322	0.323	0.352	0.319	0.291	0.317	0.755	0.418	1.000	0.568	1.000
	6-25 Share preferring 20%	0.160	0.153	0.145	0.168	0.148	0.186	0.029	0.802	1.000	1.000	1.000

	6-26 Share preferring 25%	0.213	0.208	0.238	0.194	0.187	0.228	0.247	0.376	0.807	0.621	1.000
Preferred subscription method	6-27 equal amount	0.140	0.122	0.101	0.165	0.101	0.207	0.000	0.075	0.127	1.000	0.162
	6-28 proportional amount	0.160	0.166	0.186	0.140	0.170	0.136	0.043	0.438	0.608	1.000	1.000
	6-29 proportional amount with exemption for indigents	0.307	0.322	0.333	0.310	0.319	0.254	0.000	0.871	1.000	1.000	1.000
	6-30 progressive amount	0.393	0.390	0.380	0.385	0.410	0.402	0.540	0.808	1.000	1.000	1.000
Who should manage the health coverage (subscription) BEST manager option: share preferring	6-31 Village members	0.033	0.029	0.013	0.030	0.048	0.048	0.004	0.096	0.824	0.093	0.892
	6-32 NGO	0.130	0.130	0.113	0.136	0.144	0.132	0.874	0.625	1.000	1.000	1.000
	6-33 Community-based health insurance	0.307	0.298	0.324	0.286	0.277	0.341	0.017	0.528	1.000	0.882	1.000
	6-34 Municipality	0.107	0.109	0.126	0.106	0.090	0.102	0.574	0.496	1.000	0.726	1.000
	6-35 COGES	0.217	0.213	0.185	0.261	0.197	0.234	0.206	0.123	0.156	1.000	0.364
	6-36 The State	0.206	0.222	0.239	0.181	0.245	0.144	0.000	0.233	0.429	1.000	0.396
Who should manage the health coverage (subscription) WORST manager option: share preferring	6-37 Village members	0.552	0.560	0.562	0.551	0.568	0.521	0.052	0.946	1.000	1.000	1.000
	6-38 NGO	0.054	0.050	0.056	0.046	0.049	0.067	0.068	0.890	1.000	1.000	1.000
	6-39 Community-based health insurance	0.018	0.013	0.009	0.015	0.016	0.036	0.000	0.748	1.000	1.000	1.000
	6-40 Municipality	0.1902	0.197	0.223	0.199	0.162	0.164	0.038	0.297	1.000	0.360	1.000
	6-41 COGES	0.090	0.086	0.077	0.087	0.097	0.103	0.141	0.770	1.000	1.000	1.000
	6-42 The State	0.096	0.093	0.073	0.102	0.108	0.109	0.166	0.407	0.906	0.659	1.000
Targeted population – Health coverage BEST target population: share mentioning	6-43 Under 5 children	0.531	0.523	0.550	0.517	0.495	0.562	0.051	0.511	1.000	0.761	1.000
	6-44 Pregnant women	0.121	0.107	0.097	0.085	0.144	0.172	0.000	0.138	1.000	0.358	0.180
	6-45 Above 60 year old people	0.059	0.057	0.063	0.030	0.080	0.065	0.410	0.096	0.410	1.000	0.104
	6-46 Indigents	0.236	0.257	0.231	0.308	0.234	0.160	0.000	0.126	0.194	1.000	0.280
	6-47 Productive-age men	0.008	0.006	0.004	0.005	0.011	0.012	0.087	0.679	1.000	1.000	1.000
	6-48 Facility staff	0.044	0.048	0.050	0.055	0.037	0.030	0.033	0.703	1.000	1.000	1.000
Targeted population – Health coverage WORST target population: share mentioning	6-50 Under 5 children	0.048	0.042	0.042	0.030	0.053	0.072	0.000	0.520	1.000	1.000	0.760
	6-51 Pregnant women	0.043	0.030	0.013	0.050	0.032	0.090	0.000	0.075	0.069	0.743	0.897
	6-52 Above 60 year old people	0.054	0.045	0.025	0.060	0.053	0.090	0.000	0.171	0.238	0.495	1.000
	6-53 Indigents	0.034	0.021	0.021	0.025	0.016	0.084	0.000	0.823	1.000	1.000	1.000
	6-54 Productive-age men	0.654	0.697	0.751	0.693	0.631	0.497	0.000	0.028	0.575	0.023	0.544
	6-55 Facility staff	0.161	0.161	0.139	0.136	0.214	0.162	0.937	0.059	1.000	0.113	0.109

* Intervention (all arms combined) vs. control / **intervention arms only (T1 vs. T2 vs. T3 vs. T4)

4. Key indicators by district

Districts	6-1: Number of health agents aware of indigents directives		6-9: Number of health agents aware of full exemption directives regarding delivery of indigent women		6-22: Number of health workers preferring selection of 1% of the population to be fully exempted		6-23: Number of health workers preferring selection of 5% of the population to be fully exempted		6-24: Number of health workers preferring selection of 10% of the population to be fully exempted	
	%	n	%	n	%	n	%	n	%	n
BOROMO	8.3	24	54.2	24	4.2	24	16.7	24	20.8	24
NOUNA	27.1	85	50.6	85	2.4	85	17.6	85	45.9	85
SOLENZO	9.4	106	24.0	104	2.9	103	23.3	103	27.2	103
TOMA	0.0	29	51.7	29	0.0	29	37.9	29	20.7	29
MANGA	9.1	22	0.0	22	4.5	22	31.8	22	36.4	22
OUARGAYE	34.9	43	32.6	43	19.0	42	26.2	42	45.2	42
TENKODOGO	8.0	50	16.0	50	6.5	46	21.7	46	30.4	46
ZABRE	0.0	5	0.0	5	0.0	4	25.0	4	0.0	4
BARSALGHO	0.0	14	42.9	14	21.4	14	14.3	14	14.3	14
KAYA	2.4	164	7.3	164	8.2	158	23.4	158	42.4	158
KONGOUSSI	1.4	74	19.2	73	3.2	63	36.5	63	28.6	63
ZINIARE	10.9	46	34.8	46	15.6	45	13.3	45	33.3	45
BOUSSE	30.6	36	41.7	36	0.0	36	16.7	36	36.1	36
GOURCY	4.2	72	16.7	72	2.8	72	30.6	72	20.8	72
OUAHIGOUIYA	7.5	187	17.1	187	9.7	176	20.5	176	30.7	176
YAKO	2.9	35	60.0	35	17.1	35	14.3	35	37.1	35
BATIE	5.0	20	70.0	20	5.6	18	5.6	18	22.2	18
DANO	0.0	7	28.6	7	14.3	7	0.0	7	14.3	7
DIEBOUGOU	7.4	27	63.0	27	4.0	25	8.0	25	12.0	25
GAOUA	0.0	5	60.0	5	0.0	4	0.0	4	25.0	4
Total	9.3	1051	26.9	1048	7.0	1008	22.1	1008	32.2	1008

Key indicators by district (continued)

Districts	6-25: Number of health workers preferring selection of 20% of the population to be fully exempted		6-26: Number of health workers preferring selection of 25% of the population to be fully exempted		6-46: Number of health workers mentioning indigents as the best potential target for exemption	
	%	n	%	n	mean	n
BOROMO	25.0	24	33.3	24	8.3	24
NOUNA	15.3	85	18.8	85	17.6	85
SOLENZO	25.2	103	21.4	103	11.5	104
TOMA	3.4	29	37.9	29	13.8	29
MANGA	18.2	22	9.1	22	13.6	22
OUARGAYE	2.4	42	7.1	42	37.2	43
TENKODOGO	17.4	46	23.9	46	26.0	50
ZABRE	50.0	4	25.0	4	40.0	5
BARSALGHO	21.4	14	28.6	14	0.0	14
KAYA	13.9	158	12.0	158	29.9	164
KONGOUSSI	11.1	63	20.6	63	22.7	66
ZINIARE	17.8	45	20.0	45	17.8	45
BOUSSE	16.7	36	30.6	36	19.4	36
GOURCY	16.7	72	29.2	72	18.1	72
OUAHIGOUYA	14.8	176	24.4	176	25.3	186
YAKO	14.3	35	17.1	35	11.4	35
BATIE	38.9	18	27.8	18	25.0	20
DANO	28.6	7	42.9	7	28.6	7
DIEBOUGOU	36.0	25	40.0	25	11.5	26
GAOUA	25.0	4	50.0	4	20.0	5
Total	16.8	1008	21.8	1008	21.3	1038

WP7: Community health workers

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1. Key indicator table

Background characteristics	7-1: Financial motivation (0=No, 1= Yes)		7-2: Incentives and salary top-up payments (0=No, 1= Yes)	
	7-1: CHW that receive financial motivation		7-2: CHW that receive salary top-ups / incentives	
Zone of residence	%	n	%	n
<i>Urban</i>	3.3	61	20.6	63
<i>Rural</i>	3.0	1,031	15.7	1,035
Region				
<i>Boucle du Mouhoun</i>	8.0	224	4.0	224
<i>Centre Est</i>	1.7	180	3.9	181
<i>Centre Nord</i>	1.7	291	34.9	295
<i>Nord</i>	2.0	305	11.5	305
<i>Sud Ouest</i>	1.0	96	21.6	97
Total	3.0	1,096	15.9	1,102
Study zone				
<i>Interventions</i>				
- <i>T1</i>	3.8	319	15.0	320
- <i>T2</i>	1.3	227	21.5	228
- <i>T3</i>	1.4	221	25.0	224
- <i>T4</i>	9.9	91	3.3	91
<i>Control</i>	2.5	238	7.9	239
Total	3.0	1,096	15.9	1,102

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.3: Workload (during the last month)								
	7-3a: Number of contacts with households (last month)			7-3b: Number of sensitization meetings organized (last month)			7-3c: Number of children accompanied for treatment at health facilities (last month)		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n
<i>Urban</i>	14.5	29.1	52	2.1	1.6	62	4.6	7.9	61
<i>Rural</i>	11.7	21.3	940	2.4	1.7	1,012	3.5	4.6	1,006
Region									
<i>Boucle du Mouhoun</i>	9.2	12.8	220	2.5	2.2	213	4.2	5.1	221
<i>Centre Est</i>	21.3	37.0	128	2.0	1.2	179	4.6	5.9	170
<i>Centre Nord</i>	10.2	17.5	277	1.9	1.3	288	2.5	3.2	289
<i>Nord</i>	11.4	18.5	285	2.8	1.5	304	3.6	5.4	303
<i>Sud Ouest</i>	11.5	27.2	85	2.6	2.1	94	4.1	4.3	87
Total	11.9	21.7	995	2.3	1.7	1,078	3.6	4.9	1,070
Study zone									
<i>Intervention</i>									
- <i>T1</i>	11.9	18.6	286	2.4	1.6	314	4.1	5.1	307
- <i>T2</i>	14.5	27.8	205	2.4	1.3	226	3.8	5.3	226
- <i>T3</i>	12.0	27.7	192	2.2	1.5	217	3.1	4.4	215
- <i>T4</i>	7.9	10.0	90	2.7	2.1	85	4.1	4.1	89
<i>Control</i>	10.8	15.5	222	2.2	2.1	236	3.1	4.7	233
Total	11.9	21.7	995	2.3	1.7	1,078	3.6	4.9	1,070

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.3: Workload (during the last month)								
	7-3d: Number of women accompanied to ANC (last month)			7-3e: Number of women accompanied to delivery in health facilities (last month)			7-3f: Number of patients for treatment (last month)		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n
<i>Urban</i>	3.0	8.2	61	1.2	2.1	62	13.4	16.8	63
<i>Rural</i>	2.3	3.9	1,009	1.6	2.8	1,009	7.9	10.7	1,035
Region									
<i>Boucle du Mouhoun</i>	3.1	5.3	222	1.8	3.3	221	7.0	9.4	224
<i>Centre Est</i>	2.5	3.5	175	1.6	2.2	173	4.6	10.6	181
<i>Centre Nord</i>	1.6	4.5	289	1.4	2.8	291	10.2	13.0	295
<i>Nord</i>	2.3	3.5	305	1.6	2.8	305	10.5	11.1	305
<i>Sud Ouest</i>	3.5	4.1	83	1.7	2.6	85	4.4	6.9	97
Total	2.4	4.3	1,074	1.6	2.8	1,075	8.2	11.2	1,102
Study zone									
<i>Intervention</i>									
- <i>T1</i>	2.5	4.2	310	1.6	2.9	309	9.0	12.0	320
- <i>T2</i>	2.5	3.8	223	1.9	3.6	225	9.8	11.4	228
- <i>T3</i>	2.2	5.2	216	1.5	2.4	218	8.9	12.0	224
- <i>T4</i>	3.8	5.6	90	2.2	2.8	90	7.6	9.9	91
<i>Control</i>	1.9	3.1	235	1.2	2.0	233	5.3	9.0	239
Total	2.4	4.3	1,074	1.6	2.8	1,075	8.2	11.2	1,102

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

2. Cross table all indicators

Background characteristics	7-1: Financial motivation (0=No, 1= Yes)		7-2: Incentives and salary top-up payments (0=No, 1= Yes)		7-4: Performance evaluation by health facilities (0=No, 1= Yes)			
	7-1: CHW that receive financial motivation		7-2: CHW that receive salary top-ups / incentives		7-4a: CHW for whom the health facility is responsible for performance evaluation		7-4b: Performance evaluation by health facility (last year)	
Zone of residence	%	n	%	n	%	N	%	n
<i>Urban</i>	3.3	61	20.6	63	94.9	59	93.2	59
<i>Rural</i>	3.0	1,031	15.7	1,035	89.9	975	87.9	968
Region								
<i>Boucle du Mouhoun</i>	8.0	224	4.0	224	73.7	205	73.2	205
<i>Centre Est</i>	1.7	180	3.9	181	93.1	173	87.5	168
<i>Centre Nord</i>	1.7	291	34.9	295	94.4	269	93.3	268
<i>Nord</i>	2.0	305	11.5	305	94.0	298	93.6	298
<i>Sud Ouest</i>	1.0	96	21.6	97	97.8	93	91.3	92
Total	3.0	1,096	15.9	1,102	90.3	1,038	88.3	1,031
Study zone								
<i>Interventions</i>								
- <i>T1</i>	3.8	319	15.0	320	90.4	302	88.1	302
- <i>T2</i>	1.3	227	21.5	228	94.5	220	92.6	217
- <i>T3</i>	1.4	221	25.0	224	97.7	216	96.2	212
- <i>T4</i>	9.9	91	3.3	91	75.0	84	73.8	84
<i>Control</i>	2.5	238	7.9	239	84.3	216	81.9	216
Total	3.0	1,096	15.9	1,102	90.3	1,038	88.3	1,031

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.3: Workload (during the last month)								
	7-3a: Number of contacts with households (last month)			7-3b: Number of sensitization meetings organized (last month)			7-3c: Number of children accompanied for treatment at health facilities (last month)		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n
<i>Urban</i>	14.5	29.1	52	2.1	1.6	62	4.6	7.9	61
<i>Rural</i>	11.7	21.3	940	2.4	1.7	1,012	3.5	4.6	1,006
Region									
<i>Boucle du Mouhoun</i>	9.2	12.8	220	2.5	2.2	213	4.2	5.1	221
<i>Centre Est</i>	21.3	37.0	128	2.0	1.2	179	4.6	5.9	170
<i>Centre Nord</i>	10.2	17.5	277	1.9	1.3	288	2.5	3.2	289
<i>Nord</i>	11.4	18.5	285	2.8	1.5	304	3.6	5.4	303
<i>Sud Ouest</i>	11.5	27.2	85	2.6	2.1	94	4.1	4.3	87
Total	11.9	21.7	995	2.3	1.7	1,078	3.6	4.9	1,070
Study zone									
<i>Intervention</i>									
- <i>T1</i>	11.9	18.6	286	2.4	1.6	314	4.1	5.1	307
- <i>T2</i>	14.5	27.8	205	2.4	1.3	226	3.8	5.3	226
- <i>T3</i>	12.0	27.7	192	2.2	1.5	217	3.1	4.4	215
- <i>T4</i>	7.9	10.0	90	2.7	2.1	85	4.1	4.1	89
<i>Control</i>	10.8	15.5	222	2.2	2.1	236	3.1	4.7	233
Total	11.9	21.7	995	2.3	1.7	1,078	3.6	4.9	1,070

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.3: Workload (during the last month)								
	7-3d: Number of women accompanied to ANC (last month)			7-3e: Number of women accompanied to delivery in health facilities (last month)			7-3f: Number of patients for treatment (last month)		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n
<i>Urban</i>	3.0	8.2	61	1.2	2.1	62	13.4	16.8	63
<i>Rural</i>	2.3	3.9	1,009	1.6	2.8	1,009	7.9	10.7	1,035
Region									
<i>Boucle du Mouhoun</i>	3.1	5.3	222	1.8	3.3	221	7.0	9.4	224
<i>Centre Est</i>	2.5	3.5	175	1.6	2.2	173	4.6	10.6	181
<i>Centre Nord</i>	1.6	4.5	289	1.4	2.8	291	10.2	13.0	295
<i>Nord</i>	2.3	3.5	305	1.6	2.8	305	10.5	11.1	305
<i>Sud Ouest</i>	3.5	4.1	83	1.7	2.6	85	4.4	6.9	97
Total	2.4	4.3	1,074	1.6	2.8	1075	8.2	11.2	1,102
Study zone									
<i>Intervention</i>									
- <i>T1</i>	2.5	4.2	310	1.6	2.9	309	9.0	12.0	320
- <i>T2</i>	2.5	3.8	223	1.9	3.6	225	9.8	11.4	228
- <i>T3</i>	2.2	5.2	216	1.5	2.4	218	8.9	12.0	224
- <i>T4</i>	3.8	5.6	90	2.2	2.8	90	7.6	9.9	91
<i>Control</i>	1.9	3.1	235	1.2	2.0	233	5.3	9.0	239
Total	2.4	4.3	1,074	1.6	2.8	1075	8.2	11.2	1,102

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.5: Training levels (0=No, 1= Yes)									
	7-5a: CHW having received training for child illnesses (last year)		7-5b: CHW having received training for family planning (last year)		7-5c: CHW having received training for ANC and PNC (last year)		7-5d: CHW having received training for sending women to hf for delivery or pregnancy complications (last year)		7-5e: CHW having received training for vaccinations (last year)	
Zone of residence	%	n	%	n	%	N	%	n	%	n
<i>Urban</i>	32.8	61	19.4	62	8.2	61	14.5	62	33.9	62
<i>Rural</i>	27.3	1,029	13.6	1,032	7.3	1031	15.0	1,032	28.2	1,033
Region										
<i>Boucle du Mouhoun</i>	28.7	223	9.8	224	4.9	223	8.9	224	24.6	224
<i>Centre Est</i>	30.9	181	20.4	181	15.0	180	30.9	181	31.5	181
<i>Centre Nord</i>	29.4	289	13.4	292	3.8	292	11.3	292	15.4	292
<i>Nord</i>	29.2	305	16.1	305	8.5	305	14.1	305	42.3	305
<i>Sud Ouest</i>	8.3	96	6.3	96	5.2	96	12.5	96	27.8	97
Total	27.6	1,094	13.9	1,098	7.3	1096	14.9	1,098	28.5	1,099
Study zone										
<i>Intervention</i>										
- <i>T1</i>	25.1	319	12.5	320	7.8	320	15.3	320	32.8	320
- <i>T2</i>	28.6	227	13.2	227	8.4	227	15.4	227	28.1	228
- <i>T3</i>	27.7	220	12.2	221	5.5	220	14.0	221	25.8	221
- <i>T4</i>	25.6	90	7.7	91	4.4	90	11.0	91	19.8	91
<i>Control</i>	30.7	238	20.5	239	8.4	239	16.3	239	28.9	239
Total	27.6	1,094	13.9	1,098	7.3	1096	14.9	1,098	28.5	1,099

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.6: Satisfaction (0 = not satisfied at all, 10 = completely satisfied)											
	7-6a: Satisfaction with working relationship with health care personnel			7-6b: Satisfaction with relationship with the community			7-6c: Satisfaction with working conditions			7-6d: Satisfaction with materials and drugs		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
Urban	8.3	2.1	61	8.2	1.5	61	6.3	1.6	60	4.4	2.2	57
Rural	8.9	1.5	1,025	8.5	1.5	1,028	6.5	1.9	1,026	4.2	2.8	954
Region												
Boucle du Mouhoun	9.0	1.5	220	9.0	1.3	223	6.8	1.5	222	3.4	2.4	200
Centre Est	9.3	1.1	181	8.5	1.5	181	6.1	2.3	181	3.1	3.1	143
Centre Nord	9.1	1.5	290	8.7	1.5	290	6.8	1.9	290	5.2	2.9	282
Nord	8.8	1.5	305	8.4	1.5	305	6.4	1.7	305	4.3	2.2	303
Sud Ouest	7.2	2.2	94	7.2	1.7	94	5.7	1.9	92	4.1	2.4	86
Total	8.8	1.6	1,090	8.5	1.5	1,093	6.5	1.9	1,090	4.2	2.7	1,014
Study zone												
Intervention												
- T1	9.0	1.5	320	8.7	1.5	320	6.8	1.7	319	4.3	2.7	296
- T2	8.8	1.7	227	8.4	1.6	227	6.3	1.8	227	4.3	2.7	210
- T3	8.9	1.6	219	8.6	1.5	219	6.9	2.1	218	4.8	2.8	199
- T4	9.0	1.4	87	9.1	1.0	90	7.1	1.3	89	3.8	2.4	77
Control	8.6	1.7	237	8.1	1.7	237	5.6	1.8	237	3.6	2.7	232
Total	8.8	1.6	1,090	8.5	1.5	1,093	6.5	1.9	1,090	4.2	2.7	1,014

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.6: Satisfaction (0 = not satisfied at all, 10 = completely satisfied)								
	7-6e: Satisfaction with possibilities for professional development			7-6f: Satisfaction with supervision and recognition			7-6g: Satisfaction with salary and incentives		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n
<i>Urban</i>	7.0	2.5	61	8.6	1.6	60	2.2	2.0	54
<i>Rural</i>	6.9	2.4	1,010	8.6	2.0	1,006	2.3	1.8	926
Region									
<i>Boucle du Mouhoun</i>	6.9	1.8	222	8.7	1.8	211	1.7	1.2	216
<i>Centre Est</i>	6.9	3.1	169	9.2	1.6	178	2.3	2.0	135
<i>Centre Nord</i>	6.8	2.3	288	8.7	2.1	289	2.8	2.1	282
<i>Nord</i>	7.3	2.5	305	8.4	2.1	304	2.4	1.6	287
<i>Sud Ouest</i>	6.1	2.4	91	7.8	1.6	88	1.9	1.7	63
Total	6.9	2.4	1,075	8.6	2.0	1,070	2.3	1.8	983
Study zone									
<i>Intervention</i>									
- <i>T1</i>	7.3	2.4	315	8.9	1.7	309	2.2	1.8	287
- <i>T2</i>	6.6	2.6	223	8.5	2.2	223	2.4	1.9	198
- <i>T3</i>	7.1	2.4	211	8.8	1.6	218	2.7	2.0	196
- <i>T4</i>	7.1	1.7	89	8.9	1.5	86	1.5	1.1	87
<i>Control</i>	6.5	2.5	237	8.1	2.4	234	2.2	1.7	215
Total	6.9	2.4	1,075	8.6	2.0	1,070	2.3	1.8	983

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.7: Motivation (0 = very low level, 10 = very high level)								
	7-7a: Motivational strength: Degree to which CHWs feel motivated to give their most in their job			7-7b: Intrinsic job interest: Degree to which CHWs enjoy their job and find it interesting			7-7c: Turnover intentions: Degree to which CHWs feel like quitting their job as CHW		
Zone of residence	mean	sd	n	mean	sd	n	mean	sd	n
Urban	7.4	2.8	61	9.3	0.9	61	2.8	3.2	61
Rural	7.6	2.7	1,025	9.4	1.0	1,027	2.1	2.7	1,026
Region									
Boucle du Mouhoun	7.4	2.6	223	9.6	0.9	223	2.0	2.6	223
Centre Est	8.1	2.1	179	9.6	0.7	181	1.2	1.9	181
Centre Nord	7.7	2.9	290	9.4	1.0	290	1.8	2.5	290
Nord	7.9	2.5	305	9.4	0.9	305	3.0	3.0	305
Sud Ouest	5.4	3.0	93	8.5	1.2	93	2.8	3.0	92
Total	7.6	2.7	1,090	9.4	1.0	1,092	2.2	2.7	1,091
Study zone									
Intervention									
- T1	7.7	2.7	319	9.4	0.9	320	2.0	2.6	320
- T2	7.7	2.5	227	9.3	1.0	227	2.2	2.7	226
- T3	8.0	2.2	218	9.4	1.0	219	2.0	2.5	219
- T4	7.4	2.4	90	9.7	0.7	90	1.7	2.3	90
Control	6.8	3.2	236	9.3	1.0	236	2.6	3.1	236
Total	7.6	2.7	1,090	9.4	1.0	1,092	2.2	2.7	1,091

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

Background characteristics	7.8: Presence at work						7.9: Other occupation (0=No, 1= Yes)		7.10: Perceived quality of CHW services*		
	7.8a: Average weekly number of hours of work dry season (self-reported)			7.8b: Average weekly number of hours of work rainy season (self-reported)			7.9: CHW with additional other occupation		7.10: Average combined scale score on satisfaction with CHW (overall score) (1 = very low level, 4 = very high level)		
Zone of residence	mean	sd	n	mean	sd	n	%	n	mean	sd	n
Urban	26.1	35.8	47	20.9	35.3	47	88.7	62	2.8	0.4	203
Rural	23.7	27.9	699	17.8	23.7	705	97.5	1,019	2.9	0.4	2,581
Region											
Boucle du Mouhoun	14.9	15.5	161	10.5	13.8	161	98.6	220	2.9	0.4	711
Centre Est	22.7	28.7	67	17.1	26.7	67	97.8	180	2.8	0.3	640
Centre Nord	24.7	30.6	212	15.7	16.2	219	98.6	289	2.9	0.4	903
Nord	26.7	29.4	257	21.7	27.8	260	93.7	300	2.9	0.4	420
Sud Ouest	35.3	36.5	52	34.2	44.7	48	96.9	96	3.0	0.3	110
Total	23.8	28.4	749	18.0	24.6	755	97.0	1,085	2.9	0.4	2,784
Study zone											
Intervention											
- T1	24.4	31.6	216	17.4	25.9	219	96.8	311	2.9	0.3	842
- T2	22.9	25.7	147	18.9	23.5	154	96.9	227	2.8	0.4	566
- T3	28.1	33.5	137	20.4	27.6	136	98.2	221	2.9	0.3	553
- T4	12.3	17.3	55	8.2	10.7	54	98.9	88	2.8	0.4	339
Control	24.2	24.2	194	18.9	23.9	192	95.4	238	2.9	0.5	484
Total	23.8	28.4	749	18.0	24.6	755	97.0	1,085	2.9	0.4	2,784

Note: The level of health facility was dropped for CHW, as they do not work at secondary level facilities.

* The indicator 7.10. was calculated using the household survey data set.

3. Balance tables

3.1. Balance table : all regions together

Indicators	Mean							t-test*	F-test**	p (F-test)					
	Total	Total int	T1	T2	T3	T4	C	p-value	p-value	T2-T1	T3-T1	T4-T1	T3-T2	T4-T2	T4-T3
7-1: CHW that receive salary	0.030	0.031	0.038	0.013	0.014	0.099	0.025	0.294	0.000	0.629	0.677	0.018	1.000	0.000	0.000
7-2: CHW that receive salary top-ups / incentives	0.159	0.181	0.150	0.215	0.250	0.033	0.079	0.000	0.000	0.295	0.016	0.058	1.000	0.001	0.000
7-3a: Number of contacts with households (last month)	11.864	12.168	11.909	14.537	12.026	7.900	10.806	0.103	0.155	1.000	1.000	0.913	1.000	0.142	0.979
7-3b: Number of sensitization meetings organized (last month)	2.341	2.381	2.404	2.425	2.166	2.729	2.199	0.001	0.033	1.000	0.484	0.514	0.469	0.729	0.027
7-3c: Number of children accompanied for treatment at health facilities (last month)	3.608	3.762	4.091	3.752	3.149	4.135	3.056	0.000	0.154	1.000	0.186	1.000	1.000	1.000	0.666
7-3d: Number of women accompanied to ANC (last month)	2.401	2.555	2.490	2.498	2.208	3.756	1.851	0.000	0.053	1.000	1.000	0.118	1.000	0.156	0.039
7-3e: Number of women accompanied to delivery in health facilities (last month)	1.600	1.711	1.579	1.902	1.509	2.178	1.197	0.000	0.191	1.000	1.000	0.560	0.988	1.000	0.439
7-3f: Number of patients for treatment (last month)	8.204	9.016	8.963	9.750	8.915	7.615	5.272	0.000	0.522	1.000	1.000	1.000	1.000	0.836	1.000

Annex III: Indicators: Cross- and balance tables

7-4a: CHW for whom the health facility is responsible for performance evaluation	0.903	0.918	0.904	0.945	0.977	0.750	0.843	0.000	0.000	0.478	0.013	0.000	1.000	0.000	0.000
7-4b: Performance evaluation by health facility (last year)	0.883	0.899	0.881	0.926	0.962	0.738	0.819	0.000	0.000	0.500	0.013	0.001	1.000	0.000	0.000
7-5a: CHW having received training for child illnesses (last year)	0.276	0.268	0.251	0.286	0.277	0.256	0.307	0.010	0.793	1.000	1.000	1.000	1.000	1.000	1.000
7-5b: CHW having received training for family planning (last year)	0.139	0.121	0.125	0.132	0.122	0.077	0.205	0.000	0.578	1.000	1.000	1.000	1.000	1.000	1.000
7-5c: CHW having received training for ANC and PNC (last year)	0.073	0.070	0.078	0.084	0.055	0.044	0.084	0.117	0.443	1.000	1.000	1.000	1.000	1.000	1.000
7-5d: CHW having received training for sending women to hf for delivery or pregnancy complications (last year)	0.149	0.146	0.153	0.154	0.140	0.110	0.163	0.143	0.739	1.000	1.000	1.000	1.000	1.000	1.000
7-5e: CHW having received training for vaccinations (last year)	0.285	0.284	0.328	0.281	0.258	0.198	0.289	0.746	0.067	1.000	0.449	0.090	1.000	0.826	1.000
7-6a: Satisfaction with working relationship with health care personnel	8.849	8.913	9.004	8.765	8.892	9.023	8.616	0.000	0.306	0.463	1.000	1.000	1.000	1.000	1.000
7-6b: Satisfaction with relationship with the community	8.524	8.644	8.741	8.409	8.564	9.089	8.090	0.000	0.001	0.055	1.000	0.284	1.000	0.001	0.026
7-6c: Satisfaction with working conditions	6.462	6.700	6.758	6.327	6.851	7.070	5.604	0.000	0.002	0.035	1.000	0.888	0.013	0.006	1.000
7-6d: Satisfaction with materials and drugs	4.198	4.361	4.251	4.329	4.784	3.775	3.649	0.000	0.029	1.000	0.188	1.000	0.534	0.740	0.033

Annex III: Indicators: Cross- and balance tables

7-6e Satisfaction with possibilities for professional development	6.946	7.060	7.303	6.614	7.142	7.127	6.539	0.000	0.011	0.006	1.000	1.000	0.133	0.530	1.000
7-6f Satisfaction with supervision and recognition	8.632	8.784	8.927	8.518	8.826	8.855	8.090	0.000	0.068	0.057	1.000	1.000	0.429	0.834	1.000
7-6g Satisfaction with salary and incentives	2.283	2.315	2.195	2.424	2.725	1.537	2.168	0.029	0.000	1.000	0.011	0.020	0.617	0.001	0.000
7-7a : Motivational strength	7.561	7.763	7.749	7.744	7.972	7.356	6.831	0.000	0.264	1.000	1.000	1.000	1.000	1.000	0.288
7-7b : Intrinsic job interest	9.391	9.409	9.430	9.308	9.371	9.685	9.326	0.010	0.013	0.817	1.000	0.146	1.000	0.009	0.050
7-7c : Turnover intentions	2.155	2.020	1.997	2.230	1.963	1.711	2.644	0.000	0.411	1.000	1.000	1.000	1.000	0.656	1.000
7-8a: Average weekly number of hours of work dry season (self-reported)	23.833	23.688	24.370	22.857	28.058	12.345	24.247	0.658	0.010	1.000	1.000	0.043	0.828	0.147	0.005
7-8b: Average weekly number of hours of work rainy season (self-reported)	17.971	17.647	17.384	18.877	20.412	8.241	18.922	0.223	0.019	1.000	1.000	0.090	1.000	0.039	0.013
7-9: CHW with additional other occupation	0.970	0.974	0.968	0.969	0.982	0.989	0.954	0.000	0.581	1.000	1.000	1.000	1.000	1.000	1.000
7-10 Perceived quality of CHW services	2.874	2.863	2.879	2.850	2.876	2.822	2.926	0.000	0.036	0.655	1.000	0.053	1.000	1.000	0.129

* intervention (all arms combined) vs. control

** intervention arms only (difference between arms)

3.2. Balance table : Boucle Du Mouhoun

Indicators	Mean					t-test*	F-test **	p (F-test)
	Total	Total int	T1	T4	C	p-value	p-value	T4-T1
7-1: CHW that receive salary	0.080	0.105	0.113	0.099	0.000	0.000	0.774	0.774
7-2: CHW that receive salary top-ups / incentives	0.040	0.035	0.038	0.033	0.057	0.129	0.873	0.873
7-3a: Number of contacts with households (last month)	9.200	8.725	9.688	7.900	10.698	0.022	0.299	0.299
7-3b: Number of sensitization meetings organized (last month)	2.488	2.519	2.280	2.729	2.396	0.422	0.141	0.141
7-3c: Number of children accompanied for treatment at health facilities (last month)	4.186	4.655	5.241	4.135	2.698	0.000	0.198	0.198
7-3d: Number of women accompanied to ANC (last month)	3.054	3.544	3.304	3.756	1.491	0.000	0.618	0.618
7-3e: Number of women accompanied to delivery in health facilities (last month)	1.796	2.071	1.950	2.178	0.882	0.000	0.679	0.679
7-3f: Number of patients for treatment (last month)	7.036	6.725	5.713	7.615	8.038	0.066	0.182	0.182
7-4a: CHW for whom the health facility is responsible for performance evaluation	0.737	0.745	0.739	0.750	0.712	0.344	0.879	0.879
7-4b: Performance evaluation by health facility (last year)	0.732	0.739	0.739	0.738	0.712	0.450	0.989	0.989
7-5a: CHW having received training for child illnesses (last year)	0.287	0.271	0.288	0.256	0.340	0.045	0.642	0.642

7-5b: CHW having received training for family planning (last year)	0.098	0.088	0.100	0.077	0.132	0.042	0.597	0.597
7-5c: CHW having received training for ANC and PNC (last year)	0.049	0.059	0.075	0.044	0.019	0.029	0.401	0.401
7-5d: CHW having received training for sending women to hf for delivery or pregnancy complications (last year)	0.089	0.094	0.075	0.110	0.075	0.419	0.437	0.437
7-5e: CHW having received training for vaccinations (last year)	0.246	0.240	0.288	0.198	0.264	0.457	0.172	0.172
7-6a: Satisfaction with working relationship with health care personnel	8.982	8.996	8.967	9.023	8.937	0.598	0.802	0.802
7-6b: Satisfaction with relationship with the community	8.994	9.066	9.041	9.089	8.764	0.002	0.806	0.806
7-6c: Satisfaction with working conditions	6.825	7.055	7.038	7.070	6.091	0.000	0.877	0.877
7-6d: Satisfaction with materials and drugs	3.403	3.423	3.036	3.775	3.346	0.693	0.058	0.058
7-6e Satisfaction with possibilities for professional development	6.929	7.015	6.890	7.127	6.654	0.009	0.385	0.385
7-6f Satisfaction with supervision and recognition	8.735	8.794	8.722	8.855	8.557	0.082	0.628	0.628
7-6g Satisfaction with salary and incentives	1.679	1.579	1.628	1.537	1.987	0.000	0.612	0.612
7-7a : Motivational strength	7.395	7.406	7.463	7.356	7.358	0.804	0.780	0.780
7-7b : Intrinsic job interest	9.572	9.647	9.604	9.685	9.333	0.000	0.496	0.496
7-7c : Turnover intentions	2.036	1.659	1.600	1.711	3.245	0.000	0.753	0.753

7-8a: Average weekly number of hours of work dry season (self-reported)	14.882	12.170	12.000	12.345	21.082	0.000	0.899	0.899
7-8b: Average weekly number of hours of work rainy season (self-reported)	10.478	9.170	10.034	8.241	13.469	0.001	0.493	0.493
7-9: CHW with additional other occupation	0.986	0.994	1.000	0.989	0.962	0.000	0.345	0.345
7-10 Perceived quality of CHW services	2.883	2.827	2.833	2.822	3.286	0.000	0.685	0.685

* intervention (all arms combined) vs. control

** intervention arms only (difference between arms)

3.3. Balance table : Regions Centre Est, Centre Nord, Nord, and Sud-Ouest

Indicators	Mean						t-test*	F-test**	p (F-test)		
	Total	Total int	T1	T2	T3	C	p-value	p-value	T2-T1	T3-T1	T3-T2
7-1: CHW that receive salary	0.017	0.013	0.013	0.013	0.014	0.032	0.000	0.995	1.000	1.000	1.000
7-2: CHW that receive salary top-ups / incentives	0.189	0.217	0.188	0.215	0.250	0.086	0.000	0.264	1.000	0.309	1.000
7-3a: Number of contacts with households (last month)	12.621	13.117	12.727	14.537	12.026	10.840	0.028	0.595	1.000	1.000	0.980
7-3b: Number of sensitization meetings organized (last month)	2.305	2.349	2.444	2.425	2.166	2.142	0.000	0.078	1.000	0.122	0.179
7-3c: Number of children accompanied for treatment at health facilities (last month)	3.458	3.538	3.693	3.752	3.149	3.161	0.039	0.337	1.000	0.676	0.539
7-3d: Number of women accompanied to ANC (last month)	2.231	2.306	2.212	2.498	2.208	1.956	0.027	0.694	1.000	1.000	1.000
7-3e: Number of women accompanied to delivery in health facilities (last month)	1.549	1.621	1.450	1.902	1.509	1.286	0.002	0.177	0.257	1.000	0.421
7-3f: Number of patients for treatment (last month)	8.502	9.582	10.046	9.750	8.915	4.484	0.000	0.583	1.000	0.942	1.000
7-4a: CHW for whom the health facility is responsible for performance evaluation	0.944	0.958	0.953	0.945	0.977	0.884	0.000	0.231	1.000	0.611	0.306

7-4b: Performance evaluation by health facility (last year)	0.920	0.937	0.923	0.926	0.962	0.854	0.000	0.175	1.000	0.264	0.380
7-5a: CHW having received training for child illnesses (last year)	0.273	0.267	0.238	0.286	0.277	0.297	0.071	0.463	0.732	1.000	1.000
7-5b: CHW having received training for family planning (last year)	0.150	0.129	0.133	0.132	0.122	0.226	0.000	0.928	1.000	1.000	1.000
7-5c: CHW having received training for ANC and PNC (last year)	0.079	0.073	0.079	0.084	0.055	0.102	0.003	0.444	1.000	0.932	0.709
7-5d: CHW having received training for sending women to hf for delivery or pregnancy complications (last year)	0.165	0.158	0.179	0.154	0.140	0.188	0.033	0.510	1.000	0.763	1.000
7-5e: CHW having received training for vaccinations (last year)	0.295	0.295	0.342	0.281	0.258	0.296	0.951	0.123	0.445	0.147	1.000
7-6a: Satisfaction with working relationship with health care personnel	8.815	8.893	9.016	8.765	8.892	8.524	0.000	0.230	0.260	1.000	1.000
7-6b: Satisfaction with relationship with the community	8.404	8.540	8.641	8.409	8.564	7.896	0.000	0.240	0.289	1.000	0.834
7-6c: Satisfaction with working conditions	6.369	6.612	6.665	6.327	6.851	5.464	0.000	0.012	0.162	0.877	0.011
7-6d: Satisfaction with materials and drugs	4.393	4.578	4.627	4.329	4.784	3.739	0.000	0.232	0.772	1.000	0.281
7-6e Satisfaction with possibilities for professional development	6.950	7.072	7.444	6.614	7.142	6.506	0.000	0.002	0.001	0.627	0.090
7-6f Satisfaction with supervision and recognition	8.607	8.782	8.989	8.518	8.826	7.953	0.000	0.019	0.016	1.000	0.224

7-6g Satisfaction with salary and incentives	2.453	2.513	2.399	2.424	2.725	2.228	0.000	0.182	1.000	0.282	0.384
7-7a : Motivational strength	7.604	7.852	7.845	7.744	7.972	6.678	0.000	0.625	1.000	1.000	1.000
7-7b : Intrinsic job interest	9.345	9.351	9.372	9.308	9.371	9.323	0.468	0.724	1.000	1.000	1.000
7-7c : Turnover intentions	2.185	2.109	2.129	2.230	1.963	2.470	0.000	0.568	1.000	1.000	0.875
7-8a: Average weekly number of hours of work dry season (self-reported)	26.284	26.600	28.805	22.857	28.058	25.317	0.396	0.214	0.308	1.000	0.506
7-8b: Average weekly number of hours of work rainy season (self-reported)	20.002	19.752	20.031	18.877	20.412	20.790	0.405	0.874	1.000	1.000	1.000
7-9: CHW with additional other occupation	0.965	0.969	0.957	0.969	0.982	0.951	0.008	0.308	1.000	0.374	1.000
7-10 Perceived quality of CHW services	2.871	2.876	2.903	2.850	2.876	2.847	0.001	0.032	0.026	0.556	0.595

* intervention (all arms combined) vs. control

** intervention arms only (difference between arms)

4. Key indicators by district

Districts	7-1: CHW that receive financial motivation		7-2: CHW that receive salary top-ups / incentives		7-3a: Number of contacts with households (last month)			7-3b: Number of sensitization meetings organized (last month)		
	mean	n	mean	n	mean	sd	n	mean	sd	n
BOROMO	0.0	23	4.3	23	6.8	8.4	23	1.7	1.1	23
NOUNA	11.0	82	4.9	82	6.9	9.8	82	2.5	1.8	78
SOLENZO	10.1	89	2.2	89	10.5	11.9	85	2.6	2.1	82
TOMA	0.0	30	6.7	30	13.7	21.5	30	3.0	3.9	30
MANGA	11.1	27	3.7	27	9.3	12.3	25	2.4	1.2	27
OUARGAYE	0.0	80	6.3	80	28.8	54.0	44	1.9	1.1	78
TENKODOGO	0.0	65	0.0	66	21.6	27.1	51	1.9	1.1	66
ZABRE	0.0	8	12.5	8	15.0	16.3	8	3.0	1.8	8
BARSALGHO	0.0	8	0.0	8	7.6	4.6	8	2.1	1.0	8
KAYA	2.8	143	34.0	144	9.3	11.5	139	2.0	1.3	143
KONGOSSI	1.1	91	52.1	94	11.8	27.0	86	1.9	1.0	90
ZINIARE	0.0	49	10.2	49	10.8	10.0	44	1.7	1.7	47
BOUSSE	10.0	30	10.0	30	9.6	13.0	25	2.0	2.2	30
GOURCY	0.0	77	2.6	77	9.1	12.1	72	2.9	1.7	76
OUAHIGOUYA	1.9	161	17.4	161	12.7	21.3	153	3.0	1.3	161
YAKO	0.0	37	5.4	37	11.4	20.1	35	2.4	1.2	37
BATIE	0.0	30	20.0	30	20.4	43.7	26	3.0	2.4	29
DANO	0.0	12	0.0	12	18.3	26.7	12	2.3	1.3	12
DIEBOUGOU	2.5	40	27.5	40	4.2	4.6	35	2.4	1.9	39
GAOUA	0.0	14	26.7	15	6.9	9.1	12	2.4	2.5	14
Total	3.0	1,096	15.9	1,102	11.9	21.7	995	2.3	1.7	1,078

Districts	7-3c: Number of children accompanied for treatment at health facilities (last month)7-3c			7-3d: Number of women accompanied to ANC (last month)			7-3e: Number of women accompanied to delivery in health facilities (last month)			7-3f: Number of patients for treatment (last month)		
	mean	sd	n	mean	sd	n	mean	sd	n	mean	sd	n
BOROMO	2.8	3.5	23	0.5	1.2	23	0.5	1.1	23	7.1	9.3	23
NOUNA	4.1	3.7	82	3.8	5.4	82	2.0	2.4	82	8.7	9.2	82
SOLENZO	5.2	6.9	86	3.3	6.3	87	2.2	4.4	88	4.9	9.0	89
TOMA	2.6	2.5	30	2.2	2.9	30	1.2	1.9	28	8.8	10.4	30
MANGA	4.2	9.7	26	3.2	3.9	27	1.7	2.1	27	5.0	7.7	27
OUARGAYE	4.0	5.1	73	2.4	3.4	76	1.7	1.9	72	0.9	3.3	80
TENKODOGO	5.5	4.9	63	2.3	3.4	64	1.5	2.5	66	8.1	14.3	66
ZABRE	5.0	4.8	8	2.4	1.9	8	1.5	1.8	8	12.3	17.3	8
BARSALGHO	0.0	0.0	8	0.5	0.9	8	0.9	1.0	8	1.8	4.9	8
KAYA	1.6	2.3	144	0.9	2.0	143	1.0	1.9	144	8.8	11.4	144
KONGOSSI	3.7	3.8	90	2.9	7.2	90	2.0	4.0	91	16.7	15.7	94
ZINIARE	3.3	3.2	47	1.6	2.6	48	1.5	2.4	48	3.1	3.5	49
BOUSSE	3.6	6.3	30	1.9	2.9	30	0.9	2.0	30	6.9	16.0	30
GOURCY	2.4	3.1	76	1.8	2.6	77	1.2	2.7	77	7.8	7.4	77
OUAHIGOUYA	4.5	6.3	160	3.0	4.0	161	2.1	3.1	161	13.7	11.6	161
YAKO	2.1	2.3	37	0.9	2.2	37	0.9	1.8	37	4.9	4.2	37
BATIE	6.0	6.2	25	3.8	4.1	23	2.3	3.2	24	8.0	9.9	30
DANO	4.7	3.8	12	5.9	6.2	12	2.5	2.9	12	1.3	2.5	12
DIEBOUGOU	3.2	2.9	38	3.4	3.5	36	1.5	2.4	37	3.6	4.8	40
GAOUA	2.3	2.5	12	0.5	0.8	12	0.5	0.9	12	1.9	2.9	15
Total	3.6	4.9	1,070	2.4	4.3	1,074	1.6	2.8	1,075	8.2	11.2	1,102

Annex IV: Ex-post power calculations for the treatment groups of sub-study 1 and 2 at baseline

Sub-study 1: RBF & Equity – Ex-post power calculations for treatment group T3 at baseline

The assumptions for the power calculation include:

- i. Type I error ($\alpha=0.05$).
 - ii. Number of observations per cluster (n), cluster size, ranges between 0 and 18 (based on successful sample).
 - iii. Total number of clusters being included in treatment group T3 per block ($J=20$). (# of clusters=83/4 sites).
 - iv. Number of blocks ($K=4$).
 - v. Average prevalence rate of indicator in the treatment group.
 - vi. 95% plausible interval for the probability of success in the treatment group: (-0.10, +0.10).
- Assumed effect size variability is zero (ESU=0).
 - 95% plausible interval for the probability of success in the treatment group is of the same size as that of the control group.

Table Sub-study1 - Regions Centre-Est, Centre-Nord, Nord, Sud-Ouest: MDES at 80% power for treatment group T3

Indicator		Obs	Mean	Lowest level	Detectable effect
1-1	ANC coverage 1+ visit	1177	1.00	**n/a	
1-2	ANC coverage 4+ visits	1177	0.45	0.54	0.09
1-3	Timely ANC ($\leq 4m$)	1180	0.68	0.76	0.08
1-5	Tetanus Toxoid 2 coverage in pregnancy	1218	0.54	0.64	0.09
1-6	90 day iron supplementation in pregnancy	1159	0.57	0.66	0.09
1-7	Delivery in formal health facility	1208	0.91	0.98	0.07
1-11	Timely PNC (within 48 hours)	1205	0.06	0.16	0.10
1-12	Modern contraceptive prevalence	1570	0.12	0.20	0.08
1-13	Unmet need for FP (pregnant women)*	185	0.14	***n/a	
4-2	Timely initiation of breast-feeding	598	0.36	0.48	0.12
4-4	Exclusive breast-feeding 0-6 months	37	0.49	***n/a	

* Inverted scale (reduction is a positive effect).

** almost full coverage achieved in indicator 1-1, therefore no effect calculation possible.

Sub-study 2: RBF & CBHI & Equity – Ex-post power calculations for treatment group T4 at baseline

The assumptions for the power calculation include:

- i. Type I error ($\alpha=0.05$).
 - ii. Number of observations per cluster (n), cluster size, ranges between 1 and 17 (based on successful sample).
 - iii. Total number of clusters being included in the treatment group T4 in each block ($J=34$). (# of clusters=34/1 site)
 - iv. Number of blocks ($K=1$, one region).
 - v. Average prevalence rate of indicator in the treatment group.
 - vi. 95% plausible interval for the probability of success in the treatment group: (-0.10, +0.10).
- Assumed effect size variability is zero (ESU=0).
 - 95% plausible interval for the probability of success in the treatment group is of the same size as that of the control group.

Table Sub-study2 - Region Boucle du Mouhoun: MDES at 80% power for treatment group T4

Indicator	Obs	Mean	Lowest level	Detectable effect
1-1 ANC coverage 1+ visit	420	1.00	**n/a	
1-2 ANC coverage 4+ visits	420	0.50	0.66	0.15
1-3 Timely ANC ($\leq 4m$)	421	0.68	0.82	0.13
1-5 Tetanus Toxoid 2 coverage in pregnancy	447	0.64	0.78	0.13
1-6 90 day iron supplementation in pregnancy	375	0.39	0.55	0.16
1-7 Delivery in formal health facility	446	0.83	0.93	0.10
1-11 Timely PNC (within 48 hours)	445	0.04	0.20	0.15
1-12 Modern contraceptive prevalence	581	0.11	0.26	0.15
1-13 Unmet need for FP (pregnant women)*	72	0.15	***n/a	
4-2 Timely initiation of breast-feeding	205	0.36	0.57	0.21
4-4 Exclusive breast-feeding 0-6 months	22	0.59	***n/a	

* Inverted scale (reduction is a positive effect).

** almost full coverage achieved in indicator 1-1, therefore no effect calculation possible.

*** due to the small N in this indicator, a power of 0.80 is not achievable.

Annex V: French questionnaires and their English translation

Questionnaire C1

Variable Name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
Identifiant						
C1_SE	Section denumeration		Enumeration area number			
C1_NUMQ	Numero de menage		Household number			
Emplacement géographique			GPS Coordinates of dwelling			
C1_REGION	Region	Boucle du Mouhoun = 1, Centre Est = 2, Centre Nord = 3, Centre Ouest = 4, Nord = 5, Sud Ouest = 6	Region	Boucle of Mouhoun = 1, Centre East = 2, Centre North = 2, Centre West = 4, North = 5, South West = 6		
C1_ZE	Zone d'étude	Intervention = 1, Contrôle = 2	Study zone	Intervention = 1, Control = 2		
C1_DISTRICT	District		Subdivision			
C1_COMMUNE	Commune		Health district			
C1_CSPS	CSPS		Health area			
C1_CODVIL	Code Village/Quartier					
C1_VILLAGE			Village/Quarter			
Coordonnees GPS du menage			GPS coordinates of dwelling			
C1_LATITUDE	Latitude (Nord)		Latitude (North)			
C1_LONGITUDE	Longitude (Est)		Longitude (East)			
Enqueteur et visites			Interviewer and visits			
C1_ENQ	code de l'enqueteur		Interviewer's code			
C1_DATVISIT	Date de visite		Date of visit			
Langue utilisee			Language used			
C1_LANG_ENQ	Langue utilisee par l'enqueteur	Francais = 1, Mooré = 2, Dioula = 3, Gourounssi = 4, Dagara = 5, Autre, spécifier = 7	Language used by the interviewer	French=1; Mooré = 2; Dioula = 3; Gourounssi = 4; Dagara = 5; Other, specify = 7		
C1_AUTRE_LANG_ENQ	Autre langue utilisee par l'enqueteur		other language used by the interviewer			
C1_LANG_REP	Langue utilisee par répondant		Language used by the respondent			
C1_AUTRE_LANG_REP	Autre langue utilisee par le répondant		other language used by the respondent			
C1_TRADUCTEUR	Utilisation d'un traducteur	Jamais=1, Parfois = 2, Toujours = 3	Translator used?	Never=1; Sometimes=2; Always=3		
Informations de controle			Control information			
C1_NBHH	Nombre de membres du ménage		Number of household members			
C1_NBW1549	Nbre de femmes de 15_49 ans		Number of women aged 15 to 49			
C1_NBW2ANS	Nbre de femmes qui ont des enfants <2 ans		Number of women with children < 2 years old			
C1_NBWENC	Nbre de femmes enceintes		Number of pregnant women			
C1_NBENF5	Nbre d'enfants de moins de 5 ans		Number of children < 5 years old			

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_101	Entrez Code ID					
C1_102	Veuillez me communiquer le nom des personnes qui vivent dans votre ménage		Please give me the names of the persons who live in your household.	Name		
C1_103	Sexe	Masculin=1; Feminin=2	Gender	Male=1; Female=2		
C1_104	Quelle est la date de naissance de [nom]?	JJ=a; MM=b; AAAA=c	What is the birth date of [name]	Day=a; Month=b; Year=c	Si le répondant ne connaît pas le jour ou le mois, inscrivez "98". S'il ne connaît pas l'année, approfondissez en utilisant un tableau d'événements	If the respondent don't know the day or the month, write down "98". If he doesn't know the year, use an event table
C1_105	Quel âge a [nom]?	Mois=a; Année=b	How old is [name]?	Years/Months	Si <5Ans, indiquez nombre de mois; Si >5Ans, indiquez le nombre d'années; Notez 99 dans la colonne vide	If <5 years, specify number of months; If >5 years, indicate the number of years; Note 99 in the empty column
C1_105A	Age en mois de [nom]					
C1_105B	Age en années de [nom]					
C1_106	Est-ce que [nom] est une femme de 15-49 ans?	Oui=1; Non=2	Is [name] a women aged 15-49 years?	Yes = 1; No = 2	Ne pose pas si 1,02=1 (masculin) C'est possible de le calculer automatiquement de l'information de 1,03 et 1,04?	Do not ask if 1.02 = 1 (male) It is possible to calculate automatically the information of 1.03 and 1.04?
C1_107	Est-ce que [nom] a des enfants de moins de 2 ans?	Oui=1; Non=2	Is [name] a women with Children <2 years old?	Yes = 1; No = 2		
C1_108	Est-ce que [nom] est enceinte?	Oui=1; Non=2	Is [name] a pregnant women?	Yes = 1; No = 2	Ne pose pas si 1,02=1 (masculin)	Do not ask if 1.02 = 1 (male)
C1_109	Est-ce que [nom] est un enfant de moins de 5 ans?	Oui=1; Non=2	Is [name] a Children <5 years old?	Yes = 1; No = 2		

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_110	Quelle est la relation entre [nom] et le chef de ménage?	Chef du ménage lui/elle même=01; Conjoint (Femme/Mari)=02; Propre fils/Fille=03; Enfant d'un autre mariage du conjoint=04; Beau-Fils/Belle-Fille=05; Petit-Fils/Petite-Fille=06; Frère/Soeur=07; Parent=08; Beau-Parent=09; Niece/Neveu=10; Autre membre de la Famille=11; Aide domestique/Bonne=12; Co-Epouse=13; Autre=97	What is [name]'s relationship to the head of the household?	Head of household=01; Spouse (Wife/Husband)=02; Own son/Daughter=03; Step son/Daughter=04; Son/Daughter-in-law=05; Grandchild=06; Brother/Sister=07; Parent=08; Parent-in-law=09; Niece/Nephew=10; Other relative=11; Domestic help=12; Other non-relative=13; Co-wife=14; Other, specify=97		
C1_111	Spécifiez		Specify			
C1_112	Quelle est la situation matrimoniale actuelle de [nom]?	Jamais marié(e)=1; Marie monogame=2; Marie polygame=3; Union libre=4; Divorce(e)/separé(e)=5; Veuf/Veuve=6;	What is [name]'s current marital status?	Never married=1; Monogamously married=2; Polygamously married=3; Unmarried couple=4; Divorce/Separated=5; Widowed=6		
C1_112B	Si Polygame ou union libre, combien de conjointes?		If polygamous or unmarried couple, how many spouses?			
C1_113A	Code ID du conjoint (a)		Spouse's ID Code (a)		Si le/la conjoint(e) n'est pas membre du ménage, code 99, énumérez en fonction du rang	If / the spouse (e) is not a member household, code 99, list by rank
C1_113B	Code ID du conjoint (b)		Spouse's ID Code (b)			
C1_113C	Code ID du conjoint (c)		Spouse's ID Code (c)			
C1_114	Le père de [nom] vit-il dans ce ménage?	Oui=1; Non, vit ailleurs=2; Non décédé=3	Does [name] 's father live in this household?	Yes=1; No=2; Died=3	2 ou réponse=3 → (1,16)	2 or everything = 3 → (1,16)
C1_115	Copiez le code d'identification du père		Copy the ID code of the father			
C1_116	Quel est le niveau d'instruction le plus élevé atteint par le père de [nom]?	Sans niveau=1; Primaire=2; Secondaire 1er=3; Secondaire 2ème cycle=4; Supérieur=5; Ne sait pas=98	What is the highest level of education that [NAME]'s father attended?	None=01; Nursery/Primary=02; Secondary school=03; High school=04; University=05; Don't know=98	2 ou réponse=3 → (1,19)	2 or everything = 3 → (1,19)
C1_117	La mère de [nom] vit-elle dans ce ménage?	Oui=1; Non, vit ailleurs=2; Non décédé=3	Does [name] 's mother live in this household?	Yes=1; No=2; Died=3		
C1_118	Copiez le code d'identification de la mère		Copy the ID code of the mother	Mother's ID Code		
C1_119	Quel est le niveau d'instruction le plus élevé atteint par la mère de [nom]?	Sans niveau=1; Primaire=2; Secondaire 1er=3; Secondaire 2ème cycle=4; Supérieur=5; Ne sait pas=98	What is the highest level of education that [NAME]'s mother attended?	None=01; Nursery/Primary=02; Secondary school=03; High school=04; University=05; Don't know=98		
C1_120	Quelle est la religion de [nom]?	Aucun=01; Catholique=02; Protestant=03; Musulman=04; Animiste/Traditionnel=05; Autre=97	What is [name]'s religion?	None=01; Catholic=02; Protestant=03; Adventist=04; Muslim=05; New religion=06; Jehovah's witnesses=07; Buddhist=08; Traditional=09; Other, specify=97		

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_121	Specifiez		Specify			
C1_122	Quelle est l'ethnie de [nom]?	Mossi=01; Dioula=02; Peul/Fulfulde=03; Gourmantche Gouroussi=05; Bobo=06; Dagara=07; Lobi=08; Bissa=09; Touareg/Bella=10; Senoufo=11; Samo=12; Bwaba/Dafing=13; Dafing=14; Autres ethnies locales=15; Autres Nationalites=16	What is [name]'s ethnicity?	Beti=01; Maka/Kaka/Bosilis/Baya=02; Bafaw=03; Bayangi=04; Bakossi=05; Bassossi=06; Bakweri=07; Bangwa=08; Meta=09; Mankon=10; Kom=11; Bansa=12; Bamikele=13; Pygmee=10; Toupouri/Guiza/Moun=11; Haoussa/Peulh/Bamou=12; Bassa/Douala=13; Cotier littoral=14; Foreigner=15; Other, specify=97		
C1_123	Au cours des 12 derniers mois, combien de mois [nom] est-il ou est-elle resté(e) hors du ménage?		Has [name] been away from the household for more than 6 months in the last 12 months?	Yes=1, No=2	Si [nom] n'est pas resté hors du ménage enregistrez 00	If [name] is not remained outside the household record 00
C1_124	Depuis combien de temps [nom] est-il ou est-elle arrivé(dans) le ménage? (Enquêteur notez la réponse dans la colonne "mois" ou "année" et 99 dans l'autre colonne)		For how many months during the past 12 months has [name] been away?			
C1_124A	a. Mois		a. Month			
C1_124B	b. Années		b. Years			
C1_125	Enqueteur verifiez si [nom] est un membre du ménage	Oui=1; Non=2	Is [name] a household member?	Yes=1; No=2	Si (1,25)=2 fin de l'interview pour l'individu	If (1,25) = 2 end of l'interview for the individual

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_201	Code d'identification du répondant (personne qui a répondu au nom du sujet)		ID Code of respondent (Person who responded on behalf of the subject)			
C1_202	[nom] sait-il (elle) lire et écrire dans une quelconque langue?	Aucune=1; Français=2; Mooré=3; Dioula=4; Dagara=5; Gourmantché=6; Lobiri=7; Bwamou=8; Arabe=9; Plus d'une=10; Autre=97	Can [name] read and write in any language?	Non = 1, French = 2; Mooré = 3; Dioula = 4, Dagara = 5, Gourmantché = 6, Lobiri = 7, Bwamu = 8, Arab = 9, More than one language = 10, other = 97		
C1_203	[nom] a-t-il (elle) été à l'école?	Oui=1; Non=2	Has [name] ever attended school?	Yes=1; No=2	Répondant=2→(2,11)	When response=2→(2,11)
C1_204	Quel est le niveau d'instruction le plus élevé atteint par [nom]?	Sans niveau=1; Primaire=2; Secondaire 1er cycle=3; Secondaire 2ème cycle=4; Supérieur=5; Ne Sait Pas=98	What is the highest level of education that [name] attended?	None = 01; Primary school = 02; Secondary school 1th level = 03; Secondary school 2th level = 04; High school = 05; Don't know = 98;		
C1_205	A ce niveau d'instruction quelle est la classe la plus élevée par [nom]?	CP1=01; CP2=02; CE1=03; CE2=04; CM1=05; CM2=06; 6IEME=07; 5IEME=08; 4IEME=09; 3IEME=10; 2ND=11; 1ERE=12; Terminale=13; 1ERE année sup=14; 2EME année sup=15; 3EME année sup=16; 4E année et plus=17	Within that school level, what was the highest grade that [name] completed?	1th class primary school = 1, 2th class primary school = 2, 3th class primary school = 3, 4th class primary school = 4, 5th class primary school = 5, 6th class primary school = 6, 1th class secondary school = 7, 7th class secondary school = 13, 1th class high school = 14, 4th class high school or more = 17.	Ecrire 0 si aucune note a été réalisée dans ce niveau	Write 0 if no grade was completed within that level
C1_206	Au cours de l'année scolaire 2012/2013, [nom] est-il/elle scolarisé(e) ou préscolarisé(e)?	oui=1; non=2	During the 2011/2012 school year, did [name] attend school or preschool at any time?	Yes=1; No=2	Si cette personne est âgée de 25 ans ou plus →(2,12); non=2 → (2,12)	If the person is aged 25 or more → (2,12); no = 2 → (2,12)
C1_207	Au cours de l'année scolaire 2012/2013, quel niveau [nom] suit-il/elle?	Maternelle/Primaire=1; Secondaire 1er=2; Secondaire 2ème=3; Supérieur=4; Ne sait pas=98	During this/that school year, which level and grade is/was [name] attending?	None=01; Nursery/Primary=02; Secondary school=03; High school=04; University=05; Don't know=98		
C1_208	Au cours de l'année scolaire 2012/2013 quelle classe [nom] suit-il/elle? Classe	Maternelle=0; CP1=1; CP2=2; CE1=3; CE2=4; CM1=5; CM2=6; 6IEME=7; 5IEME=8; 4IEME=9; 3IEME=10; 2ND=11; 1ERE=12; Terminale=13; 1ERE année sup=14; 2E Année sup=15; 3E année sup=16; 4E année et=17		Kindergarten = 0, 1th class primary school = 1, 2th class primary school = 2, 3th class primary school = 3, 4th class primary school = 4, 5th class primary school = 5, 6th class primary school = 6, 1th class secondary school = 7, 7th class secondary school = 13, 1th class high school = 14, 4th class high school or more = 17.		
C1_209	Combien de temps faut-il à [NOM] pour se rendre à son école?		How long does it take [name] to travel to school?			
C1_209HH	Heures		Hours			
C1_209MN	Minutes		Minutes			

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_210	Combien de jours d'absence de l'école [NOM] a-t-il/elle eu au cours des 30 derniers jours de l'année scolaires?	Jours	How many days of absence did [name] have from school during the past 30 days?	Days	S'il n'y a eu aucune absence, inscrivez 0 et → (2,12)	If there was no lack, enter 0 and → (2,12)
C1_211	Quelle a été la principale raison des absences de [NOM] de l'école au cours des 30 derniers jours l'année scolaire?	Pas de nourriture=01; Probleme de transport/ Ecole trop éloignée=02; Malade/Blessé(e)=03; Malade dans la Famille=04; Présence nécessaire pour des tâches ménagères=05; école trop difficile=06; N'intéresse pas l'enfant=07; Aide pour l'entreprise Familiale=08; Gagner de l'argent=09; Prendre soin de ses frères et sœurs=10; éducation pas utile=11; Tombée enceinte=12; pas d'enseignant=13; école fermée=14; Vacances scolaires=15; Retard=16; Autre, Spécifiez=97	What was the main reason for [name]'s absences from	No food=01; No transportation=02; Ill/Injured=03; Illness in the family=04; Needed for domestic chores=05; School too difficult=06; Child not interested=07; Other=97		
C1_212	Au cours des 7 derniers jours, combien d'heures [NOM] a-t-il/elle consacré aux activités suivantes: Enquêteurs, citez les différentes activités à l'enquête		In the past 7 days, how many hours did [name] spend for the following activities:			
C1_212A	a. Ecole	Aucun temps consacré à cette activité = 0, Ne sait pas = 998; Non applicable = 999	a. School	Not time spent for the activity = 0; Dont know = 998; Not applicable = 999		
C1_212B	b. Etudes	Aucun temps consacré à cette activité = 0, Ne sait pas = 998; Non applicable = 999	b. Studying	Not time spent for the activity = 0; Dont know = 998; Not applicable = 999		
C1_212C	c. S'occuper d'enfants	Aucun temps consacré à cette activité = 0, Ne sait pas = 998; Non applicable = 999	c. Caring for children	Not time spent for the activity = 0; Dont know = 998; Not applicable = 999		
C1_212D	d. S'occuper d'un parent malade	Aucun temps consacré à cette activité = 0, Ne sait pas = 998; Non applicable = 999	d. Caring for sick relative	Not time spent for the activity = 0; Dont know = 998; Not applicable = 999		
C1_212E	e. Travaux ménagers	Aucun temps consacré à cette activité = 0, Ne sait pas = 998; Non applicable = 999	e. Housework	Not time spent for the activity = 0; Dont know = 998; Not applicable = 999		
C1_212F	f. Travaux pour gagner de l'argent	Aucun temps consacré à cette activité = 0, Ne sait pas = 998; Non applicable = 999	f. Work for income	Not time spent for the activity = 0; Dont know = 998; Not applicable = 999		
C1_212G	g. Distraction/Pauses	Aucun temps consacré à cette activité = 0, Ne sait pas = 998; Non applicable = 999	g. Distraction/Break	Not time spent for the activity = 0; Dont know = 998; Not applicable = 999		

Questionnaire C1

Main-d'oev	Question in French	Response options in French	Question in English	Response options in English	Recommendatio ns in French	Recommendatio ns in English
C1_301	Code d'identification du répondant (personne qui a répondu au nom du sujet)		ID code of respondent (person who responded on behalf of the subject)	ID code of respondent (person who responded on behalf of the subject)		
C1_302	Au cours des 30 derniers jours quelle a été la situation de [nom] en matière d'emploi?	Employé (e); salarié (e)=01; Travail à la tâche (travail journalier)=02; Travailleur indépendant/autoentrepreneur=03; Membre d'une coopérative de producteurs (groupement)=04; Travailleur familial apportant sa contribution=05; Autre travailleur (apprenti,...)=06; À la recherche d'un emploi (chômeur)=07; Capable mais pas à la recherche d'un emploi (OISIF)=08; Ne travaille pas (Élève/Étudiant)=09; Homme/Femme au foyer=10; Ne travaille pas (À la retraite)=11; Ne travaille pas (Trop vieux)=12; Ne travaille pas (Trop malade)=13; Autre, spécifiez=97	In the last 30 days, what was [name]'s employment status?	Wage employee=01; Piece work=02; Self-employed/Own business=03; Member of a producer's cooperative=04; Contributing family worker=05; Other worker (apprentice,...)=06; Looking for work=07; Capable but not looking for work=08; Not working (full time student)=09; Homemaker/Housewife=10; Not working (retired)=11; Not working (too old)=12; Not working (too sick)=13; Other, specify=97	Répondant=01 →(3,04); Répondant=02 →(3,04); Répondant=03 →(3,04); Répondant=04 →(3,04); Répondant=05 →(3,04); Répondant=06 →(3,04)	Response=01 →(3,04); Response=02 →(3,04); Response=03 →(3,04); Response=04 →(3,04); Response=05 →(3,04); Response=06 →(3,04)
C1_303	Au cours des 30 derniers jours [nom] a-t-il/elle fait quelque chose pour gagner de l'argent?	OUI=1, Non=2	In the last 30 days, did [name] do anything to earn income?	Oui=01; Non=02	Répondant=02 →(3,17)	Response=02 →(3,17)
			Primary Work			
C1_304	Au cours des 30 derniers jours , quelle a été le principal secteur d'activité économique c'est-à-dire celui qui a procuré plus de revenus à [nom]?	Agriculture, chasse et sylviculture=01; Pêche, pisciculture, aquaculture=02; Activités extractives=03; Activités de fabrication=04; Production et distribution d'électricité, de gaz et d'eau=05; Construction=06; Commerce, réparation de véhicules automobiles et d'articles domestiques=07; Hôtels et restaurants=08; Transports, activités des auxiliaires de transport et communications=09; Activités financières=10; Immobilier, locations et services aux entreprises=11; Activités d'administration publique=12; Éducation=13; Activités de santé et d'action sociale=14; Activités à caractère collectif ou personnel=15; Activités des ménages tant qu'employeurs de personnel domestique=16; Activités des organisations extraterritoriales=17; Autre=97	In the last 30 days, what was the industry/sector of economic activity that raised the highest income to [name]?	Farming/herding=01; Forestry/Charcoal=02; Fishing=03; Mining=04; Manufacturing=05; Electricity/Water=06; Construction=07; Wholesale/retail trade=08; Hotel business=09; Transport=10; Financial services=11; Real estate=12; Government=13; Education=14; Health/Social work=15; Community organization=16; Other, specify=97		
C1_305	Spécifiez					435

Questionnaire C1

Main-d'oev	Question in French	Response options in French	Question in English	Response options in English	Recommendatio ns in French	Recommendatio ns in English
C1_306	Au cours des 30 derniers jours , pour qui a travaillé [nom] dans le cadre de son travail principal?	Soi-meme (travailleur independent)=1; Membre de la famille=2; Secteur prive=3; Secteur public=4; Secteur sans but lucrative (confessionnel....)=5; Autre=97	In the last 30 days, who does [name] work for in [his/her] primary work?	Self (self-employed)=01; Family member=02; Private sector firm=03; Public sector=04; Non-profit sector=05; Other, specify=97	S'il y a au moins deux activités, répondre pour celles mentionnées en 3,04; Enqueteur:Vérifiez avec→ (3,02)	In case there is more than one activity, indicate the primary work that consumed the most time interviewer: Check with (3.02)
C1_307	Specifiez					
C1_308	A quelle fréquence, [nom] est-il(elle) payé pour ce travail?	Par jour=1; Par semaine=2; Tous les 15 jours=3; Par mois=4; Par semestre=5; Par an=6; Non payé=7	How often does [name] get paid for this work?	Day=1; Week=2; Every two weeks=3; Month=4; Year=5; Period	Répondant=7→ (3,10)	Response=7→ (3,10)
C1_309	Au cours des 30 derniers jours , combien [nom] a-t-il/elle normalement touché pour son travail principal?	Montant en frs CFA (7 chiffres)	In the last 30 days, how much did [name] normally get paid in [HIS/HER] primary work, per [pay period in (3,06)]?	Amount in FCFA (7 digits)	7 chiffres; Montant en Frs CFA	7 digits; Amount in CFA francs
C1_310	[nom] a-t-il une assurance maladie pour son travail principal?	Oui=1; Non=2	Is [name] covered by a health insurance for this primary work?	Yes=1; No=2		
C1_311	[nom] a-t-il/elle droit a des congés maladie pour son travail principal?	Oui=1; Non=2	Is [name] entitled to sick leave for this primary work?	Yes=1; No=2		
C1_312	Au cours des 7 dernier jours , combien d'heures par jour [nom] a-t-il/elle normalement consacre a son travail principal?	Heures/Jour	In the last 7 days, how many hours did [name] normally work in this primary work?	Hours/Day		
C1_313	Combien d'heures [nom] a-t-il/elle consacré a son travail principal lors de la dernière journée ouvrable ?	Heures/Jour	How many hours did [name] work last business day in this primary work?	Hours/Day	Enqueteur: Si:(3,13)→ (3,12) → (3,16)	Interviewer if:(3,13)→ (3,12) → (3,16)
C1_314	Pourquoi [nom] a-t-il/elle consacré moins d'heures que d'habitude a son travail principal lors de la dernière journée ouvrable?	Vacancies=1; Malade/maladie=2; Blessure=3; S'occupe d'un parent malade=4; S'est rendu a un enterrement=5; Ce n'est pas le jour pour cette activite=6; Autre=97; Ne sait pas=98	Why did [name] work fewer hours in the last business day than usual in this primary work?	Holiday/vacation=01; Sick/Illness=02; Injury=3; Caring for sick relative=04; Attending a funeral=05; Isn't the season for the this activity=06; Other, specify=97; Don't know=98		
C1_315	Specifiez		Specify			
C1_316	Au cours des 30 dernier jours, pendant combien de jours [nom] a-t-il/elle effectué son travail principal pour gagner de l'argent ou pour aider sa famille a en gagner?	Jours	During the last 30 days, how many days did [name] do this primary work to earn income or help the family earn income?	Days		
C1_317	Au cours des 12 derniers mois, [nom] a-t-il/elle reçu des revenus (monnaie ou en nature) pour d'autres travaux ou activités qui n'ont pas encore été mentionnés?	Oui=1; Non=2	During the last 12 months, did [name] receive income (monetary or not) for other work/activities which have not been mentioned?	Yes = 1, No = 2		
C1_318	Si oui; veuillez préciser la valeur monétaire (CFA) (Pour les bien recus en nature, estimé la valeur monétaire qu'on reçu en les)	7 Chiffres	If so, specify the monetary value of the income	7 digits	Répondant=2→ (3,19)	Response=2→ (3,19)

Questionnaire C1

Main-d'oeuv	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_319	Au cours des 12 derniers mois, [nom] a-t-il/elle reçu des revenus (monnaie ou en nature) provenant d'une retraite, d'une pension ou d'une assurance pour des travaux effectués par le passé?	Oui=1; Non=2	During the last 12 months, has [name] received any income (cash or in-kind) from retirement, pension, unemployment compensation, or insurance from past work?	Yes=1;NO=2		
C1-320	Si oui, veuillez préciser la valeur monétaire (CFA) (Pour les bien recus en nature, estimé la valeur monétaire qu'on reçu en les)	7 Chiffres	If yes, specify the monetary value of the income	7 digits	Répondant=2→(4,01)	Response=2→(4,01)

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_401	Code ID R�pondant		ID code of respondent			
C1_402	Type d'habitation	Immeuble a appartements=01; Villa moderne=02; Maison individuel=03; Mason a pl logements=04; Case ronde=05; Autre=97	Type of dwelling	Isolated house (maison isolee)=01; House with multiple flats=02; Detached house/Villa=03; Building with appartements=04; Compound=05; House=06; Tent=07; Shack=08; Hut=09; Other, specify=97		
C1_403	Specifiez					
C1_404	Principal mat�riau utilis� pour		Main material used for:			
C1_404A	A. Mur	Banco, brique de terre=1; Banco am�lior�=2; Brique en ciment ou beton=3; Pierres=4; Bois ou bambou=5; Paille=6; Tole=7; Autre=97.	A. Wald	Banco/Mud bricks = 01; improved banco = 02; Blocks/Concrete = 03; Stones = 04; Wood/Bamboo = 05; Straw = 06; sheet metal = 07; Other = 97		
C1_404B	B. Toit	Beton=1; Tole=2; Tuiles=3; Terre battue=4; Chaume/paille=5; Autre=97.	B. Roof	Concrete = 1; sheet metal = 2; Tile = 3; Clay = 4; Thatch/Straw = 5; other = 97		
C1_404C	C. Sol	Carreaux=1; Ciment=2; Terre battue=3; Sable, sol naturel=4; Autre=97	C. Floor/Ground	Tiles = 1; Ciment = 2; clay = 3; grit/natural soil = 4; other = 97		
C1_405	Qui est le propri�taire de votre habitation?	Habitation occup�e par le propri�taire-avec un emprunt hypoth�caire=1; Habitation occp�e par le propri�taire-sans emprunt hypoth�caire=02; Location (sans lien avec le travail)=03; Location (li�e au travail)=04; Loyer gratuit (appartient au gouvernement)=05; Loyer gratuit (appartient a un employeur priv�)=06; LOyer gratuit (autre propri�taire)=07; Logement provisoire=08; Occupation ill�gale d'une habitation=09; Autre=97	What is the ownership status of your dwelling?	Owner occupied dwelling - with mortgages=01; Owner occupied dwelling - without mortgages=02; Rented (not tied to the job)=03; Rented (tied to the job)=04; Rent free (owned by government employer)=05; Rent free (owned by private employer)=06; Rent free (owned by municipality/govt)=07; Rent free (other owner)=08; TempToermarpyo hraoruys hinogusing=09; SquaSttqinugatting=10; Other, specify=97	R�pondant=01;and 02�(4,09);R�pondant=05 ;06; 07 and 09�(4,12)	Response=01;and 02�(4,09);Response=05; 06; 07 and 09�(4,12)
C1_406	Specifiez					
C1_407_FR EQ	A quelle fr�quence payez-vous de loyer?	Mensuel=1; Tous les 3 mois=2; Tous les 6 Mois=3; Tous les ands=4; Autre=97.	How often do you pay rent?	Monthly=01; Every 3 months=02; Every 6 months=03; Annually=04; Other, specify=97; Frequency code: /Amount in FRS CFA		
C1_408_FR EQ	Specifiez				Inscribe le code de fr�quence et le montant dans les cases en face�(4,14)	Inscribe the frequency code and the amount in the boxes next � (4,14)
C1_407_M ONTANT	A quelle combien payez-vous de loyer?		How much rent do you pay?			

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_409	Si vous vendiez cette habitation aujourd'hui, quelle est la somme que vous pourriez	Montant en FRS CFA	If you sold this dwelling today, how much would you receive for it?	Amount in FRS CFA		
C1_410_FR EQ	Si vous mettez cette habitation en location, à quelle fréquence vous feriez vous payer ce loyer?	Mensuel=1; Tous les 3 Mois=2; Tous les 6 Mois=3; Tous les ans=4; Autre=97	If you rented this dwelling, how often would you receive rent for it?	Monthly=01; Every 3 months=02; Every 6 months=03; Annually=04; Other, specify=97; Frequency code: /Amount in FRS CFA		
C1-411	Specifiez					
C1_410_MONTANT	Et quel serait le montant feriez vous payer pour ce loyer?		How much rent would you receive for it?			
C1_412_FR EQ	Si vous deviez louer cette habitation, à quelle fréquence vous faudrait-il payer le loyer?	Mensuel=1; Tous les 3 Mois=2; Tous les 6 Mois=3; Tous les ans=4; Autre=97	If you had to rent this dwelling, how often would you have to pay?	Monthly=01; Every 3 months=02; Every 6 months=03; Annually=04; Other, specify=97; Frequency code: /Amount in FRS CFA		
C1_413	Specifiez					
C1_412_MONTANT	Si vous deviez louer cette habitation, quel est le montant du loyer qu'il vous faudrait payer?		If you had to rent this dwelling, how much would you have to pay?			
C1_414	Combien de pièces compte votre habitation? (Comptez toutes les pièces, sauf cuisine, toilette salles de bains)	Nombre de pièce	How many rooms does your dwelling have?	Number of rooms		
C1-415	Quelle est la principale source d'eau de boisson de votre ménage?	Robinet dans le logement=01; Robinet dans la cour/Le terrain=02; Robinet public/Borne fontaine=03; Forage=04; Puits protégé=05; Puits non protégé=06; Source protégée=07; Source non protégée=08; Eau de pluie=09; Eau de surface/Mares/Lacs/Fleuve/Cours d'eau=10; Eau en bouteille/Sachets=11; Autre=97	What is your household's main source for drinking water?	Piped into dwelling=01; Piped into yard/Plot=02; Public tap/Standpipe=03; Well/Boreholes=04; Protected well=05; Unprotected well=06; Protected spring=07; Unprotected spring=08; Rainwater=09; Tanker truck=10; Surface water/Puddles/Lakes/River=11; Bottled water=12; Other, specify=97		
C1_416	Specifiez					
C1_417	Combien de temps vous faut-il pour vous rendre à cette source à pied?	Aller Simple Minutes:	How long does it take you to go to this source on foot?	One way only:Minutes		
C1_418	Comment traitez-vous l'eau de boisson?	Ebullition=1; Decantation=2; Filtre=3; Ajout de chlore=4; Ajout d'iode=5; Pas de traitement=6; Autre=97	How do you treat your drinking water ?	No treatment=01; Boil=01; Add chlorine=03; Add iodine=04; Other, specify=97		
C1_419	Specifiez		specify			

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_420	De quel type de toilettes les membres de votre ménage se servent-ils à la maison?	WC avec chasse eau=01; Latrine fosse=02; Latrine ordinaire=03; Pas de toilette ou dans la nature=04; Autre=97	What type of toilet facility do your household members use at home?	Flush to piped sewer=01; Flush to septic=02; Flush to pit latrine=03; Flush to other=04; Ventilated pit latrine=05; Pit latrine with slab=06; Pit latrine without slab=07; Bucket=08; Hanging toilet=09; No facilities or bush=10; Other, specify=97	Répondant=04→(4,23)	Response=04→(4,23)
C1_421	Specifiez				→(4,23)	→(4,23)
C1_422	Avec combien d'autres ménages votre ménage partage-t-il ces toilettes?	Nombre	How many other households share the same toilet facility with your household?	Number	Si ce ménage ne partage pas, inscrivez "0" Nombre	
C1_423	Comment traitez-vous principalement les ordures/saletés dans votre ménage?	Ramassage des ordures=1; Ordures jetées dans une fosse=2; Ordures enterrées=3; Ordures incinérées=4; Ordures jetées dans la rue ou sur la voie publique=5; Autre=97	How do you mainly deal with the household's refuse / rubbish?	Refuse collected=1; Throw into a pit=2; Bury=3; Burn=4; Throw onto street or public area=5; Hysacam=6; Other, specific=97		
C1_424	Specifiez					
C1_425	Quelle est la principale source d'énergie de votre ménage pour l'éclairage?	Pétrole lampant/Paraffine/Lampe A huile=01; Gaz=2; électricité du réseau=03; Electricité d'un générateur=04; électricité de panneau solaire=05; Lampe-torche/Lampes à piles=06; Feu de cheminée=07; Charbon de bois=08; Bougies=09; Autre	What is your household's main source of energy for lighting?	Kerosine/Paraffin/Oil=01; Lamp gas=02; Electricity from grid=03; Electricity from generator=04; Electricity from solar panel=05; Fire chimney=06; Charcoal=07; Torch/candles=08; Other, specify=97		
C1_426	Specifiez					
C1_427	Quelle est la principale source d'énergie utilisée pour la cuisine?	Pétrole/Paraffine=01; Gaz=02; électricité du réseau=03; électricité d'un générateur=04; électricité de panneau solaire=05; Bois de chauffe=06; Charbon de bois=07; Copeau=08; Autre=97	What is the main source of energy used for cooking?	Kerosine/Paraffin=01; Gas=02; Electricity from grid=03; Electricity from generator=04; Electricity from solar panel=05; Chimney=06; Charcoal=07; Animal dung/Saw dust=08; Other, specify=97		
C1_428	Specifiez					

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_501	Code ID R�pondant			ID code of respondent		
C1_501_97	Sp�cifiez la nature des autres biens durables					
C1_502	Combien de [Biens durable]s votre m�nage poss�de-t-il?		How many [Durable good]s does your household own?		N'inscrivez que les biens qui fonctionnent. Si ce n'est pas le cas, inscrivez z�ro puis � bien Durable suivant	Only include functioning assets: If none write zero and � next durable
C1_502_01	Radio		Radio/CD/cassette player			
C1_502_02	Lecteur CD/DVD/Lecteur de cassette		CD / DVD / Tape			
C1_502_03	T�l�viseur		Television			
C1_502_04	Fer � repasser		Iron			
C1_502_05	Fourneau �lectrique		Electric stove			
C1_502_06	Bouteille � gaz		Cylinder			
C1_502_07	Lampe � p�trole		Paraffin lamp			
C1_502_08	Lit/Matelas		Mattress			
C1_502_09	Moustiquaires		Mosquito nets			
C1_502_10	R�frig�rateurs/Cong�lateurs		Refrigerator / freezer			
C1_502_11	Machine � coudre		Sewing machine			
C1_502_12	Canap�/divan		Sofa			
C1_502_13	T�l�phone portable		Mobile / Telephone			
C1_502_14	T�l�phone fixe		Land line telephone			
C1_502_15	Moto		Motorcycle			
C1_502_16	Bicyclette		Bicycle			
C1_502_17	Camionnette ou voiture		Truck or car			
C1_502_18	Brouette/pousse-pousse		Wheelbarrow			
C1_502_19	Charrue		Plough			
C1_502_20	Charette		Charette			
C1_502_21	Houes/Herses/Haches		Hoes / harrows / Axes			
C1_502_22	Groupe �lectrog�nes		Gensets			
C1_502_23	Panneau solaire		Solar panel			
C1_502_24	Batterie		Battery			
C1_502_25	Foyer am�lior�		Improved stove			
C1_502_26	Ordinateur		PC			
C1_502_97	Autres, sp�cifiez		Other, specify			
	Si vous �tiez en mesure de vendre votre [BIEN DURABLE] aujourd'hui, combien d'argent pourriez-vous en tirer ?		If you were to sell your [Durable good]s today, how much money could you get for it?			
C1_503_01	Radio		Radio/CD/cassette player		S'il y en a plus d'un, demandez la valeur totale de tous les articles	If more than one, ask for the total value of all items
C1_503_02	Lecteur CD/DVD/Lecteur de cassette		CD / DVD / Tape			
C1_503_03	T�l�viseur		Television			
C1_503_04	Fer � repasser		Iron			
C1_503_05	Fourneau �lectrique		Electric stove			

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_503_06	Bouteille à gaz		Cylinder			
C1_503_07	Lampe à pétrole		Paraffin lamp			
C1_503_08	Lit/Matelas		Mattress			
C1_503_09	Moustiquaires		Mosquito nets			
C1_503_10	Réfrigérateurs/Congélateurs		Refrigerator / freezer			
C1_503_11	Machine à coudre		Sewing machine			
C1_503_12	Canapé/divan		Sofa			
C1_503_13	Téléphone portable		Mobile / Telephone			
C1_503_14	Téléphone fixe		Land line telephone			
C1_503_15	Moto		Motorcycle			
C1_503_16	Bicyclette		Bicycle			
C1_503_17	Camionnette ou voiture		Truck or car			
C1_503_18	Brouette/pousse-pousse		Wheelbarrow			
C1_503_19	Charrue		Plough			
C1_503_20	Charette		Charette			
C1_503_21	Houes/Herses/Haches		Hoes / harrows / Axes			
C1_503_22	Groupe électrogènes		Gensets			
C1_503_23	Panneau solaire		Solar panel			
C1_503_24	Batterie		Battery			
C1_503_25	Foyer amélioré		Improved stove			
C1_503_26	Ordinateur		PC			
C1_503_97	Autres, spécifiez		Other, specify			
C1_504	Votre ménage est-il propriétaire du terrain sur lequel cette habitation est construite (possession signifie que vous pouvez par exemple le vendre et en tirer de l'argent)?	Oui=1; Non=2	Does your household own the land plot on which this dwelling is built?	Yes=1; No=2	Répondant=2 →(5,06)	Response=2→(5,06)
C1_505SUPERF	Quelle est la superficie de ce terrain?		What is the size of this plot?			
C1_505UNITE	Quelle est l'unité de mesure de la superficie de ce terrain?	Mètre carré=1; Hectare=2	Specify the area size unit	Square meter=1; Hectare=2		
C1_506	Sans tenir compte de cette résidence, votre ménage possède-t-il du terrain/champ?	Oui=1; Non=2	Does your household own any land (other land besides this residence)?	Yes=1; No=2		
C1_507SUPERF	Quelle est la superficie de cet(s) autre(s) terrain(s)/champ que possède votre ménage?		How much land does your household own?			
C1_507UNITE	Quelle est l'unité de mesure de la superficie de cet(s) autre(s) terrain	Mètre carré=1; Hectare=2	Specify the area size unit	Square meter=1; Hectare=2		
C1_508	Si vous deviez vendre le(s) terrain(s)/champ que vous possédez, d'après vous combien d'argent en tireriez-vous	FRS CFA	If you were to sell the land you own, how much do you think you would receive for it?	FRS CFA		
C1_509SUPERF	Votre ménage a-t-il vendu des terrain/champs au cours des 12 derniers mois?Et NAP (9) dans	Unité de surface: Superficie Unité de Surface: Mètre carré=1; Hectare=2	How much land did your household sell in the last 12 months?		Si Oui précisez la superficie totale et l'unité de surface. Si Non, inscrivez 0 dans la case de la superficie	Record the amount and the unit of measurement. Record 0 in the amount box if none

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_509UNITE	Quelle est l'unité de mesure de la superficie des terrain/champs vendus		Specify the area size unit	Square meter=1; Hectare=2		
C1_510SUPERF	Votre ménage a-t-il acheté des terrains/champs au cours des 12 derniers mois?	Unité de surface: Superficie Unité de Surface: Mètre carré=1; Hectare=2	How much land did your household buy in the last 12 months?		Si Oui précisez la superficie totale et l'unité de surface. Si Non, inscrivez 0 dans la case de la superficie	Record the amount and the unit of measurement. Record 0 in the amount box if none
C1_510UNITE	Quelle est l'unité de mesure de la superficie des terrains/champs acheté		Specify the area size unit	Square meter=1; Hectare=2		
C1_511SUPERF	Votre ménage a-t-il acquis gratuitement des terrains/champs au cours des 12 derniers mois?	Oui = 1, Non = 2	How much land did your household get for free in the last 12 months?		Si Oui précisez la superficie totale et l'unité de surface. Si Non, inscrivez 0 dans la case de la superficie	Record the amount and the unit of measurement. Record 0 in the amount box if none
C1_511UNITE	Quelle est l'unité de mesure de la superficie des terrains/champs acquis	Mètre carré=1; Hectare=2	Specify the area size unit	Square meter=1; Hectare=2		
	Combien de [Animaux] votre ménage possède-t-il?		How many [Animal]s does your household own?			
C1_512_01	Boeufs=01		Cattle=01		Si pas de [Animal], Inscrivez zéro puis ► Animal suivant	If none write zero ► next animal
C1_512_02	Chèvres=02		Goats=02			
C1_512_03	Moutons=03		Sheep=03			
C1_512_04	Cochons=04		Pigs=04			
C1_512_05	Volaille=05		Poultry=05			
C1_512_06	Âne=06		Donkey=06			
C1_512_07	Cheval=07		Horse=07			
C1_512_97_SP EC	Autres animaux, spécifiez=97		Other animals, specify=97			
C1_512_97_QT	Combien de [Autres animaux] votre ménage possède-t-il?		Specify number of other animal			
C1_513	Au cours des 12 derniers mois, avez-vous eu des dépenses de santé excédant les moyens financiers acquis par vos revenus habituels?	Oui=1; Non=2	In the past 12 months, did you have any health expenditures that were higher than you could afford with your usual income?	Yes=1; No=2	Répondant=2 →(7,01)	Response=2→(7,01)

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_514	Au cours des 12 derniers mois, un membre de votre ménage a-t-il dû vendre des terrains, des bâtiments, du matériel agricole, du bétail, des réserves alimentaires ou d'autres possessions pour faire face à des dépenses de santé ?	Oui=1; Non=2	In the last 12 months, did anyone in your household have to sell any land, buildings, farm equipment, livestock, food reserves or other possessions in order to pay for health care? PROBE: Health care payments include paying for hospital bills, doctor's bills or medicines.	Yes=1; No=2	Approfondissez : Les dépenses de santé comprennent les factures des formations sanitaires, les honoraires des médecins, l'achat des médicaments, les frais de chambre ou de transport pour se rendre dans une formation sanitaire, les frais liés aux soins traditionnels, etc.; Répondant=2	Probe: Health expenditures include bills of health facilities, doctors' fees, purchase of medicines, room charges or transportation to render in a health facility, the costs associated with traditional treatments, etc.. Response = 2 → (5.18)
C1_515_1	Terrain=1		Land=1			
C1_515_2	Bâtiments=2		Building=2			
C1_515_3	Matériel agricole=3		Farm equipment=3			
C1_515_4	Céréales=4		Cereals=4			
C1_515_5	Bétail=5		Cattle=5			
C1_515_97	Autres possessions=97		Other possessions=97			
C1_516	Au total, quelle est la somme que vous avez obtenue avec la vente de		How much money did you get for the sale of ?			
C1_516_1	Terrain=1		Land=1		Répondant=2 → Bien suivant	Response=2 → Next
C1_516_2	Bâtiments=2		Building=2		Montant en FRS CFA	Amount in FRS CFA
C1_516_3	Matériel agricole=3		Farm equipment=3			
C1_516_4	Céréales=4		Cereals=4			
C1_516_5	Bétail=5		Cattle=5			
C1_516_97	Autres possessions = 97		Other possessions = 97			
C1_517	Autre, précisez		Other, specify			
C1_518	Au cours des 12 derniers mois, un membre de votre famille a-t-il dû emprunter de l'argent pour couvrir des dépenses de santé? (Emprunter de l'argent signifie que vous devrez le rembourser au bout d'un certain temps).	Oui=1; Non=2; Terrain=1; Bâtiments=2; Matériel agricole=3; Céréales=4; Bétail=5; Autres possessions=97	In the last 12 months, did anyone in your household have to borrow money in order to pay for	Yes=1; No=2	Répondant=2 → (5,26)	Response=2 → (5,26)
C1_519	Au total, combien avez-vous emprunté pour payer les frais de santé au cours des 12 derniers		How much money did you borrow in total over the last 12 months?		Montant en FRS CFA	Amount in FRS CFA

Questionnaire C1

Variable name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_520	À la date d'aujourd'hui, combien d'argent devez-vous encore rembourser ?		As of today, how much money do you still need to pay back?		Montant en FRS CFA	Amount in FRS CFA
C1_521	Au cours des 12 derniers mois un membre de votre famille a-t-il du utiliser un emprunt fait dans un autre pour les dépenses de santé?	Oui=1; Non=2	In the last 12 months, did anyone in your household receive money as a gift, to help pay for	Yes=1; No=2	Répondant=2 →(5,26)	Response=2→(5, 26)
C1_522	Au total, combien d'argent d'un autre crédit avez-vous utilisé pour payer des frais de santé au cours		How much money did you receive in total for health care over the last 12 months?		Montant en FRS CFA	Amount in FRS CFA
C1_523	À la date d'aujourd'hui, combien d'argent devez-vous encore rembourser ?		Today, how much money do you still owe on health care bills?		Montant en FRS CFA	Amount in FRS CFA
C1_524	Au cours des 12 derniers mois, un membre de votre ménage a-t-il reçu de l'argent en cadeau, pour l'aider à payer des soins de santé ? Il peut s'agir d'une aide de votre communauté pour votre ménage afin de l'aider à payer des factures, mais aussi de cadeaux de membres de votre famille qui n'habitent pas dans votre ménage, et d'autres cadeaux pour vous aider à payer des soins de santé.	Oui=1; Non=2	Over the past 12 months, did a member of your household received money as a gift, to help pay for health care? It can be a help from the community for your household to help pay bills, but also from family members who do not live in your household gifts, and other gifts for you help pay for health care.	Yes = 1, No = 2		
C1_525	Estimer en Francs CFA la valeur de ces cadeaux reçus pour les frais de soins de santé au cours		Estimate in Francs CFA the value of these gifts received for the cost of health care		Montant en FRS CFA	Amount in FRS CFA
C1_526	Au total, combien avez-vous reçu pour payer les frais de santé au cours des 12 derniers mois ?		In total, how much money did you get to pay for health care over the past 12 months?		Montant en FRS CFA	Amount in FRS CFA

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_700_REP	Numéro d'ordre du répondant (dans le ménage)					
	Votre ménage a-t-il consommé [Article Alimentaire] au cours des 7 derniers jours ?		Has your household consumed [Food item] during the past 7 days?		1)Posez d'abord la question (7.01) pour chaque article figurant dans la liste inscrivez 1=Oui; 2=Non: 2) Si la réponse A (7.01) est oui; Posez (7.03) et (7.04) . Si non aller a la ligne suivante	1)Ask question (7.01) about each item in the list first. Record 1=Yes; 2=No; 2)If the answer to (7.01) is yes, ask (7.03) and (7.04)
C1_701_01	01=Mais	Oui = 1, Non = 2	01=Maize grain	Yes=1, No=2		
C1_701_02	02=Pain/petits pain/ beignets	Oui = 1, Non = 2	02= Bread / Buns	Yes=1, No=2		
C1_701_03	03=Mil/ Sorgho/Fonio	Oui = 1, Non = 2	03= Millet	Yes=1, No=2		
C1_701_04	04=Riz	Oui = 1, Non = 2	04=Rice	Yes=1, No=2		
C1_701_05	05=Niébé/Haricots	Oui = 1, Non = 2	05 = Cowpeas / beans	Yes=1, No=2		
C1_701_06	06=Blé/farine, pate alimentaires	Oui = 1, Non = 2	06=Flour (all types)	Yes=1, No=2		
C1_701_07	07=Noix/graines/arachides et pate d'arachide	Oui = 1, Non = 2	07=Nuts (palm, and other nuts and seeds)=06;	Yes=1, No=2		
C1_701_08	08=Plantes légumineuses sèches (haricots, pois chiche)	Oui = 1, Non = 2	08=Dry pulses (beans, cow peas, green gram)	Yes=1, No=2		
C1_701_09	09=Manioc/ignames/pommes de terre	Oui = 1, Non = 2	09= Cassava (for garri, fou-fou)	Yes=1, No=2		
C1_701_10	10=Volaille	Oui = 1, Non = 2	10=Chicken / Game Birds	Yes=1, No=2		
C1_701_11	11=Autre viandes (boeufs, chèvre, mouton, cochon, gibier, etc)	Oui = 1, Non = 2	11= Other Meat	Yes=1, No=2		
C1_701_12	12=Poisson et fruits de mer (frais et surgelés)	Oui = 1, Non = 2	12=Fish and Seafood (fresh or frozen)	Yes=1, No=2		
C1_701_13	13=Lait (liquide)	Oui = 1, Non = 2	13=Milk (liquid)	Yes=1, No=2		
C1_701_14	14=Yaourts/Fromages	Oui = 1, Non = 2	14=Yoghurt / Cheese	Yes=1, No=2		
C1_701_15	15=Oeufs	Oui = 1, Non = 2	15=Eggs	Yes=1, No=2		
C1_701_16	16=Beurre, margarine et autres produits à tartiner	Oui = 1, Non = 2	16=Butter, Margarine and other spreads	Yes=1, No=2		

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_701_17	17=Huile de cuisson	Oui = 1, Non = 2	17= Cooking oil	Yes=1, No=2		
C1_701_18	18=Fruits	Oui = 1, Non = 2	18=Fruits	Yes=1, No=2		
C1_701_19	19=Légumes	Oui = 1, Non = 2	19=Vegetables	Yes=1, No=2		
C1_701_20	20=Tomate en conserve	Oui = 1, Non = 2	20 = Canned tomatoes	Yes=1, No=2		
C1_701_21	21=Sucre/Miel	Oui = 1, Non = 2	21=Sugar/Honey	Yes=1, No=2		
C1_701_22	22=Sel/Epices/Condiments	Oui = 1, Non = 2	22=Salt / Spices / Condiments	Yes=1, No=2		
C1_701_23	23=Bouillon/Cube	Oui = 1, Non = 2	23 = "Bouillon/Cube	Yes=1, No=2		
C1_701_24	24=Soumbala	Oui = 1, Non = 2	24 = "Soumbala"	Yes=1, No=2		
C1_701_25	25=Café/thé	Oui = 1, Non = 2	25=Coffee/Tea	Yes=1, No=2		
C1_701_26	26=Boisson non alcoolisées	Oui = 1, Non = 2	26=Soft drinks	Yes=1, No=2		
C1_701_27	27=Dolo/Bangui	Oui = 1, Non = 2	28=Alcoholic drinks	Yes=1, No=2		
C1_701_28	28=Boisson alcoolisées	Oui = 1, Non = 2	28= Other, specify	Yes=1, No=2		
C1_701_29	29=Autres aliments préparés dans les restaurants au bord de la route etc	Oui = 1, Non = 2	29 = Other food cooked in restaurant	Yes=1, No=2		
C1_701_97	97=Autres	Oui = 1, Non = 2	97 = Other	Yes=1, No=2		
C1_702_97 SPEC	Specifiez		Specify			
	Au cours des 7 derniers jours, quelle a été la valeur totale du (de la) [Articles alimentaire] consommé(e) par votre ménage)	FRS CFA	During the past 7 days, what is the <u>total value</u> of the [Food item] that your household <u>consumed</u> ?	FRS CFA		
C1_703_01	01=Mais		01=Maize grain			
C1_703_02	02=Pain/petits pain/ beignets		02= Bread / Buns			
C1_703_03	03=Mil/ Sorgho/Fonio		03= Millet			
C1_703_04	04=Riz		04=Rice			
C1_703_05	05=Niébé/Haricots		05 = Cowpeas / beans			
C1_703_06	06=Blé/farine, pate alimentaires		06=Flour (all types)			
C1_703_07	07=Noix/graines/arachides et pate d'arachide		07=Nuts (palm, and other nuts and seeds)=06;			
C1_703_08	08=Plantes légumineuses sèches (haricots, pois chiche)		08=Dry pulses (beans, cow peas, green gram)			

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_703_09	09=Manioc/ignames/pommes de terre		09= Cassava (for garri, fou-fou)			
C1_703_10	10=Volaille		10=Chicken / Game Birds			
C1_703_11	11=Autre viandes (boeufs, chèvre, mouton, cochon, gibier, etc)		11= Other Meat			
C1_703_12	12=Poisson et fruits de mer (frais et surgelés)		12=Fish and Seafood (fresh or frozen)			
C1_703_13	13=Lait (liquide)		13=Milk (liquid)			
C1_703_14	14=Yaourts/Fromages		14=Yoghurt / Cheese			
C1_703_15	15=Oeufs		15=Eggs			
C1_703_16	16=Beurre, margarine et autres produits à tartiner		16=Butter, Margarine and other spreads			
C1_703_17	17=Huile de cuisson		17= Cooking oil			
C1_703_18	18=Fruits		18=Fruits			
C1_703_19	19=Légumes		19=Vegetables			
C1_703_20	20=Tomate en conserve		20 = Canned tomatoes			
C1_703_21	21=Sucre/Miel		21=Sugar/Honey			
C1_703_22	22=Sel/Epices/Condiments		22=Salt / Spices / Condiments			
C1_703_23	23=Bouillon/Cube		23 = "Bouillon/Cube			
C1_703_24	24=Sombala		24 = "Soumbala"			
C1_703_25	25=Café/thé		25=Coffee/Tea			
C1_703_26	26=Boisson non alcoolisées		26=Soft drinks			
C1_703_27	27=Dolo/Bangui		28=Alcoholic drinks			
C1_703_28	28=Boisson alcoolisées		28= Other, specify			
C1_703_29	29=Autres aliments préparés dans les restaurants au bord de la route etc		29 = Other food cooked in restaurant			
C1_703_97	97=Autres		97 = Other			
	Quelle était la source principale de ce/cet(te) [article alimentaire]?		What was the main source of this [Food item]? Was it mainly produced by the household, bought, or received for free?			
C1_704_01	01=Mais	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	01=Maize grain	Produced by the household = 1; purchased = 2, Received free = 3		

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_704_02	02=Pain/petits pain/ beignets	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	02= Bread / Buns	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_03	03=Mil/ Sorgho/Fonio	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	03= Millet	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_04	04=Riz	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	04=Rice	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_05	05=Niébé/Haricots	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	05 = Cowpeas / beans	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_06	06=Blé/farine, pate alimentaires	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	06=Flour (all types)	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_07	07=Noix/graines/arachides et pate d'arachide	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	07=Nuts (palm, and other nuts and seeds)=06;	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_08	08=Plantes légumineuses sèches (haricots, pois chiche)	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	08=Dry pulses (beans, cow peas, green gram)	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_09	09=Manioc/ignames/pommes de terre	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	09= Cassava (for garri, fou-fou)	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_10	10=Volaille	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	10=Chicken / Game Birds	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_11	11=Autre viandes (boeufs, chèvre, mouton, cochon, gibier, etc)	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	11= Other Meat	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_12	12=Poisson et fruits de mer (frais et surgelés)	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	12=Fish and Seafood (fresh or frozen)	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_13	13=Lait (liquide)	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	13=Milk (liquid)	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_14	14=Yaourts/Fromages	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	14=Yoghurt / Cheese	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_15	15=Oeufs	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	15=Eggs	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_16	16=Beurre, margarine et autres produits à tartiner	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	16=Butter, Margarine and other spreads	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_17	17=Huile de cuisson	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	17= Cooking oil	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_18	18=Fruits	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	18=Fruits	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_19	19=Légumes	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	19=Vegetables	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_20	20=Tomate en conserve	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	20 = Canned tomatoes	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_21	21=Sucre/Miel	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	21=Sugar/Honey	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_22	22=Sel/Epices/Condiments	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	22=Salt / Spices / Condiments	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_23	23=Bouillon/Cube	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	23 = "Bouillon/Cube	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_24	24=Sombala	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	24 = "Soumbala"	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_25	25=Café/thé	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	25=Coffee/Tea	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_26	26=Boisson non alcoolisées	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	26=Soft drinks	Produced by the household = 1; purchased = 2, Received free = 3		

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_704_27	27=Dolo/Bangui	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	28=Alcoholic drinks	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_28	28=Boisson alcoolisées	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	28= Other, specify	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_29	29=Autres aliments préparés dans les restaurants au bord de la route etc	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	29 = Other food cooked in restaurant	Produced by the household = 1; purchased = 2, Received free = 3		
C1_704_97	97=Autres	Produit par le ménage=1; Acheté=2; Recu gratuitement=3	97 = Other			
	Votre ménage a-t-il acheté [Article non alimentaire] au cours des 30 derniers jours ou en a-t-il-recu gratuitement?		Has your household purchased [Non-food item] during the past 30 days or received it for free?		1) Posez d'abord la question (7.05) pour chaque article figurant dans la liste. Inscrivez 1=Oui; 2=Non; 2) Si la réponse a (7.05) est oui; posez (7.06) et (7.07)	1)Ask question (7.05) about each item in the list first. Record 1=Yes; No=2; 2) If the answer to (7.05) is yes, ask (7.06) and (7.07)
C1_705_01	01. Articles de toilettes (savon, mousse à raser, dentifrice, mouchoirs, serviettes hygiéniques)		01=Toiletries (soap, shaving soap, toothpaste, tissues, sanitary towels)			
C1_705_02	02=Bougies/Briquets et allumettes	Oui = 1, Non = 2	02= Candles, lighters and matches	Yes=1, No=2		
C1_705_03	03=Bois/Charbon de bois	Oui = 1, Non = 2	03 = Wood / Charcoal	Yes=1, No=2		
C1_705_04	04=Gaz	Oui = 1, Non = 2	04 = Gas	Yes=1, No=2		
C1_705_05	05=Eau achetée	Oui = 1, Non = 2	05 = Purchased water	Yes=1, No=2		
C1_705_06	06=Pétrole	Oui = 1, Non = 2	06 = Oil	Yes=1, No=2		
C1_705_07	07=Electricité	Oui = 1, Non = 2	07 = Electricity	Yes=1, No=2		
C1_705_08	08=Loyer	Oui = 1, Non = 2	08 = Rental	Yes=1, No=2		
C1_705_09	09=Domestiques	Oui = 1, Non = 2	09 = Domestic/household	Yes=1, No=2		
C1_705_10	10=Savon/détergent & autres produits d'entretien	Oui = 1, Non = 2	10 = Soap / detergent & other cleaning products	Yes=1, No=2		
C1_705_11	11 = Produits cosmétiques et de soins corporels	Oui = 1, Non = 2	11 = Cosmetics and personal care	Yes=1, No=2		
C1_705_12	12=Carburant, lubrifiant et entretien pour véhicule privé	Oui = 1, Non = 2	12 =Fuel and lubrication for personal vehicle – Exclude costs of fuel used for business use of vehicle (Taxi, trading business, etc)	Yes=1, No=2		
C1_705_13	13=Transports en commun (pour aller au travail et en revenir)	Oui = 1, Non = 2	13 = Public transport (to and from work)	Yes=1, No=2		

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_705_14	14=Transports en commun (pour aller à l'école et en revenir)	Oui = 1, Non = 2	14 = Public transport (to and from school)	Yes=1, No=2		
C1_705_15	15=Transports en commun (pour aller à un établissement de santé et en revenir)	Oui = 1, Non = 2	15 = Public transport (to and from health facility)	Yes=1, No=2		
C1_705_16	16=Autres transports en commun	Oui = 1, Non = 2	16 = Other public transport	Yes=1, No=2		
C1_705_17	17=Voyages et transports	Oui = 1, Non = 2	17 = Travels and transportations	Yes=1, No=2		
C1_705_18	18=Réparation des équipements du ménage (radio, télé, réfrigérateur,...)	Oui = 1, Non = 2	18 = Reparation of household equipments (radio, TV, fridge, ...)	Yes=1, No=2		
C1_705_19	19=Assurance maladie	Oui = 1, Non = 2	19 = Health insurance	Yes=1, No=2		
C1_705_20	20=Honoraires de dentistes et frais liés	Oui = 1, Non = 2	20 = Dentist fees and related expenses	Yes=1, No=2		
C1_705_21	21=Honoraires de consultations médicales, médecins et infirmières sages-femmes, etc. (à l'exclusion des actes d'hôpital)	Oui = 1, Non = 2	21 = Health care consultation fees, western doctors and nurses, midwives etc. (not including hospital bills)	Yes=1, No=2		
C1_705_22	22=Médicaments et injections	Oui = 1, Non = 2	22 = Medication and injections	Yes=1, No=2		
C1_705_23	23=Honoraires de laboratoires, honoraires de radiographie et autres actes d'hôpital	Oui = 1, Non = 2	23 = Laboratory fees, X-rays fees	Yes=1, No=2		
C1_705_24	24=Honoraires de consultation de docteurs traditionnels, guérisseurs, etc.	Oui = 1, Non = 2	24 = Consultation fees with traditional doctors, healers, etc.	Yes=1, No=2		
C1_705_25	25=Autres frais liés à la santé	Oui = 1, Non = 2	25 = Other health related expenditures	Yes=1, No=2		
C1_705_26	26=Téléphone (appels, cartes de recharge, etc.)	Oui = 1, Non = 2	26 = Telephone (Telephone calls, cards, flexicards, recharge vouchers, etc.)	Yes=1, No=2		
C1_705_27	27=Frais Internet (y compris les cybercafés)	Oui = 1, Non = 2	27 = Internet charges (including Cyber cafes)	Yes=1, No=2		
C1_705_28	28 = Tabac/Cigarette	Oui = 1, Non = 2	28 = Tabac/Cigarette	Yes=1, No=2		
C1_705_29	29 = Loisirs (Cinéma, Vidéoclub, Sport, Lecture)	Oui = 1, Non = 2	29 = Spare time (cinema, sport, reading)	Yes=1, No=2		
	Au cours des 30 derniers jours , combien vosres ménage a-t-il dépensé pour [Article non alimentaire]	FRS CFA	In the past 30 days, how much did your household spend on [Non-food item]?	FRS CFA	Inscrivez zero si montant egal a zero	Write zero if nothing
C1_706_01	01. Articles de toilettes (savon, mousse à raser, dentifrice, mouchoirs, serviettes hygiéniques)		01=Toiletries (soap, shaving soap, toothpaste, tissues, sanitary towels)			
C1_706_02	02=Bougies/Briquets et allumettes		02= Candles, lighters and matches			
C1_706_03	03=Bois/Charbon de bois		03 = Wood / Charcoal			
C1_706_04	04=Gaz		04 = Gas			

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_706_05	05=Eau achetée		05 = Purchased water			
C1_706_06	06=Pétrole		06 = Oil			
C1_706_07	07=Electricité		07 = Electricity			
C1_706_08	08=Loyer		08 = Rental			
C1_706_09	09=Domestiques		09 = Domestic/household			
C1_706_10	10=Savon/détergent & autres produits d'entretien		10 = Soap / detergent & other cleaning products			
C1_706_11	11=Produits cosmétiques et de soins corporels		11 = Cosmetics and personal care			
C1_706_12	12=Carburant, lubrifiant et entretien pour véhicule privé		12 =Fuel and lubrication for personal vehicle – Exclude costs of fuel used for business use of vehicle (Taxi, trading business, etc)			
C1_706_13	13=Transports en commun (pour aller au travail et en revenir)		13 = Public transport (to and from work)			
C1_706_14	14=Transports en commun (pour aller à l'école et en revenir)		14 = Public transport (to and from school)			
C1_706_15	15=Transports en commun (pour aller à un établissement de santé et en revenir)		15 = Public transport (to and from health facility)			
C1_706_16	16=Autres transports en commun		16 = Other public transport			
C1_706_17	17=Voyages et transports		17 = Travels and transportations			
C1_706_18	18=Réparation des équipements du ménage (radio, télé, réfrigérateur,...)		18 = Reparation of household equipments (radio, TV, fridge, ...)			
C1_706_19	19=Assurance maladie		19 = Health insurance			
C1_706_20	20=Honoraires de dentistes et frais liés		20 = Dentist fees and related expenses			
C1_706_21	21=Honoraires de consultations médicales, médecins et infirmières sages-femmes, etc. (à l'exclusion des actes d'hôpital)		21 = Health care consultation fees, western doctors and nurses, midwives etc. (not including hospital bills)			
C1_706_22	22=Médicaments et injections		22 = Medication and injections			
C1_706_23	23=Honoraires de laboratoires, honoraires de radiographie et autres actes d'hôpital		23 = Laboratory fees, X-rays fees			
C1_706_24	24=Honoraires de consultation de docteurs traditionnels, guérisseurs, etc.		24 = Consultation fees with traditional doctors, healers, etc.			
C1_706_25	25=Autres frais liés à la santé		25 = Other health related expenditures			

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_706_26	26=Téléphone (appels, cartes de recharge, etc.)		26 = Telephone (Telephone calls, cards, flexicards, recharge vouchers, etc.)			
C1_706_27	27=Frais Internet (y compris les cybercafés)		27 = Internet charges (including Cyber cafes)			
C1_706_28	28=Tabac/Cigarette		28 = Tabac/Cigarette			
C1_706_29	29=Loisirs (Cinéma, Vidéoclub, Sport, Lecture)		29 = Spare time (cinema, sport, reading)			
	Au cours des 30 derniers jours, quelle a été la valeur de [Article non alimentaire] que votre ménage a reçu gratuitement ou contre paiement en nature?	FRS CFA	In the past 30 days, what is the value of [Non-food item] your household received for free or against an in-kind payment?			
C1_707_01	01. Articles de toilettes (savon, mousse à raser, dentifrice, mouchoirs, serviettes hygiéniques)		01=Toilettries (soap, shaving soap, toothpaste, tissues, sanitary towels)	FRS CFA	Inscrivez zero si montant egal a zero	Write zero if nothing
C1_707_02	02=Bougies/Briquets et allumettes		02= Candles, lighters and matches			
C1_707_03	03=Bois/Charbon de bois		03 = Wood / Charcoal			
C1_707_04	04=Gaz		04 = Gas			
C1_707_05	05=Eau achetée		05 = Purchased water			
C1_707_06	06=Pétrôle		06 = Oil			
C1_707_07	07=Electricité		07 = Electricity			
C1_707_08	08=Loyer		08 = Rental			
C1_707_09	09=Domestiques		09 = Domestic/household			
C1_707_10	10=Savon/détergent & autres produits d'entretien		10 = Soap / detergent & other cleaning products			
C1_707_11	11=Produits cosmétiques et de soins corporels		11 = Cosmetics and personal care			
C1_707_12	12=Carburant, lubrifiant et entretien pour véhicule privé		12 =Fuel and lubrication for personal vehicle – Exclude costs of fuel used for business use of vehicle (Taxi, trading business, etc)			
C1_707_13	13=Transports en commun (pour aller au travail et en revenir)		13 = Public transport (to and from work)			
C1_707_14	14=Transports en commun (pour aller à l'école et en revenir)		14 = Public transport (to and from school)			
C1_707_15	15=Transports en commun (pour aller à un établissement de santé et en revenir)		15 = Public transport (to and from health facility)			
C1_707_16	16=Autres transports en commun		16 = Other public transport			

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_707_17	17=Voyages et transports		17 = Travels and transportations			
C1_707_18	18=Réparation des équipements du ménage (radio, télé, réfrigérateur,...)		18 = Reparation of household equipments (radio, TV, fridge, ...)			
C1_707_19	19=Assurance maladie		19 = Health insurance			
C1_707_20	20=Honoraires de dentistes et frais liés		20 = Dentist fees and related expenses			
C1_707_21	21=Honoraires de consultations médicales, médecins et infirmières sages-femmes, etc. (à l'exclusion des actes d'hôpital)		21 = Health care consultation fees, western doctors and nurses, midwives etc. (not including hospital bills)			
C1_707_22	22=Médicaments et injections		22 = Medication and injections			
C1_707_23	23=Honoraires de laboratoires, honoraires de radiographie et autres actes d'hôpital		23 = Laboratory fees, X-rays fees			
C1_707_24	24=Honoraires de consultation de docteurs traditionnels, guérisseurs, etc.		24 = Consultation fees with traditional doctors, healers, etc.			
C1_707_25	25=Autres frais liés à la santé		25 = Other health related expenditures			
C1_707_26	26=Téléphone (appels, cartes de recharge, etc.)		26 = Telephone (Telephone calls, cards, flexicards, recharge vouchers, etc.)			
C1_707_27	27=Frais Internet (y compris les cybercafés)		27 = Internet charges (including Cyber cafes)			
C1_707_28	28=Tabac/Cigarette		28 = Tabac/Cigarette			
C1_707_29	29=Loisirs (Cinéma, Vidéoclub, Sport, Lecture)		29 = Spare time (cinema, sport, reading)			
	Votre ménage a-t-il acheté [Article non alimentaire] au cours des 12 derniers mois ou en a-t-il reçu gratuitement?		Has your household purchased [Non-food item] during the past 12 months or received it for free?			

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_708_01	01=Vêtements, tissus et couture	Oui = 1, Non = 2	01=Clothing material and tailoring	Yes=1, No=2	1)Posez d'abord la question (7,08) pour chaque article figurant dans la liste inscrivez 1=Oui; 2=Non: 2) Si la reponse A (7,08) est oui; Posez (7,09) et (7,10) . Si la reponse A (7,08) Est non aller a la ligne suivante	1) Ask question (7.08) about each item in the list first. Record 1=Yes; 2=No; 2)If the answer to (7.08) is yes, ask (7.09) and (7.10)
C1_708_02	02=Chaussures	Oui = 1, Non = 2	02=Shoes and footwear	Yes=1, No=2		
C1_708_03	03=Meubles	Oui = 1, Non = 2	03=Furniture=03;	Yes=1, No=2		
C1_708_04	04=Ustensiles de ménage (coutellerie, verres, assiettes, etc.)	Oui = 1, Non = 2	04=Household utensils (cutlery, glassware, plates, etc.)	Yes=1, No=2		
C1_708_05	05=Frais de scolarité et de pensionnat	Oui = 1, Non = 2	05=Tuition and boarding costs	Yes=1, No=2		
C1_708_06	06=Honoraires et taxes pour les associations de parent d'élèves	Oui = 1, Non = 2	06= Parent association fees and levies	Yes=1, No=2		
C1_708_07	07=Livres de classe	Oui = 1, Non = 2	07=Textbooks	Yes=1, No=2		
C1_708_08	08=Uniformes et autres articles	Oui = 1, Non = 2	08= Uniforms and other materials	Yes=1, No=2		
C1_708_09	09=Autres frais d'éducation	Oui = 1, Non = 2	09=Other Education fees	Yes=1, No=2		
C1_708_10	10=Versements envoyés à des parents, amis	Oui = 1, Non = 2	10=Remittances sent to family, friends	Yes=1, No=2		
C1_708_11	11=Enterréments (y compris les contributions versées)	Oui = 1, Non = 2	11=Funerals (including contributions given out)	Yes=1, No=2		
C1_708_12	12=Fêtes (mariages, anniversaires, baptêmes, etc.)	Oui = 1, Non = 2	12=Parties (wedding, birthday, child naming, etc)	Yes=1, No=2		
C1_708_13	13=Roulants (voitures, motos, bicyclettes, etc.)	Oui = 1, Non = 2	13= Vehicles (cars, motor cycles, bicycles, etc.)	Yes=1, No=2		
C1_708_14	14= Assurance véhicule roulant	Oui = 1, Non = 2	14 = Insurance for vehicles	Yes=1, No=2		
C1_708_15	15=Bijoux, horloges et montres	Oui = 1, Non = 2	15=Jewelry, clocks and watches	Yes=1, No=2		
C1_708_16	16=Réparation et entretien du domicile	Oui = 1, Non = 2	16=Home repairs and maintenance	Yes=1, No=2		
C1_708_17	17=Frais de santé (hospitalisation)	Oui = 1, Non = 2	17=Hospital bills	Yes=1, No=2		

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_708_18	18=Semences	Oui = 1, Non = 2	18 = Seeds/brad	Yes=1, No=2		
C1_708_19	19=Engrais	Oui = 1, Non = 2	19 = Fertilizer	Yes=1, No=2		
C1_708_20	20=Produits phytosanitaires	Oui = 1, Non = 2	20 = Pesticides	Yes=1, No=2		
C1_708_21	21=Main d'oeuvre agricole	Oui = 1, Non = 2	21 = Agricultural labor	Yes=1, No=2		
C1_708_22	22=Réparation de matériel agricole	Oui = 1, Non = 2	22 = Reparation of agricultural equipments	Yes=1, No=2		
C1_708_23	23=Location de matériel agricole	Oui = 1, Non = 2	23 = Rente of agricultural equipments	Yes=1, No=2		
	Au cours des 12 derniers mois , combien votres ménage a-t-il dépensé pour [Article non alimentaire]	FRS CFA	In the past 12 months, how much did your household spend on [Non-food item]?	FRS CFA	Inscrivez zero si montant egal a zero	Write zero if nothing
C1_709_01	01=Vêtements, tissus et couture		01=Clothing material and tailoring			
C1_709_02	02=Chaussures		02=Shoes and footwear			
C1_709_03	03=Meubles		03=Furniture=03;			
C1_709_04	04=Ustensiles de ménage (coutellerie, verres, assiettes, etc.)		04=Household utensils (cutlery, glassware, plates, etc.)			
C1_709_05	05=Frais de scolarité et de pensionnat		05=Tuition and boarding costs			
C1_709_06	06=Honoraires et taxes pour les associations de parent d'élèves		06= Parent association fees and levies			
C1_709_07	07=Livres de classe		07=Textbooks			
C1_709_08	08=Uniformes et autres articles		08= Uniforms and other materials			
C1_709_09	09=Autres frais d'éducation		09=Other Education fees			
C1_709_10	10=Versements envoyés à des parents, amis		10=Remittances sent to family, friends			
C1_709_11	11=Enterrements (y compris les contributions versées)		11=Funerals (including contributions given out)			
C1_709_12	12=Fêtes (mariages, anniversaires, baptêmes, etc.)		12=Parties (wedding, birthday, child naming, etc)			
C1_709_13	13=Roulants (voitures, motos, bicyclettes, etc.)		13= Vehicles (cars, motor cycles, bicycles, etc.)			
C1_709_14	14= Assurance véhicule roulant		14 = Insurance for vehicles			
C1_709_15	15=Bijoux, horloges et montres		15=Jewelry, clocks and watches			
C1_709_16	16=Réparation et entretien du domicile		16=Home repairs and maintenance			
C1_709_17	17=Frais de santé (hospitalisation)		17=Hospital bills			

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_709_18	18=Semences		18 = Seeds/brad			
C1_709_19	19=Engrais		19 = Fertilizer			
C1_709_20	20=Produits phytosanitaires		20 = Pesticides			
C1_709_21	21=Main d'oeuvre agricole		21 = Agricultural labor			
C1_709_22	22=Rèparation de matériel agricole		22 = Reparation of agricultural equipments			
C1_709_23	23=Location de matériel agricole		23 = Rente of agricultural equipments			
	Au cours des 12 derniers mois , quelle a été la valeur de [Article non alimentaire] que votre ménage a reçu gratuitement ou contre paiement en nature?	FRS CFA	In the past 12 months, what is the value of [Non-food item] your household received for free or against an in-kind payment?	FRS CFA	Inscrivez zero si montant égal a zero	Write zero if nothing
C1_710_01	01=Vêtements, tissus et couture		01=Clothing material and tailoring			
C1_710_02	02=Chaussures		02=Shoes and footwear			
C1_710_03	03=Meubles		03=Furniture=03;			
C1_710_04	04=Ustensiles de ménage (coutellerie, verres, assiettes, etc.)		04=Household utensils (cutlery, glassware, plates, etc.)			
C1_710_05	05=Frais de scolarité et de pensionnat		05=Tuition and boarding costs			
C1_710_06	06=Honoraires et taxes pour les associations de parent d'élèves		06= Parent association fees and levies			
C1_710_07	07=Livres de classe		07=Textbooks			
C1_710_08	08=Uniformes et autres articles		08= Uniforms and other materials			
C1_710_09	09=Autres frais d'éducation		09=Other Education fees			
C1_710_10	10=Versements envoyés à des parents, amis		10=Remittances sent to family, friends			
C1_710_11	11=Enterrements (y compris les contributions versées)		11=Funerals (including contributions given out)			
C1_710_12	12=Fêtes (mariages, anniversaires, baptêmes, etc.)		12=Parties (wedding, birthday, child naming, etc)			
C1_710_13	13=Roulants (voitures, motos, bicyclettes, etc.)		13= Vehicles (cars, motor cycles, bicycles, etc.)			
C1_710_14	14= Assurance véhicule roulant		14 = Insurance for vehicles			
C1_710_15	15=Bijoux, horloges et montres		15=Jewelry, clocks and watches			
C1_710_16	16=Rèparation et entretien du domicile		16=Home repairs and maintenance			
C1_710_17	17=Frais de santé (hospitalisation)		17=Hospital bills			

Questionnaire C1

Dépenses	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_710_18	18=Semences		18 = Seeds/brad			
C1_710_19	19=Engrais		19 = Fertilizer			
C1_710_20	20=Produits phytosanitaires		20 = Pesticides			
C1_710_21	21=Main d'oeuvre agricole		21 = Agricultural labor			
C1_710_22	22=Rèparation de matériel agricole		22 = Reparation of agricultural equipments			
C1_710_23	23=Location de matériel agricole		23 = Rente of agricultural equipments			

Questionnaire C1

Mortalite	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_801	Y-a-t-il eu décès d'un adulte, d'un enfant ou d'un nourrisson vivant dans ce ménage, au cours des 12 derniers mois?	Oui=1; Non=2	Has there been a death of any adult, child or infant living in this household in the past 12 months?	Yes=1; No=2		
C1_802	Au cours des 12 derniers mois, un bébé qui venait de naître a-t-il pleuré ou montré des signes de vie mais survécu que quelques minutes, heures ou jours?	Oui=1; Non=2	In the past 12 months, has there been any baby who cried or showed signs of life but only survived a few minutes, hours or days?	Yes=1; No=2	Traitez ce nouveau-né comme un membre décédé du ménage	Treat any such baby as a deceased household member
C1_803	Combien de membres du ménage sont-ils morts au cours des 12 derniers mois?	Nombre	How many household members died in the past 12 months?		S'il n'y en a eu aucun, inscrivez "0" puis → (9,01)	If there was none, enter "0" → then (9.01)
C1_800C	Code du décédé		ID of dead household member			
C1_800N	Nom et prénom du décédé (e)		Name of dead household member			
C1_804	Quelle est la date du décès ?	Mois; Année	What was the date of death?	Month/Year	Si le répondant ne connaît pas l'année ou le mois, inscrivez "98"	If the respondent does not know the year or the month, enter "98"
C1_805	Quel est le sexe de la personne décédée ?	Masculin=1; Feminin=2	What was the gender of the deceased?	Male=1; Female=2		
C1_806_C ODE	Quel âge avait-[il /elle] lors de son décès? (Précisez l'unité de mesure)	Jours=1; Mois=2; Années=3	How old was [he/she] when [he/she] passed away?	Days = 1, Months = 2, Years = 3		
C1_806_N OMBRE	Quel âge avait-[il /elle] lors de son décès? (Précisez nombre)		How old was [he/she] when [he/she] passed away?		Inscrivez l'âge en jours, Mois ou années	Record age in days, months or years
C1_807	Quel était le lien de parenté entre la personne décédée et le chef du ménage?	Conjoint (femme/mari=01; Propre fils/fille =02; Enfant d'un autre mariage conjoint=03; Beau-fils/belle-fille=04; Petit-fils/petite-fille=05; Frère/soeur=06; Parent=7; Beau-parent=08; Nièce/neveu=09; Autre membre de la famille=10; Aide domestique=11; Autre, Non membre de la famille=12; Autre=97	What was the relationship of the deceased to the head of household?	Spouse (Wife/Husband) = 01; Own son/Daughter = 02; Step son / Daughter = 03, Son/Daughter in law = 04, Grandchild = 05; Brother/Sister = 06; Parent = 07, Parent in law = 08; Niece/Nephew = 09; Other relative = 10; Domestic help =11, Other non relative = 12; other = 97		
C1_808	Specifiez		Specify			
C1_809	Le décès était-il lié à la grossesse ?	Oui=1; Non=2	Was the death linked to the pregnancy?	Yes=1; No=2		
C1_810	Le décès était-il lié à l'accouchement ?	Oui=1; Non=2	Was the death linked to the delivery?	Yes = 1; No = 2		
C1_811	Le décès était-il survenu dans les deux mois suivant la fin d'une grossesse ou d'un accouchement?	Oui=1; Non=2	Did the death occur within the two months following the delivery?	Yes=1; No=2		
C1_812	Où est-[il / elle] décédé(e) ?	à la maison=1; Dans une autre maison=2; Dans la rue=3; Sur le chemin du csps/cma=4; Dans un csps/cm=5; Dans un hopital/cma=6, Autre=97	Where did [he/she] die?	At home = 1, in another home = 2, In the street = 3, In a clinic = 4, In a hospital = 5, Other = 97		

Questionnaire C1

Mortalite	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_813	Specifiez		Specify			

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_900	Numéro d'ordre de l'enquêté(e)					
C1_901	Code d'identification de la personne qui a répondu au nom de l'enfant <15 ans		ID Code of caregiver (person who responded on behalf of child <15yrs)			
C1_902	Comment a été votre état de santé/l'état de santé de [nom] durant les 12 derniers mois?	Très bon=1; Bon=2; Moyen=3; Mauvais=4; Très mauvais=5	Currently, how is your/[name]'s health in a normal day, would you say it is excellent, good, fair or poor?	Excellent=1; Good=2; Fair=3; Poor=4		
C1_903	Souffrez-vous/[nom] souffre-t-il/elle d'handicap ou de maladies chroniques?	Oui=1; Non=2	Do you/Does [name] suffer from any disabilities or chronic illnesses?	Yes=1; No=2	Répondant=2→(9,06)	Response=2→(9,06)
C1_904A	De quels handicaps ou maladies chroniques souffrez-vous/ [nom] souffre-t-il/elle principalement?	Handicaps: Handicap physique=01; Handicap mental=02; Cécité=03; Surditè/Mutitè=04; Autre handicap=05. Maladie Chronique: Trouble cardiaque=06; Diabète=07; èpilepsie=08; Asthme=09; Ulcers gastriques=10; Incontinence urinaire=11; Cancer=12; VIH/SIDA=13; Tuberculose=14; Hypertension=15; Douleurs articulaires=16; Autre malaide chronique=97	What disabilities or chronic illnesses do you/[name] suffer from?	Disabilities: Physical disability=01; Mental disability=02; Blindness=03; Deafness/Sumbness=04; Other disability=05; Chronic illness:heart condition=06; Diabetes=07; Epileps=08; Asthma=09; Cancer=10; HIV/AIDS=11; Tuberculosis=12; Other chronic illness=97		
C1_904B	De quels handicaps ou maladies chroniques souffrez-vous / [nom] souffre t-il principalement?	Handicaps: Handicap physique=01; Handicap mental=02; Cécité=03; Surditè/Mutitè=04; Autre handicap=05. Maladie Chronique: Trouble cardiaque=06; Diabète=07; èpilepsie=08; Asthme=09; Ulcers gastriques=10; Incontinence urinaire=11; Cancer=12; VIH/SIDA=13; Tuberculose=14; Hypertension=15; Douleurs articulaires=16; Autre malaide chronique=97	What disabilities or chronic illnesses do you/[name] suffer from?	Disabilities: Physical disability=01; Mental disability=02; Blindness=03; Deafness/Sumbness=04; Other disability=05; Chronic illness:heart condition=06; Diabetes=07; Epileps=08; Asthma=09; Cancer=10; HIV/AIDS=11; Tuberculosis=12; Other chronic illness=97		
C1_904C	De quels handicaps ou maladies chroniques souffrez-vous / [nom] souffre t-il principalement?	Handicaps: Handicap physique=01; Handicap mental=02; Cécité=03; Surditè/Mutitè=04; Autre handicap=05. Maladie Chronique: Trouble cardiaque=06; Diabète=07; èpilepsie=08; Asthme=09; Ulcers gastriques=10; Incontinence urinaire=11; Cancer=12; VIH/SIDA=13; Tuberculose=14; Hypertension=15; Douleurs articulaires=16; Autre malaide chronique=97	What disabilities or chronic illnesses do you/[name] suffer from?	Disabilities: Physical disability=01; Mental disability=02; Blindness=03; Deafness/Sumbness=04; Other disability=05; Chronic illness:heart condition=06; Diabetes=07; Epileps=08; Asthma=09; Cancer=10; HIV/AIDS=11; Tuberculosis=12; Other chronic illness=97		

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_905	Etant donnée votre santé actuelle/la santé actuelle de [nom], comment êtes-vous/[nom] est-il/elle en mesure d'effectuer vos/ses activités quotidiennes (travail, école, etc.)	Aisément=1; Difficilement=2; Très difficilement=3; Incapable de le faire=4	Given your/[name]'s health, how are you/[name] currently able to do daily activities such as work, school, etc?	Easily=1; With some difficulty=2; With much difficulty=3; Unable to do=4		
C1_906	Etes-vous/[nom] est-il/elle/présentement couvert (e) par une assurance maladie	Oui=1; Non=2	Are you/[name] currently covered under a health insurance scheme?	Yes=1;No=2		
C1_907	Au cours des 4 dernières semaines, avez-vous/[nom] a-t-il/elle été malade, ou souffrez-vous/souffre-t-il/elle d'une maladie ou blessure, en dehors des handicaps ou des maladies chroniques?	Oui=1; Non=2	In the last 4 weeks, have you/[name] been sick or suffering from any illness or injury, excluding disabilities or chronic illnesses?	Yes=1;No=2		
C1_908_1	Quels symptômes avez-vous/[nom] a-t-il ressenti au cours de cette maladie?					
C1_908_2	Quels symptômes avez-vous /[nom] a-t-il ressenti au cours de cette maladie?					
C1_908_3	Quels symptômes avez-vous /[nom] a-t-il ressenti au cours de cette maladie?					
C1_909	Connaissez-vous le nom de votre maladie?	Oui = 1, Non = 2, Ne sait pas = 98	Do you know the name of your disease?	Yes = 1, No = 2, Dont know = 98		
C1_910	Si oui, quel est-il?		If yes, specify the disease			
C1_911	Qui vous a dit le nom de votre maladie?	Evident = 1; Guérisseur = 2; Personnel de santé = 3; Moi-même = 4, Autre personne = 97; Ne sait Pas = 98	Who told you the name of your disease?	Obvious = 1; Guérisseur = 2; Personnel de santé = 3; Moi-même = 4, Autre personne = 97; Ne sait Pas = 98		
C1_912	A quelle date ont débuté les symptômes	jj/mm/aaaa	How long ago did the illness start?	jj/mm/aaaa		
C1_913	Aujourd'hui, vos symptômes sont-ils terminés?	Oui = 1; Non = 2		Yes = 1, No = 2		
C1_914	A quelle date les symptômes ont-ils cessé	jj/mm/aaaa	How long ago did the illness stop?	jj/mm/aaaa		
C1_915	Au cours des 4 dernières semaines, combien de jours de travail, d'école de je ou d'autres activités principales avez-vous/[nom] a-t-il/elle manqué du fait de sa mauvaise santé?	Jours	In the last 4 weeks, how many days of work, school, playing, or other main activities did you/[name] miss due to poor health?	Days		
C1_916	Au cours des 4 dernières semaines, combien de jours avez-vous/[nom] a-t-il/elle du rester alité(e) du fait de votre/sa mauvaise santé?	Jours	In the last 4 weeks, how many days was you/[name] confined to bed due to poor health?	Days		

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_917	Comment jugez-vous le degré de sévérité de cette maladie?	Aucun effet sur les activités=1; Incapacité à continuer des loisirs (activités sportives, loisirs)=2; Incapacité à maintenir une activité professionnelle ou la scolarisation (champs,...)=3; Incapacité à réaliser les activités quotidiennes (préparer les repas, confectionner des outils,)=4; Incapacité à réaliser les activités vitales (manger, faire sa toilette)=5	How do you rate the severity of this disease?	No effect on the activities = 1; Inability to continue spare time (sports, reading) = 2; Inability to maintain an occupation or school attending (fields, ...) = 3; Inability to realized daily activities (preparing meals, make tools) = 4; Inability to perform vital activities (eating, toileting) = 5		
C1_918	Avez-vous effectué une quelconque démarche pour vous soigner que ce soit chez un guérisseur, de l'automédication ou une consultation dans un centre de santé?	Oui=1; Non=2	Did you/[name] go to any health facility, health personnel or traditional healer to seek care for this illness?	Yes=1; No=2	Répondant=2→(9,24)	Response=2→(9,24)
C1_919	Combien de temps après le début de votre/sa maladie avez-vous/[nom] a-t-il/elle attend avant de chercher à se faire soigner pour la 1ère fois?	Dans les 24 heures=1; Entre 24 et 48 heures=2; Dans la même semaine=3; Dans les 15 jours=4; Dans les 3 semaines=5; Plus de 3 semaines =6	How long after the illness started did you/[nyme] seek care?	Within 24 hours=1; Between 24 and 48 hours=2; Same week=3; Within 2 weeks=4; Within 3 weeks=5; More than 3 weeks=6		
C1_920_1	Quel genre de soins avez-vous choisi et dans quel ordre (1ère position)?	CSPS/ CMA/Hôpital = 1, Tradipraticien = 2, Automédication moderne = 3, Automédication traditionnelle = 4, Médecine chinoise = 5, Agent de santé communautaire = 6, Prière de guérison=7	What kind of care did you choose and in what order (1st position)?	CSPS / CMA / Hospital = 1, tradipractitioner = 2, modern self-medication = 3, traditional Selfmedication = 4, Chinese Medicine = 5, Community Health Worker = 6, Prayer = 7	Pour les questions (9,18) à (9,20) utilisez la même structure en 3 recours aux soins et mettez toujours les réponses dans le même ordre	For questions (9.18) to (9.20) using the same structure 3 seeking care and always put the answers in the same order
C1_920_2	Quel genre de soins avez-vous choisi et dans quel ordre ? (2ème position)	CSPS/ CMA/Hôpital = 1, Tradipraticien = 2, Automédication moderne = 3, Automédication traditionnelle = 4, Médecine chinoise = 5, Agent de santé communautaire = 6, Prière de guérison=7	What kind of care did you choose and in what order (1st position)?	CSPS / CMA / Hospital = 1, tradipractitioner = 2, modern self-medication = 3, traditional Selfmedication = 4, Chinese Medicine = 5, Community Health Worker = 6, Prayer = 7		
C1_920_3	Quel genre de soins avez-vous choisi et dans quel ordre ? (3ème position)	CSPS/ CMA/Hôpital = 1, Tradipraticien = 2, Automédication moderne = 3, Automédication traditionnelle = 4, Médecine chinoise = 5, Agent de santé communautaire = 6, Prière de guérison=7	What kind of care did you choose and in what order (1st position)?	CSPS / CMA / Hospital = 1, tradipractitioner = 2, modern self-medication = 3, traditional Selfmedication = 4, Chinese Medicine = 5, Community Health Worker = 6, Prayer = 7		

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_921_1_NOM	Dans quel village/quartier avez-vous/[nom] a-t-il/elle cherché premièrement à se faire soigner?		In which village/quarter did you/[name] seek care first? (first name)		Si village hors district, notez 99. Pour chacun des recours aux soins, notez le nom du village et le code dans la colonne correspondante, mettez toujours les réponses dans le même ordre	If outside the village district, note 99. For each care use, note the name of the village and the code in the corresponding column, always put the answers in the same order
C1_921_1_CODE	Saisir le code du village/quartier (1ère position)		Enter le village code (first position)			
C1_921_2_NOM	Dans quel village/quartier avez-vous / [NOM] a-t-il/elle cherché premièrement à se faire soigner?		In which village/quarter did you/[name] seek care first? (second name)			
C1_921_2_CODE	Saisir le code du village/quartier (2ème position)		Enter le village code (second position)			
C1_921_3_NOM	Dans quel village/quartier avez-vous / [NOM] a-t-il/elle cherché premièrement à se faire soigner?		In which village/quarter did you/[name] seek care first? (third name)			
C1_921_3_CODE	Saisir le code du village/quartier (3ème position)		Enter le village code (third position)			
C1_922_1	Dans ce village, ou exactement avez-vous/[nom] a-t-il/elle cherché à se faire soigner?	Hopital regional = 1, Hopital de district/CMA = 2, Centre Medical = 3, CSPS = 4, Dispensaire ou maternité isolée = 5, Formation sanitaire privée à but lucratif = 6, Formation sanitaire privée confessionnelle = 7, Infirmerie privée = 8, Agent de santé communautaire = 9, Guérisseur = 10, Pharmacie privée = 11, Vendeur ambulancier/marché = 12, Médecine chinoise = 13, Autre = 97	In that village, where did you/[name] seek care exactly?	Regional hospital = 1, Hospital District / CMA = 2, Medical Centre = 3, CSPS = 4, Isolated dispensary maternity or = 5, for-profit private health = 6 Training, Private Health Facility confessionnal = 7, Private Infirmary=8, Community health worker = 9, healer = 10, private Pharmacy = 11, Vendor / market = 12, Chinese medicine = 13, Other = 97	Répondant=08→ 9,26; Répondant=09→ 9,24; Répondant=10→9,24; Répondant=11→ 9,24; Répondant=12→ 9,24; Répondant=13→9,24; Autre=97→ 9,24	Response=08→ 9,26; Response=09→ 9,24; Response=10→9,24; Response=11→ 9,24; Response=12→ 9,24; Response=13→9,24; Other=97→ 9,24

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_922_2	Dans ce village, où exactement avez-vous / [NOM] a-t-il/elle cherché à se faire soigner?	Hopital regional = 1, Hopital de district/CMA = 2, Centre Medical = 3, CSPS = 4, Dispensaire ou maternité isolée = 5, Formation sanitaire privée à but lucratif = 6, Formation sanitaire privée confessionnelle = 7, Infirmerie privée = 8, Agent de santé communautaire = 9, Guérisseur = 10, Pharmacie privée = 11, Vendeur ambulant/marché = 12, Médecine chinoise = 13, Autre = 97	In that village, where did you/[name] seek care exactly?	Regional hospital = 1, Hospital District / CMA = 2, Medical Centre = 3, CSPS = 4, Isolated dispensary maternity or = 5, for-profit private health = 6 Training, Private Health Facility confessionnal = 7, Private Infirmary=8, Community health worker = 9, healer = 10, private Pharmacy = 11, Vendor / market = 12, Chinese medicine = 13, Other = 97		
C1_922_3	Dans ce village, où exactement avez-vous / [NOM] a-t-il/elle cherché à se faire soigner?	Hopital regional = 1, Hopital de district/CMA = 2, Centre Medical = 3, CSPS = 4, Dispensaire ou maternité isolée = 5, Formation sanitaire privée à but lucratif = 6, Formation sanitaire privée confessionnelle = 7, Infirmerie privée = 8, Agent de santé communautaire = 9, Guérisseur = 10, Pharmacie privée = 11, Vendeur ambulant/marché = 12, Médecine chinoise = 13, Autre = 97	In that village, where did you/[name] seek care exactly?	Regional hospital = 1, Hospital District / CMA = 2, Medical Centre = 3, CSPS = 4, Isolated dispensary maternity or = 5, for-profit private health = 6 Training, Private Health Facility confessionnal = 7, Private Infirmary=8, Community health worker = 9, healer = 10, private Pharmacy = 11, Vendor / market = 12, Chinese medicine = 13, Other = 97		
C1_923_1_NOM	S'il s'agit d'un hopital, d'un centre de sante ou d'un poste de santé ou clinique, donner le nom (1ère position)		If it is a hospital, a health center or health post or clinic, give the name (first position)		S'il s'agit d'un hopital, d'un centre de sante ou d'un poste de sante ou clinique, approfondissez pour obtenir le nom de cet établissement et inscribe son code. Si n'y a pas eu de recours a des structures de sante modernes c'est-a-dire si 9,19 supérieur a 08 pour les 3 recours aux soins, passez a la question 9,24 sinon passez a 9,26	If it is a hospital, a health center or health post or clinic, deepen to get the name of this establishment and inscribe its code. If there was no recourse to modern health structures is to say if 9.19 higher at 08 for 3 care use, go to the issue 9,24 otherwise go to 9.26

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_923_1_CODE	Saisir le code du centre de sante precedent (1ère position)		Enter the code in the health center precedent (1st position)			
C1_923_2_NOM	S'il s'agit d'un hopital, d'un centre de sante ou d'un poste de santé ou d'un poste de santé ou clinique, donner le nom (2ème position)		If it is a hospital, a health center or health post or clinic, give the name (second position)			
C1_923_2_CODE	Saisir le code du centre de sante precedent (2ème position)		Enter the code in the health center precedent (second position)			
C1_923_3_NOM	S'il s'agit d'un hopital, d'un centre de sante ou d'un poste de santé ou d'un poste de santé ou clinique, donner le nom (3ème position)		If it is a hospital, a health center or health post or clinic, give the name (thirth position)			
C1_923_3_CODE	Saisir le code du centre de sante precedent (3ème position)		Enter the code in the health center precedent (thirth position)			
C1_924A	Pourquoi ne vous-êtes-vous pas/[nom] ne s'est-il/elle pas rendu(e) dans un établissement de santé ou n'avez-vous pas/n'a-t-il/elle pas vu du personnel médical pour vous/se faire soigner?	Trop cher=01; Trop loin=02; Trop occupé(e) (Travail,enfants)=03; N'etait pas suffisamment malade=04; La structure de ce cet établisssement est mauvaise=05; L'etablissement a des stocks medicaments insuffisabts=06; Mauvaise attitude de personnel=07; Mauvaises connaissances du personnel=08; Ne fait pas confiance au personnel=09; Personnel habituellement absent=10; établissement de santé fermé=11; Pas de transport=12; Mauvaise qualité des soins=13; Horaires peu pratiques=14; Longues attentes=15; Insecurite=16; Prefere automedication=17; Prefere medecine traditionnelle=18; Autre=97	Why did you/ [name] not see a medical staff for you / get treatment?	Overpriced = 01; Too far = 02; Too busy (e) (Work, children) = 03; Was not sick enough = 04; Poor structure of the health facility = 05; Lack of drugs/stocks = 06; Bad attitude of staff = 07; Poor knowledge of staff = 08; Do not trust the staff = 09; Staff usually missing = 10; health facility closed = 11; No transport = 12; Poor quality of care = 13; Inconvenient hours = 14; Long waits = 15; Insecurity = 16; Prefer self-medication = 17; Prefer traditional medicine = 18; Other = 97	→(9,41)	→(9,41)

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_924B	Pourquoi ne vous-êtes-vous pas/[nom] ne s'est-il/elle pas rendu(e) dans un établissement de santé ou n'avez-vous pas/n'a-t-il/elle pas vu du personnel médical pour vous/se faire soigner?	Trop cher=01; Trop loin=02; Trop occupé(e) (Travail, enfants)=03; N'était pas suffisamment malade=04; La structure de ce cet établissement est mauvaise=05; L'établissement a des stocks médicaments insuffisants=06; Mauvaise attitude de personnel=07; Mauvaises connaissances du personnel=08; Ne fait pas confiance au personnel=09; Personnel habituellement absent=10; Établissement de santé fermé=11; Pas de transport=12; Mauvaise qualité des soins=13; Horaires peu pratiques=14; Longues attentes=15; Insécurité=16; Préfère automédication=17; Préfère médecine traditionnelle=18; Autre=97	Why did you/ [name] not see a medical staff for you / get treatment?	Overpriced = 01; Too far = 02; Too busy (e) (Work, children) = 03; Was not sick enough = 04; Poor structure of the health facility = 05; Lack of drugs/stocks = 06; Bad attitude of staff = 07; Poor knowledge of staff = 08; Do not trust the staff = 09; Staff usually missing = 10; health facility closed = 11; No transport = 12; Poor quality of care = 13; Inconvenient hours = 14; Long waits = 15; Insecurity = 16; Prefer self-medication = 17; Prefer traditional medicine = 18; Other = 97		
C1_925A_S PEC	Spécifiez , si autre raison (Voir Question C1_924a)		Specify if question C1_924a = other		→(9,41)	→(9,41)
C1_925B_S PEC	Spécifiez , si autre raison (Voir Question C1_924b)		Specify if question C1_924b = other			
C1_926	Lors de la dernière visite, combien de temps a-t-il fallu pour se rendre à la formation sanitaire/lieu de soin?	Minutes	For the last visit, how much time did you/[name] wait to be seen by a health worker?	Minutes	Enquêteur inscrivez les réponses en minute. Aller simple	Interviewer: Write the answer in minutes
C1_927	Lors de la dernière visite, avez-vous ou non été effectivement consulté par du personnel médical?	Oui=1; Non=2		Minutes	Répondant=1→(9,30)	Response=1→(9,30)
C1_928	Pourquoi n'y-a-t-il pas eu d'interaction directe entre vous/[nom] et un personnel de santé?	Aucun personnel traitant présent=01; Personnel traitant trop occupé=02; Personnel traitant ne consulte pas=03; Refus du personnel traitant=04; Aucun personnel traitant féminin=05; Personnel traitant non qualifié=06; Attente trop longue=07; Patient arrivé hors heure de consultation=08; Difficultés financières/ne peut pas payer les honoraires=09; Structure fermée=10; Autre=97	Why did you/[name] not have a direct interaction with a health worker?	No health worker present=01; Health worker too busy=02; Health worker not seeing patients=03; Health worker refused=04; No female health worker=05; Health worker not qualified=06; Waiting time too long=07; Patient arrived late =08; Could not afford fee=09; Other, specify:=97	1 Seule réponse possible	1 only answer
C1_929	Spécifiez					
C1_930	Lors de la dernière visite, pendant combien de temps avez-vous / [nom] a-t-il/elle dû attendre avant de voir un personnel de santé?	Minutes	For the last visit, how much time did you/[name] wait to be seen by a health worker?	Minute	Enquêteur: Inscrivez les réponses en minutes	Interviewer: Write the answer in minutes

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_931	Ce personnel de santé a-t-il posé des questions pour savoir comment vous vous sentiez / se sentait [nom] et connaître vos symptômes / les symptômes de [NOM] ?	Oui=1; Non=2	Did this health care provider ask questions about how you/[name] was feeling or the symptoms that you/[name] had?	Yes=1; No=2		
C1_932	Ce personnel de santé a-t-il procédé à des examens physiques sur vous/[nom], par exemple, en prenant votre/sa pression artérielle, en écoutant votre/son coeur, etc. ?	Oui=1; Non=2	Did this health care provider do any physical exams on you/[name] such as taking blood pressure, listening to the heart, etc?	Yes=1; No=2		
C1_933	Ce personnel de santé a-t-il procédé à un test rapide du paludisme (une petite piqûre à l'extrémité d'un doigt) ?	Oui=1; Non=2	Did this health care provider administer any rapid test (such as a fingerprick to detect malaria)?	Yes=1; No=2		
C1-934	Ce personnel de santé a-t-il ordonné des radiographies ou des examens en laboratoires (tests urinaires ou sanguins, par exemple) ?	Oui=1; Non=2	Did this health care provider order any Xrays or laboratory examinations such as urine or blood tests?	Yes=1; No=2		
C1_935	Avez-vous/[nom] a-t-il/elle fait faire ces tests?	Oui=1; Non=2	Did you/[name] have these tests done?	Yes=1; No=2		
C1_936	Avez-vous / [nom] a-t-il/elle reçu les résultats ?	Oui=1; Non=2	Did you/[name] receive results?	Yes=1; No=2		
C1_937	Ce personnel de santé a-t-il prescrit des médicaments?	Oui=1; Non=2	Did this health care provider prescribe any medicines?	Yes=1; No=2		
	Au cours des 4 dernières semaines, quel est le montant dépensé par votre ménage de sa propre poche pour traiter votre maladie / la maladie de [nom] ? Plus spécifiquement, combien votre ménage a-t-il dépensé pour...		In the last 4 weeks, how much did your household spend out of its own pocket for the treatment of you/[name]'s illness? Specifically, how much did your household pay out of pocket for			
C1_938A	A=Frais de consultation officiels FRS/CFA		A = Official providers fees			
C1_938B	B= Frais de laboratoire/radiographie et de chirurgie FRS/CFA		B=Laboratory and X-ray Fees			
C1_938C	C=Autres paiements (frais non réglementaire, ets) FRS/CFA		C=Any other payments to the provider?			
C1_938D	D=Transports FRS/CFA		D=Transportation			
C1_938E	E= Médicaments FRS/CFA		E=Total amount of health expenditures			
C1_938F	F= Montant total des frais de santé FRS/CFA		F = Total health costs FRS / CFA			
C1_939	Un employeur ou une assurance a-t-il/elle payé une partie des honoraires du personnel de santé, des frais de radiographie ou de transport?	Oui, L'employeur=1; Oui, L'assurance=2; Non=3; Autre, Spécifiez=97	Did an employer or insurance pay for any of the provider fees, laboratory and X ray fees or transportation?	Yes, Employer=01; Yes, Insurance=02; No=03; Other, specify=97		
C1_940	Spécifiez		specify			

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_941	Maintenant, je vais vous poser quelques questions sur les médicaments que vous avez/que [nom] a peut-être pris pour traiter cette maladie. Avez-vous pris des médicaments pour traiter cette maladie? On parle ici de médicaments modernes et traditionnels	Oui=1; Non=2	Now I am going to ask some questions regarding medicines that you/[name] may have taken to treat this illness. In the last 4 weeks, did you/[name] take any medicines to address this illness?	Yes=1;No=2		
C1_942A	Comment -vous êtes vous procuré les médicaments que vous avez pris? (1ère)	Restant d'un autre traitement=1; Boutique/marché=2; Vendeur ambulant=3; Pharmacie CSPS/CMA=4; Agent de Santé Communautaire=5; Agent de santé privé=6; Pharmacie privée=7; Pharmacie chinoise=8; Tradipraticien=9; Autre=97	How did you procured the medicines you have taken? (1st)	Rest of other treatment = 1; Shop / market = 2; Vendor = 3; CSPS Pharmacy / CMA = 4; Community Health Officer = 5; Private health worker = 6; Private pharmacy = 7; Chinese pharmacy = 8; Tradipractitioner = 9; Other = 97		
C1_942B	Comment -vous êtes vous procuré les médicaments que vous avez pris?(2ème)	Restant d'un autre traitement=1; Boutique/marché=2; Vendeur ambulant=3; Pharmacie CSPS/CMA=4; Agent de Santé Communautaire=5; Agent de santé privé=6; Pharmacie privée=7; Pharmacie chinoise=8; Tradipraticien=9; Autre=97	How did you procured the medicines you have taken? (2nd)	Rest of other treatment = 1; Shop / market = 2; Vendor = 3; CSPS Pharmacy / CMA = 4; Community Health Officer = 5; Private health worker = 6; Private pharmacy = 7; Chinese pharmacy = 8; Tradipractitioner = 9; Other = 97		
C1_942C	Comment -vous êtes vous procuré les médicaments que vous avez pris? (3ème)	Restant d'un autre traitement=1; Boutique/marché=2; Vendeur ambulant=3; Pharmacie CSPS/CMA=4; Agent de Santé Communautaire=5; Agent de santé privé=6; Pharmacie privée=7; Pharmacie chinoise=8; Tradipraticien=9; Autre=97	How did you procured the medicines you have taken? (3th)	Rest of other treatment = 1; Shop / market = 2; Vendor = 3; CSPS Pharmacy / CMA = 4; Community Health Officer = 5; Private health worker = 6; Private pharmacy = 7; Chinese pharmacy = 8; Tradipractitioner = 9; Other = 97		
C1_943	Avez-vous reçu une ordonnance d'un personnel de santé pour ces médicaments ?	Oui pour tous les médicaments=1; Oui pour une partie des médicament=2;Non=3	In the last 4 weeks, did you/[name] obtain this medication with a doctor's prescription?	Yes=1; No=2	Répondant=3→(9,46)	Response=3→(9,46)
C1_944	Pourquoi n'avez-vous / [nom] n'a-t-il/elle pas pris de médicaments pour cette maladie ?	Trop cher=01; Lieu d'achat trop loin=02; Trop occupe(e) travail=03; En rupture de stock=04; N'était pas suffisamment malade=05; N'aide pas=06; Vendeur ambulant 3 n'aime pas les effects=07; Pharmacie CSPS/CMA 4 pas de moyens de transport=08; Mauvaise qualite des medicaments=09; Horaires peu pratiques=10; Longues attentes=10; Prefere les soins traditionnels=12; Personne a commissinner=13; Autre=97	Why did you/[name] not take medication for the illness?	Too expensive=01; Too far=02; Too busy (work children)=03; Out of stock=04; Wasn't sick enough=05; Doesn't help=06; Doesn't like side effects=07; No transportation=08; Poor quality of drugs=09; Inconvenient hours=10; Long waiting times=11; Prefers traditional care=12; Other, specify=97		
C1_945	Specifiez		Specify			

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_946	Enqueteur: Notez oui si l'individu A<5 ans et a eu la diarrhee	Oui=1; Non=2	Verify if person A<5 years has diarrhoea	Yes = 1, No = 2	Répondant=2→(9,53)	Response=3→(9,53)
C1_947	Quelle quantité de liquide a-t-on fait boire à [nom] pendant cette maladie ? lui a-t-on proposé plus que d'habitude, à peu près la même chose, moins que d'habitude ou rien du tout?	Plus que d'habitude=1; A peu près pareil=2; Moins que d'habitude=3; Rien a boire=4	How much fluid did [name] drink for this disease?	More than usual = 1; About the same = 2; Less than usual = 3; Nothing to drink = 4		
C1_948	Quelle quantité de nourriture at-on cherché à faire manger à [nom] pendant cette maladie? Lui a-t-on proposé plus que d'habitude, à peu près la même chose, moins que d'habitude ou rien du tout ?	Plus que d'habitude=1; A peu près pareil=2; Moins que d'habitude=3; Rien a manger=4	How much food did [name] eat for this disease?	More than usual = 1; About the same = 2; Less than usual = 3; Nothing to drink = 4		
C1_949	A-t-on donné à [nom] un liquide provenant d'un paquet special appelé Solution de Réhydratation par voie Orale (SRO), comme celui-ci ou avez-vous préparé une solution à base de d'eau, de sel et de sucre?	Oui=1; Non=2	Did [name] get a liquid from a special package called solution oral rehydration (ORS), like this or have you prepared a solution containing water, salt and sugar?	Yes = 1, No = 2	Enqueteur: Montrez lepaquet au répondant. Répondant=2→(9,53)	Interviewer: Response = 2 → (9.53)
C1_950	Où avez-vous obtenu ce paquet de Solution de Réhydratation par voie Orale (SRO) ?	Hopital Regional=01; Hopital de district/CMA=02; Centre medical=03; CSPS=04; Dispensaire ou maternite isole public=05; Formation sanitaire privée a but lucratif=06; Formation sanitaire privée confessionnelle=07; Agent de santé communautaire=08; Amis/Voisins=09; Preparations faite soit meme la maison=10; Autre=11		Regional hospital = 1, Hospital District / CMA = 2, Medical Centre =3, CSPS = 4, Isolated dispensary maternity or = 5, Private-profit private health = 6, Private Health Facility denominational = 7, Private Infirmary, Community health worker = 8, Firends/neighbour = 09, Self prepared at home = 10, Other = 11		
C1_951	Specifiez		Specify			
C1_952	S'il s'agit d'un Hoptal, clinique ou csps, approfondissez l'interview pour obtenir le nom de cet établissement et inscrire son code		If it is a Hoptal, clinic or csps, deep the interview to get the name of this place			
C1_952_C ODE	Saisir le code de l'etablissement de la question precedente.		and enter its code			
C1_953	Au cours des 4 dernières semaines, avez-vous/[nom] a-t-il/elle été hospitalisé?	Oui=1; Non=2	Over the past 4 weeks, have you / [name] EVER been hospitalized?	Yes = 1, No = 2		
C1_954)	Dans quel genre de formation sanitaire avez-vous/[nom] a-t-il/elle été hospitalisé?	Hopital regional=1; Hopital de district/CMA=2; Centre medical=3; CSPS=4; Dispensaire ou maternite isole=5; Formation sanitaire privée a but lucratif=6; Formation sanitaire privée confessionnelle=7; Infirmier Prive=8	In which kind of health facility do you have / [name] been hospitalized?	Regional hospital = 1; District hospital / CMA = 2; Medical Center = 3; CSPS = 4; Clinic or maternity isolates = 5; Private health facility profit = 6; Confessional private clinic = 7; Nurse Prive = 8		

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_955	Au cours des 4 dernières semaines, combien d'argent votre ménage a-t-il/dépensé de sa poche pour votre séjour/ le séjour de [nom] dans cet établissement de santé, cet hôpital ou ce lieu de soins pour traiter cette maladie?	FRS/CFA			Enquêteur: Ne comptez ici que les frais d'hospitalisation, et pas ce qui a déjà été compté dans les colonnes 9,38	Interviewer: Do not count here as hospitalization, and not what has already been counted in columns 9,38
C1_956	La nuit dernière avez-vous/[nom] a-t-il/elle dormi sous une moustiquaire?	Oui=1; Non=2	Last night, did you/[name] sleep under a mosquito net?	Yes=1; No=2	Répondant=2 → (9,59)	Response=2 → (9,59)
C1_957	Sous quel type de moustiquaire avez-vous/[nom] a-t-il/elle dormi la nuit dernière? Une moustiquaire ayant reçu un traitement longue durée, une moustiquaire traitée après son achat ou une moustiquaire qui n'a jamais été traitée	Traitement permanent=1; Traitement après achat=2; N'a jamais été traité(e)=3	What type of net did you/[name] sleep under last night, was it a long-term treated net, a net that was treated after it was bought, or a net that has never been treated?	Permanently treated=1; treated after it was bought=2; Never been treated=3	Répondant=1 → (9,53); Répondant=3 → (9,53)	Response=1 → (9,53); Response=3 → (9,53)
C1_958	A quand remonte la dernière fois où vous avez imbibé la moustiquaire dans liquide conçu pour tuer les moustiques?	MOIS	How long ago was the net dipped in the liquid to kill mosquitoes? (Record in months. If less than one month, Record 00)	Months	Inscrivez le résultat en mois, si cela date d'il y a moins d'un mois inscrivez 00	Enter the result in months, if that date there is less than a month register 00
C1_959	Vous/[nom] a-t-il/elle 5 ans ou plus ?	Oui=1; Non=2	Are you [name] 6 years old or older? See question.	Yes=1; No=2	Enquêteur, vérifiez la question (1,04); Répondant=2 → (9,01)	Investigator, check question (1.04) response = 2 → (9, 01)
C1_960	Au cours des 4 dernières semaines, avez-vous/[nom] a-t-il/elle interrompu vos/ses activités habituelles, à un moment ou un autre, pour vous/s'occuper d'un membre malade du ménage?	Oui=1; Non=2	In the last 4 weeks, did you/[name] stop regular activities at any time to take care of a sick household member?	Yes = 1, No = 2	Répondant=2 → (9,01)	
C1_961_CODE1	De qui vous-êtes vous/[nom]/s'est-il/elle occupé(e)? Saisir code 1	Conjoint (Femme/Mari)=01; Propre fils/Fille=02; Enfant d'un autre mariage du conjoint=03; Beau-Fils/Belle-Fille=04; Petit-Fils/Petite-Fille=05; Frère/Soeur=06; Parent=07; Beau-Parent=08; Nièce/Neveu=09; Autre membre de la famille=10; Aide ménagère/Bonne=11; Autre, non membre de la=12; Autre, Co-épouse=13; Autre=97	Who did you care of? Enter code 1	Spouse (wife / husband) = 01; Own son / daughter = 02; Child from another marriage spouse = 03; Stepchild = 04; grandchild = 05; Brother / sister = 06; Parent = 07; Beau Parent = 08; Niece / nephew = 09; Another member of the family = 10; Housemaid = 11; Other, non-member = 12; Other Co-wife = 13; Other = 97	Inscrivez un maximum de 3 personnes	Enter a maximum of 3 people

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_961_C ODE2	De qui vous-êtes vous/[NOM/ s'est-il/elle occupé(e)? Saisir code 2	Conjoint (Femme/Mari)=01; Propre fils/Fille=02; Enfant d'un autre mariage du conjoint=03; Beau-Fils/Belle-Fille=04;Petit-Fils/Petite-Fille=05; Frère/Soeur=06; Parent=07; Beau-Parent=08; Nièce/Neveu=09; Autre membre de la famille=10; Aide ménagère/Bonne=11; Autre, non membre de la=12; Autre, Co-epouse=13; Autre=97	Who did you care of? Enter code 2	Spouse (wife / husband) = 01; Own son / daughter = 02; Child from another marriage spouse = 03; Stepchild = 04; grandchild = 05; Brother / sister = 06; Parent = 07; Beau Parent = 08; Niece / nephew = 09; Another member of the famille = 10; Housemaid = 11; Other, non-member = 12; Other Co-wife = 13; Other = 97		
C1_961_C ODE3	De qui vous-êtes vous/[NOM/ s'est-il/elle occupé(e) ? Saisir code 3	Conjoint (Femme/Mari)=01; Propre fils/Fille=02; Enfant d'un autre mariage du conjoint=03; Beau-Fils/Belle-Fille=04;Petit-Fils/Petite-Fille=05; Frère/Soeur=06; Parent=07; Beau-Parent=08; Nièce/Neveu=09; Autre membre de la famille=10; Aide ménagère/Bonne=11; Autre, non membre de la=12; Autre, Co-epouse=13; Autre=97	Who did you care of? Enter code 3	Spouse (wife / husband) = 01; Own son / daughter = 02; Child from another marriage spouse = 03; Stepchild = 04; grandchild = 05; Brother / sister = 06; Parent = 07; Beau Parent = 08; Niece / nephew = 09; Another member of the famille = 10; Housemaid = 11; Other, non-member = 12; Other Co-wife = 13; Other = 97		
C1_962	Specifiez			Specify		
C1_963	Au cours des 4 dernières semaines, combien de journées d'activités habituelles avez-vous/[nom] a-t-il/elle manqué pour vous/s'occuper de membres malades du ménage?	Jours	In the last 4 weeks, how many days of regular activities did you/[name] miss to take care of sick household members?	Days	Arrondissez nombre entier suivant	Round up to the next full number
C1_S901	Verifiez la réponse à (9,27)	Oui=1; Non=2	Verify the answer of question (9.27)	Yes = 1, No = 2	Enquêteur, vérifiez SI La reponse A(9,27) est Oui Répondant=2→S 905	Interviewer, check if the answer to (9.27) is Replying Yes = 2 → S905
	Comment jugez-vous la qualité des services/matériels la ou vous avez été consulté lors de la dernière visité?		How do you rate the quality of services / materials where you have been consulted during the last visit?			
C1_S902A	Les horaires d'ouvertures de la fromation sanitaire	Très bon=1; Bon=2;Passable=3; Mauvais=4; Très mauvais=5	The opening hours of the health facility	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S902B	La propreté, le confort des salles/du lieu de soin	Très bon=1; Bon=2;Passable=3; Mauvais=4; Très mauvais=5	Cleanliness, comfort rooms / place of care	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S902C	Matériel d'examen/soins	Très bon=1; Bon=2;Passable=3; Mauvais=4; Très mauvais=5	Examination materials / care	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S902D	La manière de faire le diagnostic	Très bon=1; Bon=2;Passable=3; Mauvais=4; Très mauvais=5	How to make the diagnosis	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S902E	La disponibilité des médicaments	Très bon=1; Bon=2;Passable=3; Mauvais=4; Très mauvais=5	The availability of drugs	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_S902F	L'efficacité des traitements reçus, des médicaments prescrits	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	he effectiveness of the treatments received, prescribed medication	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
	Appréciations de l'attitude du personnel traitant		Assessments of staff attitudes			
C1_S903A	L'accueil réservé aux patients	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	The welcome reserved for patients	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S903B	Le respect envers les patients	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	Respect for patients	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S903C	La compétence de l'agent de santé	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	The competence of the health workers	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S903D	L'échange avec l'agent de santé sur votre maladie	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	The exchange/discussion with the health worker about your illness	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S903E	La possibilité de poser des questions	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	The opportunity to ask questions	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S904A	Appréciation sur les coûts de services et autres actes	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	The cost of services	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S904B	Appréciation sur les coûts des médicaments	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	The cost drugs	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
C1_S904C	Appréciation de la distance pour se rendre dans la formation sanitaire	Très bon=1; Bon=2; Passable=3; Mauvais=4; Très mauvais=5	The distance between the health facility and residence	Very good = 1; Good = 2, Fair = 3; Poor = 4; Very bad = 5		
	Appréciation globale		Globale assesement			
C1_S905A	Perception de la qualité globale des soins dans...(Centre Hospitalier)	Très mauvais=1; Mauvais=2; Passable=3; Bon=4; Très bon=5, Ne sait pas = 8	Perception of overall quality of care ... (regional hospital)	Very bad = 1; Poor = 2; Fair = 3; Good = 4; very good = 5, Do not know = 8		
C1_S905B	Perception de la qualité globale des soins dans...(Hôpital de District)	Très mauvais=1; Mauvais=2; Passable=3; Bon=4; Très bon=5, Ne sait pas = 8	Perception of overall quality of care ... (District hospital)	Very bad = 1; Poor = 2; Fair = 3; Good = 4; very good = 5, Do not know = 8		
C1_S905C	Perception de la qualité globale des soins dans...(Centre Medical) (CM)	Très mauvais=1; Mauvais=2; Passable=3; Bon=4; Très bon=5, Ne sait pas = 8	Perception of overall quality of care ... (Medical center)	Very bad = 1; Poor = 2; Fair = 3; Good = 4; very good = 5, Do not know = 8		
C1_S905D	Perception de la qualité globale des soins dans...(Centre de Santé et de Promotion Sociale)	Très mauvais=1; Mauvais=2; Passable=3; Bon=4; Très bon=5, Ne sait pas = 8	Perception of overall quality of care ... (CSPS)	Very bad = 1; Poor = 2; Fair = 3; Good = 4; very good = 5, Do not know = 8		
C1_S905E	Perception de la qualité globale des soins dans...((Centre de Santé Privé Confessionnel)	Très mauvais=1; Mauvais=2; Passable=3; Bon=4; Très bon=5, Ne sait pas = 8	Perception of overall quality of care ... (Private health facility confessional)	Very bad = 1; Poor = 2; Fair = 3; Good = 4; very good = 5, Do not know = 8		
C1_S905F	Perception de la qualité globale des soins dans...(Centre de Santé Privé à but lucratif	Très mauvais=1; Mauvais=2; Passable=3; Bon=4; Très bon=5, Ne sait pas = 8	Perception of overall quality of care ... (Private health facility for profit)	Very bad = 1; Poor = 2; Fair = 3; Good = 4; very good = 5, Do not know = 8		
Information sur les contacts						
C1_1801	Etes-vous disposez a communiquer avec nous dans le futur en cas de besoin?	Oui=1; Non=2	Would you like to communicate with us in the future if needed?	Yes = 1, Non = 2		

Questionnaire C1

Status de Santé	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_1802	Disposez-vous d'un contact téléphonique a partir duquel nous pourrions vous contacter?	Oui=1; Non	Do you have a phone number	Yes = 1, Non = 2	Enquêteur: Si oui veuillez demander le numero de téléphone Inscrivez numéro de tel:→Fin Répondant Non→-18,03	
C1_1802_P HONE	Enquêteur: Si oui veuillez demander le numero de téléphone et notez		Enter the phon number if yes			
C2_R01	Il y a des remarques à faire?		Do you have remarks?		Inscrivez le code d'identification et le nom	
NBFENF	Nombre de femmes 15-49 ans et des enfants moins 5 ans		Number of women 15-49 et children <5 years			
C2_RQ	Remarques de l'enquêteur		Observations of field worker			
RESULTAT_ ENTRET	Resulat de l'entretien		Result of the interview	Interview done=01; Partially completed=02; Registered person refused interview=03; Household members not present=04; Household vacated=05; House address not found=06; HH head/Other refused to allow interview=07; Other specify=97		
RAISON	Si entretien partiellement réalisé, spécifiez la raison					
AUTRE_SPE C	Si autre, Spécifiez					

Questionnaire C2

Variable Name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
Identifiant						
C1_SE	Section d'enumeration		Enumeration area number			
C1_NUMQ	Numero de menage		Household number			
Emplacement						
C1_REGION	Region		Region			
C1_ZE	Yone detude		Division			
C1_DISTRICT	District		Subdivision			
C1_COMMUNE	Commune		Health district			
C1_CSPS	CSPS		Health area			
C1_CODVIL	Code Village/Quartier					
C1_VILLAGE	Nom Village/Quartier		Village/Quarter			
Coordonnees GPS du						
C1_LATITUDE	Latitude (Nord)		Latitude (North)			
C1_LONGITUDE	Longitude (Est)		Longitude (East)			
Enqueteur et visites						
C1_ENQ	code de l'enqueteur		Code			
C1_DATEVISITE	Date de visite	Jour/Mois/Année	Date of visit			
	Resultat de l'entretien		Result of the interview	Interview done=01; Partially completed=02; Registered person refused interview=03; Household members not present=04; Household vacated=05; House address not found=06; HH Head/Other refused to allow interview=07; Other, specify=97		
Langue Utilisee			Language used			
C1_LANG_ENQ	Langue utilisee par l'enqueteur	Francais=1; Mooré=2; Dioula=3; Gourounssi=4; Dagara=5; Autre, spécifiez=7	By the interviewer	French=01; English=02; Pidgin=03; Mongo-Ewondo=04; Other, specify=97		
C1_AUTRE_LANG_EN	Préciser, si autre langue utilisée par l'enquêteur	Francais=1; Mooré=2; Dioula=3; Gourounssi=4; Dagara=5; Autre, spécifiez=7	By the respondent	French=01; English=02; Pidgin=03; Mongo-Ewondo=04; Other, specify=97		
C1_LANG_REP	Langue utilisée par le répondant					
C1_AUTRE_LANG_RE	Préciser, si autre langue utilisée par le répondant					

Questionnaire C2

Variable Name	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C1_TRADUCTEUR	Utilisation d'un traducteur	Jamais=1;Parfois=2;Toujours=3	Translator used?	Never=1; Sometimes=2; Always=3		
C1_NBHH	Nombre de membres du ménage					
C1_NBW1549	Nombre de femmes de 15-49 ans					
C1_NBW2ANS	Nombre de femmes qui ont des enfants <2 ans					
C1_NBENF5	Nombre d'enfants de moins de 5 ans					

Questionnaire C2

Dossier Grossesse	Question in French	Response options in French	Question in English	Response options in English	Recommendation s in French	Recommendation s in English
C2_1000_ID	Code ID dans le ménage de la femme enquêtée		ID number in the household surveyed			
C2_1000	Quel age avez vous?Indiquez le nombre d'années		How old are you? Indicate the number of years		Indiquez le nombre d'annees	
C2_1001	Avez-vous déjà été enceinte, y compris pour des grossesses qui se sont terminées par des fausses-couches, un avortement ou la naisasance d'un bébé sans vie (bébé mortné)?	Oui=1; Non=2	Have you ever been pregnant, including pregnancies that may have ended in miscarriage, abortion or stillbirth (born dead)?	Yes=1; No=2	Répondant=2→(1 3,01)	Response=2→ (13,01)
C2_1002	Etes vous enceinte en ce moment?	Oui=1; Non=2; Pas sur=3	Are you pregnant now?	Yes=1; No=2; Not sure=3	Répondant=2→(1 0,04); Répondant=3→(1 0,04)	Response=2 or 3→(10,04)
C2_1003	De combien de mois etes vous enceinte?	Mois	How many months pregnant are you?	Months		
C2_1004	Avez-vous des enfants auxquels vous avez donné naissance et qui vivent aujourd'hui avec vous?	Oui=1; Non=2	Do you have any children to whom you have given birth who are now living with you?	Yes=1; No=2	Répondant=2→(1 0,06)	Response=2→(10 ,06)
C2_1005A	Combien de fils vivent avec vous?	Fils/Filles	How many sons live with you?	Sons		
C2_1005B	Combien de filles vivent avec vous?	Fils/Filles	How many daughters live with you?	Daughters		
C2_1006	Avez vous des enfants .....vivent pas aujourd'hui avec vous?	Oui=1;Non=2	Do you have any children to whom you have given birth who are still alive but do not live with you?	Yes=1; No=2	Répondant=2→(1 0,08)	Response=2→(10 ,08)
C2_1007A	Combien de fils vivent ailleurs?	Fils	How many sons live elsewhere?	Sons		
C2_1007B	Combien de filles vivent ailleurs?	Filles	How many daughters live elsewhere?	Daughters		
C2_1008	Avez-vous déjà donné naissance a un enfant qui est né en vie mais qui est mort par la suite? En cas de réponse négative, approfondiss ez:Tout bébé qui pleurait ou montrait des signes de vie mais qui n'a pas survécu?	Oui=1; Non=2	Have you ever given birth to a child who was born alive but later died? If no, PROBE: Any baby who cried or showed signs of life but did not survive?	Yes=1; No=2	Répondant=2→(1 0,10)	Response=2→(10 ,10)
C2_1009A	Combien de fils sont morts?	Fils	How many sons died?	Sons		
C2_1009B	Combien de filles sont mortes?	Filles	How many daughters died?	Daughters		
C2_1010A	Totalisez les reponses A (10,05),(10,07),(10,09) (les fils)	Fils	Sum the answers to (10,05) (10,07) (10,09) Enter total here. If none, write 00. Boys	Sons	Entrez total inc. S'il n'y en a pas eu, inscrivez 00	Enter total inc. If there has been no sign 00
C2_1010B	Totalisez les reponses A (10,05),(10,07),(10,09) (les filles)	Filles	Sum the answers to (10,05) (10,07) (10,09) Enter total here. If none, write 00. Daughters	Daughters		
C2_1011	Veuillez confirmer que le nombre total d'enfants auxquels vous avez donné naissance s'élève a..[Nombre en question] (10,10)	Nombre	Please confirm the total number of children you have given birth to is... [Number in question (10,10)	Number	Si incorrect approfon-dissez et corrigez suivant besoin	If not correct, probe and correct as necessary

Questionnaire C2

C2_1012	Est ce que le nombre de bébés nés en vie (10,10) est au moins egal a un?	Oui=1; Non=2	Is the number of live births in (10,10) at least one?	Yes=1; No=2	Répondant=2→(10,14)	Response=2→(10,14)
C2_1019_M OIS	Quand avez-vous donné naissance pour la dernière fois a un enfant en vie?	Mois/Année	When was the last time that you gave birth to a child that was born alive?	Month/Year	Mois non connu.....98	Unknown months.....98
C2_1019_A NNEE	Quand avez-vous donné naissance pour la dernière fois a un enfant en vie?	Mois/Année		Months/Year	Mois non connu.....98	Unknown months.....98
C2_1014	Avez-vous déjà eu une grossesse s'est terminée par un enfant mort-né,c'est-a-dire une grossesse d'au mois 24 semaines mais dont le bébé est mort avant sa naissance?	Oui=1;Non=2	Have you ever had a pregnancy that ended in stillbirth, that is when pregnancy has lasted at least 24 weeks but the baby dies before it is born?	Yes=1; No=2	Répondant=2→(10,17)	Response=2→(10,17)
C2_1015	Combien de grossesses se sont elles terminées par un enfant mort né?	Nombre	How many pregnancies have ended in a stillbirth?			
C2_1016_M OIS	Quand avez-vous eu pour la dernière fois un enfant mort-né ?	Mois/Année	When was the last time you had a stillbirth?	Month/Year		
C2_1016_A NNEE	Quand avez-vous eu pour la dernière fois un enfant mort-né ? (l'a	Mois/Année		Months/Year	Mois non connu.....98	Unknown months.....98
C2_1017	Avez-vous déjà eu une grossesse qui s'est terminée par une fausse couch ou un avortement?	Oui=1; Non=2	Have you ever had a pregnancy that ended in a miscarriage or abortion, that is when the pregnancy lasts less than 24 weeks?	Yes=1; No=2	Répondant=2→(10,20)	Response=2→(10,20)
C2_1018	Combien de grossesses se sont-elles terminées par une fausse couche ou un avortement?	Nombre	How many pregnancies have ended in a miscarriage or abortion?	Number		
C2_1019_M OIS	Quand avez-vous eu pour la dernière fois une fausse couche ou un avortement ?	Mois/Année	When was the last time you had a miscarriage or abortion?	Months/Year	Mois non connu.....98	Unknown months.....98
C2_1019_A NNEE	Quand avez-vous eu pour la dernière fois une fausse couche ou un avortement ?	Mois/Année		Months/Year	Mois non connu.....98	Unknown months.....98
C2_1020	Au cours des 24 derniers mois, cette femme a-t-elle eu au moins un enfant vivant, un enfant mort-né, une fausse couche ou un avortement?	Oui=1;Non=2	In the last 24 months, did the woman have at least one live birth, still birth, miscarriage or abortion?	Yes=1; No=2	Vérifiez les informations A (10,13) (10,16) (10,19)	Check the information to A (10,13) (10,16) (10,19)

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1100	Code ID de l'enfant		ID of the child			
C2_1101	Copiez le code ID de la mere		Copy the ID of the mother			
C2_1102	Au cours des dix (10) dernières années combien de naissances vivantes avez-vous eu? Listez-les en commençant par la plus récente.		During the last ten years, ie since March 2002, how many live births have you had ? List them, starting by the most recent		Si c'est zero (0) aller à la personne suivante	If it is zero (0) go to the next person
C2_1103	[Nom de l'enfant] est-il de sexe masculin ou féminin?	Masculin=1;Feminin=2	[Name of the child]'s gender?	Male=1; female=2		
C2_1104A	Quelle est la date de naissance de [Nom de l'enfant]?	Jour=A	What is [Name of the child]'s day of birth	Day=A		
C2_1104B	Mois de naissance de [Nom de l'enfant]	Mois=B	[Name of the child]'s month of birth	Month=B		
C2_1104C	Année de naissance de [Nom de l'enfant]	Année=C	[Name of the child]'s year of birth	Year=C		
C2_1105	[Nom de l'enfant] est-il /elle encore en vie?	Oui=1; Non=2	Is [Name of the child] still alive ?	Yes=1; No=2	Répondant=2→(1,07)	Response=1→→(11,07)
C2_1106A	Quelle âge a [Nom de l'enfant]? (âge en années)	Annees=A	How old is [Name of the child] ? (years)	Year=A	(Si <5 ans, indiquez en plus nombre de mois) Aller à la ligne suivante	(If <5 years, also indicate the number of months); Record [name of the child]'s age
C2_1106B	Age de [Nom de l'enfant] ? (âge en mois)	Mois=B	How old is [Name of the child] ? (months)	Months=B		
C2_1107A	Quel âge avait [Nom de l'enfant decede] au décès?	Annees=A	How old was [Name of deceased child] at his/her death?	Year=A	(Si <5 ans, indiquez aussi nombre de mois)	(If <5 years, also record the months)
C2_1107B	Age au décès de [Nom de l'enfant]? (Mois)	Mois=B		Months=B		
Soins prénatals et postnatals			Antenatal and Postnatal Care			
C2_1201	Enqueteur: Copiez le code ID de la femme pour laquelle vous avez répondu oui à (10,20) c.à.d. Femme avec au moins un enfant vivant, mort-né, fausse couche ou avortement dans 24 derniers mois.		Interviewer: Copy ID code for woman who responded yes to (10,20) i.e. Woman with at least one live birth, still birth, miscarriage or abortion in last 24 months.			
C2_1201a	Enqueteur: Confirmez le nombre total d'enfant vivant, enfant mort-né, fausse couche ou avortement dans les 24 derniers mois		Interviewer: Confirm total number of live birth, still birth, miscarriage or abortion in the last 24 months.			
C2_NUMGR OS	Numéro de grossesse					

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1202	Maintenant, je vais vous poser quelques questions sur votre dernière grossesse qui s'est terminée par un enfant vivant, un enfant mort-né, une fausse couche ou un avortement. Avez vous fait une quelconque recherche de soins lors de cette grossesse ?	Oui=1; Non=2	Now I am going to ask you some questions about your last pregnancy/the previous pregnancy that ended in live birth, still birth, miscarriage or abortion. Did you consult any health care provider or traditional healer for antenatal care for this pregnancy?	Yes = 1, No = 2	En ce qui concerne les femmes don't la dernière grossesse s'est terminée par une naissance sans vie (mort-né), une fausse couche ou un avortement, la dernière grossesse est celle qui s'est terminée par une naissance sans vie, une fausse couche ou un avortement Répondant=1→(12,05)	For women whose last pregnancy was a stillbirth, miscarriage or abortion, the last pregnancy is the pregnancy that ended in stillbirth, miscarriage or abortion; Response=1► (12,05)
C2_1203	Pourquoi n'avez-vous pas consulté ni personnel de santé ni tradipraticien pour les soins prénatals lors de cette grossesse ? INSCRIVEZ UN MAXIMUM DE 3, RAISONS, Ne pas lire les réponses	Trop cher=01; Trop loin=02; Trop occupé(e) (Travail, enfants)=03; Automedication=04; Trop tot dans la grossesse=05; La structure de cet établissement est mauvaise=06; L'établissement a des stocks insuffisants=07; Mauvaise attitude du personnel=08; Mauvaises connaissances du personnel=09; Mauvaise qualité des soins=10; Service non disponible=11; Pas de moyens de transport=12; Pas eu besoin=13; Horaires peu pratiques=14; Longues attentes=15; Préfère les soins a la maison=16; Ma famille ne voulait pas que J'Y aille=17; Insecurite=18; Autre (Spécifiez)=97	Why didn't you consult any health care provider or traditional healer for antenatal care for this pregnancy? Record up to 3 reasons	Too expensive=01; Too far=02; Too busy (Work, Children)=03; Self-treated=04; Was too early in pregnancy=05; Facility has poor infrastructure/Building=06; Facility poorly stocked=07; Poor staff attitude=08; Poor staff knowledge=09; Poor quality of care=10; Service not available=11; No transportation=12; Did not need=13; Inconvenient hours=14; Long waiting times=15; Prefer home care=16; Family didn't want me to go=17; Other (specify)=97		
C2_1203_1_SPEC	Spécifiez si autres raisons (Premier)					
C2_1203_2	Pourquoi n'avez-vous pas consulté ni personnel de santé ni tradiprati					
C2_1203_2_SPEC	Spécifiez si autre raisons (Deuxième)					
C2_1203_3	Pourquoi n'avez-vous pas consulté ni personnel de santé ni tradiprati					
C2_1203_3_SPEC	Spécifiez si autre raisons (Troisième)					

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1204	Avez-vous essayé d'obtenir des soins prénatals mais le personnel de l'établissement vous a demandé de partir et de revenir un autre jour ?	Oui=1;Non=2	Did you ever try to go for antenatal care but the facility staff told you to go away and come back another day?	Yes=1; No=2	→(12,14)	→(12,14)
C2_1205	Quel type de personnel avez-vous vu pour les soins prénatals lors de cette grossesse ?	Médecin=01; Infirmier=02; Sage-femme=03; Accoucheuse auxiliaire=04; Matrone=05; Agent de santé mais ne connaît pas la qualification=06; Accoucheuse villageoise=07; Agent de santé communautaire=08; Guérisseur/Tradipraticien=9; Autre (Spécifiez)=97	What kind of provider did you see for antenatal care for this pregnancy?	Medical doctor=01; Nurse/Midwife=02; Auxiliary nurse/midwife=03; Community health worker=04; Lab technician=05; Pharmacist=06; Traditional birth attendant=07; Traditional healer=08; Spiritual healer=09; Drud seller=10; Other (specify)=97	S'il y a plus s'un personnel de sante inscrivez le plus qualifie	If more than one provider, write the provider that is highest on the list.
C2_1205_S PEC	Spécifiez si autre raisons					
Soins prénatals						
C2_1206_N OM	Dans quel village/Quartier avez-vous / [nom] a-t-il/elle cherché les soins prénatals lors de cette grossesse ?		In which village/quarter did you seek for care?			
C2_1206_C ODE	Saisir le code du village/Quartier		Enter the code of the village/neighborhood			
C2_1207	Dans quel type d'établissement ou lieu avez-vous vu ce professionnel de santé ?	Hopital regional=01; Hopital de district/CMA=02; Centre medical (CM)=03; CSPS=04; Dispensaire ou maternite isole formation sanitaire privée a but lucratif=06; Formation sanitaire privée confessionnelle=07; Domicile agent de santé communautaire=08; Case de sante=09; Domicile infirmier privé/Agent de sante privé=10; Autre domicile que le votre=11; Propre domicile=12; Domicile tradipraticien=13; Autre, précisez=97	In what kind of facility or location did you see this health care provider?	District hospital (DH)=01; Subdivisional medical center (SMC)=02; Integrated Health Center(IHC)=03; Private facility assimilated to a DH=04; Private facility assimilated to a SMC=05; Private facility assimilated to a IHC=06; Private-for-profit facility=07; Pharmacy=08; Mobile clinic=09; Provider's home =10; Own home=11; Other home=12; Outdoor location =13; Other (specify) =97	Répondant=08;09;10;11;12;13;97→12,09	Response=08;09;10;11;12;13;97→12,09
C2_1207_S PEC	Spécifiez si autre type d'établissement					
C2_1208_N OM	S'il s'agit d'un hôpital, centre de santé, poste de santé ou Clinique, approfondissez pour obtenir le nom de cet établissement et inscrire son code		If hospital, clinic or health post, probe for name of facility and record code		Indiquez le code 99 si la structure sanitaire se trouve hors district	Enter code 99 if the facility is outside district
C2_1208_C ODE	Saisir le code de cet établissement de santé					
C2_1209	De combien de mois étiez-vous enceinte lorsque vous avez reçu les premiers soins prénatals pour cette grossesse ?	NOMBRE DE MOIS	How many months pregnant were you when you first received antenatal care for this pregnancy		Enqueteur-arrondissez au mois	Interviewer round months

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1210	Pourriez-vous nous montrer votre carnet de santé? Enquêteur : demandez le carnet de santé et notez 1 pour "vu", 2 pour "non vu"	Vu=1; Non vu=2		Seen = 1, Not seen = 2		
C2_1211	Combien de fois avez-vous reçu des soins prénatals pour cette grossesse ?	Nombre de fois	How many times did you receive antenatal care for this pregnancy?		Si une fois, inscrivez 1 puis →(12,13)	If once, record 1 and ► (12,13)
C2_1212	De combien de mois étiez-vous enceinte lorsque vous avez reçu les derniers soins prénatals pour cette grossesse ?	Nombre de fois	How many months pregnant were you when you last received antenatal care for this pregnancy?		Enquêteur_Arrondissement Z au mois	Interviewer round months
C2_1213	Maintenant, j'aimerais vous poser des questions sur ce qui a peut-être été effectué lors de vos visites de soins prénatal. Durant ces visites, l'élément décrit ci-dessous a-t-il été réalisé lors d'au moins une visite ?		Now I would like to ask you about things that may have been done during the antenatal care visits for your last pregnancy. During those visits, was the following done during at least one visit?			
C2_1213A	A=Vous a-t-on pesé?	Oui = 1; Non = 2	A= Were you weighed?	Yes = 1, No = 2		
C2_1213B	B=Vous a-t-on mesurée?	Oui = 1; Non = 2	B= Was your height measured?	Yes = 1, No = 2		
C2_1213C	C= A-t-on mesuré votre pression artérielle?	Oui = 1; Non = 2	C= Was your blood pressure measured?=C	Yes = 1, No = 2		
C2_1213D	D= Avez-vous donné un échantillon d'urine?	Oui = 1; Non = 2	D= Did you give a urine sample?=D	Yes = 1, No = 2		
C2_1213E	E= Avez-vous donné un échantillon de sang?	Oui = 1; Non = 2	E= Did you give a blood sample?=E	Yes = 1, No = 2		
C2_1213F	F=Avez-vous programmé votre accouchement dans cet établissement?	Oui = 1; Non = 2	F= Did you schedule your delivery in the facility?=F	Yes = 1, No = 2		
C2_1213G	G=Le personnel de santé a-t-il palpé votre ventre?	Oui = 1; Non = 2	G= Did the provider palpate your tummy?=G	Yes = 1, No = 2		
C2_1213H	H=Le personnel de santé a-t-il estimé la date de votre accouchement?	Oui = 1; Non = 2	H= Did the health worker estimate your due date?=H	Yes = 1, No = 2		
C2_1213I	I=Votre hauteur utérine a-t-elle été mesurée?	Oui = 1; Non = 2	I= Was your uterine height measured (this is when the provider measures your tummy using a measurement tape)?=I	Yes = 1, No = 2		
C2_1213J	J=Le personnel de santé vous a-t-il demandé votre groupe sanguin et votre	Oui = 1; Non = 2	J= Did the health worker ask for your blood type and Rhesus?=J	Yes = 1, No = 2		
C2_1213K	K=Avez-vous reçu des conseils au sujet de votre régime alimentaire pendant	Oui = 1; Non = 2	K= Did you receive advice on the diet during your pregnancy?=K	Yes = 1, No = 2		
C2_1213L	L=Avez-vous reçu des conseils sur ce qu'il faut faire en cas d'urgence?	Oui = 1; Non = 2	L= Did you receive advice on what to do in case of an emergency?=L	Yes = 1, No = 2		
Sida Tétanos			AIDS Tetanus			
C2_1214	Pendant cette dernière grossesse, vous a-t-on proposé des conseils et un test pour détecter le virus qui provoque le SIDA ?	Oui=1; Non=2	During this pregnancy, were you offered counseling and testing for the virus that causes AIDS?	Yes=1;No=2	Répondant=2→(12,17)	Response=2→(12,17)

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1215	Je ne vais pas vous demander le résultat, mais avez-vous fait le test ?	Oui=1; Non=2	I will not ask you the result, but were you tested?	Yes=1;No=2	Répondant=2→(12,17)	Response=2→(12,16)
C2_1216	Je ne vais pas vous demander le résultat mais l'avez-vous reçu?	Oui=1; Non=2	I will not ask you the result, but did you receive the result?	Yes=1;No=2		
C2_1217	Pendant cette grossesse, vous a-t-on fait une injection (VAT) dans le bras pour éviter que le bébé n'attrape le tétanos, c'est-à-dire qu'il n'ait des convulsions après la naissance?	Oui=1; Non=2	During this pregnancy, were you given an injection in the arm to prevent the baby from getting tetanus, that is, convulsions after birth?	Yes=1;No=2	Répondant=2→(12,19)	Response=2→(12,19)
C2_1218	Combien de fois avez-vous reçu cette injection durant cette grossesse?	Nombre d'injections	How many times did you receive this shot during the pregnancy?	Number of shots		
C2_1219	Pendant cette grossesse, vous a-t-on donné ou avez-vous acheté des comprimés de fer ou du sirop de fer?	Oui=1; Non=2	During this pregnancy, were you given or did you buy any iron tablets or iron syrup?	Yes=1;No=2	Répondant=2→(12,21)	Response=2→(12,21)
C2_1220	Pendant cette grossesse, pendant combien de jours avez-vous pris ces comprimés de fer ou ce sirop de fer? NSP	Nbre de jours	During the pregnancy, for how many days did you take the iron tablets or iron syrup?	Number of days		
Issue de la grossesse			After pregnancy			
C2_1221	Quel a été l'issue de cette grossesse?	Vivant à la naissance, une seule naissance=1; Vivant à la naissance, plusieurs naissances=2; Mort-né =3; Fausse couche=4; Avortement=5	What was the outcome of this pregnancy?	Number of days	Répondant=4→(13,01); Répondant=5→(13,01)	Response=4→(13,01); Répondant=5→(13,01)
C2_1222	Avez-vous eu des complications durant cette grossesse ou au moment de l'accouchement?	Oui=1;Non=1	Did you have any complication during this pregnancy or at the delivery?	Yes=1;No=2	Répondant=2→(12,24)	Response=2→(12,24)
C2_1223	Quelle est la principale complication que vous avez eue?	Saignements PDT la grossesse=01; Saignements lors de l'accouchement=02; Vertiges=03; Hypertension=04; Jambes/Visages gonflés=05; Douleurs abdominales=06; Douleurs pelviennes=07; Fièvre (de plus de 24h)=08; Convulsions=09; Travail prolongé=10; Avortement spontané=11; Autre (spécifiez)=97	What is the main complication that you had?	Bleeding during pregnancy= 01; Bleeding at the delivery=02; Dizzy spell=03; High blood pressure=04; Swollen legs/face=05; Abdominal pain=06; Pelvic pain=07; Fever(> 24h)=08; Convulsions=09; Prolonged labour=10; Spontaneous abortion=11; Other, specify=97		
C2_1223_S PEC	Spécifiez si autre principale complication...					
C2_1224	Lors de cette grossesse, qui vous a aidé lors de l'accouchement?	Médecins=01; Infirmier=02; Sage-femme=03; Accoucheuse auxiliaire=04; Matrone=05; Agent de santé mais ne connaît pas la qualification=06; Accoucheuse villageoise=07; Agent de santé communautaire=08; Membres de la famille=09; Amis/Voisins=10; Personne=11; Autre (spécifiez)=97	Who assisted with the delivery for this pregnancy?	Medical doctor=01; Nurse/midwife=02; Auxiliary nurse/midwife=03; Community health worker=04; Lab technician=05; Pharmacist=06; Traditional birth attendant=07; Traditional healer=08; Spiritual healer=09; Drug seller=10; Family member=11; Friend/Neighbor=12; No one=13; Other (specify)=97		

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1224_S PEC	Spécifiez si autre endroit d'accouchement		Specify if other delivery place			
C2_1225_N OM	Dans quel village/Quartier avez vous / [nom] a-t-il/elle accouché?		In which village/neighborhood did you deliver?		Inscrire lisiblement le nom du village, puis le code correspondant	Record the name of the village/quarter and the corresponding code
C2_1225_C ODE	Saisir le code du village/Quartier ou vous avez/[nom] a-t-elle accouché		Enter the village/neighborhood ID where [name] deliver			
C2_1226	Où avez-vous accouché ?	Hôpital régional (CHR)=01; Hôpital district (CMA)=02; Centre medical (CM)=03; CSPS=04; Dispensaire ou maternité isolée=05; Formation sanitaire privée à but=06; Formation sanitaire privée confessionnelle=07; Domicile agent de santé communautaire=08; Case de santé=09; Domicile infirmier privé/Agent de santé=10; A votre propre domicile=11; Autre domicile que le votre=12; Domicile traditionnelle=13; Autre=97; Spécifiez:	Where did you deliver?	District hospital (DH)=01; Subdivisional medical center (SMC)=02; Integrated Health Center (IHC)=03; Private facility assimilated to a DH=04; Private facility assimilated to a SMC=05; Private facility assimilated to a IHC=06; Private-for-profit facility=07; Pharmacy=08; Mobile clinic=09; Own home=10; Another home=11; Public place=12; Other, specify=97	Répondant=08→(12,28); Répondant=09→(12,28); Répondant=10→(12,28); Répondant=11→(12,28); Répondant=12→(12,28); Répondant=13→(12,28)	Response=08→(12,28); Response=09→(12,28); Response=10→(12,28); Response=11→(12,28); Response=12→(12,28); Response=13→(12,28)
C2_1226_S PEC	Spécifiez si autre endroit d'accouchement					
C2_1227_N OM	S'il s'agit d'un hôpital, centre de santé, poste de santé ou Clinique, approfondissez pour obtenir le nom de cet établissement et inscrire son code.		If hospital, clinic or center, probe for name of facility and record code		Enquêteur: Notez 99 si l'établissement de santé est hors zone→(12,29)	Interviewer: Note 99 if the health facility is out zone→(12,29)
C2_1227_C ODE	Saisir le code de cet établissement de santé					
Accouchement			Childbirth			
C2_1228_A CC1	Pourquoi n'avez-vous pas accouché dans un établissement de santé formel pour cette grossesse ? Inscrivez un maximum de 3 Raisons	Trop cher=01; Trop loin=02; Trop tard lors de l'accouchement=03; La structure de cet établissement est mauvaise=04; L'établissement a des stocks insuffisants=05; Mauvaise attitude du personnel=06; Mauvaises connaissances du personnel=07; Mauvaise qualité des soins=08; Service non disponible=09; Pas de moyen de transport=10; Pas eu besoin=11; Horaires peu pratiques=12; Longue attente=13; Préfère l'accouchement à la maison=14; Insécurité=15; Ma famille ne voulait pas que j'y aille=16; Autre (spécifiez)=97;	Why didn't you deliver in a formal health facility for this pregnancy? Record up to 3 reasons.	Too expensive=01; Too far=02; Was too late in delivery=05; Facility has poor infrastructure/Building=06; Facility poorly stocked=07; Poor staff attitude=08; Poor staff knowledge=09; Poor quality of care=10; Service not available=11; No transportation=12; Did not need=13; Inconvenient hours=14; Long waiting time=15; Prefer home delivery=16; Family didn't want me to go=17; Other (specify)=97		

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1228_A CC1_SPEC	Spécifiez si autres raisons (1ère raison)					
C2_1228_A CC2	Pourquoi n'avez-vous pas accouché dans un établissement de santé f					
C2_1228_A CC2_SPEC	Spécifiez si autres raisons (2ème raison)					
C2_1228_A CC3	Pourquoi n'avez-vous pas accouché dans un établissement de santé f					
C2_1228_A CC3_SPEC	Spécifiez si autres raisons (3ème raison)					
C2_1229	L'accouchement s'est-il fait par césarienne, c'est-à-dire, a-t-on ouvert votre ventre pour faire sortir le bébé ?	Oui=1; Non=2	Was the birth delivered by caesarean section, that is did they cut your belly open to take the baby out?	Yes=1;No=2		
C2_1230	Ce ou ces nouveau-nés ont-ils été pesés à la naissance ?		In what month and year was the infant(s) born in?			
C2_1230A	A= Premier enfant	Oui=1; Non=2; NSP= 8	A = First child	Yes = 1, No = 2, Dont know = 8	Répondant=2→(12,33); Répondant=NSP→(12,33)	Response=2→(12,33); Response=NSP→(12,33)
C2_1230B	B= Deuxième enfant	Oui=1; Non=2; NSP= 8	B = Second child	Yes = 1, No = 2, Dont know = 8		
C2_1230C	C= Troisième enfant	Oui=1; Non=2; NSP= 8	C = Third child	Yes = 1, No = 2, Dont know = 8		
C2_1230	Quel était le poids de ce ou ces nouveau-nés à la naissance ?		How much did the infant(s) weigh?			
C2_1231A	A= Premier enfant	Oui=1; Non=2; NSP= 8	A = First child	Yes = 1, No = 2, Dont know = 8	Inscrivez le poids en kilogrammes si le poids n'est pas connu, inscrivez 9.99 NA=9.96	Record the weight in kilograms. If the weight is not known, enter 9.99 and NA = 9.96
C2_1231B	B= Deuxième enfant	Oui=1; Non=2; NSP= 8	B = Second child	Yes = 1, No = 2, Dont know = 8		
C2_1231C	C= Troisième enfant	Oui=1; Non=2; NSP= 8	C = Third child	Yes = 1, No = 2, Dont know = 8		
Caractéristiques du nouveau-né			Infant characteristics			
	Confirmez:Le poids est-il basé sur la mémoire ou une carte de santé?		Confirm: Is the source for weight recall or health card?			
C2_1232A	A= Premier enfant	Mémoire=1; Carte de santé=2; NA=6	A = First child	Recall = 1; Health card = 2; NA = 6		
C2_1232B	B= Deuxième enfant	Mémoire=1; Carte de santé=2; NA=6	B = Second child	Recall = 1; Health card = 2; NA = 6		
C2_1232C	C= Troisième enfant	Mémoire=1; Carte de santé=2; NA=6	C = Third child	Recall = 1; Health card = 2; NA = 6		
C2_1233	À la naissance, ce nouveau-né était-il très gros, plus gros que la moyenne, moyen, plus petit que la moyenne ou très petit?		When the infant(s) was born for this pregnancy, was he/she very large, larger than average, average, smaller than average or very small?			
C2_1233_A	A= Premier enfant	Très gros=1; Plus gros que la moyenne=2; Moyen=3; Plus petit que la moyenne=4; Très petit=5; NA=6;	A = First child	Very large=1; Larger than average=2; Average=3; Smaller than average=4; very small=5; First child=A		

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1233_B	B= Deuxième enfant	Très gros=1; Plus gros que la moyenne=2; Moyen=3; Plus petit que la moyenne=4; Très petit=5; NA=6;	B = Second child	Very large=1; Larger than average=2; Average=3; Smaller than average=4; very small=5; First child=A		
C2_1233_C	C= Troisième enfant	Très gros=1; Plus gros que la moyenne=2; Moyen=3; Plus petit que la moyenne=4; Très petit=5; NA=6;	C = Third child	Very large=1; Larger than average=2; Average=3; Smaller than average=4; very small=5; First child=A		
Allaitement			Breastfeeding			
C2_1234	Avez-vous allaité ce nouveau-né		Did you ever breastfeed the infant?			
C2_1234_A	A= Premier enfant	Oui=1; Non=1	A = First child	Yes=1, No=2	Répondant=NA→(12,37)	Response=NA→(12,37)
C2_1234_B	B= Deuxième enfant	Oui=1; Non=1	B = Second child	Yes = 1, No = 2		
C2_1234_C	C= Troisième enfant	Oui=1; Non=1	C = Third child	Yes = 1, No = 2		
C2_1235	Après la naissance de ce nouveau-né, au bout de combien de temps avez-vous commencé à l'allaiter?		After the infant was born, how much time did it take before you started breastfeeding him/her?		Inscrivez réponse en heures si la durée est inférieure à une heure, inscrivez 00	Write the answer in hours if less than one hours, record 00
C2_1235	Début de l'allaitement du nouveau né ? (Premier enfant)		Breastfeeding start (first child)			
C2_1235_B	Début de l'allaitement du nouveau né ? (Deuxième enfant)		Breastfeeding start (first child)			
C2_1235_C	Début de l'allaitement du nouveau né ? (Troisième enfant)		Breastfeeding start (first child)			
C2_1236	Durant les 3 premiers jours suivant l'accouchement, a-t-on donné au nouveau-né autre chose à boire que du lait maternel	Oui=1; Non=1	In the first 3 days after delivery, was the infant given anything to drink other than breast milk?	Yes=1;No=2	Répondant=2→(12,38); Répondant=NA→(12,38)	Response=2→(12,38); Response=NA→(12,38)
C2_1236_A	Autre boisson que le lait au nouveau né ? (Premier enfant)		Other drink than breast milk (first child)			
C2_1236_B	Autre boisson que le lait au nouveau né ? (Deuxième enfant)		Other drink than breast milk (second child)			
C2_1236_C	Autre boisson que le lait au nouveau né ? (Troisième enfant)		Other drink than breast milk (third child)			
C2_1237	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ?		What was the infant given to drink apart of breastmilk?	Milk (other than breast milk)=01; Plain water=02; Sugar/Glucose water=03; Sugar-salt-water solution=04; Fruit juice=05; Infant formula=06; Gripe water=07; Tea/Infusions=08; Honey=09; Coffee=10; Other (Specify)=97; First child=A; Second child=B; Third child=C	Inscrivez un maximum de 3 réponses	Record up to 3 responses

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1237_A 1	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Premier enfant)	Lait en dehors du lait maternel=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (First child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_A 1_SPEC	Spécifiez si autre boisson... (Premier enfant)		If other, specify .....(first child)			
C2_1237_A 2	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Premier enfant)	Lait en dehors du lait maternel=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (First child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_A 2_SPEC	Spécifiez si autre boisson... (Premier enfant)		If other, specify .....(first child)			
C2_1237_A 3	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Premier enfant)	Lait en dehors du lait maternel=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (First child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_A 3_SPEC	Spécifiez si autre boisson... (Premier enfant)		If other, specify .....(first child)			
C2_1237_B 1	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Deuxième enfant)	Lait (en dehors du lait maternel)=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (second child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_B 1_SPEC	Spécifiez si autre boisson... (Deuxième enfant)		If other, specify .....(second child)			
C2_1237_B 2	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Deuxième enfant)	Lait (en dehors du lait maternel)=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (second child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_B 2_SPEC	Spécifiez si autre boisson... (Deuxième enfant)		If other, specify .....(second child)			

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1237_B3	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Deuxième enfant)	Lait (en dehors du lait maternel=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (second child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_B3_SPEC	Spécifiez si autre boisson... (Deuxième enfant)		If other, specify .....(second child)			
C2_1237_C1	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Troisième enfant)	Lait (en dehors du lait maternel=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (third child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_C1_SPEC	Spécifiez si autre boisson... (Troisième enfant)		If other, specify .....(third child)			
C2_1237_C2	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Troisième enfant)	Lait (en dehors du lait maternel=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (third child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_C2_SPEC	Spécifiez si autre boisson... (Troisième enfant)		If other, specify .....(third child)			
C2_1237_C3	Qu'a-t-on donné à boire au bébé en dehors du lait maternel ? (Troisième enfant)	Lait (en dehors du lait maternel=01; Eau simple=02; Eau sucrée/Contenant du glucose=03; Solution eau +sucre + se=04; Calmant pour les coliques=05; Lait poudre bebe=06; Infusions=07; Miel=08; Jus de fruit=09; Autre (spécifiez)=97; NA=96	What has been given to the baby to drink apart of breast milk? (third child)?	Milk out of the breast milk = 01; Simple water = 02; Sweetened water / water Containing glucose = 03; Water + sugar solution = 04; Gripe = 05; Milk powder for baby = 06; Infusions = 07; Honey = 08; Juice = 09; Other (specify) = 97; NA = 96		
C2_1237_C3_SPEC	Spécifiez si autre boisson... (Troisième enfant)		If other, specify .....(third child)			
C2_1238_A	Pendant combien de mois l'avez-vous allaité ? (Premier enfant)	Moins d'un mois = 00; Allaité encore = 95; NA = 96	For how many months did you breastfeed? (first child)	Months; Still breastfeeding =98;First child=A	Inscrivez le résultat en mois; si la durée est inférieure à un mois, inscrivez 00; Allité encore 95; NA 96	Enter the result in a month; if the duration is less than a month, enter 00; Allite still 95 NA 96
C2_1238_B	Pendant combien de mois l'avez-vous allaité ? (Deuxième enfant)	Moins d'un mois = 00; Allaité encore = 95; NA = 96	For how many months did you breastfeed? (second child)	Second child =B		
C2_1238_C	Pendant combien de mois l'avez-vous allaité ? (Troisième enfant)	Moins d'un mois = 00; Allaité encore = 95; NA = 96	For how many months did you breastfeed? (third child)	Third child =C		
Soins post-natals			Post-natal care			

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1239	Au cours des deux premiers mois après la naissance/la fausse couche, un professionnel de santé, un accoucheuse traditionnel a-t-il vérifié votre santé ?	Oui=1; Non=2	After the birth/miscarriage, did a health professional or traditional birth attendant or healer check on your health?	Yes=1;No=2	Répondant=2→(12,46)	Response=2→(12,46)
C2_1240	A combien de contrôles postnatals vous êtes-vous rendue ou combien de fois avez-vous été reçus au cours des 2 premiers mois suivant la naissance/fausse couche ?		How many postnatal check ups did you attend/receive in the first 2 months after the birth / miscarriage?			
C2_1241	Combien de temps après la naissance/fausse couche avez-vous eu le premier contrôle post-natal?		How long after the birth/miscarriage did you receive the first post-natal check?	Days	Inscrivez la réponse en jours. Si elle est inférieure à un jour, inscrivez 00	Write the answer in days.If less than a day, write 00
C2_1242	Qui a vérifié votre santé la première fois ?	Médecins=01; Infirmier= 02; Sage-femme=03; Accoucheuse auxiliaire=04; Matrone=05; Agent de santé mais ne connaît pas la qualification=06; Accoucheuse villageoise=07; Agent de santé communautaire=08; Membres de la famille=09; Amis/Voisins =10; Autre, précisez=97;	Who checked on your health the first time?	Medical doctor=01; Nurse/midwife=02; Auxiliary nurse/midwife=03; Community health worker=04; Lab technician=05; Pharmacist=06; Traditional birth attendant=07; Traditional healer=08; Spiritual healer=09; Drug seller=10; Other (specify)=97		
C2_1242_S PEC	Spécifiez si autre...(si c'est une autre personne qui a vérifié vot					
C2_1243_N OM	Dans quel village/quartier avez-vous / [Nom] a-t-il/elle effectué le premier contrôle?		In which village/quarter did you receive the first post-natal check?		Inscrire lisiblement le nom du village, puis le code correspondant? Inscrivez le code hors zone si le village n'est pas dans le district	Record the name of the village/quarter and the corresponding code
C2_1243_C ODE	Saisir le code du village/quartier où vous avez/[NOM] a-t-il/elle					
C2_1244	Où ce contrôle a-t-il eu lieu ?	Hôpital régional (CHR)=01; Hôpital de district (CMA)=02; Centre medical (CM)=03; CSPS=04; Dispensaire ou maternité isolée=05; Formation sanitaire privée a but=06; Formation sanitaire privée=07; Domicile agent de santé communautaire=08; Case de santé=09; Domicile infirmier privé/agent de santé=10; A votre propre domicile=11; Autre domicile que le votre=12; Domicile tradipraticien=13; Autre=97; Spécifiez:	Where did this check take place?	District hospital (DH)=01; Subdivisional medical center (SMC)=02; Integrated Health Center(IHC)=03; Private facility assimilated to a DH=04; Private facility assimilated to a SMC=05; Private facility assimilated to a IHC=06; Private-for-profit facility=07; Pharmacy=08; Mobile clinic=09; Provider's home =10; Own home=11; Other home=12;Outdoor location=13; Other, specify=97	Répondant=09→(12,46); Répondant=10→(12,46); Répondant=11→(12,46); Répondant=12→(12,46); Répondant=13→(12,46); Répondant=97→(12,46)	Response=09→(12,46); Response=10→(12,46); Response=11→(12,46); Response=12→(12,46); Response=13→(12,46); Response=97→(12,46)

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1244_SPEC	Spécifiez si autre endroit de contrôle		if other, specify the place of check			
C2_1245_NOM	Nom de cet établissement de santé		Name of the health facility		S'il s'agit d'un hôpital, d'un centre de santé, d'un poste de santé ou Clinique, approfondissez pour obtenir le nom de cet établissement et inscrire son code. →(12,47)	If hospital, clinic or centre, probe for name of facility and record code.; →(12,47)
C2_1245_CODE	Saisir le code de cet établissement de santé		Enter the code of the health facility			
C2_1246_1	Pourquoi n'avez-vous pas eu de contrôle post-natal dans une institution de santé formelle ou par du personnel de santé formel pour cette grossesse ?	Trop cher=01; Trop loin=02; Trop occupé(e) Travail, enfants=03; Automédication=04; Pas eu besoin=05; La structure de cet établissement est mauvaise=06; L'établissement a des stocks insuffisants=07; Mauvaise attitude du personnel=08; Mauvaises connaissances du personnel=09; Mauvaise qualité des soins=10; Service non disponible=11; Pas de moyen de transport=12; Horaires peu pratiques=13; Longues attentes=14; Préfère le soins à la maison=15; Ma famille ne voulait pas que j'y aille=16; Insécurité=17; Autre (spécifiez)=97	Why didn't you have a postnatal check up in a formal health institution/personnel for this pregnancy?	Too expensive=01; Too far=02; Too busy (Work, Children)=03; Self-treated=04; Did not need=05; Facility has poor infrastructure/Building=06; Facility poorly stocked=07; Poor staff attitude=08; Poor staff knowledge=09; Poor quality of care=10; Service not available=11; No transportation=12; Inconvenient hours=13; Long waiting hours=14; Prefer home care=15; Family didn't want me to go=16; Other (specify)=97		
C2_1246_1_SPEC	Spécifiez si autre raison.		other reason, specify			
C2_1246_2	Pourquoi pas de contrôle post-natal dans une institution de santé		Why no post-natal check has been done in a health facility			
C2_1246_2_SPEC	Spécifiez si autre raison.		other reason, specify			
C2_1246_3	Pourquoi pas de contrôle post-natal dans une institution de santé		Why no post-natal check has been done in a health facility			
C2_1246_3_SPEC	Spécifiez si autre raison.		other reason, specify			
C2_1247	Après cette naissance/fausse couche, vous a-t-on donné ou avez-vous acheté des comprimés de fer, du sirop de fer ou de l'acide folique ?	Oui=1; Non=2	After the birth/miscarriage, were you given or did you buy any iron tablets or iron syrup or folic acid?	Yes=1; No=2	Répondant=2→(12,51)	Response=2→(12,51)
Comprimés /Sirop de fer			Iron tablets/Syrup			

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1248	Qui vous a fourni la dose de fer ?	Médecins=01; Infirmier= 02; Sage-femme=03; Accoucheuse auxiliaire=04; Matrone=05; Agent de santé mais ne connaît pas la qualification=06; Accoucheuse villageoise=07; Agent de santé communautaire=08; Membres de la famille=09; Amis/Voisins =10; Personne=11; Pharmacien=12; Vendeur ambulant/marché =13; AUTRE (spécifiez)=97;	Who provided you with the iron dose?	Medical doctor=01; Nurse/midwife=02; Auxiliary nurse/midwife=03; Community health worker=04; Lab technician=05; Pharmacist=06; Traditional healer=07; Traditional birth attendant=08; Spiritual healer=09; Drug seller=10; Family member=11; Friend/Neighbor=12; Other (specify)=97		
C2_1248_S PEC	Spécifiez si autre fournisseur de la dose du fer.					
C2_1249	Combien de temps après la naissance/fausse couche avez-vous pris la première dose de fer?	Nombre	How long after the birth/miscarriage did you take the first iron dose?	Days	Inscrivez la réponse en jours	Write the answer in days
C2_1250	Pendant combien de jours après la naissance/fausse couche avez-vous pris ces comprimés de fer ou ce sirop de fer?	Nombre de jours	For how many days after the birth/miscarriage did you take the iron tablets or iron syrup?	Number of days		
C2_1251A	Le ou les enfants est-il ou sont-ils toujours en vie? (Premier enfant)	Oui=1; Non=2	Is the child(ren) still alive? (First child)	Yes=1; No = 2	Répondant=1→(12,54)	Response=1→(12,54)
C2_1251B	Le ou les enfants est-il ou sont-ils toujours en vie ? (Deuxième enfant)	Oui=1; Non=2	Is the child(ren) still alive? (Second child)	Yes=1; No = 2		
C2_1251C	Le ou les enfants est-il ou sont-ils toujours en vie ? (Troisième enfant)	Oui=1; Non=2	Is the child(ren) still alive? (Third child)	Yes=1; No = 2		
C2_1252A	Quel âge avai(en)t cet enfant ou ces enfants lors de son ou de leur décès ? (Premier enfant)		How old was the child(ren) when he/she died? (First child)		Inscrivez la réponse en mois; si la durée est inférieure a mois, inscrivez 01; →Individu suivant	Write the answer in months if less than one month, write zero ► next section
C2_1252B	Quel âge avai(en)t cet enfant ou ces enfants lors de son ou de leur décès ?(Deuxième enfant)		How old was the child(ren) when he/she died? (Second child)			
C2_1252C	Quel âge avai(en)t cet enfant ou ces enfants lors de son ou de leur décès? (Troisième enfant)		How old was the child(ren) when he/she died? (Third child)			
C2_1253A	Ce ou ces enfants vit-il ou vivent-ils toujours avec vous? (Premier enfant)		Is the child(ren) still living with you? (First child)		Répondant=2→Individu suivant	Response=2→Following individual
C2_1253B	Ce ou ces enfants vit-il ou vivent-ils toujours avec vous ? (Deuxième)		Is the child(ren) still living with you? (Second child)			
C2_1253C	Ce ou ces enfants vit-il ou vivent-ils toujours avec vous ? (Troisième)		Is the child(ren) still living with you? (Third child)			
C2_1254A	Code d'identification de ce ou ces enfant(s) (Premier enfant)		ID of the child (First child)			

Questionnaire C2

Historique des naissances	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1254B	Code d'identification de ce ou ces enfant(s) (Deuxième enfant)		ID of the child (First child)		Inscrivez le code individuel d'identification de ce ou ces enfants en consultant la liste	Enter the individual's identification code or children looking list
C2_1254C	Code d'identification de ce ou ces enfant(s) (Troisième enfant)		ID of the child (First child)			
C2_1255	Au cours des dernières 24 heures, avez-vous donné à ce(s) enfant(s) l'un des produits suivants?		In the last 24 hours, have you given the child(ren) any of the following?			
C2_1255A	A = Supplémentation en vitamines	Oui = 1, Non = 2, NSP = 8	A = Vitamin supplements	Yes=1; No=2; Dont know = 8		
C2_1255B	B = Eau simple	Oui = 1, Non = 2, NSP = 8	B = Plain water	Yes=1; No=2; Dont know = 8		
C2_1255C	C = Eau sucrée/Jus de fruit	Oui = 1, Non = 2, NSP = 8	C = Sweetwater/Fruit juice	Yes=1; No=2; Dont know = 8		
C2_1255D	D = Solution de rehydratation par voie orale (SRO)	Oui = 1, Non = 2, NSP = 8	D = Oral rehydration solution (ORS)	Yes=1; No=2; Dont know = 8		
C2_1255E	E = Lait de pharmacie	Oui = 1, Non = 2, NSP = 8	E = Pharmaceutical milk	Yes=1; No=2; Dont know = 8		
C2_1255F	F = Lait autre que lait maternel	Oui = 1, Non = 2, NSP = 8	F = Milk other than breast milk	Yes=1; No=2; Dont know = 8		
C2_1255G	G = Autres liquides	Oui = 1, Non = 2, NSP = 8	G = Other liquids	Yes=1; No=2; Dont know = 8		
C2_1255H	H = Aliment solides	Oui = 1, Non = 2, NSP = 8	H = Solid food	Yes=1; No=2; Dont know = 8		
C2_1255I	I = Bouillie	Oui = 1, Non = 2, NSP = 8	I = Mushy food	Yes=1; No=2; Dont know = 8	\	
				Yes=1; No=2; Dont know = 8		

Questionnaire C2

Variable	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
	Santé de la reproduction (femme)		Reproductive Health (Female)			
C2_1300_ID	Code_ID de la femme dans le ménage		ID of the women in the household			
C2_1301	La femme est-elle actuellement enceinte?	Oui=1; Non=2	Is the woman currently pregnant?	Yes=1; No=2	Enquêteur: Vérifiez la question → (10,02) Répondant=2 → (13,03)	Interviewer: Check question → (10,02) Response = 2 → (13,03)
C2_1302	Lorsque vous êtes tombée enceinte, souhaitiez-vous tomber enceinte à ce moment là, plus tard ou souhaitiez-vous ne pas avoir ou ne plus avoir d'enfants du tout?	Oui à ce moment=1; Plus tard=2; Pas du tout=3	At the time you became pregnant, did you want to become pregnant at that time, did you want to be pregnant later, or did you not want to have any (more) children at all?	Then=1; Later=2; Not at all=3	→ (13,04)	→ (13,04)
C2_1303	Si vous pouviez choisir vous-même, combien de temps attendriez-vous avant la naissance de votre prochain enfant?	Ne peut pas décider=1; Moins de 2 ans=2; Plus de 2 ans=3; N'en veut pas d'autres=4; N'a pas encore décidé=5; Infertile=6	If you could choose for yourself, how long would you wait from now until the birth of your next child?	Would not wait=1; Less than 2 years=2; More than 2 years=3; Doesn't want more=4; Have not decided yet=5; Infertile=6	Répondant=6 → in dividu suivant	Response=6 ► Next section
C2_1304	Durant les semaines à venir, si vous découvriez que vous êtes enceinte, serait-ce un grand problème, un petit problème ou pas du tout un problème pour vous?	Gros problème=1; Petit problème=2; Pas de problème=3; Ne peut pas tomber enceinte=4	In the next few weeks, if you discovered you were pregnant, would that be a big problem, a small problem, or not a problem for you?	Big problem=1; Small problem=2; No problem=3; Can't get pregnant=4		
C2_1305	Êtes-vous pour ou contre les couples qui emploient des méthodes contraceptives pour éviter les grossesses?	Pour = 1; Contre = 2; Ne sait pas = 8	Do you approve or disapprove of couples using contraceptive methods to avoid getting pregnant?	Approve=1; Disapprove=2		
C2_1306	Actuellement, avez-vous un partenaire sexuel régulier?	Oui = 1; Non = 2	Do you currently have a sexual partner?	Yes=1; No=2	Répondant=2 → (13,10)	Response=2 → (13,10)
C2_1307	Pensez-vous que votre partenaire (régulier) soit pour ou contre les couples qui emploient des méthodes contraceptives pour éviter les grossesses?	Pour=1; Contre=2; Ne sait pas = 8	Do you think that your partner approves or disapproves of couples using contraceptive methods to avoid pregnancy?	Approve=1; Disapprove=2		
C2_1308	Au cours des six derniers mois, combien de fois avez-vous parlé à votre partenaire régulier au sujet du planning familial/de l'utilisation de	Jamais=1; Une ou deux fois=2; Plus de deux fois=3	In the last 6 months, how often did you talk to your partner about family planning/contraceptive use?	Never=1; Once or twice=2; More than twice=3		
C2_1309	A votre avis, pensez-vous que votre partenaire régulier veuille plus d'enfants, moins d'enfants ou le même nombre d'enfants que vous?	Pareil=1; Plus=2; Moins=3; Ne sait pas=8	Comparing with you, do you think your partner wants more children, fewer children or the same number of children?	Same=1; More=2; Fewer=3; Don't know=98		
	Avez-vous entendu parler de méthodes de planning familial avec l'un des canaux suivants:					
C2_1310A	A. Professionnel de la santé dans une formation sanitaire		A. Health professional in health facility			
C2_1310B	B. Agent de santé communautaire	Oui = 1; Non = 2	B. Community health worker	Yes = 1; No = 2		
C2_1310C	C. Amis/Famille	Oui = 1; Non = 2	C. Friends/Family	Yes = 1; No = 2		
C2_1310D	D. Radio/Télé	Oui = 1; Non = 2	D. Radio/TV	Yes = 1; No = 2		

Questionnaire C2

Variable	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1310E	E. Campagne de sensibilisation	Oui = 1; Non = 2	E. Campaign	Yes = 1; No = 2		
C2_1310F	F. Autre	Oui = 1; Non = 2	F. Other	Yes = 1; No = 2		
C2_1310F_SPEC	Spécifiez si autres canaux	Oui = 1; Non = 2	F. Specify			
C2_1311	À l'heure actuelle, faites-vous quelque chose ou utilisez-vous une méthode pour retarder la grossesse ou éviter de tomber enceinte?	Oui=1; Non=2	Are you currently doing something or using any method to delay or avoid getting pregnant?	Yes= 1; No = 2	Répondant=1→(1, 3, 13)	Response=1→(13, 13)
C2_1312	À l'heure actuelle, pourquoi? n'utilisez-vous pas une méthode pour retarder la grossesse ou éviter de tomber enceinte?	Aimerait tomber enceinte=01; Est contre la contraception=02; Le partenaire est contre=03; La famille est contre=04; Pas disponible=05; Trop cher=06; Peur des effets secondaires=07; Ne connaît aucune méthode=08; Autre (spécifiez)=97	Why are you currently not using any method to delay or avoid getting pregnant?	Would like to get pregnant=01; Do not approve=02; Partner does not approve=03; family does not approve=04; Not available=05; Too expensive=06; Scared of side-effects=07; Don't know of any method=08; Other (specify)=97	→(14, 01)	→(14, 01)
C2_1313	Quelle est la méthode que vous utilisez actuellement ?	Stérilisation féminine=01; Stérilisation masculine=02; Diu/Spirale=03; Injectables/depoprovera=04; Implants/Norplant=05; Pilule=06; Préservatif masculin=07; Préservatif féminin=08; Diaphragme=09; Mousse/Gel=10; Méthode d'amenorrhée de la lactation=11; Rythme/méthode naturelle=12; Retrait=13; méthodes traditionnelles=14	Which method are you currently using?	Female sterilization=01; Male sterilization=02; IUD/Spiral=03; Injectables/depoprovera=04; Implants/Norplant=05; Pill=06; Male condom=07; Female condom=08; Diaphragm=09; Foam/Jelly=10; Lactational amen. Method=11; Rhythm/natural method=12; withdrawal=13; Other modern method=14; Other traditional method=15	S'il y a plus d'une méthode, Indiquez la principale ; Répondant=01→(14, 01); Répondant=02→(14, 01); Répondant=11→(14, 01); Répondant=12→(14, 01); Répondant=13→(14, 01); Répondant=14→(14, 01);	If there is more than one method, the main Indicate; Response=01→(14, 01); Response=02→(14, 01); Response=11→(14, 01); Response=12→(14, 01); Response=13→(14, 01); Response=14→(14, 01);
C2_1314_NOM	Dans quel village/quartier avez-vous obtenu la méthode actuelle pour la première fois?		In which village/quarter did you obtain the current method when you started using it (first time)?		Enquêteur: Inscrivez code hors zone si ce village n'appartient pas au district	Interviewer: Enter area code if outside the village does not belong to the district
C2_1314_CODE	Saisir le code du village/quartier avez-vous obtenu la méthode act					

Questionnaire C2

Variable	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1315	Chez qui avez-vous obtenu la méthode actuelle lorsque vous avez commencé à vous en servir (la première fois) ?	Médecin=01; Infirmier=02; Sage-femme=03; Accoucheuse auxillaire=04; Matrone=05; Agent de santé mais ne connaît pas la qualification=06; Accoucheuse villageoise=07; Agent de santé communautaire=08; Membres de la famille=09; Amis/Voisins=10; Campagne sensibilisation=11; Autre (Spécifiez)=97	Where did you obtain the current method when you started using it (first time)?	Medical doctor=01; Nurse/Midwife=02; Auxiliary nurse/Midwife=03; Community health worker=04; Lab technician=05; Pharmacist=06; Traditional healer=07; Traditional birth attendant=08; Spiritual healer=09; Drug seller=10; Other shop=11; Family member=12; Friend/neighbor=13; Other (specify)=97		
C2_1316_N OM	Nom hopital/centre de santé d'approvisionnement?				S'il s'agit d'un personnel de santé, approfondissez pour avoir le nom de l'hôpital, du centre de santé, du poste de santé ou Clinique ou l'approvisionnement s'est fait et inscrire son code: Enquêteur/Inscrivez pas au district 99 si l'établissement est hors district	If it is a personal health approfondissez to have the name of the hospital, health center, health post or clinic or supply is made and enter the code: Investigator / Register not in district 99 if the establishment is outside district
C2_1316_C ODE	Saisir le code de cet établissement de santé					
C2_1317_N OM	Dans quel village/quartier avez-vous / [NOM] a-t-il/elle obtenu la méthode actuelle pour la dernière fois?		In which village/quarter did you obtain the current method at your last refill?		Enquêteur: Inscrivez code hors zone si ce village n'appartient pas au district	Interviewer: Enter area code if outside the village does not belong to the district
C2_1317_C ODE	Code du village/quartier de la question précédente					
C2_1318	Chez qui avez-vous obtenu la méthode actuelle lors de votre dernier réapprovisionnement?	Médecin=01; Infirmier=02; Sage-femme=03; Accoucheuse auxillaire=04; Matrone=05; Agent de santé mais ne connaît pas la qualification=06; Accoucheuse villageoise=07; Agent de santé communautaire=08; Membres de la famille=09; Amis/Voisins=10; Campagne sensibilisation=11; Autre (Spécifiez)=97	Where did you obtain the current method at your last refill?	Medical doctor=01; Nurse/Midwife=02; Auxiliary nurse/Midwife=03; Community health worker=04; Lab technician=05; Pharmacist=06; Traditional healer=07; Traditional birth attendant=08; Spiritual healer=09; Drug seller=10; Other shop=11; Family member=12; Friend/neighbor=13; Other (specify)=97	Répondant = 07, 08, 09, 10, 11, 12, 13 ou 97→(13,20)	Response= 07, 08, 09, 10, 11, 12, 13 ou 97→(13,20)
C2_1318_S PEC	Spécifiez si autre personne					

Questionnaire C2

Variable	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1319_NOM	S'il s'agit d'un personnel qualifié, approfondissez pour avoir le nom de l'hôpital, du centre de santé, du poste de santé ou clinique où l'approvisionnement s'est fait et		If hospital, clinic or center, probe for name of facility and record code.		Enquêteur/Inscrivez 99 si l'établissement est hors district	Investigator / Sign 99 if the establishment is out of district
C2_1319_CODE	Code de l'établissement de santé de la question précédente					
C2_1320_ANNEE	Depuis combien de temps utilisez-vous la méthode actuelle ?	Année	How long have you been using the current method?	Years	Inscrivez les années s'il y a plus de 12 mois ou les mois s'il y a moins de 12 mois	Enter years if 12 months or more, enter months if less than 12 months
C2_1320_MOIS	Depuis combien de temps utilisez-vous la méthode actuelle ? (ANNEE)	Mois		Months		
C2_1321	Combien avez-vous payé votre dernier réapprovisionnement ?	FRS/CFA	How much did you pay for your last refill?	FRS/CFA		

Questionnaire C2

Vaccination	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1400_E NFT	Confirmation du nombre d'enfants en vie âgés de moins de 5 ans		Confirmation of the number of under five years children		Confirmer le nombre total d'enfants en vie âgés de 0 à 5 ans:	Confirm total number of living children 0-5 years old:
C2_1400_N UM_ORDR E	Numero d'enregistrement		Registration number			
C2_1401_C ODE_ID	Code de l'enfant de moins de 5 ans dans le ménage		ID of the under five years child in the household		Inscrivez le code de l'enfant de moins de 5 ans	Enter the code of the child under 5 years
C2_1401	Code de l'enfant de moins de 5 ans dans le ménage		ID of the under five years child in the household		Inscrivez le code du (de la) principal (e) gardien (ne)	Enter the code (the) principal (e) Guardian (ne)
C2_1402_C ODE_ID	Code du(de le) gardien(ne) principal(e) dans le ménage		ID of principal care giver in the household		Répondant=2→(14,06); Répondant=3→(14,05)	Response=2→(14,06); Response=3→(14,05)
C2_1403	Avez-vous déjà eu un carnet pour les moins de 5 ans sur laquelle les vaccinations de [nom] étaient inscrites ?	Oui, Vu=1; Oui, Pas Vu=2; Non=3	Do you have an under 5 card where [name]'S vaccinations are written down?	Yes, seen=1; Yes, not seen=2; No=3	Inscrivez le jour avec deux chiffres (plant allant de 01 a 31); Inscrivez le mois avec deux chiffres (plage allant de 01 and 12); Inscrivez l'annee avec deux chiffres (plage allant de 07 a 13)	Enter the day with two digits (plant from 01 to 31); Enter the two months with two digits (ranging from 01 and 12); Enter the two-digit years (range 07 to 13)
C2_1404	Recopiez la date de vaccination pour chaque vaccin figurant sur cette carte		Copy vaccination date for each vaccine from card			
C2_1404A	Date de vaccination pour chaque vaccin (BCG)		Date of administration of the vaccine (BCG)		Répondant=1→(14,07); Répondant=2→Enfant Suivant	Response=1▶(14,07); Response=2; ▶ Next child
C2_1404B	Date de vaccination pour chaque vaccin (VPO 0)		Date of administration of the vaccine (VPO 0)			
C2_1404C	Date de vaccination pour chaque vaccin (VPO 1)		Date of administration of the vaccine (VPO 1)			
C2_1404D	Date de vaccination pour chaque vaccin (DTC1,HepB1,HiB1))		Date of administration of the vaccine (DTC1,HepB1,HiB1))			
C2_1404E	Date de vaccination pour chaque vaccin (VPO 2)		Date of administration of the vaccine (VPO 2)			
C2_1404F	Date de vaccination pour chaque vaccin (DTC2,HepB2,HiB2)		Date of administration of the vaccine (DTC2,HepB2,HiB2)			
C2_1404G	Date de vaccination pour chaque vaccin (VPO 3)		Date of administration of the vaccine (VPO 3)			

Vaccination	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1404H	Date de vaccination pour chaque vaccin (DTC3,HepB3,HiB3))		Date of administration of the vaccine (DTC3,HepB3,HiB3))			
C2_1404I	Date de vaccination pour chaque vaccin (Rougeole)		Date de vaccination pour chaque vaccin (Rougeole)			
C2_1404J	Date de vaccination pour chaque vaccin (Fièvre Jaune)		Date de vaccination pour chaque vaccin (Fièvre Jaune)			
C2_1405	[Nom] a-t-il été vacciné ou a reçu de la vitamine A ou des vaccins faits lors de la journée nationale de vaccination ou dans le cadre d'une semaine de la santé des enfants qui ne sont pas mentionnés sur cette carte?	Oui = 1; Non = 2	[Name] has he been vaccinated or received vitamin A during the national immunization day or within a week of children's health that are not mentioned on this card?	Yes = 1; No = 2		
C2_1406	Avez-vous déjà eu un carnet pour les moins de 5 ans sur laquelle les vaccinations de [nom] étaient inscrites ?	Oui=1; Non=2	Did you ever have an Under 5 Card where [name]'s vaccinations are written down?	Yes=1;No=2		
C2_1407	[nom] a-t-il/elle déjà été vacciné(e) pour éviter certaines maladies, y compris les vaccins faits lors d'une journée nationale de vaccination ou dans le cadre d'une semaine africaine de vaccination?	Oui=1; Non=2	Did [neme] ever receive any vaccinations to prevent him/her from getting diseases, including vaccines received on national immunization day or child health week?	Yes=1;No=2	Répondant=2► (14,19)	Response=2► (14,19)
C2_1408	[nom] a-t-il/elle reçu le vaccin BCG contre la tuberculose, sous la forme d'une injection dans l'avantbras qui laisse en général une cicatrice ?	Oui=1; Non=2	Did [name] receive a BCG vaccination against tuberculosis, that is an injection in the forearm that usually causes a scar?	Yes=1;No=2		
C2_1409	[nom] a-t-il/elle été vacciné(e) contre la polio, sous la forme de gouttes versées dans la bouche?	Oui=1; Non=2	Did [name] receive a polio vaccine, that is drops in the mouth?	Yes=1;No=2	Répondant=2=(14,11)	Response=2► (14,11)
C2_1410	Quand [nom] a-t-il/elle été vacciné(e) contre la polio pour la première fois?	Juste après la naissance=1; Plus tard=2	When did [name] receive the polio vaccine the first time?	Just after birth=01; Later=02		
C2_1411	Combien de fois le vaccin contre la polio a-t-il été fait ?		How many times was the polio vaccine given?			
C2_1412	[nom] a-t-il/elle été vacciné(e) contre la DTC, HepB et HiB sous la forme d'une injection se faisant dans la cuisse, en général en même temps que le vaccin contre la polio?	Oui=1; Non=2	Did [name] receive a DTC vaccine, that is an injection in the thigh usually given at the same time as the polio vaccine?	Yes=1; No=2	Répondant=2→(14,13)	Response=2► (14,13)
C2_1413	Combien de fois le vaccin contre la DTC, HepB HiB a-t-il été fait ?		How many times was the DTC vaccine given?			
C2_1414	[nom] a-t-il/elle reçu une injection contre la rougeole ou une injection ROR, c'est-à-dire une injection dans le bras à l'âge de 9 mois ou plus tard, pour éviter qu'[IL /ELLE] n'attrape la rougeole?		Did [name] receive a measles injection or an MMR injection - that is, an injection in the arm at the age of 9 months or older – to prevent [HIM/HER] from getting measles?	Yes=1;No=2	Répondant=2► (14,16)	Response=2► (14,16)
C2_1415	[nom] a-t-il/elle reçu ce vaccin contre la rougeole avant ou après son premier anniversaire?	Avant=01; Après=02	Did [name] receive this measles vaccine before [he/she] turned one year old, or after?	Before=01; After=02		

Questionnaire C2

Vaccination	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
C2_1416	[nom] a-t-il/elle déjà reçu le vaccin contre la fièvre jaune?	Oui=1;Non=2	Did [name] ever receive the vaccine against yellow fever?	Yes=1; No=2		
C2_1417	[nom] a-t-il/elle reçu une supplémentation en vitamine A lors d'une journée nationale de vaccination?	Oui=1;Non=2	Did [name] ever receive a vitamin A supplement during a national immunization campaign or child health week?	Yes=1; No=2	Répondant=2 → Enfant suivant	Response=2 ► Next child
C2_1418	Quand cette supplémentation en vitamine A a-t-elle été fournie pour la dernière fois?	Il y a moins de 6 mois=1; Il y a entre 6 et 12 mois=2; il y a 12 mois ou plus=3	When was the last vitamin A supplement provided?	Less than 6 months ago=01; Between 6 and 12 months ago=02; 12 months ago or earlier=03		
C2_1419	Au cours des 12 derniers mois, combien de supplémentation en vitamine A cet enfant a-t-il reçu?		In the last 12 months, how many vitamin A supplements has the child received?			

Questionnaire C2

	Question in French	Response options in French	Question in English	Response options in English	Recommendation s in French	Recommendation s in English
Taille et poids			Height and Weight			
C2_1500_C ODE_ID	Code_ID de l'enquêté(e) dans le ménage					
C2_1501A	Age de chaque personne, à partir de la section 1 (Annee)	A=Année; B=Mois			Inscrivez l'age de chaque personne, a partir de la section 1 pour les femmes, passez a (15, 10)	Enter the age of each person, from Section 1 for women, go to (15, 10)
C2_1501B	Age de chaque personne, à partir de la section 1 (Mois)					
C2_1502	Au cours des six derniers mois, a-t-on mesuré [nom] pour déterminer son état sur le plan nutritionnel?	Oui=1; Non=2	In the last 6 months, was [name] measured to determine [name]'s nutritional status?	Yes=1;No=2	Répondant=2→(15,10)	Response=2▶(15,10)
C2_1503_M OIS	Quelle a été la date des dernières mesures?	Mois/Année	What was the date of the last measurement?	Month/Year		
C2_1503_A NNEE	Quelle a été la date des dernières mesures ? (L'annee)					
C2_1504	Lors des dernières mesures, quelle a été la method employée pour déterminer l'état nutritionnel de [nom] ?	Taille uniquement=1; Poids uniquement=2; Taille/Poids=3; Circonférence du bras=4; Ne Sait Pas=8	For the last measurement, which method was used to determine [name]'S nutritional status?	Height only=1; Weight only=2; Height /Weight=3; Upper Arm Circumference=4; Don't know=8		
C2_1505	Lors des dernières mesures, où a-t-on mesuré [nom]?	Hopital regional (CHR)=01; Hopital de district (CMA)=02; Centre medical (CM)=03; CSPS=04; Dispensaire ou maternite isole=05; Formation sanitaire privee a but lucrative=06; Formation sanitaire privee=07; Pharmacie=08; Domicile d'un agent de santé=09; A votre proper domicile=10; Autre domicile=11; Lieu en plein air=12; Autre (specifiez)=97	Where did [name] receive his last measurement?	District hospital (DH)=01; Subdivisional medical center (SMC)=02; Integrated Health Center (IHC)=03; Missionary facility assimilated to a DH=04; Missionary facility assimilated to a SMC=05; Missionary facility assimilated to a IHC=06; Private-for-profit facility=07; Pharmacy=08; Mobile clinic=09; Provider's home=10; Own home=11; Other home=12; Outdoor location=13; Other (specify)=97		
C2_1506	Y avait-il une malnutrition observée?	Oui=1; Non=2; NSP=8				
C2_1507	Avez-vous obtenu des soins spécialisés pour traiter la malnutrition de [nom] après les dernières mesures?	Oui=1; Non=2	Did you obtain any specialized care for [name]'s malnutrition after the last measurement?	Yes=1;No=1	Répondant=2→(15,10)	Response=2▶(15,10)

Questionnaire C2

	Question in French	Response options in French	Question in English	Response options in English	Recommendation s in French	Recommendation s in English
C2_1508	Où avez-vous obtenu les soins pour traiter la malnutrition de [nom] ?	Hopital regional (CHR)=01; Hopital de district (CMA)=02; Centre medical (CM)=03; CSPS=04; Dispensaire ou maternite isole=05; Formation sanitaire privee a but lucrative=06; Formation sanitaire privee=07; Pharmacie=08; Domicile d'un agent de santé=09; A votre proper domicile=10; Autre domicile=11; Lieu en plein air=12; Autre (specifiez)=97	Where was the care for [name]'s malnutrition obtained from?	District hospital (DH)=01; Subdivisional medical center (SMC)=02; Integrated Health Center (IHC)=03; Missionary facility assimilated to a DH=04; Missionary facility assimilated to a SMC=05; Missionary facility assimilated to a IHC=06; Private-for-profit facility=07; Pharmacy=08; Mobile clinic=09; Provider's home=10; Own home=11; Other home=12; Outdoor location=13; Other (specify)=97		
C2_1509	L'un des éléments suivants a-t-il été fourni pour traiter la malnutrition de [nom]?		Were any of the following given to take care of [name]'s malnutrition?		Lisez a haute voix chaque option et inscrivez oui ou non	Read each option aloud and record yes or no
C2_1509A	A=Vitamine A	Oui =1; Non = 2	A=Vitamin A	Yes = 1; No = 2		
C2_1509B	B=Conseils sur la nutrition	Oui =1; Non = 2	B = Nutrition Tips	Yes = 1; No = 2		
C2_1509C	C=Réhabilitation en nutrition	Oui =1; Non = 2	C = Rehabilitation Nutrition	Yes = 1; No = 2		
C2_1509D	D=Autres vitamines et micronutriments	Oui =1; Non = 2	D = Other vitamins and micronutrients	Yes = 1; No = 2		
C2_1509E	E=Référé(e) à un niveau supérieur	Oui =1; Non = 2	E=Referred to a higher level	Yes = 1; No = 2		
C2_1509F	F=Autre	Oui =1; Non = 2	F = Other	Yes = 1; No = 2		
C2_1509F_SPEC	Spécifiez si autre endroit d'accouchement					
C2_1510	Lisez a haute voix le formulaire de consentement anthropometrique a toutes les femmes de 15 a 49 ans/mere ou a la personne responsable de l'enfant	Mesurée=1; Pas présent (e)=2; Trop malade ou handicapé (e)=3; Refusée=4; Autre (specifiez)=7	Read aloud the anthropometric consent form to all women 15-49 years old	Measured=01; Not present=02; Too ill or disabled=03; Refused=04; Other (specify)=97	Répondant=02;03; 04;97→ Personne suivante	Response=02;03;0 4;97 ► Next person
C2_1511	Inscrivez la taille en centimetres (avec seulement un chiffre après la virgule)					
C2_1512	Inscrivez la méthode de mesure de la taille	Debout=1; Couché(e)=2	Record method for measuring height	Standing=01; Lying=02		
C2_1513	Inscrivez le poids en kilogrammes (avec seulement un chiffre après la virgule)		Record weight in kilograms			
C2_1514	Inscrivez la circonférence du bras en centimètres (avec seulement un chiffre après la virgule)		Record upper arm circumference in centimeters			
C2_1515	Inscrivez le resultat du test de diagnostic rapide du paludisme	Positif=1; Negatif=2	Enter the result of the rapid diagnostic test for malaria	Positive = 1, Negative = 2		
C2_1516	Inscrivez le resultat du test d'anemie		Enter the result of the anemia test			

Questionnaire C2

	Question in French	Response options in French	Question in English	Response options in English	Recommendation s in French	Recommendation s in English
C2_1700	Code_ID de l'enquêt(e) dans le ménage		Person's ID in the household			
C2_1701	Au cours des trois derniers mois, avez-vous rencontré un Agent de Santé. Communautaire/Secouriste/Accoucheuse villageoise chez vous ou dans la communauté?	Oui, a la maison=1; Oui, dans la commune=2; Oui, a la maison et dans la commune=3; Case de santé=4; Concession de l'agent de santé=5; Non=6	In the last 3 months, have you met with a Community Health Worker (CHW) either in your home or in the community?	Yes, at home=1; Yes, in the community=2; Yes, in both home and community=3; No=4	Répondant=6→In dividu suivant	Response=6 ► Next section
C2_1702	Cet Agent de Santé Communautaire vous a-t-il/elle fourni les services suivants?	Oui=1; Non=2;	Did the CHW provide any of the following services?	Yes=1;No=2;	Inscrivez les codes oui ou non pour chaque service ci- dessous	Record yes or no codes for each service below
C2_1702A	A=Référence au service de soins prénatals	Oui=1; Non=2;	A=Referral to prenatal care	Yes=1;No=2;		
C2_1702B	B=Référence pour accouchement en institution, à la maternité	Oui=1; Non=2;	B=Referral to institutional delivery	Yes=1;No=2;		
C2_1702C	C=Référence au service de soins postnatals;	Oui=1; Non=2;	C=Referral to postnatal care	Yes=1;No=2;		
C2_1702D	D= Référence à un service de conseils et tests volontaires VIH/SIDA / de prévention de transmission du VIH/SIDA entre la mère et l'enfant	Oui=1; Non=2;	D=Referral to Voluntary Counseling and Testing (VCT) / Prevention of Mother-To-Child Transmission (PMTCT)	Yes=1;No=2;		
C2_1702E	E= Référence à un service de vaccination des enfants	Oui=1; Non=2;	E=Referral to child vaccination	Yes=1;No=2;		
C2_1702F	F= Conseils sur le VIH/SIDA	Oui=1; Non=2;	F=Advice on HIV and AIDS	Yes=1;No=2;		
C2_1702G	G= Conseils sur le planning familial	Oui=1; Non=2;	G=Advice on family planning	Yes=1;No=2;		
C2_1702H	H= Surveillance de la croissance de l'enfant / conseils sur la nutrition de l'enfant	Oui=1; Non=2;	H=Child growth monitoring / advice in child nutrition	Yes=1;No=2;		
C2_1702I	I= Conseils sur l'eau et les règles sanitaires	Oui=1; Non=2;	I=Advice on water and sanitation	Yes=1;No=2;		
C2_1702J	J= Distribution de préservatifs	Oui=1; Non=2;	J=Distribution of condoms	Yes=1;No=2;		
C2_1702K	K=Sessions d'Information, d'Éducation et de Communication portant sur d'autres sujets liés à la santé	Oui=1; Non=2;	K=Information, Education and Communication sessions on other health topics	Yes=1;No=2;		
C2_1702L	L= Distribution oui, a la maison 1 de 2 médicaments antipaludiques	Oui=1; Non=2;	L = Distribution yes, at home 1 of 2 antimalarial drugs	Yes=1;No=2;		
C2_1702M	M= Distribution de médicament anti-pyrétiqes	Oui=1; Non=2;	M = Distribution of antipyretic medication	Yes=1;No=2;		
C2_1702N	N=Distribution de moustiquaires imprégnées	Oui=1; Non=2;	N = Distribution of ITNs	Yes=1;No=2;		
C2_1703	La dernière fois que vous avez rencontré un Agent de Santé Communautaire, avez-vous payé pour des services ou des conseils?	Oui=1; Non=2	The last time that you met with a Community Health Worker, did you pay for the services or advice?	Yes=1;No=2	Répondant=2→(1 7,05)	Response=2 ► (17,05)
C2_1704	Combien?	FRS/CFA	How much?	FRS/CFA		

Questionnaire C2

	Question in French	Response options in French	Question in English	Response options in English	Recommendation s in French	Recommendation s in English
C2_1705	Quel est votre niveau de satisfaction avec les agents de santé communautaire en ce qui concerne les aspects suivants?	Très Insatisfait (e)=1; Insatisfait (e)=2; Satisfait (e)=3; Très satisfait (e)=4;	How satisfied were you with the following?	Very unsatisfied=1; Unsatisfied=2; Satisfied=3; Very satisfied=4;		
C2_1705A	A=La connaissance des Agents de Santé Communautaire de leur métier			A = Community health workers being knowledgeable		
C2_1705B	B=La rapidité de réaction des Agents de			B = Community health workers being		
C2_1705C	C=Le nombre d'Agents de Santé Communautaire disponible			C= The number of community health workers available		
C2_1705D	D=Le temps et la disponibilité de l'Agent de Santé Communautaire pour s'occuper de vous			D=Community health worker's time availability to attend to you		
C2_1705E	E=Les informations fournies par l'Agent de Santé Communautaire			E = Information provided by community health workers		
C2_1705F	F=Le respect et l'accueil des Agents de Santé Communautaire vis à vis de la communauté			F = Community health workers showing respectful and friendly		
C2_1705G	G=Le bon exemple à suivre que les Agents de Santé Communautaire montrent au sein de la communauté			Community health worker being good role models		
C2_1706	Recommanderiez-vous des Agents de Santé Communautaire à d'autres femmes ou familles?	Oui=1; Non=2	Would you recommend Community Health Workers to other women or families?	Yes=1;No=2	Répondant=2→In dividu suivant	Response=2 ► Next section
C2_1707_1	Pourquoi ne les recommanderiez-vous pas ?	Mauvaise qualité des soins=1; Pas serviable=2; Pas respectueux (se)/ Pas amical(e)=3; Traitement trop onéreux=4; Accès difficile=5; Manque de fournitures/Médicaments=6; Autre, spécifiez=7	Why wouldn't you recommend them? (first reason)	Poor quality of care=01; Not helpful=02; Not respectful/Friendly=03; Treatment too expensive=04; Difficult to access=05; Lack of supplies/Drugs=06; Other, specify=97	Répondant=7→In dividu suivant	Response=7 ► Next section
C2_1707_2	Pourquoi ne les recommanderiez-vous pas ? (2ème Raison)		Why wouldn't you recommend them? (second reason)			
C2_1707_3	Pourquoi ne les recommanderiez-vous pas ? (3ème Raison)		Why wouldn't you recommend them? (third reason)			
C2_1707_S PEC	Spécifiez si autre raison (non mentionnée)		Specify if other reason mentioned			
C1_1801	Etes-vous disposé à communiquer avec nous dans le futur en cas de besoin		Would like to communicate with us in the future if needed?			
C1_1802	Disposez-vous d'un contact téléphonique à partir duquel nous pourrions vous contacter?		Do you have a phone contact from which with can contact you			
C1_1802_P HONE	Enquêteur: Si oui veuillez demander le numéro de téléphone et notez		Enter the phone number			
C2_R01	Il y a des remarques à faire ?		Do you have some observations			
NBFENF	Nombre de femmes 15-49 ans et des enfants moins 5 ans		Number of women aged 15-49 and under-five years children			
C2_RQ	Remarques de l'enquêteur		Field's worker observations			
RESULTAT ENTRET	Resultat de l'entretien		Interview result			
RAISON	Si entretien partiellement réalisé, spécifiez la raison		If interview partially completed, specify the reason			

Questionnaire C2

	Question in French	Response options in French	Question in English	Response options in English	Recommendations in French	Recommendations in English
AUTRE_SPEEC	Si autre, Spécifiez		Other, specify			
Remarques de l'enquêteur						
Remarks by the interviewer						

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f1_se	SECTION D'ENUMERATION		ENUMERATION SECTION			
F1_id1	NUMÉRO DU QUESTIONNAIRE (Réservé à la Saisie)		NUMBER OF QUESTIONNAIR (Reserved Entering)			
f1_reg	Région:		Region			
f1_ze	Zone d'étude		Study Area			
f1_dist	District de Santé		District of health facility			
1_commune	Commune		Community			
f1_vil	Village / quartier		Village / Neighborhood			
f1_niv	Niveau de la Formation sanitaire:	HÔPITAL RÉGIONAL=1, HOPITAL DE DISTRICT/CMA=2, CENTRE MEDICAL=3, CSPS=4, DISPENSARE OU MATERNITE ISOLE=5, FORMATION SANITAIRE PRIVEE A BUT LUCRATIF=6, FORMATION SANITAIRE PRIVEE CONFESSIONNELLE=7.	Level of Health Facility	REGIONAL HOSPITAL=1, DISTRICT Hospital=2, MEDICAL CENTER=3, CSPS=4, DISPENSARY MATERNITY UNIT=5,PRIVATE FOR PROFIT HEALTH FACILITY=6, PRIVATE RELIGIOUS HEALTH FACILITY=7.		
f1_fosa	NOM DE LA FORMATION SANTAIRE		NAME OF HEALTH FACILITY			
f1_codfo sa	CODE DE LA FORMATION SANITAIRE		CODE OF HEALTH FACILITY			
f1_latitud e	LATITUDE (NORD)		LATITUDE (NORTH)			
f1_longit ude	LONGITUDE (EST)		LONGITUDE (EAST)			
f1_empl	EMPLACEMENT	URBAN=1, RURAL=2.	LOCATION	URBAN=1, RURAL=2.		
f1_coden q	CODE ENQUETEUR		INTERVIEWER CODE			
f1_Ddate vis	Date visite		Visit Date			
f1_result	Questionnaire (cette partie doit être remplie à l'issu de l'interview)	ENTIEREMENT REMPLI=1, PARTIELLEMENTREMPLE=2, LE RESPONSABLE A REFUSÉ L'ENTREVUE=3, LE RESPONSABLE EST ABSENT (LE PERSONNEL PRESENT N'EST PAS AUTORISÉ)=4, LA FORMATION SANITAIRE EST VIDE (AUCUN MEMBRE DU PERSONNEL N'EST PRESENT)=5, AUTRE, PRÉCISER=7.	Questinnaire (this section must be completed at the end of the interview)	FULLY COMPLETED = 1, PARTIALY COMPLETED = 2, THE MANAGER REFUSED THE INTERVIEW = 3, THE MANAGER RESPONSIBLE IS ABSENT (STAFF AVAILABLE IS NOT AUTHORIZED TO RESPOND) = 4, THE HEALTH FACILITY IS EMPTY (NO STAFF IS PRESENT) = 5, OTHER, SPECIFY = 7 .		
f1_const	CONSENTEMENT ECLAIRE, A RECUEILLIR AVANT LE DEBUT DE L'OBSERVATION	OUI=1, NON=2.	CONSENT, TO COLLECTED BEFORE THE BEGINNING OF OBSERVATION	YES=1, NO=2.		
f1_codes up	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Code)		CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Code)			

Questionnaire F1

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f1_dates up	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Date)	JOUR/MOIS/ANNÉE	CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Date)	DAY/MONTH/YEAR		
f1_codops	OPERATEUR DE SAISIE DE DONNEES (Code)		DATA ENTRY OPERATOR (Code)			
f1_dates aisie	OPERATEUR DE SAISIE DE DONNEES (Date)	JOUR/MOIS/ANNÉE	DATA ENTRY OPERATOR (Date)	DAY/MONTH/YEAR		

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
1	Informations générales		General Informations			
(A)	General		General			
PERSONNE INTERROGÉE : RESPONSABLE DE LA FORMATION SANITAIRE OU TOUT AUTRE						
RESPONDENT: RESPONSIBLE FOR HEALTH TRAINING OR ANY OTHER MEMBER OF QUALIFIED						
f1_101	Êtes-vous responsable de cette formation sanitaire aujourd'hui? Si	OUI=1, NO=2	Are you in charge of this facility today?	YES=1. NO=2		
f1_102	A) Quelle fonction occupez-vous dans cette formation sanitaire?	Chef de la formation sanitaire=1 Adjoint au chef de la formation sanitaire=2 Responsable santé maternelle et infantile/PF/SR= 3 Responsable des consultations externes=4 Surveillant d'Unité de Soins (SUS)=5 Responsable Service de Vaccination=6 Responsable Hygiène et Assainissement=7 Major - Pédiatrie=8 Major - Maternité=9 Major - Médecine Interne=10 Major - Bloc opératoire=11 Autre, PRÉCISER: 97	A) What is your job title at this facility?	Head of clinic =1 Deputy Head of clinic =2 Responsible for MCH / FP / RH =3 Responsible for external consultations= 4 Care Monitoring Unit =5 Responsible Immunization Service=6 Responsible Sanitation and Hygiene=7 Chief Nurse - Pediatrics=8 Chief Nurse - Maternity=9 Chief Nurse - Internal Medicine=10 Chief Nurse - Operation =11 Chief Nurse- Surgery =12 Responsible for Maternity=13. Responsible for Drugs=14		
f1_103	B) Quelle est votre profession?	Médecin (y compris spécialiste)=1 Pharmacien=2 Chirurgien Dentiste=3 Attaché de Santé (AS)=4 Manipulateur d'Etat en Electro Radiologie (MEER)=5 Technicien de Laboratoire=6 Technicien d'Hygiène=7 Préparateur d'Etat en Pharmacie=8 Infirmier Diplômé d'Etat (IDE)=9 Sage Femme ou Maieuticien d'Etat (SFE/ME)=10 Infirmier Breveté (IB)=11 Accoucheuse Auxiliaire (AA)=12 Matrones=13 Agent Itinérant de Santé (AIS) =14 Garçon ou Fille de Salle (GS/FS)=15 Gérant de dépôt de médicaments=16 Autre Spécifiez=97	B) What is your Profession?	Doctors (including specialists)=1 Pharmacist=2 Dental Surgeon=3 Health Assistant=4 Manipulator State Electro Radiology (MEER)=5 Laboratory Technician=6 Hygiene Technician=7 Preparer of State Pharmacy=8 State Nursing graduate=9 State Midwife=10 Licensed Nurse=11 Auxilliary Midwife=12 Matron=13 Health Agent=14 Boy or Girl Room (GS / FS)=15 Manage dispensaries=16 Others; Specify=97		
f1_104	Cette formation sanitaire est-elle un....?	HÔPITAL RÉGIONAL=1 HOPITAL DE DISTRICT/CMA=2 CENTRE MEDICAL =3 CSPS=4 DISPENSAIRE OU MATERNITE ISOLE=5 FORMATION SANITAIRE PRIVEE A BUT LUCRATIF=6 FORMATION SANITAIRE PRIVEE CONFESIONNELLE=7	This Health Facility (clinic) is it a?	REGIONAL HOSPITAL= 1 DISTRICT HOSPITAL=2 MEDICAL CENTER =3 INTEGRATED HEALTH CENTER= 4 MATERNITY CLINIC OR ISOLATED=5 PRIVATE HEALTH FACILITY FOR PROFIT= 6 PRIVATE RELIGIOUS EDUCATION HEALTH=7		

Questionnaire F1

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
f1_105	Qui est le propriétaire de cette formation sanitaire?	Gouvernement =1 Organisation privée à but lucratif=2 Organisation Non Gouvernementale=3 Mission / Organisation religieuse=4 Particulier =5 Militaire=6 Autre; Spécifiez=7	Who owns this health facility?	Government = 1 Private for-profit organization = 2 Non Governmental Organization = 3 Mission / Religious Organization = 4 Special = 5 Military = 6 Other; Specify = 7		
f1_106	En quelle année cette formation sanitaire a-t-elle été mise en service?		When was the last important investment in infrastructure?	ENQUÊTEUR : INSCRIRE PARTOUT SELON LE FORMAT SUIVANT. EX SI LE DÉBUT C'EST 7h, INSCRIRE 0700. SI C'EST 19 heures, INSCRIRE 1900.		ENQUÊTEUR : INSCRIRE MOIS ET ANNÉE. IL S'AGIT ENTRE AUTRES DE GRANDS TRAVAUX DE PEINTURE, PLOMBERIE, AGRANDISSEMENT DU BÂTIMENT, ETC. ENQUÊTEUR : UTILISER CE FORMAT POUR L'ANNÉE AAAA (EX 1941). /ENTER MONTH AND YEAR. THIS IS AMONG OTHER LARGE PAINTING, PLUMBING, EXTENSION OF THE BUILDING, ETC. PRECORD YEAR IN YYYY FORMAT (E.G. 1941).
f1_107	Quand a eu lieu le dernier investissement de grande importance dans l'infrastructure ?		Quand a eu lieu le dernier investissement de grande importance dans l'infrastructure ?			
f1_107_m	a. MOIS "MM"		a. Month "MM"			SI L'INVESTISSEMENT S'EST ÉTENDU SUR PLUS D'UN AN, NOTER JUSTE L'ANNÉE LA PLUS RÉCENTE
f1_107_aa	b. ANNEE "AAAA"		b. Year "YYYY"			
f1_108	Cette formation sanitaire fournit-elle des soins à toute heure ? C'est-à-dire 24 heures sur 24 ?	OUI, OFFICIELLEMENT=1 OUI, DE MANIÈRE INFORMELLE / DANS LA PRATIQUE=2	Does this facility provide care round-the-clock (i.e. 24 hours)?	YES, FORMALLY/ OFFICIALLY=1, YES, INFORMALLY/ IN PRACTICE=2, NO=3	1 ► 1.15 2 ► 1.15	

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
f1_109	À quel heure de la journée commencez-vous les soins aux malades externes?	ENQUÊTEUR : INSCRIRE PARTOUT SELON LE FORMAT SUIVANT. EX SI LE DÉBUT C'EST 7h, INSCRIRE 0700. SI C'EST 19 heures, INSCRIRE 1900.	At what time of the day does outpatient care start?	INTERVIEWER: RECORD IN MILITARY TIME THROUGHOUT. E.G. IF IT STARTS AT 7AM, RECORD 0700. IF IT STARTS AT 7PM, RECORD 1900.		
f1_109_a	a. Jours ouvrables		a. Weekdays			
f1_109_b	b. Samedi		b. Saturday			
f1_109_c	c. Dimanche		c. Sunday			
f1_109_d	d. Jours fériés		d. Holidays			
f1_109_e	e. Jours ouvrables		a. Weekdays			
f1_109_f	f. Samedi		b. Saturday			
f1_109_g	g. Dimanche		c. Sunday			
f1_109_h	h. Jours fériés		d. Holidays			
f1_110	À quelle heure prennent fin les soins aux malades externes?		At what time does outpatient care end?			
f1_111	La formation sanitaire fait-elle une pause en milieu de journée et offre		The clinic does it break at midday and also offers care in the afternoon after		2 ► 1.15	
f1_112	À quel heure les soins recommencent-ils l'après-midi pour les malades externes?	ENQUÊTEUR : INSCRIRE PARTOUT SELON LE FORMAT SUIVANT. EX SI LE DÉBUT C'EST 7h, INSCRIRE 0700. SI C'EST 19 heures, INSCRIRE 1900.	On what days does the facility offer antenatal care clinics, and for how many hours on those days?	INTERVIEWER: FOR EACH DAY, RECORD THE NUMBER OF HOURS THE SERVICE IF OFFERED. IF SERVICE IS NOT OFFERED THAT DAY, RECORD "00".		
f1_112_a	a. Jours ouvrables		a. working days			
f1_112_b	b. Samedi		b. Saturday			
f1_112_c	c. Dimanche		c. Sunday			
f1_112_d	d. Jours fériés		d. holidays			
f1_113	À quelle heure les soins finissent-ils l'après-midi pour les malades externes?	ENQUÊTEUR : INSCRIRE PARTOUT SELON LE FORMAT SUIVANT. EX SI LE DÉBUT C'EST 7h, INSCRIRE 0700. SI C'EST 19 heures, INSCRIRE 1900.	At what time do care end the afternoon for outpatients?	INTERVIEWER: RECORD ANYWHERE IN THE FOLLOWING FORMAT. EX IF THIS IS THE BEGINNING 7am UP 0700. IF THIS IS 19 hours, ENTER 1900.		ENQUÊTEUR : INSCRIRE PARTOUT SELON LE FORMAT SUIVANT. EX SI LE DÉBUT C'EST 7h, INSCRIRE 0700. SI C'EST 19 heures, INSCRIRE 1900.
f1_113_a	a. Jours ouvrables		a. working days			
f1_113_b	b. Samedi		b. Saturday			
f1_113_c	c. Dimanche		c. Sunday			
f1_113_d	d. Jours fériés		d. Holidays			
f1_114	Pendant combien d'heures la formation sanitaire offre-t-elle des soins pour les enfants âgés de moins	ENQUÊTEUR : POUR CHACUN DES JOURS, INSCRIRE LE NOMBRE D'HEURES PENDANT LESQUELLES CE SERVICE EST OFFERT. SI CE SERVICE N'EST PAS OFFERT, INSCRIRE "00".	On what days does the facility offer under 5 clinics, and for how many hours on those days?	INTERVIEWER: FOR EACH DAY, RECORD THE NUMBER OF HOURS THE SERVICE IF OFFERED. IF SERVICE IS NOT OFFERED THAT DAY, RECORD "00".		
f1_114_a	a. Lundi		a. . Monday			
f1_114_b	b. Mardi		b. Tuesday			

Questionnaire F1

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
f1_114_c	c. Mercredi		c. Wednesday			
f1_114_d	d. Jeudi		d. Thursday			
f1_114_e	e. Vendredi		e. Friday			
f1_114_f	f. Samedi		f. Saturday			
f1_114_g	g. Dimanche		g. Sunday			
f1_115	Citer les quatre principales sources de financement ou de revenus (entrées en argent liquide) de cette formation		List the four main sources of funding or revenue (inflows of cash) of this facility?	POUR CHACUNE DES 4 SOURCES DE FINANCEMENT CITÉES PAR LE SUJET INTERROGÉ (SEULEMENT 4), INSCRIRE "1" DANS LA LIGNE CORRESPONDANTE. POUR TOUTES LES SOURCES DE FINANCEMENT QUE LE SUJET INTERROGÉ NE CITERA PAS PARMI LES QUATRE PRINCIPALES SOURCES, INSCRIRE "2". Aucune case ne doit être laissé vide. /FOR ALL 4 FUNDING SOURCES CITED BY SUBJECT EXAMINATION (ONLY 4) UP "1" MATCH LINE. FOR ALL SOURCES OF FINANCING THE SUBJECT EXAMINATION WILL QUOTE DO NOT AMONG THE FOUR MAIN SOURCES UP "2". No box should be left blank.		ENQUÊTEUR : NE LISEZ PAS LES OPTIONS. / DO NOT READ THE OPTIONS.
f1_115_a	a. GOUVERNEMENT (Salaires)		a. GOUVERNEMENT (Salaires)			
f1_115_b	b. FRAIS DE PRESTATIONS		b. COSTS OF BENEFITS			
f1_115_c	c. VENTE DES MEDICAMENTS		c. "SALE OF DRUGS"			
f1_115_d	d. ORGANISATIONS CONFESIONNELLES		d. FAITH-BASED ORGANIZATIONS			
f1_115_e	e. SOCIÉTÉ PRIVÉE		e. PRIVATE COMPANY			
f1_115_f	f. DONATEUR		f. DONOR			
f1_115_g	g. VERSEMENTS D'UNE ASSURANCE MALADIE		g. PAYMENT OF A HEALTH INSURANCE			
f1_115_h	h. COLLECTIVITES LOCALES (Communauté)		h. LOCAL (Community)			
f1_115_i	i. FINANCEMENTS BASES SUR LES RESULTATS		i. FINANCE BASED ON RESULTS			
f1_115_k	j. AUTRE		j. OTHERS			
f1_115_spec	Spécifiez		Specify			
f1_116	Quel montant avez-vous reçu de chacune des sources suivantes en 2012 en FCFA?	INSCRIRE LE MONTANT RECU EN FCFA. S'IL EST DE ZERO FRANC, INSCRIRE "0000".	Can you please tell me the amount received from each of the following sources in 2010 in FCFA?	INSERT AMOUNT RECEIVED IN FCFA. IT IS ZERO FRANC, INSERT "0000".		ENQUÊTEUR : POUR CHAQUE SOURCE, (PAS SEULEMENT LES 4 PRINCIPALES),
f1_116_a	a. GOUVERNEMENT (Salaires)		a. GOUVERNEMENT (Salaires)			
f1_116_b	b. FRAIS DE PRESTATIONS		b. COSTS OF BENEFITS			
f1_116_c	c. VENTE DES MEDICAMENTS		c. "SALE OF DRUGS"			
f1_116_d	d. ORGANISATIONS CONFESIONNELLES		d. FAITH-BASED ORGANIZATIONS			
f1_116_e	e. SOCIÉTÉ PRIVÉE		e. PRIVATE COMPANY			
f1_116_f	f. DONATEUR		f. DONOR			
f1_116_g	g. VERSEMENTS D'UNE ASSURANCE MALADIE		g. PAYMENT OF A HEALTH INSURANCE			
			h. LOCAL (Community)			

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
f1_116_h	h. COLLECTIVITES LOCALES (Communauté)		i. FINANCE BASED ON RESULTS			
f1_116_i	i. FINANCEMENTS BASES SUR LES RESULTATS		j. OTHERS			
f1_116_j	j. AUTRE		Specify			
f1_116_sp ec	Spécifiez					
f1_117	Montant total reçu en FCFA (ENQUÊTEUR : Confirmer)		Total amount received FCFA (INTERVIEWER: Confirm)			
f1_118	ENQUÊTEUR : SOURCES D'INFORMATION consultées pour	Dossiers de la formation sanitaire=1 Aucune source: rapport oral=2	INTERVIEWER: INFORMATION SOURCES consulted for the budget	Records of the health facility=1 No source: oral report=2		
f1_119	Précisez		Specify			
f1_120	Pouvez vous nous dire si la formation sanitaire a versé des primes de	OUI=1, NO=2	Can you tell us whether the facility has paid bonuses or extra pay staff in	YES=1. NO=2		
f1_121	Quel montant total la formation sanitaire a-t-elle payé au titre de primes de rendement ou de supplément de salaire au personnel en 2012. En FCFA?	FCFA	What total health training was paid in respect of bonuses or extra pay to staff in 2012. CFAP?	FCFA		
f1_122	ENQUÊTEUR : SOURCES D'INFORMATION CONSULTEES POUR OBTENIR LE MONTANT DES DEPENSES	Système de contrôle du FBR=1 Autres documents de la formation	INTERVIEWER: SOURCE OF INFORMATION CONSULTED TO OBTAIN EXPENSE FIGURES	RBF MONITORING SYSTEM = 1 OTHER FACILITY RECORD = 2 NO SOURCE: ORAL REPORT = 3 Others = 7		
f1_123	Précisez		Specify			
f1_124	Quelle est la principale source d'électricité?	SONABEL=1 Groupe électrogène=2 Solaire=3	What is the primary source of electricity?	Electrical mains/grid=1 Generator=2 Solar=3	4 ► 1.27	
	ENQUÊTEUR: UNE SEULE REPONSE POSSIBLE	Aucune source d'électricité=4 "AUTRE=7	INTERVIEWER: ONE ANSWER ONLY	No source of electricity=4 "Others=7		
f1_125	Y a-t-il eu des coupures de courant électrique au cours des 7 derniers	OUI=1, NO=2	Were there any electric power failure in the last 7 days?	YES=1. NO=2	2 ► 1.27	
f1_126	Pendant combien d'heures n'avez-vous pas eu de courant électrique pendant les 7 derniers jours?	MAXIMUM 168 heures	How many hours have you been no electricity in the last 7 days?	MAXIMUM 168 heures		
f1_127	Quelle est la principale source d'approvisionnement en eau	Robinet dans le centre de santé=01 Canalisation dans la cour / parcelle occupée=02 Robinet public / borne fontaine=03 Puits protégé=04 Puits non protégé=05	What is the main source of water supply	Tap in the health center = 01 Pipe in the yard / plot occupied = 02 Public tap / standpipe = 03 Well protected = 04 Unprotected wells = 05 Protected source = 06		
	ENQUÊTEUR: UNE SEULE REPONSE POSSIBLE	Source protégée=06 Source non protégée=07	INTERVIEWER: ONE ANSWER ONLY	Unprotected source = 07 Rainwater = 08		
		Eau de pluie=08		Water tankers / Rating = 09	9 ► 1.35	
		Camion citerne à eau/ vendeur=09		Drilling = 10		
		Forage=10		Surface water (lake, river or stream) = 11	11 ► 1.31	
		Eau superficielle (lac, rivière ou ruisseau)=11		Bottled water / sachets = 12	12 ► 1.29	
		Eau embouteillée /sachets=12		"OTHER, SPECIFY = 97		
		"AUTRE, PRÉCISER=97				

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
f1_128	Cette source principale d'approvisionnement est-elle utilisée	LA FORMATION SANITAIRE SEULE=1 PARTAGÉE=2	Is this primary source of water used only by the facility, or is it shared with	ONLY FACILITY=1 SHARED=2		
f1_129	Pendant les 7 derniers jours, y-a-t-il eu manque d'eau dans la formation	OUI NON	In the last 7 days, was there any time when there was no water available in	YES=1. NO=2	2 ► 1.31	
f1_130	Pendant les 7 derniers jours, pendant combien d'heures y-a-t-il eu manque d'eau dans la formation sanitaire?	MAXIMUM 168 heures	In the last 7 days, for how many hours was there no water available at the facility?	MAXIMUM 168 heures		
f1_131	Combien de temps cela prend-il pour aller chercher de l'eau de la source	minutes	How long does it take to fetch water from the primary source for the health	minutes		
f1_132	La formation sanitaire dispose-t-elle d'une radio opérationnelle?	OUI=1, NO=2	Does the facility have a functioning talky walky?	YES=1. NO=2		
f1_133	La formation sanitaire dispose-t-elle d'une ligne téléphonique, qu'il s'agisse	OUI, fixe=1, OUI; PORTABLE=2, Oui, les deux=3, Non=4.	Does the health facility have phone line, whether a landline or a mobile	YES, LANDLINE=1; YES, MOBILE=2; YES, BOTH=3; NO=4:	1 ► 1.36 2 ► 1.36 3 ► 1.36	
f1_134	INTERVIEWEUR: SEULEMENT SI REPONSE 1,33 ETAIT NON: Y a-t-il des	OUI=1, NO=2	INTERVIEWER: IF ONLY WAS NO ANSWER 1.33: Will it functional	YES=1. NO=2	2 ► 1.38	
f1_135	Combien de temps (ALLER SIMPLE) faut-il pour accéder à ces services téléphoniques?	minutes	How long does it take to reach those phone services?	minutes		
f1_136	Pendant les 7 derniers jours, la formation sanitaire a-t-elle été coupée	OUI=1, NO=2	In the last 7 days, was there any time when the facility did not have any	YES=1. NO=2	2 ► 1.38	
f1_137	Pendant combien d'heures la formation sanitaire a été coupée du téléphone au cours des 7 derniers jours?	MAXIMUM 168 heures	How many hours was telephone out in the last 7 days?	MAXIMUM 168 heures		
f1_138	Y'a-t-il quelqu'un parmi le personnel médical de la formation sanitaire qui	OUI=1, NO=2	Do any of the health facility staff have a mobile phone line?	YES=1. NO=2		
f1_139	Cette formation sanitaire réfère-t-elle les patients vers d'autres formations	OUI=1, NO=2	Does this facility refer patients to other facilities?	YES=1. NO=2	2 ► 1.41	
f1_140	Où est-ce que la formation sanitaire réfère-t-elle pour les cas suivants:	d. Chirurgie e. Accouchement sans complication f. Urgences obstétricales g. Soins spécialisés h. AUTRE, PRÉCISER: ☐	Where does the facility refer the following:			
	ENQUÊTEUR : LIRE TOUTES LES OPTIONS À HAUTE VOIX.	POUR CHAQUE OPTION, INSCRIRE L'UN DES CODES SUIVANTS EN FONCTION DE LA REPONSE DONNEE :	INTERVIEWER: READ ALL OPTIONS ALOUD.	FOR EACH OPTION, RECORD THE FOLLOWING CODES:		
		Centre Hospitalier Universitaire (CHU).....01		University Teaching Hospital (UTH).....01		
f1_140_a	a. Tests de laboratoire ☐	Centre Hospitalier Régional (CHR).....02	a. Laboratory Tests	Regional Hospitals (CHR).....02		
f1_140_b	b. Radiologie/ imagerie médicale	Hôpital de District (CMA).....03	b. Radiology / Imaging	District Hospitals (CMA).....03		

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
f1_140_c	c. Malade hospitalisé	Centre Médical (CM).....04	c. inpatient	Medical Center (CM).....04		
f1_140_d	d. chirurgie	Autre CSPA.....05	d. surgery	Other Integrated Health Centers.....05		
f1_140_e	e. accouchement sans complication	Centre de santé privé à but lucratif.....06	e. Uncomplicated delivery	Private for Profit Health Centers.....06		
f1_140_f	f. urgences obstétricales	Centre de santé privé confessionnel.....07	f. obstetric emergencies	Private Religious HealthCenters.....07		
f1_140_g	g. soins spécialisés	Centre de santé d'ONG.....08	g. specialized care	Health Centre NGO 08		
f1_140_h	h. Autre, précisez "	Ne réfère pas .....09	h. OTHER, SPECIFY	Does not refer 09		
		Autre, spécifiez.....97		Others, Specify.....97		
f1_141	La formation sanitaire dispose-t-elle d'un moyen de transport (pour	OUI=1, NO=2	Does the facility have access to any kind of transportation (to pick up	YES=1. NO=2		
f1_142	La formation sanitaire a accès à combien de [véhicules] de travail?	Pour chaque option, INSCRIRE LE NOMBRE DE VÉHICULES TRAVAIL DISPONIBLES. S'il est de zéro, INSCRIRE 00.	How many working [VEHICLES] does the facility have access to?	FOR EACH OPTION, RECORD NUMBER OF WORKING VEHICLES AVAILABLE. IF ZERO, RECORD 00.		
	ENQUÊTEUR : LIRE LES OPTIONS À HAUTE VOIX.		INTERVIEWER: READ OPTIONS ALOUD.			
f1_142_a	a. Ambulance, propriété de la formation sanitaire		a. Ambulance, owned by the facility			
f1_142_b	b. Véhicules privés loués à temps plein		b. Private vehicles hired full-time			
f1_142_c	c. Véhicules privés loués à temps partiel		c. Private vehicles hired part-time			
f1_142_d	d. Autre véhicule que possède la formation sanitaire		d. Another vehicle that has the facility			
f1_142_e	e. Moto Ambulance, propriété d'une autre formation sanitaire		e. Ambulance motorcycle owned by another health facility			
f1_142_f	f. Véhicules privés obtenus à la demande		f. Private vehicles obtained on request			
f1_142_g	g. Moto ambulance, propriété de la formation sanitaire		g. Motorcycle ambulance owned by the facility			
f1_142_h	h. Motos louées		h. rented bikes			
f1_142_i	i. Vélo, propriété de la formation sanitaire		i. Bike owned health facility			
f1_142_j	j. Tricycle motorisé		j. motorized tricycle			
f1_142_k	k. Pirogue		k. canoe			
f1_142_l	l. Charrette		l. cart			
f1_142_m	m Autre, spécifier		m Other, specify			
f1_143	Pendant les 7 derniers jours, y'a-t-il eu des moments où aucun moyen de	OUI=1, NO=2	In the last 7 days, was there any time when there was no transportation	YES=1. NO=2		
f1_144	Pendant combien d'heures les moyens de transport n'ont-ils pas été disponibles durant les 7 derniers jours?	Maximum de 168 heures	How many days was transportation unavailable in the last 7 days?	Maximum de 168 heures		
f1_145	La formation sanitaire possède-t-elle un ordinateur fonctionnel ?	OUI=1, NO=2	Does the facility own a functioning computer?	YES=1. NO=2		

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
(B)	Sécurité et Hygiène		Health and Safety			
	PERSONNE INTERROGÉE: RESPONSABLE DE LA FORMATION SANITAIRE OU SON ASSISTANT		RESPONDENT: RESPONSIBLE FOR THE HEALTH FACILITY OR HIS ASSISTANT IT IS ABSENT OR UNAVAILABLE.			
f1_146	La formation sanitaire possède-t-elle une salle de consultation pour les malades externes?	OUI, vu=1 OUI, pas vu=2 NON =3	Does the facility have a general outpatient consultation room?	YES, SEEN=1 YES, NOT SEEN=2 NO=3		
f1_147	Cette pièce est-elle équipée d'une boîte de sécurité ou d'un boîte fermée pour jeter les objets tranchants déjà	OUI, vu=1 OUI, pas vu=2 NON =3	Is this room equipped with a safety box or closed container present for disposal of used sharps?	YES, seen = 1 YES, not seen = 2 NO = 3		
f1_148	Y a-t-il dans la salle des affiches sur les étapes de la procédure de désinfection?	OUI, vu=1 OUI, pas vu=2 NON =3	Does the room have posted procedures for decontamination procedure steps?	YES, seen = 1 YES, not seen = 2 NO = 3		
f1_149	Dans la salle, y a-t-il un lavabo avec une source d'approvisionnement en eau?	OUI, vu=1 OUI, pas vu=2 NON =3	Does the room have a basin with a water source?	YES, seen = 1 YES, not seen = 2 NO = 3		
f1_150	Au niveau du lavabo, y a-t-il du savon?	OUI, vu=1 OUI, pas vu=2 NON =3	At the sink, is there soap?	YES, seen = 1 YES, not seen = 2 NO = 3		
f1_151	Quels sont les principaux désinfectants utilisés dans la formation sanitaire ?	a. Chlorhexidine b. Dakin c. Eau de javel (Hypochlorite de Sodium/Chlorine solution/JIK solution) d. Alcool e. AUTRE ☐	What disinfectant(s) are being used in the facility?	a. chlorhexidine b. Dakin c. Bleach (Sodium Hypochlorite / Chlorine solution / solution JIK) d. alcohol e. OTHER		
	ENQUÊTEUR: NOTEZ 1 POUR OUI; 2 POUR NON		INTERVIEWER: NOTE 1 FOR YES, 2 FOR NO			
f1_152	Y a-t-il un incinérateur fonctionnel pour l'élimination des déchets médicaux?	OUI, vu=1 OUI, pas vu=2 NON =3	Is there a functional incinerator for medical waste disposal?	YES, seen = 1 YES, not seen = 2 NO = 3		
f1_153	Les déchets sont-ils transférés vers un autre centre de santé pour être	OUI=1, NO=2	Are Waste transferred to another health facility for incineration	YES=1. NO=2		
f1_154	Quelle est la procédure utilisée pour décontaminer les équipements médicaux après l'utilisation initiale?	TREMPES dans une solution désinfectante, puis brossés et frottés avec du savon + EAU=1 BROSSES avec du savon et de l'eau, puis trempés dans une solution désinfectante=2 BROSSES uniquement avec du savon et de l'eau=3	What is the procedure used to decontaminate medical equipment after initial use?	SOAKED in disinfectant, then scrubbed and scrubbed with soap + WATER = 1 solution BRUSH with soap and water, then soaked in a disinfectant solution = 2 BRUSH only with soap and water = 3 SOAKED only in a disinfectant solution = 4	7 ► 1.56	
f1_155	Quelle est la procédure utilisée pour la stérilisation de l'équipement médical avant réutilisation?	En autoclave=1, ÉBULLITION=2 Stérilisation à la vapeur=3 Méthode chimique=4 Traités à l'extérieur de la formation sanitaire=5 Poupinel=6 AUCUNE=7	What procedure is used for sterilizing medical equipment before re-use?	DRY-HEAT STERILIZATION=1 AUTOCLAVING=2 BOILING=3 STEAM STERILIZATION =4 CHEMICAL METHOD=5 PROCESSED OUTSIDE FACILITY=6 NONE=7 "OTHER. SPECIFY=97		
f1_156	Le protocole de stérilisation du matériel est-il affiché?	AFFICHÉ=1, PAS AFFICHÉ=2. PAS AFFICHÉ	Is the protocol for sterilizing equipment displayed?	DISPLAYED=1, NOT DISPLAYED=2.		
f1_157	Y a-t-il des dispositions prévues pour l'élimination des déchets biomédicaux?	OUI=1, NO=2	Is there a provision for the disposal of bio medical waste?	YES=1. NO=2		
f1_158	Comment les déchets biomédicaux sont-ils éliminés?	ENTERRÉS EN FOSSE=1 BRULÉS/INCINERES=2	How is biomedical waste disposed off?	BURIED IN PIT=1 BURNED=2		

Questionnaire F1

Variable No.	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
	ENQUÊTEUR : NE LISEZ PAS LES OPTIONS À HAUTE VOIX. Une seule réponse est valable. S'il y a plusieurs	JETES DEHORS=3	INTERVIEWER: DO NOT READ OPTIONS ALOUD. RECORD SINGLE RESPONSE. IF SEVERAL WASTE DISPOSAL METHODS,	THROWN OUTSIDE=3		
		SOUS TRAITANCE=4		OUTSOURCED=4		
		"AUTRE, PRÉCISER=7		"OTHER, SPECIFY=7		

Variable	Wording of question in French	Response option in French	Wording of question in English	Reponse option in English	Skip	Remarks
2	Administration et gestion		Administration and Management			
	PERSONNE INTERROGÉE: RESPONSABLE DE LA FORMATION SANITAIRE OU TOUT AUTRE MEMBRE DU PERSONNEL.		RESPONDENT: RESPONSIBLE FOR HEALTH FACILITY OR OTHER STAFF.			
f1_201	Y a-t-il un Comité de Gestion pour cette formation sanitaire (COGES) ?		Is there a Hospital/Health Center Committee for this health facility?		if f1_202 = 2 ► 2.07	
f1_202	Combien de membres siègent à ce comité? (ECRIRE LE NOMBRE)		How many members are on this Committee? (write the number)			
f1_203	Les personnes suivantes sont-elles représentées à ce comité?	POUR CHAQUE OPTION, INSCRIRE "1" si OUI, "2" SI NON.	Is there a representative of any of the following on this Committee?			
	ENQUÊTEUR : LIRE TOUTES LES OPTIONS À HAUTE VOIX.		INTERVIEWER: READ ALL OPTIONS ALOUD.			
f1_203_a	a. Maire(s) de(s) la commune(s) / chef de village	Oui = 1, Non = 2	a. Mayor (s) (s) Common (s) / village chief	Yes = 1, No = 2		
f1_203_b	b. Responsable de la formation sanitaire	Oui = 1, Non = 2	b. Head of clinic	Yes = 1, No = 2		
f1_203_c	c. Gestionnaire de la formation sanitaire (financière) ¶	Oui = 1, Non = 2	c. Manager of the facility (financial)	Yes = 1, No = 2		
f1_203_d	d. Coordinatrice des soins infirmiers et obstétriques	Oui = 1, Non = 2	d. Coordinator of Nursing and Midwifery	Yes = 1, No = 2		
f1_203_e	e. Représentant(s) du personnel de la formation sanitaire ¶	Oui = 1, Non = 2	e. Representative (s) of staff of the health facility	Yes = 1, No = 2		
f1_203_f	f. Représentant(s) de la communauté ¶	Oui = 1, Non = 2	f. Representative (s) of the community	Yes = 1, No = 2		
f1_203_g	g. Personnels d'Organisation Non Gouvernementale	Oui = 1, Non = 2	g. Personnel of Non Governmental Organization	Yes = 1, No = 2		
f1_203_h	h. Représentant laïc/confessionnel ¶	Oui = 1, Non = 2	h. Representative of lay / religious	Yes = 1, No = 2		
f1_203_i	i. Autre	Oui = 1, Non = 2	i. Other	Yes = 1, No = 2		
f1_203_spe c	spécifiez		specify			
f1_204	Au cours des 12 derniers mois, combien de réunions du COGES de la formation		In the last 12 months, how many Hospital/Health Center Committee			
f1_205	La formation sanitaire possède t-elle des documents écrits des réunions du comités de gestion (minutes, décisions, etc)?		Does the facility have written records of the Hospital/Health Center Committee meetings (minutes, decisions, etc.)?			
f1_206	Quelles initiatives ont été prises par le comité de gestion de la formation sanitaire	Oui = 1, Non = 2	What initiatives were taken by the Hospital/Health Center Committee and			NE LISEZ PAS LES OPTIONS À HAUTE VOIX.
f1_206_a	a. Soutien administratif à la formation sanitaire, par exemple approuver les		a. ADMINISTRATIVE SUPPORT TO FACILITY, E.G. APPROVING PAYMENTS	Mentioned = 1; Not mentioned = 2		Pour chaque option, INSCRIRE "1" si mentionné,
f1_206_b	b. Fourniture de matériel ou équipements nouveaux		b. PROVIDED NEW SUPPLIES OR EQUIPMENT	Mentioned = 1; Not mentioned = 2		ET "2" si rien n'est indiqué.
f1_206_c	c. Nouvelles infrastructures		c. PROVIDED NEW INFRASTRUCTURE	Mentioned = 1; Not mentioned = 2		
f1_206_d	d. Travaux de réparations		d. PROVIDED REPAIRS TO FACILITY	Mentioned = 1; Not mentioned = 2		

Questionnaire F1

Variable	Wording of question in French	Response option in French	Wording of question in English	Reponse option in English	Skip	Remarks
f1_206_e	e. Approvisionnement en médicaments		e. PROVIDED DRUGS	Mentioned = 1; Not mentioned = 2		
f1_206_f	f. Action de sensibilisation/Mobilisation de la communauté à l'utilisation des services		f. SENSITIZATION / MOBILIZED COMMUNITY TO USE THE HEALTH	Mentioned = 1; Not mentioned = 2		
f1_206_g	g. Aider à transporter le personnel pour les visites à domicile		g. PROVIDED TRANSPORT TO STAFF FOR HOME VISITS	Mentioned = 1; Not mentioned = 2		
f1_206_h	h. Dons en nature		h. GAVE IN-KIND CONTRIBUTIONS	Mentioned = 1; Not mentioned = 2		
f1_206_i	i. Amélioration de la sécurité de la formation sanitaire		i. IMPROVED SECURITY AT THE FACILITY	Mentioned = 1; Not mentioned = 2		
f1_206_j	j. Qualité de l'eau améliorée		j. IMPROVED WATER QUALITY	Mentioned = 1; Not mentioned = 2		
f1_206_k	k. Augmenter la quantité d'une eau de qualité à la formation		j. IMPROVED WATER SUPPLY (QUANTITY)	Mentioned = 1; Not mentioned = 2		
f1_206_l	l. Appui à la formation des agents de santé communautaires		l. SUPPORTED TRAINING FOR COMMUNITY HEALTH WORKERS	Mentioned = 1; Not mentioned = 2		
f1_206_m	m.Appui aux équipes mobiles		m. SUPPORTED OUTREACH TEAMS	Mentioned = 1; Not mentioned = 2		
f1_206_n	n. Vérification des performances de la formation sanitaire en matière de santé		n. VERIFIED HEALTH FACILITY MATERNAL AND CHILD HEALTH-	Mentioned = 1; Not mentioned = 2		
f1_206_o	o. Assainissement de l'environnement (ex. Destruction des gîtes larvaires)		o. ENVIRONMENTAL SANITATION (E.G. DESTRUCTION OF MOSQUITO	Mentioned = 1; Not mentioned = 2		
f1_206_p	p. Pulvérisation à effet permanent dans les domiciles		p. INDOOR RESIDUAL SPRAY	Mentioned = 1; Not mentioned = 2		
f1_206_q	q. Dépistage des maladies		q. SCREENING OF DISEASES	Mentioned = 1; Not mentioned = 2		
f1_206_r	r. Rapport et collecte des données relatives aux activités du financement basé sur les		r. REPORTED AND COLLECTED DATA FOR RESULTS-BASED FINANCING	Mentioned = 1; Not mentioned = 2		
f1_206_s	s. Conception du schéma de financement basé sur les résultats		s. DESIGNED THE RESULTS-BASED FINANCING SCHEME	Mentioned = 1; Not mentioned = 2		
f1_206_t	t. Participation à la formation et à la sensibilisation sur le projet de financement		t. PARTICIPATED IN TRAINING AND AWARENESS RAISING ON PERFORMED	Mentioned = 1; Not mentioned = 2		
f1_207	Le budget de la formation sanitaire pour l'exercice en cours a-t-il été élaboré?		Has a facility budget been developed or elaborated for the current financial year?			
	DEMANDEZ A VOIR LE DOCUMENT DE BUDGET		ASK TO SEE THE BUDGET.			
f1_208	Le plan d'action de la formation sanitaire pour l'exercice en cours a-t-il été élaboré?		Has a facility workplan been developed for the current financial year?			
	DEMANDEZ A VOIR LE PLAN DE TRAVAIL ANNUEL.		ASK TO SEE THE WORKPLAN.		if f1_208 = 3 ► 2,11	
f1_209	Qui sont ceux qui ont pris part à son élaboration?		Who was involved in setting this workplan?			
	LIRE TOUTES LES OPTIONS A HAUTE VOIX. Pour chaque option, INSCRIRE "1"		READ ALL OPTIONS ALOUD. FOR EACH OPTION, RECORD "1" IF YES, "2" IF NO			

Questionnaire F1

Variable	Wording of question in French	Response option in French	Wording of question in English	Reponse option in English	Skip	Remarks
f1_209_a	a. Chef de la formation sanitaire	Oui = 1, Non = 2	a. Chief Of Health Facility	Yes = 1, No = 2		
f1_209_b	b. Préfet	Oui = 1, Non = 2	b. sub-prefet	Yes = 1, No = 2		
f1_209_c	c. Maire(s)/chef de village	Oui = 1, Non = 2	c. Mayor / village chief	Yes = 1, No = 2		
f1_209_d	d. Personnel(s) de la formation sanitaire	Oui = 1, Non = 2	d. Health facility staff	Yes = 1, No = 2		
f1_209_e	e. Personnel(s) d'Organisation Non Gouvernementale	Oui = 1, Non = 2	e. Non Governmental Organization staff	Yes = 1, No = 2		
f1_209_f	f. Membre equipe cadre de district/Prefecture	Oui = 1, Non = 2	f.District mangement team staff/member	Yes = 1, No = 2		
f1_209_g	g. Agent de santé communautaire	Oui = 1, Non = 2	g. Chief of health bureau incharge of plannification and monitored activities at	Yes = 1, No = 2		
f1_209_h	h. Membres de la communauté	Oui = 1, Non = 2	h. Community members	Yes = 1, No = 2		
f1_209_i	i. Représentant du sous-secteur privé laïc/confessionnel	Oui = 1, Non = 2	i. Representative from private subsector secular / religious	Yes = 1, No = 2		
f1_209_j	j. Autre	Oui = 1, Non = 2	j. Other	Yes = 1, No = 2		
f1_209_spe c	spécifiez		specify			
f1_210	Les activités de santé prioritaires sont-elles identifiées dans ce plan d'action pour l'année budgétaire en cours?	Oui = 1, Non = 2	Are priority health-related activities identified in this workplan for the current financial year?	Yes = 1, No = 2		|__|
					if f1_210 = 2 ► 2,12	
f1_211	Maintenant, je vais vous lire une liste de services. Pour chaque service, vous me LIRE TOUTES LES OPTIONS À HAUTE VOIX.		Now I will read you a list of services. For each service, please tell me whether this READ ALL OPTIONS ALOUD.	FOR EACH OPTION TO "1" IF YES / PRIORITY ", 2" IF NO / NOT A PRIORITY.		|__|
f1_211_a	a. Soins prénataux	Oui = 1, Non = 2	a. Prenatal care	Yes = 1, No = 2		
f1_211_b	b. L'accouchement assisté par un personnel qualifié	Oui = 1, Non = 2	b. Institutional delivery	Yes = 1, No = 2		
f1_211_c	c. Soins post partum/ consultation post-natale	Oui = 1, Non = 2	c. Postnatal care	Yes = 1, No = 2		
f1_211_d	d. Vaccination	Oui = 1, Non = 2	d. Immunization	Yes = 1, No = 2		
f1_211_e	e. Consultations curatives	Oui = 1, Non = 2	e. Curative consultations	Yes = 1, No = 2		
f1_211_f	f. La planification familiale	Oui = 1, Non = 2	f. Family planning/Reproductive health	Yes = 1, No = 2		
f1_211_g	g. Nutrition	Oui = 1, Non = 2	g. Nutrition	Yes = 1, No = 2		
f1_211_h	h. Prise en charge des maladies de l'enfant (PCIME)	Oui = 1, Non = 2	h. Integrated management of childhood illness	Yes = 1, No = 2		
f1_211_i	i. Paludisme	Oui = 1, Non = 2	i. Malaria	Yes = 1, No = 2		
f1_211_j	j. Tuberculose	Oui = 1, Non = 2	j. Tuberculosis	Yes = 1, No = 2		

Variable	Wording of question in French	Response option in French	Wording of question in English	Reponse option in English	Skip	Remarks
f1_211_k	k.VIH / Sida	Oui = 1, Non = 2	k. HIV/AIDS	Yes = 1, No = 2		
f1_211_l	l. Promotion et suivi de la santé	Oui = 1, Non = 2	l. Health promotion and monitoring	Yes = 1, No = 2		
f1_211_m	m. Autre	Oui = 1, Non = 2	m. Other	Yes = 1, No = 2		
f1_211_spe c	specifiez		specify			
f1_212	Combien de réunions du personnel de la formation sanitaire ont eu lieu au cours des		How many health facility staff meetings were held in the last 3 months?			
f1_213	Existe-t-il un document écrit décrivant les fonctions du personnel de la formation sanitaire?		Do all facility staff have written job description?			
f1_214	Au cours des 3 derniers mois, combien de visites ont été faites par un représentant de		In the last 3 months, how many visits were made to the health facility by the			
f1_215	Au cours des 3 derniers mois, combien de visites ont été faites par un donateur dans		In the last 3 months, how many visits were made by a district hospital representative			
f1_216	Au cours des 3 derniers mois, combien de visites ont été faites par cette formation		In the last 3 months, how many visits were made by the District Health Management			
NB : la période pendant laquelle le sujet interrogé doit faire appel à sa mémoire est maintenant de 12 MOIS			Note: the period during which the interviewee must appeal to his memory			
f1_217	Pendant les 12 derniers mois, combien de fois le rendement du personnel a-t-il été		In the last 12 months, how many times was the performance of staff assessed		if f1_217 = 0 ► 2.19	|__|
f1_218	Le résultat de cette évaluation interne du rendement du personnel influence-t-il les salaires du personnel ou un salaire au rendement?		Is the result of this internal staff performance assessment linked to staff salary or incentive payment?			|__|
f1_219	Au cours des 12 derniers mois, combien de fois la performance du personnel a-t-elle		In the last 12 months, how many times was the performance of staff assessed		if f1_220 = 0 ► 2.21	|__|
f1_220	Le résultat de cette évaluation du rendement du personnel influence-t-il les salaires du personnel ou un salaire au rendement?		Is the result of the staff performance assessment linked to staff salary or incentive payment?			|__|
f1_221	Au cours des 12 derniers mois, combien de fois le rendement général de la formation		In the last 12 months, how many times was the performance of the facility as a whole		if f1_221 = 0 ► 2.23	
f1_222	Le résultat de l'évaluation de la performance extérieure de la formation sanitaire influence-t-il le financement de la structure sanitaire ?		Is the result of the external performance assessment of the facility linked to facility financing?			|__|
f1_223	La formation sanitaire recueille-t-elle des informations sur l'opinion des patients au moyen de sondages, plaintes / boîte à suggestions ou une autre méthode?		Does the facility obtain information on patient opinion through client surveys, complaint/suggestion box or other method?			|__|
					if f1_223 = 0 ► f1_301	
f1_224	Y a-t-il un mécanisme officiel pour informer le personnel sur l'opinion des patients?		Is there a formal mechanism to inform the staff about patient opinion ?			|__|

Questionnaire F1

Variable	Wording of question in French	Response option in French	Wording of question in English	Reponse option in English	Skip	Remarks
f1_225	Au cours des 12 derniers mois, y a-t-il eu des changements résultants des points de vue des patients?		In the last 12 months, have any changes occurred in the health facility as a result of patient opinion?			|__|

Variable name	Wording of question in French	Response options in French		Response option in English	Skip	Remarks
3	Ressources humaines		Human Resources			PERSONNE
(A)	Gestion des ressources humaines		Human Resources Management			INTERROGÉE:
f1_301	Qui a le pouvoir d'embaucher du nouveau personnel?		Who has the authority to hire or recruit new staff?			Responsable des ressources humaines, Chef de la formation
f1_301_a	a. Chef de la formation sanitaire	Oui = 1, Non = 2	a. Health facility manager/in charge	Yes = 1, No = 2		
f1_301_b	b. Equipe cadre de district	Oui = 1, Non = 2	b. district health management team	Yes = 1, No = 2		LIRE TOUTES
f1_301_c	c. Administration centrale (Ministere de la fonction publique)	Oui = 1, Non = 2	c. central administration (MINFOPRA)	Yes = 1, No = 2		LES OPTIONS À
f1_301_d	d. Administration locale	Oui = 1, Non = 2	d. Local government	Yes = 1, No = 2		HAUTE VOIX.
f1_301_e	e. Organisation Non Gouvernementale	Oui = 1, Non = 2	e. Non Governmental Organization	Yes = 1, No = 2		POUR CHAQUE
f1_301_f	f. Autorité religieuse	Oui = 1, Non = 2	f. Religious authority	Yes = 1, No = 2		OPTION,
f1_301_g	g. Membres de la communauté	Oui = 1, Non = 2	g. Community members	Yes = 1, No = 2		
f1_301_h	h. Comité de Gestion (COGES)	Oui = 1, Non = 2	h. Health Committee	Yes = 1, No = 2		
f1_301_i	i. AUTRE, spécifiez	Oui = 1, Non = 2	i. Other, specify:	Yes = 1, No = 2		
f1_301_sp ec						
f1_302	Qui a le pouvoir de licencier le personnel?		Who has the authority to fire (dismiss) staff?			
f1_302_a	a. Chef de la formation sanitaire	Oui = 1, Non = 2	a. Health facility manager/in charge	Yes = 1, No = 2		LIRE TOUTES
f1_302_b	b. Equipe cadre de district	Oui = 1, Non = 2	b. District health management team	Yes = 1, No = 2		LES OPTIONS À
f1_302_c	c. Administration centrale (Ministere de la fonction publique)	Oui = 1, Non = 2	c. Central administration (MINFOPRA)	Yes = 1, No = 2		HAUTE VOIX.
f1_302_d	d. Administration locale	Oui = 1, Non = 2	d. Local government	Yes = 1, No = 2		POUR CHAQUE
f1_302_e	e. Organisation Non Gouvernementale	Oui = 1, Non = 2	e. Non Governmental Organization	Yes = 1, No = 2		OPTION, / READ
f1_302_f	f. Autorité religieuse	Oui = 1, Non = 2	f. religious authority	Yes = 1, No = 2		ALL OPTIONS
f1_302_g	g. Membres de la communauté	Oui = 1, Non = 2	g. Community members	Yes = 1, No = 2		ALOUD. FOR
f1_302_h	h. Comité de Gestion	Oui = 1, Non = 2	h. Health Committee	Yes = 1, No = 2		EACH OPTION,
f1_302_i	i. AUTRE, spécifiez	Oui = 1, Non = 2	i. Other, specify:	Yes = 1, No = 2		
f1_302_sp ec						
f1_303	Qui a le pouvoir de déterminer la rémunération du personnel?		Who has the authority to determine staff salary?			
	a. Chef de la formation sanitaire		a. Health facility manager/in charge	Yes = 1, No = 2		
f1_303_a	b. Equipe cadre de district/prefecture	Oui = 1, Non = 2	b. District health management team	Yes = 1, No = 2		
f1_303_b	c. Administration centrale (Ministere de la fonction publique)	Oui = 1, Non = 2	c. Central administration	Yes = 1, No = 2		
f1_303_c	d. Administration locale	Oui = 1, Non = 2	d. Local government	Yes = 1, No = 2		
f1_303_d	e. Organisation Non Gouvernementale	Oui = 1, Non = 2	e. Non Governmental Organization	Yes = 1, No = 2		
f1_303_e	f. Autorité religieuse	Oui = 1, Non = 2	f. Religious authority	Yes = 1, No = 2		
f1_303_f	g. Membres de la communauté	Oui = 1, Non = 2	g. Community members	Yes = 1, No = 2		
f1_303_g	h. Comité de Gestion	Oui = 1, Non = 2	h. Health Committee	Yes = 1, No = 2		
f1_303_a	i. Autre	Oui = 1, Non = 2	i. Other	Yes = 1, No = 2		
f1_303_Sp ec	i. Spécifiez	Oui = 1, Non = 2	i. Specify	Yes = 1, No = 2		
POUR CHAQUE TYPE DE POSTE CI-DESSOUS, POSER DES QUESTIONS (3.04) à (3.06).C42			FOR EACH TYPE OF POST BELOW ASK (3.04) to (3.06).			

Variable name	Wording of question in French	Response options in French		Response option in English	Skip	Remarks
			How many authorized employees are there in the facility for [POST TYPE]s? NATURE OF POST			
f1_304	Combien de postes autorisés sont-ils disponibles au sein de la formation sanitaire pour [NATURE FONCTION/ GRADE] ?					Si zero, noter 0 / If zero, rate 0
f1_304_1	1. Chef de la formation sanitaire		1 . Head of clinic			
f1_304_2	2. Médecin		2 . doctor			
f1_304_3	3. Pharmacien		3 . pharmacist			
f1_304_4	4. Chirurgien dentiste		4 . dental surgeon			
f1_304_5	5. Attaché de santé		5 . Attached Health			
f1_304_6	6. Infirmier Diplômé d'Etat (IDE)		6 . Nursing graduate of State (IDE)			
f1_304_7	7. Infirmier Bréveté (IB)		7 . Patented nurse			
f1_304_8	8. Sage Femme d'Etat/Maieuticienne d'Etat		8 . Midwife State / Maieuticienne State			
f1_304_9	9. Technologiste Biomédical (TBM)		9 . Biomedical Technologist (TBM)			
f1_304_10	10. Manipulateur d'Etat en Electro Radiologie		10 . Manipulator State Electro Radiology (MEER)			
f1_304_11	11. Préparateur d'Etat en Pharmacie (PEP)		11 . Preparer State Pharmacy (PEP)			
f1_304_12	12. Technicien d'Hygiène		12 . Hygiene Technician			
f1_304_13	13. Accoucheuse Brevetée (AB)		13 . Patented midwife (AB)			
f1_304_14	14. Agent Itinerant de Santé (AIS)		14 . Agent Intinerant Health (AIS)			
f1_304_15	15. Garçon/Fille de Salle (G/F Salle)		15 . Boy / Girl Room (G / F Room)			
f1_304_16	16. Accoucheuse Auxillaire (AA)		16 . Auxilliare attendant (AA)			
f1_304_17	17. Attaché de Santé Anesthesie		17 . Attached anesthesia health			
f1_304_18	18. Attaché de Santé Gyneco-Obstetrique		18 . Attached obstetrics and gynecology health			
f1_304_19	19. Gardien/Vigile		19 . Guard / guard			
f1_304_20	20. Puéricultrice		20 . nursery			
f1_304_21	21. Attaché de Santé Chirurgie		21 . Attached healthcare surgery			
f1_304_22	22. Attaché de Santé Pédiatrie		22 . Attached pediatric health			
f1_304_23	23. Attaché de Santé Option Odontostomatologie		23 . Attached Health Dentistry option			
f1_304_24	24. Attaché de Santé ORL		24 . Attached ENT Health			
f1_304_25	25. Technicien de Maintenance		25 . Maintenance Technician			
f1_304_26	26. Attaché de Santé en Epidemiologie		26 . Attached health epidemiology			

Questionnaire F1

Variable name	Wording of question in French	Response options in French		Response option in English	Skip	Remarks
f1_304_27	27. Panseur		27 . Panseur			
f1_304_28	28. Adjoint au Chef de Centre		28 . Deputy Head of Centre			
f1_304_29	29. Secrétaire		29 . secretary			
f1_304_30	30. Chauffeur		30 . driver			
f1_304_31	31. Mécanicien		31. mechanic			
f1_304_32	32. Planton/agent de liaison		32 . Messenger / liaison			
f1_304_33	33. Gestionnaire		33 . administrator			
f1_304_34	34. Travailleur social		34 . social worker			
f1_304_35	35. Agent d'entretien		35 . Caretaker			
f1_304_36	36. Morguier		36 . Morguier			
f1_304_37	37. Autre		37 . other			
f1_304_38	38. Précisez		38 . précisez			
	Combien de postes autorisés pour [NATURE FONCTION/GRADE] sont		How many authorized employees for [POST TYPE] are currently filled?			
f1_305						
f1_305_1	1. Chef de la formation sanitaire		1 . Head of clinic			
f1_305_2	2. Médecin		2 . doctor			
f1_305_3	3. Pharmacien		3 . pharmacist			
f1_305_4	4. Chirurgien dentiste		4 . dental surgeon			
f1_305_5	5. Attaché de santé		5 . Attached Health			
f1_305_6	6. Infirmier Diplômé d'Etat (IDE)		6 . Nursing graduate of State (IDE)			
f1_305_7	7. Infirmier Bréveté (IB)		7 . Patented nurse			
f1_305_8	8. Sage Femme d'Etat/Maieuticienne d'Etat		8 . Midwife State / Maieuticienne State			
f1_305_9	9. Technologiste Biomédical (TBM)		9 . Biomedical Technologist (TBM)			
f1_305_10	10. Manipulateur d'Etat en Electro Radiologie		10 . Manipulator State Electro Radiology (MEER)			
f1_305_11	11. Préparateur d'Etat en Pharmacie (PEP)		11 . Preparer State Pharmacy (PEP)			
f1_305_12	12. Technicien d'Hygiène		12 . Hygiene Technician			
f1_305_13	13. Accoucheuse Brevetée (AB)		13 . Patented midwife (AB)			
f1_305_14	14. Agent Itinerant de Santé (AIS)		14 . Agent Intinerant Health (AIS)			
f1_305_15	15. Garçon/Fille de Salle (G/F Salle)		15 . Boy / Girl Room (G / F Room)			

Questionnaire F1

Variable name	Wording of question in French	Response options in French		Response option in English	Skip	Remarks
f1_305_16	16. Accoucheuse Auxilliaire (AA)		16 . Auxilliare attendant (AA)			
f1_305_17	17. Attaché de Santé Anesthesie		17 . Attached anesthesia health			
f1_305_18	18. Attaché de Santé Gyneco-Obstetrique		18 . Attached obstetrics and gynecology health			
f1_305_19	19. Gardien/Vigile		19 . Guard / guard			
f1_305_20	20. Puéricultrice		20 . nursery			
f1_305_21	21. Attaché de Santé Chirurgie		21 . Attached healthcare surgery			
f1_305_22	22. Attaché de Santé Pédiatrie		22 . Attached pediatric health			
f1_305_23	23. Attaché de Santé Option Odontostomatologie		23 . Attached Health Dentistry option			
f1_305_24	24. Attaché de Santé ORL		24 . Attached ENT Health			
f1_305_25	25. Technicien de Maintenance		25 . Maintenance Technician			
f1_305_26	26. Attaché de Santé en Epidemiologie		26 . Attached health epidemiology			
f1_305_27	27. Panseur		27 . Panseur			
f1_305_28	28. Adjoint au Chef de Centre		28 . Deputy Head of Centre			
f1_305_29	29. Secretaire		29 . secretary			
f1_305_30	30. Chauffeur		30 . driver			
f1_305_31	31. Mécanicien		31. mechanic			
f1_305_32	32. Planton/agent de liaison		32 . Messenger / liaison			
f1_305_33	33. Gestionnaire		33 . administrator			
f1_305_34	34. Travailleur social		34 . social worker			
f1_305_35	35. Agent d'entretien		35 . Caretaker			
f1_305_36	36. Morguier		36 . Morguier			
f1_305_37	37. Autre		37 . other			
f1_305_38	38. Précisez		38 . precisez			
	Au cours des 12 derniers mois,		Over the past 12 months, how many			
f1_306	combien de [NATURE		[NATURE FUNCTION / GRADE] did they			
	FONCTION/GRADE] ont-ils					
f1_305_1	1. Chef de la formation sanitaire		1 . Head of clinic			

Variable name	Wording of question in French	Response options in French		Response option in English	Skip	Remarks
f1_305_2	2. Médecin		2 . doctor			
f1_305_3	3. Pharmacien		3 . pharmacist			
f1_305_4	4. Chirurgien dentiste		4 . dental surgeon			
f1_305_5	5. Attaché de santé		5 . Attached Health			
f1_305_6	6. Infirmier Diplômé d'Etat (IDE)		6 . Nursing graduate of State (IDE)			
f1_305_7	7. Infirmier Bréveté (IB)		7 . Patented nurse			
f1_305_8	8. Sage Femme d'Etat/Maieuticienne d'Etat		8 . Midwife State / Maieuticienne State			
f1_305_9	9. Technologiste Biomédical (TBM)		9 . Biomedical Technologist (TBM)			
f1_305_10	10. Manipulateur d'Etat en Electro Radiologie		10 . Manipulator State Electro Radiology (MEER)			
f1_305_11	11. Préparateur d'Etat en Pharmacie (PEP)		11 . Preparer State Pharmacy (PEP)			
f1_305_12	12. Technicien d'Hygiène		12 . Hygiene Technician			
f1_305_13	13. Accoucheuse Brevetée (AB)		13 . Patented midwife (AB)			
f1_305_14	14. Agent Itinerant de Santé (AIS)		14 . Agent Intinerant Health (AIS)			
f1_305_15	15. Garçon/Fille de Salle (G/F Salle)		15 . Boy / Girl Room (G / F Room)			
f1_305_16	16. Accoucheuse Auxiliaire (AA)		16 . Auxilliare attendant (AA)			
f1_305_17	17. Attaché de Santé Anesthesie		17 . Attached anesthesia health			
f1_305_18	18. Attaché de Santé Gyneco-Obstetrique		18 . Attached obstetrics and gynecology health			
f1_305_19	19. Gardien/Vigile		19 . Guard / guard			
f1_305_20	20. Puéricultrice		20 . nursery			
f1_305_21	21. Attaché de Santé Chirurgie		21 . Attached healthcare surgery			
f1_305_22	22. Attaché de Santé Pédiatrie		22 . Attached pediatric health			
f1_305_23	23. Attaché de Santé Option Odontostomatologie		23 . Attached Health Dentistry option			
f1_305_24	24. Attaché de Santé ORL		24 . Attached ENT Health			
f1_305_25	25. Technicien de Maintenance		25 . Maintenance Technician			
f1_305_26	26. Attaché de Santé en Epidemiologie		26 . Attached health epidemiology			
f1_305_27	27. Panseur		27 . Panseur			
f1_305_28	28. Adjoint au Chef de Centre		28 . Deputy Head of Centre			
f1_305_29	29. Secrétaire		29 . secretary			

Variable name	Wording of question in French	Response options in French		Response option in English	Skip	Remarks
f1_305_30	30. Chauffeur		30 . driver			
f1_305_31	31. Mécanicien		31. mechanic			
f1_305_32	32. Planton/agent de liaison		32 . Messenger / liaison			
f1_305_33	33. Gestionnaire		33 . administrator			
f1_305_34	34. Travailleur social		34 . social worker			
f1_305_35	35. Agent d'entretien		35 . Caretaker			
f1_305_36	36. Morguier		36 . Morguier			
f1_305_37	37. Autre		37 . other			
f1_305_38	38. Précisez		38 . précisez			
(f1_3_B)	Agent de santé communautaire		Community Health Workers			
f1_307	Combien de villages/quartiers sont couverts par cette formation sanitaire?		How many villages are covered by this health facility?			
f1_308	L'aire sanitaire de cette formation sanitaire dispose-t-elle d'agents de santé communautaires actifs (ASC)?	OUI=1, NON=2	Does the health area of this health facility have active Community Health Workers (CHWs)?	YES=1, NO=2		
					If f1_308 = 2 ► 4.01	
f1_309	Combien d'agents de santé communautaires sont actuellement	FEMME HOMME	How many Community Health Workers are currently active in this	FEMALE WOMEN		
f1_310	Au cours des 3 derniers mois, un agent de santé de la formation sanitaire a-t-il effectué l'une des activités suivantes?	Oui = 1, Non = 2	In the last 3 months, did the Community Health Supervisor(s) do any of the following activities?	Yes = 1, No = 2	LIRE TOUTES LES OPTIONS À HAUTE VOIX. /READ ALL OPTIONS ALOUD.	
f1_310_a	a. Participer aux réunions des agents de santé communautaire	Oui = 1, Non = 2	a. Participate in Community Health Workers meetings	Yes = 1, No = 2		
f1_310_b	b. Superviser les activités des agents de santé communautaires (inspection lors des consultations)	Oui = 1, Non = 2	b. Supervise Community Health Workers activities (observe Community Health Workers consultation)	Yes = 1, No = 2		
f1_310_c	c. Renouveler les trousse de travail des agents de santé communautaire	Oui = 1, Non = 2	c. Replace Community Health Workers kits	Yes = 1, No = 2		
f1_310_d	d. Assurer la formation des agents de santé communautaire	Oui = 1, Non = 2	d. Provide Community Health Workers training	Yes = 1, No = 2		
f1_310_e	e. Appui à la formation des agents de santé communautaire	Oui = 1, Non = 2	e. Support Community Health Workers training	Yes = 1, No = 2		
f1_310_f	f. Recueillir et compiler les rapports mensuels d'activités	Oui = 1, Non = 2	f. Collect and compile Monthly Activity Reports	Yes = 1, No = 2		
f1_310_g	g. Promouvoir des programmes de santé spécifiques	Oui = 1, Non = 2	g. Promote specific health programs	Yes = 1, No = 2		
f1_310_h	h. Organiser le (s) campagne (s) de vaccination	Oui = 1, Non = 2	h. Organize vaccination campaign(s)	Yes = 1, No = 2		
f1_310_i	i .Autre	Oui = 1, Non = 2	i Other,	Yes = 1, No = 2		

Questionnaire F1

Variable name	Wording of question in French	Response options in French		Response option in English	Skip	Remarks
f1_310_spec	spécifiez		specify:			

VARIABLE	WORDING OF QUESTION IN ENGLISH	RESPONSE IN FRENCH	WORDING OF QUESTION IN ENGLISH	RESPONSE IN ENGLISH	SKIP	REMARKS
	Pour chaque employé, poser toutes les questions de cette section, puis		ASK ALL THE QUESTIONS OF THIS SECTION, THEN MOVE TO NEXT STAFF. IF			
4	Liste du personnel		Staff Roster			
	OBJET: TOUS LES MEMBRES DU PERSONNEL, temporaires ou permanents, clinique ou non, en commençant par le chef de la formation sanitaire		SUBJECT: ALL STAFF MEMBERS, WHETHER TEMPORARY OR PERMANENT, CLINICAL OR NON-CLINICAL, STARTING WITH THE HEAD OF THE FACILITY			
	PERSONNE INTERROGÉE: Responsable de la formation sanitaire ou le membre du personnel le mieux informé		RESPONDENT: HEAD OF FACILITY OR BEST INFORMED STAFF MEMBER			
f1_400	Code d'identification de l'agent de santé					
	ECRIRE LE NOM ET LE PRENOM DE		LIST FULL NAMES OF ALL STAFF			
f1_401	TOUS LES MEMBRES DU PERSONNEL EN SERVICE DANS LA FORMATION		WORKING IN THE FACILITY.			NOM
f1_402	[nom] est un homme ou une femme?	HOMME=1, FEMME=2	IS [NAME] MALE OR FEMALE?	MALE=1, FEMALE=2		COMPLET/COMPLETE NAME
f1_403	Quel âge a [NOM]?		How old is [NAME]?			
f1_404	Quelle est la plus haute qualification académique que [NOM] a obtenu?	Aucune = 1, Certificat d'études = 2, BEPC = 3, Baccalauréat = 4, Licence = 5, Maîtrise /DEA = 6, Doctorat en médecine = 7, Diplôme de spécialisation = 7, Autre = 97	What is the highest academic qualification that [NAME] obtained?	No Education = 1, Primary school = 2, BEPC = 3, First degree = 4, Licence = 5, Master/DEA = 06, Medical doctor = 7, Degree of specialization = 8, other = 97		
f1_405	Quel poste occupe [NOM] au sein de cette formation sanitaire?	Chef de la formation sanitaire = 1, Médecin = 2, Pharmacien = 3, Chirurgien dentiste = 4, Attaché de Santé en ophtalmologie = 5, Infirmier Diplômé d'Etat = 6, Infirmier Braveté = 7, Sage Femme d'Etat/Maieuticien d'Etat = 8, Technologiste Biomédical = 9, Manipulateur d'Etat en Electro Radiologie = 10,, autre = 97	What is [NAME] qualification in this facility?	Head of clinic = 1, medical doctor = 2,, other = 97.		if f1_405 = 30 to 39 ► 4.07
f1_406	En quelle année [NOM] a-t-il/elle reçu son diplôme professionnel (le cas échéant) correspondant au poste occupé ?	ANNÉE	Year in which [name] recieved diploma corresponding to current seat ?	YEAR		
f1_407	[NOM] a été affecté(e) dans cette formation sanitaire en quelle année?	ANNÉE	Year [name] was Employment into the health facility?	INTERVIEWER: RECORD YEAR IN YYYY FORMAT, E.G. 1985		
f1_408	Quelle est l'échelle salariale de [NOM] selon le contrat ou l'entente avec l'employeur?	0 - 50 000 = 1,, 300 001 ou plus = 7	Salary of [name] according to the job contract or agreement with employer?	0 - 50 000 = 1,, 300 001 or more = 7		
f1_409	Combien de jours par semaine est-ce que [NOM] travaille en général dans cette formation sanitaire?		How many days per week does [NAME] usually work at this health facility?			Max = 7 jours /days

Questionnaire F1

VARIABLE	WORDING OF QUESTION IN ENGLISH	RESPONSE IN FRENCH	WORDING OF QUESTION IN ENGLISH	RESPONSE IN ENGLISH	SKIP	REMARKS
f1_410	Combien d'heures par semaine est ce que [NOM] travaille en général dans cette formation sanitaire?		How many hours per week does [NAME] usually spend working at this health facility?			Max 168 heures / hours
f1_411	Combien d'heures par semaine [NOM] passe-t-il/elle généralement à fournir des soins directement aux patients?		How many hours per week does [NAME] usually spend providing medical care directly to patients at this health facility? directement aux patients?			Max = 168 heures / hours
f1_412	[nom] travaille-t-il/elle aussi dans un cabinet de santé privé ou à domicile ?	Oui = 1, Non = 2.	[name] Does she also work in a private health facility?	Yes = 1, No = 2		
f1_143	[nom] est-t-il/elle présente aujourd'hui?	Oui = 1, Non = 2.	Is [name] present today?	Yes = 1, No = 2	1 ► 4.15	
f1_414	Pouvez vous me dire pourquoi [NOM] n'est pas ici aujourd'hui?	Congés annuels = 1, congés maladie = 2, En formation = 3, En congé de maternité = 4, Autres absence autorisées = 5, Décédé = 6, Ne sait pas = 8	Why is [name] not here today?	Vacations = 1, sick leave = 2, .....Do not know = 8		
f1_415	Quels sont les services fournis par [nom] aujourd'hui?	soins prénataux = 1,.....Autre non curatif = 13	What are the services provided by [name] today?	prenatal care =1, .....other non curatif = 13		ENQUÊTEUR : NOTEZ 3 PRINCIPAUX SOINS ADMINISTRES PAR L'AGENT DE SANTE CE JOUR, NOTEZ 99 SI PAS DE REPONSE / NOTE 3 MAJOR AID ADMINISTERED BY THE AGENT OF THE DAY HEALTH RECORD 99 IF NO ANSWER

VARIABLE	WORDING OF QUESTION IN FRENCH	RESPONSE IN FRENCH	WORDING OF QUESTION IN ENGLISH	RESPONSE IN ENGLISH	SKIP	REMARKS
5	Laboratoire		Laboratory			
PERSONNE INTERROGÉE: TECHNICIEN DE LABORATOIRE OU MEMBRE DU PERSONNEL LE						
CODE D'IDENTIFICATION DE LA PERSONNE INTERROGÉE À PARTIR DE LA LISTE DU						
f1_501	La formation sanitaire fournit-elle des services de laboratoire?	Oui = 1, No = 2	Does the facility provide laboratory services?	YES=1, No=2		
(A)	Tests de laboratoire		Lab Tests			
f1_502	Pour les examens suivants, veuillez nous dire si vous êtes en mesure de les effectuer aujourd'hui, si vous étiez capable de les faire il y a 3 mois mais pas aujourd'hui, ou tout simplement si vous ne pouvez pas le faire (que ce soit aujourd'hui ou il y a 3 mois).		For the following tests, please tell me if you are able to perform them today, if you were able to perform them 3 months ago but not today, or if you simply cannot do this test (today or 3 months ago).			ENQUÊTEUR : INSCRIRE UNE RÉPONSE PAR EXAMEN./ RECORD ONE RESPONSE FOR EACH TEST.
f1_502_a.	Créatininémie	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	a. creatinine	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_b.	Culture d'urines	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	b. Urine Culture	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_c	Dépistage de la syphilis (testVDRL/TPHA)	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	c. Syphilis (testVDRL / TPHA)	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_d.	ECBU, PCV	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	d. does the facility provide laboratory services?	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_e.	Electrophorèse	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	e. Electrophoresis	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		

VARIABLE	WORDING OF QUESTION IN FRENCH	RESPONSE IN FRENCH	WORDING OF QUESTION IN ENGLISH	RESPONSE IN ENGLISH	SKIP	REMARKS
f1_502_f.	Estimation de l'hémoglobine	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	f. Estimation of hemoglobin	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_g.	Frottis de dépistage de la tuberculose	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	g. Smear screening for tuberculosis	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_h.	Frottis paludisme (frottis sanguin et goutte épaisse)	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	h. Malaria smears (thick and thin blood smears)	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_i.	Groupe sanguin/Rhesus	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	i. Blood Group / Rhesus	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_j.	Hémoculture	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	j. Blood culture	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_k.	Numération formule sanguine	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	k. Blood Count	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_l.	Recherche des parasites intestinaux dans les selles (KOP)	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	l. Search for intestinal parasites in stool (KOP)	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_m	TDR	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	m. TDR	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		

VARIABLE	WORDING OF QUESTION IN FRENCH	RESPONSE IN FRENCH	WORDING OF QUESTION IN ENGLISH	RESPONSE IN ENGLISH	SKIP	REMARKS
f1_502_n.	Test de coagulation	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	n. Coagulation test	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_o.	Test de dépistage de l'hépatite B/C	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	o. Tested for hepatitis B / C	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_p	Test de dépistage du VIH	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	p. Test for HIV	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_q	Test de glycémie	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	q. Test for sugar	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_r	Test rapide des urines sur bandelettes	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	r. Rapid test urine dipstick	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_s	Tests de fonction hépatique (ASAT, ALAT)	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	s. Liver function tests (AST, ALT)	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_t	Tests de grossesse	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	t. Pregnancy Tests	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_502_u	Widal et Félix (fièvre typhoïde)	Capable de faire ce test aujourd'hui = 1, Capable de le faire durant les 3 derniers mois mais pas aujourd'hui = 2, Incapable de faire cet examen que ce soit aujourd'hui ou durant les 3 derniers mois = 3	u. Felix and Widal (typhoid fever)	Able to do this test today = 1, Able to do this test during the past 3 months but not today = 2, Cannot do this test today or in past 3 months = 3		
f1_503	Combien d'exams de [...] ont été réalisés au cours des 3 derniers mois?	ENQUÊTEUR : SI AUCUN, INSCRIRE "0". INSCRIRE UNE RÉPONSE PAR EXAMEN.	How many of the [...] tests were conducted in the last 3 months?	INTERVIEWER: IF NONE, RECORD "0". RECORD ONE RESPONSE FOR		

VARIABLE	WORDING OF QUESTION IN FRENCH	RESPONSE IN FRENCH	WORDING OF QUESTION IN ENGLISH	RESPONSE IN ENGLISH	SKIP	REMARKS
f1_503_a.	Créatininémie		a. creatinine			
f1_503_b.	Culture d'urines		b. Urine Culture			
f1_503_c	Dépistage de la syphilis (testVDRL/TPHA)		c. Syphilis (testVDRL / TPHA)			
f1_503_d.	ECBU, PCV		d. does the facility provide laboratory services?			
f1_503_e.	Electrophorèse		e. Electrophoresis			
f1_503_f.	Estimation de l'hémoglobine		f. Estimation of hemoglobin			
f1_503_g.	Frottis de dépistage de la tuberculose		g. Smear screening for tuberculosis			
f1_503_h.	Frottis paludisme (frottis sanguin et goutte épaisse)		h. Malaria smears (thick and thin blood smears)			
f1_503_i.	Groupe sanguin/Rhesus		i. Blood Group / Rhesus			
f1_503_j.	Hémoculture		j. Blood culture			
f1_503_k.	Numération formule sanguine		k. Blood Count			
f1_503_l.	Recherche des parasites intestinaux dans les selles (KOP)		l. Search for intestinal parasites in stool (KOP)			
f1_503_m	TDR		m. TDR			
f1_503_n.	Test de coagulation		n. Coagulation test			
f1_503_o.	Test de dépistage de l'hépatite B/C		o. Tested for hepatitis B / C			
f1_503_p	Test de dépistage du VIH		p. Test for HIV			
f1_503_q	Test de glycémie		q. Test for sugar			
f1_503_r	Test rapide des urines sur bandelettes		r. Rapid test urine dipstick			
f1_503_s	Tests de fonction hépatique (ASAT, ALAT)		s. Liver function tests (AST, ALT)			
f1_503_t	Tests de grossesse		t. Pregnancy Tests			
f1_503_u	Widal et Félix (fièvre thyphoïde)		u. Felix and Widal (typhoid fever)			
f1_504	ENQUÊTEUR : INSCRIRE LA SOURCE DE RENSEIGNEMENTS. INSCRIRE UNE RÉPONSE PAR EXAMEN.		INTERVIEWER: RECORD SOURCE OF THE INFORMATION. RECORD ONE RESPONSE FOR EACH TEST.			
f1_504_a.	Créatininémie	Régistre = 1, pas de registre disponible, rapport oral = 2	a. creatinine	Records =1, No records available, oral report = 2		
f1_504_b.	Culture d'urines	Régistre = 1, pas de registre disponible, rapport oral = 2	b. Urine Culture	Records =1, No records available, oral report = 2		
f1_504_c	Dépistage de la syphilis (testVDRL/TPHA)	Régistre = 1, pas de registre disponible, rapport oral = 2	c. Syphilis (testVDRL / TPHA)	Records =1, No records available, oral report = 2		
f1_504_d.	ECBU, PCV	Régistre = 1, pas de registre disponible, rapport oral = 2	d. does the facility provide laboratory services?	Records =1, No records available, oral report = 2		
f1_504_e.	Electrophorèse	Régistre = 1, pas de registre disponible, rapport oral = 2	e. Electrophoresis	Records =1, No records available, oral report = 2		
f1_504_f.	Estimation de l'hémoglobine	Régistre = 1, pas de registre disponible, rapport oral = 2	f. Estimation of hemoglobin	Records =1, No records available, oral report = 2		
f1_504_g.	Frottis de dépistage de la tuberculose	Régistre = 1, pas de registre disponible, rapport oral = 2	g. Smear screening for tuberculosis	Records =1, No records available, oral report = 2		
f1_504_h.	Frottis paludisme (frottis sanguin et goutte épaisse)	Régistre = 1, pas de registre disponible, rapport oral = 2	h. Malaria smears (thick and thin blood smears)	Records =1, No records available, oral report = 2		
f1_504_i.	Groupe sanguin/Rhesus	Régistre = 1, pas de registre disponible, rapport oral = 2	i. Blood Group / Rhesus	Records =1, No records available, oral report = 2		

VARIABLE	WORDING OF QUESTION IN FRENCH	RESPONSE IN FRENCH	WORDING OF QUESTION IN ENGLISH	RESPONSE IN ENGLISH	SKIP	REMARKS
f1_504_j.	Hémoculture	Régistre = 1, pas de registre disponible, rapport oral = 2	j. Blood culture	Records =1, No records available, oral report = 2		
f1_504_k.	Numération formule sanguine	Régistre = 1, pas de registre disponible, rapport oral = 2	k. Blood Count	Records =1, No records available, oral report = 2		
f1_504_l.	Recherche des parasites intestinaux dans les selles (KOP)	Régistre = 1, pas de registre disponible, rapport oral = 2	l. Search for intestinal parasites in stool (KOP)	Records =1, No records available, oral report = 2		
f1_504_m	TDR	Régistre = 1, pas de registre disponible, rapport oral = 2	m. TDR	Records =1, No records available, oral report = 2		
f1_504_n.	Test de coagulation	Régistre = 1, pas de registre disponible, rapport oral = 2	n. Coagulation test	Records =1, No records available, oral report = 2		
f1_504_o.	Test de dépistage de l'hépatite B/C	Régistre = 1, pas de registre disponible, rapport oral = 2	o. Tested for hepatitis B / C	Records =1, No records available, oral report = 2		
f1_504_p	Test de dépistage du VIH	Régistre = 1, pas de registre disponible, rapport oral = 2	p. Test for HIV	Records =1, No records available, oral report = 2		
f1_504_q	Test de glycémie	Régistre = 1, pas de registre disponible, rapport oral = 2	q. Test for sugar	Records =1, No records available, oral report = 2		
f1_504_r	Test rapide des urines sur bandelettes	Régistre = 1, pas de registre disponible, rapport oral = 2	r. Rapid test urine dipstick	Records =1, No records available, oral report = 2		
f1_504_s	Tests de fonction hépatique (ASAT, ALAT)	Régistre = 1, pas de registre disponible, rapport oral = 2	s. Liver function tests (AST, ALT)	Records =1, No records available, oral report = 2		
f1_504_t	Tests de grossesse	Régistre = 1, pas de registre disponible, rapport oral = 2	t. Pregnancy Tests	Records =1, No records available, oral report = 2		
f1_504_u	Widal et Félix (fièvre thyphoïde)	Régistre = 1, pas de registre disponible, rapport oral = 2	u. Felix and Widal (typhoid fever)	Records =1, No records available, oral report = 2		
f1_505	À quelle heure de la journée commencez-vous à réceptionner les échantillons pour examen ?		What time of day do you start to receive samples for review?			ENQUÊTEUR : INSCRIRE PARTOUT SELON LE FORMAT SUIVANT. EX SI
f1_506_jo	Jours ouvrables		working days			
f1_506_sa	Samedi		Saturday			
f1_506_di	Dimanche		Sunday			
f1_506_jf	Jours fériés		public holidays			
f1_506	À quelle heure de la journée arrêtez-vous de réceptionner les échantillons pour examen ?		At what time of the week day do you stop receive samples for review?			
f1_506_jo	Jours ouvrables		working days			
f1_506_sa	Samedi		Saturday			
f1_506_di	Dimanche		Sunday			
f1_506_jf	Jours fériés		public holidays			
f1_507	À quelle heure de la journée commencez-vous les rendus des examens de laboratoire ?		What time of day do you start rendering laboratory tests?			
f1_507_jo	Jours ouvrables		working days			
f1_507_sa	Samedi		Saturday			
f1_507_di	Dimanche		Sunday			
f1_507_jf	Jours fériés		public holidays			
f1_508	À quelle heure de la journée arrêtez-vous les examens de laboratoire		At what time of day you stop the laboratory?			
f1_508_jo	Jours ouvrables		working days			
f1_508_sa	Samedi		Saturday			

Questionnaire F1

VARIABLE	WORDING OF QUESTION IN FRENCH	RESPONSE IN FRENCH	WORDING OF QUESTION IN ENGLISH	RESPONSE IN ENGLISH	SKIP	REMARKS
f1_508_di	Dimanche		Sunday			
f1_508_jf	Jours fériés		public holidays			
(B)	Équipement de laboratoire		Lab Equipment			RECORD RESPONSE
f1_509	Où est situé l'équipement de laboratoire?	Dans un laboratoire distinct =1, Dans une salle également utilisée pour d'autres activités = 2	Where is the lab equipment located?	Separate laboratory = 1, Room that is also used for other activities = 2		
f1_510	ENQUÊTEUR : Inscrire le nombre de chaque équipement FONCTIONNEL.		INTERVIEWER: Enter the number of each FUNCTIONAL equipment.			
	INSCRIRE UNE RÉPONSE PAR		RECORD ONE RESPONSE BY			
f1_510_a	a. Microscope		a. Microscope			
f1_510_b	b. Centrifugeuse		b. centrifuge			
f1_510_c	c. Hémoglobinomètre (tout appareil pour mesures Hemoglobine)		c. Hemoglobinometer (any device for measuring Hemoglobin)			
f1_510_d	d. Réfrigérateur pour le stockage des réactifs		d. Refrigerator for storing reagents			
f1_510_e	e. Incubateur de sang		f. f. CD4 count (CD4 count for any device)			
f1_510_f	f. Compteur de CD4 (tout appareil pour comptage CD4)		g. Incubator for stool / urine			
f1_510_g	g. Incubateur pour selles/urines		Others, Specify			
f1_510_h	h. Autre, spécifier					
f1_511	Existe-t-il un registre de laboratoire pour les cas de tuberculose?	OUI, VU=1, OUI, PAS VU= 2, NON=3	Is there a laboratory register for TB?	YES, SEEN=1, YES, NOT SEEN=2, No=3		ENQUETEUR: SI OUI, DEMANDEZ A LE VOIR / IF YES, ASK TO SEE
f1_512	Combien de techniciens de laboratoire sont formés en microscopie de bacilles acido-résistants (recherche de BAAR)?		How laboratory technicians are trained in microscopy acid-fast bacilli (AFB)?			ENQUÊTEUR : VÉRIFIEZ QUE LE NOMBRE NE DEPASSE LE NOMBRE TOTAL DE TECHNICIENS DE LABORATOIRE / INTERVIEWER: CHECK THE NUMBER DOES NOT EXCEED THE TOTAL NUMBER OF LABORATORY TECHNICIANS

Variable Name	Wording of Question in French	Response in French	Wording of Question in English	Response option in English	Skip	Remarks	
6	Services		Services				
PERSONNE INTERROGÉE: RESPONSABLE DE LA FORMATION SANITAIRE OU LE MEMBRE DU							
(A)	Services de vaccination		Vaccination Services				
f1_601	Cette formation sanitaire offre-t-elle des services de vaccination?	Oui = 1, Non = 2	Does this facility provide immunization services?	Yes =1, No = 2	2 ►6,15		
f1_602	Pendant combien d'heures la formation sanitaire offre-t-elle des services de vaccination les jours suivants ?		How many hours the clinic she offers immunization services in the following days?			ENQUÊTEUR : POUR CHACUN DES JOURS, INSCRIRE LE NOMBRE D'HEURES PENDANT LESQUELLES CE SERVICE EST OFFERT. SI CE SERVICE N'EST	
f1_602_a	a. Lundi		a. Monday				
f1_602_b	b. Mardi		b. Tuesday				
f1_602_c	c. Mercredi		c. Wednesday				
f1_602_d	d. Jeudi		d. Thursday				
f1_602_e	e. Vendredi		e. Friday				
f1_602_f	f. Samedi		f. Saturday				
f1_602_g	g. Dimanche		g. Sunday				
f1_603	Existe-t-il une pièce séparée ou une zone pour les vaccinations?	Oui = 1, Non = 2	Is there a separate room or area for vaccinations?	Yes = 1, No = 2			
f1_604	Les vaccinations sont-elles régulièrement donnés aux enfants au sein de la formation sanitaire ou pendant les activités de sensibilisation?	Exclusivement au sein de la formation sanitaire =1	Vaccinations are they regularly given to children in the clinic or during outreach?	Exclusively within the health facility = 1			
		Seulement lors des activités de sensibilisation hors de la formation sanitaire =2		Only when awareness activities outside of the facility = 2			
		Au sein de la formation sanitaire et lors des activités de sensibilisation=3		In the clinic and in outreach = 3			
f1_605	Y a-t-il un plan de sensibilisation à la vaccination pour l'année en cours?	Oui = 1, No = 2	Is there a vaccination outreach work plan for the current year?	Yes = 1, No = 2			
f1_606	Au cours des 30 derniers jours, pendant combien de jours le personnel de la formation sanitaire a-t-il mené des activités de sensibilisation/vaccination dans la communauté?		In the last 30 days, on how many days did the facility staff do vaccination outreach in the community?				
f1_607	Combien de méthodes de stockage parmi les suivantes la formation sanitaire dispose t-elle pour stocker les vaccins?		How many of the following storage methods does this site have for storing vaccines?				
f1_607_a	a. Glacière		a. cooler				
f1_607_b	b. Frigo (pour vaccins)		b. Fridge (for vaccines)				
f1_607_c	c. Porte-vaccins		c. Vaccine carrier				
f1_607_d	d. Congelateur		d. freezer			ENQUÊTEUR : SI OUI, DEMANDEZ A VOIR LA FEUILLE DE TEMPERATURE / INTERVIEWER:	
f1_607_e	e. Autre		e. Others				
f1_608	Est-ce que les variations de température sont enregistrées?	Oui, vu = 1, Oui, pas vu = 2, Non = 3	Is a temperature log kept ?	Yes, seen = 1, Yes, not seen = 2, No = 3			
f1_609	Pendant les 7 derniers jours, pendant combien de jours la température a-t-elle été consignée?		In the past 7 days, on how many days was the temperature logged?				

Variable Name	Wording of Question in French	Response in French	Wording of Question in English	Response option in English	Skip	Remarks
f1_610	Au cours des <u>7 derniers jours</u> , combien <u>de fois au total</u> est ce que la température a été consignée ?		In the <u>past 7 days</u> , how many <u>times</u> was the temperature logged in total?			IF YES, ASK TO SEE IT (TEMPERATURE)
f1_611	Pendant <u>les 7 derniers jours</u> , combien <u>de fois</u> avez-vous consigné des températures au delà de 8°C ou en dessous de 2°C?		In the <u>past 7 days</u> , how many <u>days</u> had a measurement of over 8°C or under 2°C?			
f1_612	Est ce que chaque enfant qui commence son calendrier de vaccination reçoit une carte de	Oui = 1, Non = 2	Are immunization cards issued to every child starting his/her immunization schedule?	Yes = 1, No = 2	If f1_612 = 2 ► 6.15	
f1_613	Où sont gardées les cartes de vaccination après le début du calendrier de vaccination?	Remis au parent ou son substitut pour qu'il/elle l'apporte à la prochaine visite =1	After a child starts its immunization schedule, where are the immunization cards kept?	Given to caregiver to bring for next visit = 1	1 ► 6.15	
		Gardé à la formation sanitaire =2		Kept at facility = 2		
		Une exemplaire est remis au parent et l'autre gardé à l'hôpital =3		One copy given to caregiver and one kept at facility = 3		
f1_614	Pouvez-vous me montrer des cartes qui appartiennent à des patients	Vu = 1, Pas vu = 2	Could you show me some cards that belong to specific patients?	Seen = 1, Not seen = 2.		
(B)	Services de soins prénatals (Consultations prénatales-CPN)		Antenatal Care Services			
f1_615	Cette formation sanitaire fournit-elle des services de soins prénatals?	OUI=1, NON=2	This facility it provides antenatal care?	YES=1, NO=2	2 ► 6,24	
f1_616	Pendant combien d'heures la formation sanitaire offre-t-elle des services de soins prénatals les jours		How many hours the clinic she offers antenatal care on the following days?			ENQUÊTEUR : POUR CHACUN DES JOURS, INSCRIRE LE NOMBRE D'HEURES PENDANT LESQUELLES CE
f1_616_a	a. Lundi		a. MONDAY			
f1_616_b	b. Mardi		b. TUESDAY			
f1_616_c	c. Mercredi		c. WEDNESDAY			
f1_616_d	d. Jeudi		d. THURSDAY			
f1_616_e	e. Vendredi		e. FRIDAY			
f1_616_f	f. Samedi		f. SATURDAY			
f1_616_g	g. Dimanche		g. SUNDAY			
f1_617	Au cours des <u>30 derniers jours</u> , pendant combien de jours la formation sanitaire a t-elle offert les soins prénataux ?	Maximum de 30 jours	Over the past 30 days, on how many days has the clinic offered prenatal care?	Maximum of 30 days		
f1_618	Pendant <u>les 6 derniers mois</u> , combien de réunions est ce que la formation sanitaire a tenu avec les accoucheuses villageoises (AV) ?		During the past 6 months, how many meetings has the facility held with village midwives (AV)?			
f1_619	Pendant <u>les 6 derniers mois</u> , pendant combien de jours est ce que la formation sanitaire a mené des actions de sensibilisation communautaire sur les soins prénataux?		During the past 6 months, how many days is that the facility has conducted community awareness about prenatal care?			
f1_620	Pendant les 6 derniers mois, avez-vous prescrit du fer et de l'acide folique de façon systématique pendant les CPN ?	REGISTRES CONSULTES : Tout le temps =1 REGISTRES CONSULTES: PARFOIS =2	During the last 6 months, have you prescribed iron and folic acid in a systematic way during the EIC?	RECORDS SEEN: All the time=1 RECORDS SEEN: Sometimes=2		

Variable Name	Wording of Question in French	Response in French	Wording of Question in English	Response option in English	Skip	Remarks
	ENQUÊTEUR :VÉRIFIER LES REGISTRES. S'IL N'Y A PAS DE REGISTRES, DEMANDER AU RESPONSABLE. INSCRIRE LES RÉPONSES EN TENANT COMPTE DU FAIT QUE VOUS AVEZ CONSULTÉ LES REGISTRES OU NON.	REGISTRES CONSULTES: Rarement ou jamais =3 REGISTRES PAS CONSULTES, RAPPORT ORAL: Tout le temps =4 REGISTRES PAS CONSULTES, RAPPORT ORAL: Parfois =5 REGISTRES PAS CONSULTES, RAPPORT ORAL: Rarement ou jamais =6	INTERVIEWER: CHECK REGISTERS. IF THERE IS NO RECORD, ASK THE MANAGER. JOIN THE ANSWERS INTO ACCOUNT THE FACT THAT YOU HAVE CONSULTED THE RECORDS OR NOT.	RECORDS SEEN: Seldom or never=3 RECORDS NOT SEEN, ORAL REPORT: All the time=4 RECORDS NOT SEEN, ORAL REPORT: Sometimes=4 RECORDS NOT SEEN, ORAL REPORT: Seldom or never=6		
f1_621	Les femmes qui viennent à la formation sanitaire pour les soins	OUI=1, NON=2	Do women who come to the facility for antenatal care get an antenatal or	YES=1, NO=2	2 ► 6.24	
f1_622	Où est gardée la fiche de santé maternelle une fois qu'elle a été délivrée à la mère?	Remise à la mère afin qu'elle l'apporte à la prochaine visite=1 Gardée au sein de la formation sanitaire=2 Un exemplaire est remis à la mère et l'autre gardé à l'hôpital=3	Where are the maternal health cards kept once issued to a mother?	Given to mother to bring for next visit=1 Kept at facility=2 One copy given to mother and one kept at facility=3	1 ► 6.24	
f1_623	Pouvez-vous me montrer des cartes qui appartiennent à des patientes	VU=1, PAS VU=2	Could you show me some cards that belong to specific patients?	SEEN=1, NOT SEEN=2.		
(C)	Services liés à l'accouchement et au post-partum (après accouchement)		Delivery and Postpartum Services			
f1_624	Les services liés à l'accouchement sont-ils offerts par la formation sanitaire	OUI=1, NON=2	Services related to childbirth are they offered by the facility either in training	YES=1, NO=2	2 ► 6.24	
f1_625	Le personnel de la formation sanitaire offre t-il les services liés à l'accouchement au sein de la	NOTEZ POUR CHAQUE SERVICE OU ILS SONT OFFERTS EN FONCTION DES CODES CI-DESSOUS	Staff at the clinic he provides services related to delivery in a health facility, only in the community or in both?	NOTE FOR EACH SERVICE THEY ARE OFFERED BASED CODE BELOW Exclusively within the clinic 1		
f1_625_a	a. Administrer des antibiotiques par voie orale	Exclusivement au sein de la formation sanitaire 1	a. Antibiotic administered orally	Only in the community 2		
f1_625_b	b. Administrer des médicaments utérotoniques par voir parentérale	Seulement dans la communauté 2	b. Administering uterotonic drugs by parenteral see	In both health and community fomatation 3		
f1_625_c	c. Administrer des anticonvulsants par voie parentérale	A la fois dans la fomatation sanitaire et dans la communauté 3	c. Administration of parenteral anticonvulsants	No applicable 99		
f1_625_d	d. Délivrance artificielle du placenta	Non applicable 99	d. Of placenta			
f1_625_e	e. Faire l'extraction des produits résiduels		e. To the extraction of residual products			
f1_625_f	f. Pratiquer un accouchement par voie basse assisté		f. Perform a vaginal delivery assisted			
f1_625_g	g. Pratiquer une réanimation néonatale		g. Practice neonatal resuscitation			
f1_625_h	h. Pratiquer des transfusions sanguines		h. Practice of blood transfusions			
f1_626	La formation sanitaire dispose-t-elle des capacités pour gérer les césariennes d'urgence?	Peut être géré aujourd'hui=1 Habituellement, mais pas maintenant=2 Doit être transféré=3	At the Clinic has she the capacity to handle emergency cesarean?	Can be managed today=1 Usually, but not now=2 Must be transferred=3		
f1_627	Cette formation sanitaire offre-t-elle des soins post-partum?	OUI=1, NON=2	Does this facility offer post-partum care?	YES=1, NO=2	2 ► 6.33	

Variable Name	Wording of Question in French	Response in French	Wording of Question in English	Response option in English	Skip	Remarks
f1_628	Les services liés aux soins post-partum sont-ils offerts :	Seulement à des heures précises = 1 Heures de consultations externes = 2 A la fois à des heures spécifiques et à des heures de consultations externes = 3	Services related to postpartum care they are offered:	Only at specific times? =1 Hours outpatient? =2 Both specific hours and hours of outpatient? =3		
f1_629	Pendant les 30 derniers jours, pendant combien de jours les femmes ont-elles	Maximum de 30 jours	During the past 30 days, on how many days the women have had the	Maximum of 30 days		
f1_630	Pendant <u>les 6 derniers mois</u> , la formation sanitaire a tenu combien de séances de sensibilisation sur les soins post-partum?		During the past 6 months, the clinic held how awareness sessions on postpartum care?			
f1_631	Pendant <u>les 12 derniers mois</u> , la formation sanitaire a enregistré combien de cas de décès maternels? ENQUÊTEUR : VÉRIFIER LES REGISTRES.		During the past 12 months, the facility has recorded how many maternal deaths? INTERVIEWER: CHECK REGISTERS.			
f1_632	Pendant <u>les 12 derniers mois</u> , la formation sanitaire a enregistré combien de cas de décès maternels _ dans la communauté ? (exclure les cas enregistrés à l'hôpital) ENQUÊTEUR : VÉRIFIER LES REGISTRES.		During the past 12 months, the facility has recorded how many cases of maternal deaths in the community? (excluding cases recorded in the hospital) INTERVIEWER: CHECK REGISTERS.			
			Tuberculosis Services			
f1_633		Seulement des services relatifs au diagnostique=1 Seulement des services liés au traitement=2 A la fois des services de diagnostique et de traitement=3 AUCUN	What tuberculosis services does this health facility provide?	Diagnosis services only=1 Treatment services only=2 Both diagnosis and treatment services=3 None=4	4 ► 6.42	
f1_634	Y a-t-il un service réservé à la tuberculose dans la formation	Oui = 1, Non=2	Is there a Tuberculosis Corner in the health facility? INTERVIEWER:	YES=1, NO=2	2 ► 6.37	
f1_635	Pendant combien d'heures la formation sanitaire offre-t-elle des services liés à la tuberculose pour	SI CE SERVICE N'EST PAS OFFERT, INSCRIRE "00".	How many hours the clinic she provides services related to TB for each of the following days?	IF THIS SERVICE IS NOT AVAILABLE, ENTER "00".		
	ENQUÊTEUR : POUR CHACUN DES JOURS, INSCRIRE LE NOMBRE D'HEURES PENDANT LESQUELLES CE SERVICE EST OFFERT.					
f1_635_a	a. Lundi			a. MONDAY		
f1_635_b	b. Mardi			b. TUESDAY		
f1_635_c	c. Mercredi			c. WEDNESDAY		
f1_635_d	d. Jeudi			d. THURSDAY		
f1_635_e	e. Vendredi			e. FRIDAY		
f1_635_f	f. Samedi			f. SATURDAY		
f1_635_g	g. Dimanche			g. SUNDAY		
			INTERVIEWER: FOR EACH DAY, ENTER THE NUMBER OF HOURS DURING WHICH THIS SERVICE IS AVAILABLE.			

Questionnaire F1

Variable Name	Wording of Question in French	Response in French	Wording of Question in English	Response option in English	Skip	Remarks
f1_636	Qui gère le service tuberculose dans cette formation sanitaire?	Personnel de la formation sanitaire =1 Agent de santé communautaire =2 AUTRE=3	Who manages the TB service in this facility?	Staff of the health facility =1 CHW =2, OTHERS =3		
f1_637	Existe-t-il un registre tuberculose? SI OUI, DEMANDEZ À LE VOIR.	Oui, vu=1 OUI, PAS VU=2, NON=3	Is there a TB registry? IF YES, ASK TO SEE IT.	YES, SEEN =1 YES, NOT SEEN =2, NO=3		
f1_638	Existe-t-il un registre pour des cas présumés de tuberculose? SI OUI, DEMANDEZ À LE VOIR.	Oui, vu=1 OUI, PAS VU=2, NON=3	Is there a registry for suspected tuberculosis? IF YES, ASK TO SEE IT.	YES, SEEN=1, YES, NOT SEEN =2, NO=3		
f1_639	Les patients qui viennent pour le traitement de la tuberculose reçoivent-	OUI=1, NON=2	Patients who come for treatment of tuberculosis receive any card	YES=1, NO=2		
f1_640	Où sont gardées les cartes de traitement de la tuberculose une fois délivré à un patient?	Remise au patient afin qu'elle/il l'apporte à la prochaine visite Gardée au sein de la formation sanitaire Un exemplaire est remis au malade et l'autre gardé à l'hôpital	Where are the tuberculosis treatment cards kept once issued to a patient?	Given to patient to bring for next visit=1 Kept at facility= 2 One copy given to patient and one kept at facility=3	2 ► 6.42 1 ► 6.42	
f1_641	Pouvez-vous me montrer des cartes qui appartiennent à des patients	VU=1, PAS VU=2	Could you show me some cards that belong to specific patients?	SEEN =1, NOT SEEN=2		
(E)	Services liés au paludisme		Malaria Services			
f1_642	Au cours des <u>6 derniers mois</u> , combien de cas <u>présumés</u> de paludisme ont été enregistrés dans la formation sanitaire? ENQUÊTEUR : VÉRIFIER LES REGISTRES.		In the <u>last 6 months</u> , how many <u>presumptive</u> cases of suspected malaria were seen in the facility? INTERVIEWER: CHECK RECORDS.			
f1_643	Au cours des <u>6 derniers mois</u> , combien de cas de Paludisme à Plasmodium Falciparum (PF) ont été confirmés par TDR dans cette formation sanitaire? ENQUÊTEUR : VÉRIFIER LES REGISTRES.		In the <u>last 6 months</u> , how many laboratory confirmed cases of Plasmodium Falciparum (PF) malaria were seen in the facility? INTERVIEWER: CHECK RECORDS.			
f1_644	Au cours des <u>6 derniers mois</u> , combien de cas de Paludisme à Plasmodium Falciparum (PF) ont été confirmés par le laboratoire dans cette formation sanitaire? ENQUÊTEUR : VÉRIFIER LES REGISTRES.		In the <u>last 6 months</u> , how many laboratory confirmed cases of other non-Plasmodium Falciparum strains malaria were seen in the facility? INTERVIEWER: CHECK RECORDS.			
f1_645	Au cours des <u>6 derniers mois</u> , combien de cas de paludisme (tous les types) ont été traités à l'aide d'une association thérapeutique à base d'Artémisine (ACT)? ENQUÊTEUR : VÉRIFIER LES REGISTRES.		Over the past 6 months, how many cases of malaria (all types) were treated with a combination therapy based Artemisinin (ACT)? INTERVIEWER: CHECK REGISTERS.			

Questionnaire F1

Variable Name	Wording of Question in French	Response in French	Wording of Question in English	Response option in English	Skip	Remarks
f1_646	Au cours des 6 derniers mois, combien de doses d'ACT ont été distribuées dans le cadre du traitement gratuit des cas de paludisme simple chez les enfants de moins de 5 ans ?		Over the last 6 months, how many doses of ACT were distributed in the free treatment of uncomplicated malaria in children under 5 years?			
f1_647	Est ce que la formation sanitaire fournit un traitement selon les directives nationales de traitement du	Oui, vu=1,	Does the clinic provides treatment in accordance with national treatment guidelines for malaria? INTERVIEWER:	YES,SEEN =2,		
		OUI, pas vu =2, NON=3		YES, NOT SEEN=2, NO=3		
f1_648	La moustiquaire imprégnée est-elle distribuée gratuitement aux femmes	OUI=1, NON=2	The ITN is it distributed free of charge to pregnant women and / or children	YES=1, NO=2		
f1_649	Combien de moustiquaires avez-vous distribué dans votre aire sanitaire au cours des 6 derniers mois ?		How many nets you delivered to your health area in the last 6 months?			
f1_650	Y a-t-il des moustiquaires imprégnées d'insecticide disponibles dans cette	OUI=1, NON=2	Will it has ITNs available at this facility today? INTERVIEWER: CONFIRMED BY	YES=1, NO=2		

Variable	Wording of question in English	Response in French	Wording of question in English	Response in English	Skip	Remarks
f1_7	Direction Générale de l'Information et des Statistiques Sanitaires		General Health Management Information Systems (HMIS)			
PERSONNE INTERROGÉE: Responsable de la formation sanitaire ou le membre du personnel						
f1_701	Pouvez-vous faire une estimation de la taille de population desservie par votre	OUI=1, NON=2.	Can you estimate the size of the population served by your facility, ie	YES=1, NO=2.	2 ► 7,03	
f1_702	Combien de personnes ? [CATÉGORIE DE POPULATION]		How many people? [POPULATION CATEGORY]			
	a. Population totale		a. Total population			
	b. Femmes enceintes attendues		b. Pregnant women expected			
	c. Population totale des femmes âgées entre 15 et 49 ans, autrement dit les femmes en âge de procréer		c. Total population aged between 15 and 49 women, ie women in childbearing age			
	d. Total population <5 ans		d. Total population < 5 years			
	e. Total population < 1 an		e. Total population < 1 years			
Maintenant, je voudrais voir le registre qui indique le nombre total de patients ayant						
Now I would like to see the register that indicates the total number of patients seen in the						
f1_703	Nombre TOTAL de patients		TOTAL number of patients			
f1_704	Nombre TOTAL de patientes femmes enceintes		TOTAL number of patients pregnant women			
f1_705	Nombre TOTAL de patients âgés de moins de 5 ans		TOTAL number of patients aged less than 5 years			
f1_706	Nombre TOTAL de patients âgés de moins d' 1 an		TOTAL number of patients aged less than 1 year			
f1_707	Nombre de patients âgés de plus de 5 ans		Number of patients older than 5 years			
f1_708	Rapport mensuel d'activités (RMA)	VU, dûment rempli=1, VU, PAS REMPLI=2, PAS VU=3.	Monthly Activity Report (RMA)	SEEN, FULLY COMPLETED=1, SEEN, NOT COMPLETE=2, NOT SEEN=3.		
f1_709	Rapport mensuel d'activités du Programme élargi de vaccination (RMA PEV)	VU, dûment rempli=1, VU, PAS REMPLI=2, PAS VU=3.	Monthly report of activities of the Expanded Programme on Immunization (EPI RMA)	SEEN, FULLY COMPLETED=1, SEEN, NOT COMPLETE=2, NOT SEEN=3.		
f1_710	Rapport sur la surveillance épidémiologique des maladies à déclaration obligatoire	VU, dûment rempli=1, VU, PAS REMPLI=2, PAS VU=3.	Report on epidemiological surveillance of notifiable diseases	SEEN, FULLY COMPLETED=1, SEEN, NOT COMPLETE=2, NOT SEEN=3.		
f1_711	Rapport mensuel sur les IST/VIH/SIDA	VU, dûment rempli=1, VU, PAS REMPLI=2, PAS VU=3.	Monthly Report on STI / HIV / AIDS	SEEN, FULLY COMPLETED=1, SEEN, NOT COMPLETE=2, NOT SEEN=3.		
f1_712	Rapport sur la Prévention de la transmission du VIH de la mère à l'enfant (PTME)	VU, dûment rempli=1, VU, PAS REMPLI=2, PAS VU=3.	Report on the Prevention of transmission of HIV from mother to child transmission (PMTCT)	SEEN, FULLY COMPLETED=1, SEEN, NOT COMPLETE=2, NOT SEEN=3.		
f1_713	Registre de planification familiale	VU, dûment rempli=1, VU, PAS REMPLI=2, PAS VU=3.	Family Planning Register	SEEN, FULLY COMPLETED=1, SEEN, NOT COMPLETE=2, NOT SEEN=3.		

Variable name	Wording of the question in French	Response options in French		Wording of question in English	Response option in English			Skip	Remarks		
8	L'utilisation des services de santé conformément à la DGESS			Health services utilization based on Health Management Information Systems (HMIS)							
f1_801	Cette formation sanitaire fournit - elle [SERVICE] en son sein et/ou pendant les activités de stratégie avancée ? ENQUÊTEUR : INSCRIRE A LA FOIS POUR LA FORMATION SANITAIRE ET POUR LA STRATEGIE AVANCEE.	Oui = 1, No = 2		Does this health facility provide [SERVICE] within the facility and/or as outreach? INTERVIEWER: RECORD FOR BOTH FACILITY AND OUTREACH.	Yes = 1, No = 2				PERSONNE INTERROGÉE: RESPONSABLE DE LA FORMATION SANITAIRE OU MEMBRE DU POSER LES QUESTIONS DE POUR CHACUN DES SERVICES AVANT LE SERVICE SUIVANT.		
		a. Au sein de la Formation		Service	a. Within the Health Facility	b. outreach					
Planning familial / clinique											
f1_801_1	Pilule contraceptive			1. contraceptive pill							
f1_801_2	Injectables/ Depo-Provera			2. Injectables/ Depo-Provera							
f1_801_3	Insertion d'implant/Norplant			3. Implant insertion / Norplant							
f1_801_4	Préservatifs masculins (il s'agit ici pas de l'achat mais de la consultation)			4. Male condoms (this is not buying but the consultation)							
f1_801_5	Préservatifs féminins (il s'agit ici pas de l'achat mais de la consultation)			5. Female condoms (this is not buying but the consultation)							
f1_801_6	Dispositif intra-utérin (DIU)			6. Intrauterine device (IUD)							
f1_801_7	Stérilisation féminine			7. female sterilization							
f1_801_8	Stérilisation masculine (Vasectomie)			8. Male sterilization (vasectomy)							
f1_801_9	Diaphragme			9. diaphragm							
f1_801_10	Pillule du lendemain			10. Morning after pill							
f1_801_11	Mousse/gel			11. Foam / gel							
f1_801_12	Traitement infertilité			12. infertility Treatment							
	Accouchement au sein de la formation sanitaire			Facility Based Delivery							
f1_801_10	Accouchement spontané par voie basse (eutocique)			10. Spontaneous Vaginal Delivery							
f1_801_11	Accouchement par césarienne			11 Ceasarian section							
f1_801_12	Accouchement assisté (dystocique)			12. Assisted (forceps, vacuum)							
f1_801_13	Accouchement à domicile assisté par un personnel qualifié			13. Home delivery with skilled staff							
f1_801_14	Soins post-nataux			14. Postpartum care							
	Vaccinations (il s'agit ici de la consultation et pas du vaccin en tant que consommable)			Immunization (this is consultation and not the vaccine as expendable)							
f1_801_15	Polio 0 -BCG (Bacille de Calmette Guérin)			15. polio 0 Bacille Calmette Guerin (BCG)							
f1_801_16	Polio 1-Penta 1(DTCoq, l'hépatite B, Hib)			16. Polio Dose 1-Pentavalent Dose 1 (DPT, Hepatitis B, Hemophilus influenzae B)							
f1_801_17	Polio 2-Penta 2(DTCoq, l'hépatite B, Hib)			17. Polio Dose 2-Pentavalent Dose 2 (DPT, Hepatitis B, Hemophilus influenzae B)							

Variable name	Wording of the question in French	Response options in French		Wording of question in English	Response option in English			Skip	Remarks	
f1_801_18	Polio 3-Penta 3(DTCoq, l'hépatite B, Hib)			18. Polio Dose 3-Pentavalent Dose 3 (DPT, Hepatitis B, Hemophilus influenzae B)						
f1_801_19	Vitamine A			19. Vitamine A						
f1_801_20	Méningite			20. meningitis						
f1_801_21	Fièvre jaune			21. Yellow Fever						
f1_801_22	Doses contre la rougeole 1 (<1 an)			22. doses against measles 1 (<1 year)						
f1_801_23	VAT (Anatoxine tétanique aux femmes enceintes)			23. TT (Tetanus Toxoid for pregnant women)						
	Soins curatifs et préventifs									
f1_801_24	Soins curatifs par médecin/attaché de santé			24. Curative by doctor / health attaché						
f1_801_25	Soins curatifs par infirmier DE/Sage-femme DE/Assistant de santé			25. Curative care by nurse DE / Midwife DE / Assistant Health						
f1_801_26	Soins curatifs par Agent de santé communautaire			26. Curative care by Community Health Worker						
f1_801_27	Test de diagnostic rapide du paludisme			27. Rapid diagnostic test for malaria						
f1_801_28	Diagnostic en laboratoire du paludisme			28. Laboratory diagnosis of malaria						
f1_801_29	Traitement du paludisme par une polythérapie à base d'artémisinine (ACT)			29. Treatment of malaria with artemisinin-based combination therapies (ACT)						
f1_801_30	Diagnostic en laboratoire de la tuberculose			30. Laboratory diagnosis of tuberculosis						
f1_801_31	Traitement de la tuberculose			31. Treatment of tuberculosis						
f1_801_32	Soins prénataux (CPN)			32. Antenatal care (ANC)						
f1_801_33	Transfusion de sang			33. Blood transfusion						
f1_801_34	Traitement de cas de malnutrition sévère			34. Treatment of severe malnutrition						
	Services liés aux Infections sexuellement transmissibles			Services related to Sexually Transmitted Infections						
f1_801_35	Diagnostic, traitement, test et counselling			35. Diagnosis, treatment, testing and counseling						
	Services VIH / SIDA			HIV / AIDS services						
f1_801_36	Conseil et Dépistage Volontaire (CDV)			36. Voluntary Counseling and Testing (VCT)						
f1_801_37	Prévention de la transmission du VIH / Sida de la mère à l'enfant (PTME)			37. Prevention of HIV/AIDS Mother-To-Child Transmission (PMTCT)						
f1_801_38	Traitement Antirétroviral (ARV)			38. Antiretroviral Treatment (ART) for adult						
f1_801_39	Soins d'urgence 24 heures (en cas de viol)			39. 24-hour emergency care (Give average cost of medical emergency cases in (8,03))						
f1_801_40	Séjour à l'hôpital (hospitalisation)			40. Inpatient stay						
f1_801_41	Evacuation en ambulance vers un autre centre de référence			41. Ambulance ride to another facility for referral						

Variable name	Wording of the question in French	Response options in French		Wording of question in English	Response option in English			Skip	Remarks	
f1_802	Combien de jours par semaine ce service est-il offert?	INSCRIRE 8, SI SANS OBJET, INSCRIRE "9"		How many days per week that service is offered?	IF BY APPOINTMENT ONLY, UP 8, IF NOT APPLICABLE, WRITE "9"					
	ENQUÊTEUR : SI SUR RENDEZ-VOUS SEULEMENT,	JOURS / SEMAINE		INTERVIEWER: IF BY APPOINTMENT ONLY, UP 8, IF NOT APPLICABLE, WRITE "9"	DAYS / WEEK					
f1_802_1	Pilule contraceptive			1. contraceptive pill						
f1_802_2	Injectables/ Depo-Provera			2. Injectables/ Depo-Provera						
f1_802_3	Insertion d'implant/Norplant			3. Implant insertion / Norplant						
f1_802_4	Préservatifs masculins (il s'agit ici pas de l'achat mais de la consultation)			4. Male condoms (this is not buying but the consultation)						
f1_802_5	Préservatifs féminins (il s'agit ici pas de l'achat mais de la consultation)			5. Female condoms (this is not buying but the consultation)						
f1_802_6	Dispositif intra-utérin (DIU)			6. Intrauterine device (IUD)						
f1_802_7	Stérilisation féminine			7. female sterilization						
f1_802_8	Stérilisation masculine (Vasectomie)			8. Male sterilization (vasectomy)						
f1_802_9	Diaphragme			9. diaphragm						
f1_802_10	Pillule du lendemain			10. Morning after pill						
f1_802_11	Mousse/gel			11. Foam / gel						
f1_802_12	Traitement infertilité			12. infertility Treatment						
	Accouchement au sein de la formation sanitaire			Facility Based Delivery						
f1_802_10	Accouchement spontané par voie basse (eutocique)			10. Spontaneous Vaginal Delivery						
f1_802_11	Accouchement par césarienne			11. Ceasarian section						
f1_802_12	Accouchement assisté (dystocique)			12. Assisted (forceps, vacuum)						
f1_802_13	Accouchement à domicile assisté par un personnel qualifié			13. Home delivery with skilled staff						
f1_802_14	Soins post-nataux			14. Postpartum care						
	Vaccinations (il s'agit ici de la consultation et pas du vaccin en tant que consommable)			Immunization (this is consultation and not the vaccine as expendable)						
f1_802_15	Polio 0 -BCG (Bacille de Calmette Guérin)			15. polio 0 Bacille Calmette Guerin (BCG)						
f1_802_16	Polio 1-Penta 1(DTCoq, l'hépatite B, Hib)			16. Polio Dose 1-Pentavalent Dose 1 (DPT, Hepatitis B, Hemophilus influenzae B)						
f1_802_17	Polio 2-Penta 2(DTCoq, l'hépatite B, Hib)			17. Polio Dose 2-Pentavalent Dose 2 (DPT, Hepatitis B, Hemophilus influenzae B)						
f1_802_18	Polio 3-Penta 3(DTCoq, l'hépatite B, Hib)			18. Polio Dose 3-Pentavalent Dose 3 (DPT, Hepatitis B, Hemophilus influenzae B)						
f1_802_19	Vitamine A			19. Vitamine A						
f1_802_20	Méningite			20. meningitis						

Variable name	Wording of the question in French	Response options in French		Wording of question in English	Response option in English			Skip	Remarks	
f1_802_21	Fièvre jaune			21. Yellow Fever						
f1_802_22	Doses contre la rougeole 1 (<1 an)			22. doses against measles 1 (<1 year)						
f1_802_23	VAT (Anatoxine tétanique aux femmes enceintes)			23. TT (Tetanus Toxoid for pregnant women)						
	Soins curatifs et préventifs									
f1_802_24	Soins curatifs par médecin/attaché de santé			24. Curative by doctor / health attaché						
f1_802_25	Soins curatifs par infirmier DE/Sage-femme DE/Assistant de santé			25. Curative care by nurse DE / Midwife DE / Assistant Health						
f1_802_26	Soins curatifs par Agent de santé communautaire			26. Curative care by Community Health Worker						
f1_802_27	Test de diagnostic rapide du paludisme			27. Rapid diagnostic test for malaria						
f1_802_28	Diagnostic en laboratoire du paludisme			28. Laboratory diagnosis of malaria						
f1_802_29	Traitement du paludisme par une polythérapie à base d'artémisinine (ACT)			29. Treatment of malaria with artemisinin-based combination therapies (ACT)						
f1_802_30	Diagnostic en laboratoire de la tuberculose			30. Laboratory diagnosis of tuberculosis						
f1_802_31	Traitement de la tuberculose			31. Treatment of tuberculosis						
f1_802_32	Soins prénataux (CPN)			32. Antenatal care (ANC)						
f1_802_33	Transfusion de sang			33. Blood transfusion						
f1_802_34	Traitement de cas de malnutrition sévère			34. Treatment of severe malnutrition						
	Services liés aux Infections sexuellement transmissibles			Services related to Sexually Transmitted Infections						
f1_802_35	Diagnostic, traitement, test et counselling			35. Diagnosis, treatment, testing and counseling						
	Services VIH / SIDA			HIV / AIDS services						
f1_802_36	Conseil et Dépistage Volontaire (CDV)			36. Voluntary Counseling and Testing (VCT)						
f1_802_37	Prévention de la transmission du VIH / Sida de la mère à l'enfant (PTME)			37. Prevention of HIV/AIDS Mother-To-Child Transmission (PMTCT)						
f1_802_38	Traitement Antirétroviral (ARV)			38. Antiretroviral Treatment (ART) for adult						
f1_802_39	Soins d'urgence 24 heures (en cas de viol)			39. 24-hour emergency care (Give average cost of medical emergency cases in (8,03))						
f1_802_40	Séjour à l'hôpital (hospitalisation)			40. Inpatient stay						
f1_802_41	Evacuation en ambulance vers un autre centre de référence			41. Ambulance ride to another facility for referral						
f1_803	Quel est le montant total en FCFA exigé pour ce type de service? ENQUÊTEUR : SI AUCUN FRAIS,			What is the total amount of FCFA required for this type of service? INTERVIEWER: IF NO COSTS, ENTER	FCFA	c. UNIT				
		FCFA			a. Within the Health Facility	b. outreach				

Variable name	Wording of the question in French	Response options in French		Wording of question in English	Response option in English			Skip	Remarks	
	INSCRIRE «00». SI SANS OBJET, INSCRIRE "999 999"	a. Au sein de la Formation Sanitaire, b. Stratégie avancée	c. UNITÉ	"00". IF NOT APPLICABLE, WRITE "999 999"						
f1_803_1	Pilule contraceptive		par visite initiale	1. contraceptive pill			Per initial visit			
f1_8032	Injectables/ Depo-Provera		par visite	2. Injectables/ Depo-Provera			per visit			
f1_803_3	Insertion d'implant/Norplant		par insertion	3. Implant insertion / Norplant			per insertion			
f1_803_4	Préservatifs masculins (il s'agit ici pas de l'achat mais de la consultation)		par visite	4. Male condoms (this is not buying but the consultation)			per visit			
f1_803_5	Préservatifs féminins (il s'agit ici pas de l'achat mais de la consultation)		par visite	5. Female condoms (this is not buying but the consultation)			per visit			
f1_803_6	Dispositif intra-utérin (DIU)		par insertion	6. Intrauterine device (IUD)			per insertion			
f1_803_7	Stérilisation féminine		par intervention / acte	7. female sterilization			per intervention / act			
f1_803_8	Stérilisation masculine (Vasectomie)		par intervention / acte	8. Male sterilization (vasectomy)			per intervention / act			
f1_803_9	Diaphragme		par unité	9. diaphragm			per unit			
f1_803_10	Pillule du lendemain		par unité	10. Morning after pill			per unit			
f1_803_11	Mousse/gel		par unité	11. Foam / gel			per unit			
f1_803_12	Traitement infertilité		par visite	12. infertility Treatment			per unit			
	Accouchement au sein de la formation sanitaire			Facility Based Delivery						
f1_803_10	Accouchement spontané par voie basse (eutocique)		par accouchement	10. Spontaneous Vaginal Delivery			per delivery			
f1_803_11	Accouchement par césarienne		par accouchement	11. Ceasarian section			per delivery			
f1_803_12	Accouchement assisté (dystocique)		par accouchement	12. Assisted (forceps, vacuum)			per delivery			
f1_803_13	Accouchement à domicile assisté par un personnel qualifié		par accouchement	13. Home delivery with skilled staff			per delivery			
f1_803_14	Soins post-nataux		par visite	14. Postpartum care			per visit			
	Vaccinations (il s'agit ici de la consultation et pas du vaccin en tant que consommable)			Immunization (this is consultation and not the vaccine as expendable)						
f1_803_15	Polio 0 -BCG (Bacille de Calmette Guérin)		par dose	15. polio 0 Bacille Calmette Guérin (BCG)			per dose			
f1_803_16	Polio 1-Penta 1(DTCoq, l'hépatite B, Hib)		par dose	16. Polio Dose 1-Pentavalent Dose 1 (DPT, Hepatitis B, Hemophilus influenzae B)			per dose			
f1_803_17	Polio 2-Penta 2(DTCoq, l'hépatite B, Hib)		par dose	17. Polio Dose 2-Pentavalent Dose 2 (DPT, Hepatitis B, Hemophilus influenzae B)			per dose			
f1_803_18	Polio 3-Penta 3(DTCoq, l'hépatite B, Hib)		par dose	18. Polio Dose 3-Pentavalent Dose 3 (DPT, Hepatitis B, Hemophilus influenzae B)			per dose			

Variable name	Wording of the question in French	Response options in French		Wording of question in English	Response option in English			Skip	Remarks	
f1_803_19	Vitamine A			19. Vitamine A			per dose			
f1_803_20	Méningite		par dose	20. meningitis			per dose			
f1_803_21	Fièvre jaune		par dose	21. Yellow Fever			per dose			
f1_803_22	Doses contre la rougeole 1 (<1 an)		par dose	22. doses against measles 1 (<1 year)			per dose			
f1_803_23	VAT (Anatoxine tétanique aux femmes enceintes)		par dose	23. TT (Tetanus Toxoid for pregnant women)			per dose			
	Soins curatifs et préventifs									
f1_803_24	Soins curatifs par médecin/attaché de santé		par visite	24. Curative by doctor / health attaché			per visit			
f1_803_25	Soins curatifs par infirmier DE/Sage-femme DE/Assistant de santé		par visite	25. Curative care by nurse DE / Midwife DE / Assistant Health			per visit			
f1_803_26	Soins curatifs par Agent de santé communautaire		par visite	26. Curative care by Community Health Worker			per visit			
f1_803_27	Test de diagnostic rapide du paludisme		par test	27. Rapid diagnostic test for malaria			per test			
f1_803_28	Diagnostic en laboratoire du paludisme		par analyse	28. Laboratory diagnosis of malaria			per analysis			
f1_803_29	Traitement du paludisme par une polythérapie à base d'artémisinine (ACT)		par visite	29. Treatment of malaria with artemisinin-based combination therapies (ACT)			per visit			
f1_803_30	Diagnostic en laboratoire de la tuberculose		par nouveau cas	30. Laboratory diagnosis of tuberculosis			per new case			
f1_803_31	Traitement de la tuberculose		par visite	31. Treatment of tuberculosis			per visite			
f1_803_32	Soins prénataux (CPN)		par visite	32. Antenatal care (ANC)			per visit			
f1_803_33	Transfusion de sang		par acte	33. Blood transfusion			per act			
f1_803_34	Traitement de cas de malnutrition sévère		par traitement sous surveillance directe	34. Treatment of severe malnutrition			per directly observed therapy			
	Services liés aux Infections sexuellement transmissibles			Services related to Sexually Transmitted Infections						
f1_803_35	Diagnostic, traitement, test et counselling		par visite	35. Diagnosis, treatment, testing and counselling			per visit			
	Services VIH / SIDA			HIV / AIDS services						
f1_803_36	Conseil et Dépistage Volontaire (CDV)		par visite	36. Voluntary Counseling and Testing (VCT)			per visit			
f1_803_37	Prévention de la transmission du VIH / Sida de la mère à l'enfant (PTME)		par visite	37. Prevention of HIV/AIDS Mother-To-Child Transmission (PMTCT)			per visit			
f1_803_38	Traitement Antirétroviral (ARV)		par visite	38. Antiretroviral Treatment (ART) for adult			per visit			
f1_803_39	Soins d'urgence 24 heures (en cas de viol)		par visite	39. 24-hour emergency care (Give average cost of medical emergency cases in (8,03))			per visit			
f1_803_40	Séjour à l'hôpital (hospitalisation)		par jour	40. Inpatient stay			per day			
f1_803_41	Evacuation en ambulance vers un autre centre de référence		par transport	41. Ambulance ride to another facility for referral			per transport			

Variable name	Wording of the question in French	Response options in French		Wording of question in English	Response option in English				Skip	Remarks
f1_804	ENQUÊTEUR : POUR CHAQUE SERVICE, INSCRIRE LE NOMBRE TOTAL MENSUEL DE MALADES HOSPITALISÉS ET DE CONSULTATIONS EXTERNES LISTES DANS LE REGISTRE, POUR LES 6 DERNIERS			INTERVIEWER: FOR EACH SERVICE, RECORD THE MONTHLY TOTAL NUMBER OF INPATIENTS (IN) AND OUTPATIENTS (OUT) LISTED IN THE						
		INTERNE	EXTERNE		MONTH 1: farthest	MONTH 2	MONTH 3			
					IN-PATIENT	OUT-PATIENT	IN-PATIENT	OUT-PATIENT	IN-PATIENT	OUT-PATIENT
f1_804_1	Pilule contraceptive			1. contraceptive pill						
f1_804_2	Injectables/ Depo-Provera			2. Injectables/ Depo-Provera						
f1_804_3	Insertion d'implant/Norplant			3. Implant insertion / Norplant						
f1_804_4	Préservatifs masculins (il s'agit ici pas de l'achat mais de la consultation)			4. Male condoms (this is not buying but the consultation)						
f1_804_5	Préservatifs féminins (il s'agit ici pas de l'achat mais de la consultation)			5. Female condoms (this is not buying but the consultation)						
f1_804_6	Dispositif intra-utérin (DIU)			6. Intrauterine device (IUD)						
f1_804_7	Stérilisation féminine			7. female sterilization						
f1_804_8	Stérilisation masculine (Vasectomie)			8. Male sterilization (vasectomy)						
f1_804_9	Diaphragme			9. diaphragm						
f1_804_10	Pillule du lendemain			10. Morning after pill						
f1_804_11	Mousse/gel			11. Foam / gel						
f1_804_12	Traitement infertilité			12. infertility Treatment						
	Accouchement au sein de la formation sanitaire			Facility Based Delivery						
f1_804_10	Accouchement spontané par voie basse (eutocique)			10. Spontaneous Vaginal Delivery						
f1_804_11	Accouchement par césarienne			11. Ceasarian section						
f1_804_12	Accouchement assisté (dystocique)			12. Assisted (forceps, vacuum)						
f1_804_13	Accouchement à domicile assisté par un personnel qualifié			13. Home delivery with skilled staff						
f1_804_14	Soins post-nataux			14. Postpartum care						
	Vaccinations (il s'agit ici de la consultation et pas du vaccin en tant que consommable)			Immunization (this is consultation and not the vaccine as expendable)						
f1_804_15	Polio 0 -BCG (Bacille de Calmette Guérin)			15. polio 0 Bacille Calmette Guerin (BCG)						
f1_804_16	Polio 1-Penta 1(DTCoq, l'hépatite B, Hib)			16. Polio Dose 1-Pentavalent Dose 1 (DPT, Hepatitis B, Hemophilus influenzae B)						
f1_804_17	Polio 2-Penta 2(DTCoq, l'hépatite B, Hib)			17. Polio Dose 2-Pentavalent Dose 2 (DPT, Hepatitis B, Hemophilus influenzae B)						
f1_804_18	Polio 3-Penta 3(DTCoq, l'hépatite B, Hib)			18. Polio Dose 3-Pentavalent Dose 3 (DPT, Hepatitis B, Hemophilus influenzae B)						
f1_804_19	Vitamine A			19. Vitamine A						
f1_804_20	Méningite			20. meningitis						
f1_804_21	Fièvre jaune			21. Yellow Fever						

Variable name	Wording of the question in French	Response options in French		Wording of question in English	Response option in English			Skip	Remarks	
f1_804_22	Doses contre la rougeole 1 (<1 an)			22. doses against measles 1 (<1 year)						
f1_804_23	VAT (Anatoxine tétanique aux femmes enceintes)			23. TT (Tetanus Toxoid for pregnant women)						
	Soins curatifs et préventifs									
f1_804_24	Soins curatifs par médecin/attaché de santé			24. Curative by doctor / health attaché						
f1_804_25	Soins curatifs par infirmier DE/Sage-femme DE/Assistant de santé			25. Curative care by nurse DE / Midwife DE / Assistant Health						
f1_804_26	Soins curatifs par Agent de santé communautaire			26. Curative care by Community Health Worker						
f1_804_27	Test de diagnostic rapide du paludisme			27. Rapid diagnostic test for malaria						
f1_804_28	Diagnostic en laboratoire du paludisme			28. Laboratory diagnosis of malaria						
f1_804_29	Traitement du paludisme par une polythérapie à base d'artémisinine (ACT)			29. Treatment of malaria with artemisinin-based combination therapies (ACT)						
f1_804_30	Diagnostic en laboratoire de la tuberculose			30. Laboratory diagnosis of tuberculosis						
f1_804_31	Traitement de la tuberculose			31. Treatment of tuberculosis						
f1_804_32	Soins prénataux (CPN)			32. Antenatal care (ANC)						
f1_804_33	Transfusion de sang			33. Blood transfusion						
f1_804_34	Traitement de cas de malnutrition sévère			34. Treatment of severe malnutrition						
	Services liés aux Infections sexuellement transmissibles			Services related to Sexually Transmitted Infections						
f1_804_35	Diagnostic, traitement, test et counselling			35. Diagnosis, treatment, testing and counselling						
	Services VIH / SIDA			HIV / AIDS services						
f1_804_36	Conseil et Dépistage Volontaire (CDV)			36. Voluntary Counseling and Testing (VCT)						
f1_804_37	Prévention de la transmission du VIH / Sida de la mère à l'enfant (PTME)			37. Prevention of HIV/AIDS Mother-To-Child Transmission (PMTCT)						
f1_804_38	Traitement Antirétroviral (ARV)			38. Antiretroviral Treatment (ART) for adult						
f1_804_39	Soins d'urgence 24 heures (en cas de viol)			39. 24-hour emergency care (Give average cost of medical emergency cases in (8,03))						
f1_804_40	Séjour à l'hôpital (hospitalisation)			40. Inpatient stay						
f1_804_41	Evacuation en ambulance vers un autre centre de référence			41. Ambulance ride to another facility for referral						

Variable	Wording of question in English	Response in French	Wording of question in English	Response in English	Skip	Remarks
9	FRAIS DES PRESTATIONS ET DES MEDICAMENTS		COSTS AND BENEFITS OF DRUGS			
PERSONNE INTERROGÉE: RESPONSABLE DE LA FORMATION SANITAIRE OU LE MEMBRE DU			COSTS AND BENEFITS OF DRUGS "			
f1_901		OUI=1, NON=2.	Patients do they pay consulting fees?	YES=1, NO=2.		
			CHECK QUESTION List the main			
f1_902	Les patients paient-ils les frais de laboratoire pour les examens ?	OUI=1, NON=2. SANS OBJET=9	Patients do they pay lab fees for exams?	YES=1, NO=2. NOT APPLICABLE=3.		
f1_903	Les patients paient-ils les frais de radiographie/imagerie médicale ?	OUI=1, NON=2. SANS OBJET=9	Do patients pay fees for x-ray tests?	YES=1, NO=2. NOT APPLICABLE=3.		
f1_904	Les patients paient-ils les frais d'hospitalisation ?	OUI=1, NON=2.	Do Patients pay the hospital fees?	YES=1, NO=2.		
f1_905	Les patients paient-ils les frais pour les consommables (ex : compresses,	OUI=1, NON=2.	Do Patients pay fees for consumables (eg swabs, syringes, etc.)?	YES=1, NO=2.		
f1_906	Les patients paient-ils les frais pour les médicaments?	OUI=1, NON=2.	Les patients paient-ils les frais pour les médicaments?	YES=1, NO=2.	2 ► 9.09	
f1_907	Quelle est la marge bénéficiaire perçue sur les médicaments ? ENQUÊTEUR : ENREGISTRER LE POURCENTAGE SANS LE SIGNE «%», JUSTE COMME UN NOMBRE.		What is the margin charged on drugs? INTERVIEWER: RECORD PERCENTAGE NOT SIGN "%" JUST LIKE A NUMBER.			
f1_908	Ce pourcentage est-il calculé sur la base des prix de gros ou de détail?	Gros=1, Détail=2	This percentage is calculated on the basis of prices for wholesale or retail?	large=1, detail=2		ENQUÊTEUR :
f1_909	INTERVIEWEUR: VERIFIER SI LES PATIENTS PAIENT POUR DES SERVICES	Paient=1, Ne paient pas=2	INTERVIEWER: CHECK IF THE PATIENT PAY FOR SERVICES (9.01), (9.02),	pay=1, Do not pay=2.	2 ► 9.15	LIRE TOUTES LES OPTIONS À HAUTE VOIX.
	Qui a participé au calcul des coûts ?	OUI=1, NON=2.	Who participated in the costing?			POUR CHAQUE OPTION, INSCRIRE "1" SI LA RÉPONSE EST OUI, ET "2" SI C'EST NON. / INTERVIEWER: READ ALL OPTIONS ALOUD. FOR EACH OPTION, WRITE "1" IF THE ANSWER IS YES, AND "2" IF NO.
f1_910_a	a. Chef de la formation sanitaire / personne en charge de la formation sanitaire	OUI=1, NON=2.	a. Health facility manager/ in charge			
f1_910_b	b. Personnel de la formation sanitaire	OUI=1, NON=2.	b. Staff of the health facility			
f1_910_c	c. Personnel d'Organisation Non Gouvernementale	OUI=1, NON=2.	c. Personal Non Governmental Organization			
f1_910_d	d. Ministère de la Santé (Siège)	OUI=1, NON=2.	d. Ministry of Health (Headquarters)			
f1_910_e	e. DRS/ECD	OUI=1, NON=2.	e. DRS/ECD			
f1_910_f	f. Agent(s) de santé communautaire ou leur représentant/leader	OUI=1, NON=2.	f. Agent (s) or community health representative/ leaders			
f1_910_g	g. Membres de la communauté	OUI=1, NON=2.	g. Community members			
f1_910_h	h. Comité de gestion (COGES)	OUI=1, NON=2.	h. Management Committee			
f1_910_i	i. Autre	OUI=1, NON=2.	i. Other. Specify			
f1_910_sp ec	specifiez		specify			
f1_911	Pendant les 3 derniers mois, à quelle fin est-ce que la formation sanitaire a utilisé les revenus des frais imposables aux usagers?		During the past 3 months, how late is that the clinic used the income taxed in user fees?			
f1_911_a	a. Infrastructure de la formation sanitaire	OUI=1, NON=2.	a. Infrastructure of the health facility	YES=1, NO=2.		

Variable	Wording of question in English	Response in French	Wording of question in English	Response in English	Skip	Remarks
f1_911_b	b. Achat d'équipement et de fournitures pour la formation sanitaire	OUI=1, NON=2.	b. Purchase of equipment and supplies for the clinic	YES=1, NO=2.		
f1_911_c	c. Médicaments	OUI=1, NON=2.	c. Pharmaceuticals	YES=1, NO=2.		
f1_911_d	d. Activités du plan d'action de la formation sanitaire	OUI=1, NON=2.	d. Health facility action plan activities	YES=1, NO=2.		
f1_911_e	e. Consultations et médicaments des personnes indigentes	OUI=1, NON=2.	e. Consultations and medicines to indigent persons	YES=1, NO=2.		
f1_911_f	f. Les salaires du personnel	OUI=1, NON=2.	f. Staff salaries	YES=1, NO=2.		
f1_911_g	g. Des primes au rendement du personnel	OUI=1, NON=2.	g. Staff performance bonuses	YES=1, NO=2.		
f1_911_h	h. Autre	OUI=1, NON=2.	h. Other	YES=1, NO=2.		
f1_911_spec	specifiez		specify	YES=1, NO=2.		
f1_912	Les personnes suivantes sont-elles exonérées de certains frais?		The following persons are they exempt from some fees?			
f1_912_a	a. Veuves	OUI=1, NON=2.	a. Widows	YES=1, NO=2.		ENQUÊTEUR : LIRE TOUTES LES OPTIONS À HAUTE VOIX. / INTERVIEWER: READ ALL OPTIONS ALoud. FOR EACH OPTION,
f1_912_b	b. Les enfants de moins de 5 ans	OUI=1, NON=2.	b. Children under 5 years	YES=1, NO=2.		
f1_912_c	c. Personnes âgées (plus de 60 ans)	OUI=1, NON=2.	c. Elderly (over 60 years)	YES=1, NO=2.		
f1_912_d	d. Orphelins	OUI=1, NON=2.	d. Orphans	YES=1, NO=2.		
f1_912_e	e. Les patients tuberculeux	OUI=1, NON=2.	e. Tuberculosis patients	YES=1, NO=2.		
f1_912_f	f. Les malades du VIH/SIDA	OUI=1, NON=2.	f. People living with HIV/AIDS	YES=1, NO=2.		
f1_912_g	g. Les indigents	OUI=1, NON=2.	g. Indigents	YES=1, NO=2.		
f1_912_h	h. Les personnes physiquement handicapées	OUI=1, NON=2.	h. Physically disabled people	YES=1, NO=2.		
f1_912_i	i. Le personnel militaire	OUI=1, NON=2.	i. Military personal	YES=1, NO=2.		
f1_912_j	j. Les femmes enceintes	OUI=1, NON=2.	j. Pregnant women	YES=1, NO=2.		
f1_912_k	k. Réfugiés	OUI=1, NON=2.	k. Refugees	YES=1, NO=2.		
f1_912_l	l. Autre	OUI=1, NON=2.	other	YES=1, NO=2.		
f1_912_spec	specifiez		specify			
f1_913	Qui décide d'exonérer les patients de paiement de certains frais?		Who decides which patients are exempt from paying fees?			
f1_913_a	a. Chef de la formation sanitaire / personne en charge de la formation sanitaire		a. Health facility manager/ in charge			
f1_913_b	b. Personnel de la formation sanitaire		b. Health facility staff			
f1_913_c	c. Personnel d'Organisation Non Gouvernementale		c. Non Governmental Organization staff			
f1_913_d	d. Ministère de la Santé (Siège)		d. Ministry of Health (Headquarters)			
f1_913_e	e. DRS/ECD		e. DRS/ECD			
f1_913_f	f. Communes		f. Towns			
f1_913_g	g. Action sociale		g. social Action			
f1_913_h	h. Agent(s) de santé communautaire ou leur représentant /leader		h. Agent (s) or community health representative / leader			
f1_913_i	i. Membres de la communauté		i. Community members			

Variable	Wording of question in English	Response in French	Wording of question in English	Response in English	Skip	Remarks
f1_913_j	j. Comité de Gestion		j. Management Committee			
f1_913_k	k. Autre, spécifiez:		k. Others, Specify:			
f1_913_spec	specifiez		specify			
f1_914	Les patients exonérés de frais reçoivent-ils une carte spéciale qui leur	OUI=1, NON=2.	Do exempt patients receive a special exemption card that allows them to	YES=1, NO=2.		
f1_915	Cette formation sanitaire participe-t-elle à un régime d'assurance maladie?	OUI=1, NON=2.	Does this facility participate in a health insurance scheme?	YES=1, NO=2.		
					2 ►	
f1_916	Quel type d'assurance maladie?	Publique=1,	What type of health insurance?	PUBLIC=1		
		Privée=2,		PRIVATE=2		
		Les deux=3.		BOTH=3		
f1_917	Quels sont les services couverts par ce régime d'assurance-maladie?		What services are covered by the health insurance plan?			ENQUÊTEUR : LIRE TOUTES LES OPTIONS À HAUTE VOIX. / INTERVIEWER: READ ALL OPTIONS ALoud. FOR EACH OPTION,
f1_917_a	a. Consultation de nourrisson (y compris la vaccination)		a. Consultation Infant (including vaccination)			
f1_917_b	b. Soins aux enfants malades		b. Care for sick children			
f1_917_c	c. Soins aux malades externes adultes		c. Care for adult outpatients			
f1_917_d	d. La consultation prénatale pour les femmes enceintes		d. Prenatal consultation for pregnant women			
f1_917_e	e. Soins d'accouchement pour les femmes enceintes		e. Delivery care for pregnant women			
f1_917_f	f. Les soins post-partum pour les femmes et les nouveau-nés		f. Postpartum care for women and newborns			
f1_917_g	g. Hospitalisations et soins aux patients hospitalisés		g. Hospitalizations and inpatient			
f1_917_h	h. Examens de laboratoire		h. Laboratory Test			
f1_917_i	i. Radiographie		i. radiography			
f1_917_j	j. Références/Evacuations		j. References / Evacuating			
f1_917_k	k. Autre, spécifiez:		k. Others, Specify:			
f1_917_spec	specifiez		specify			ENQUÊTEUR : LIRE TOUTES LES OPTIONS À HAUTE VOIX. / INTERVIEWER: READ ALL OPTIONS ALoud. FOR EACH OPTION,
f1_918	A quoi est-ce que la formation sanitaire destine-t-elle les fonds collectés par le biais du régime d'assurance?		What does the clinic she intended the funds collected through the plan?			
f1_918_a	a. Infrastructures de la formation sanitaire		a. In the clinic			
f1_918_b	b. Achat d'équipement et de fournitures pour la formation sanitaire		b. Purchase of equipment and supplies for the clinic			
f1_918_c	c. Approvisionnement du CSPS en médicaments		c. CSPS drug supply			
f1_918_d	d. Activités du plan d'action de la formation sanitaire		d. Activities of the action plan of the health facility			
f1_918_e	e. Salaires du personnel		e. Staff salaries			

Questionnaire F1

Variable	Wording of question in English	Response in French	Wording of question in English	Response in English	Skip	Remarks
f1_918_f	f. Primes de rendement du personnel		f. Staff bonuses			
f1_918_g	g.Consultations et médicaments des personnes couvertes par l'assurance		g.Consultations drugs and persons covered by insurance			
f1_918_h	h. Autre		h. Others, Specify			

Variable	Wording of question in French	Response option in French	Wording of Question in English	Response in English			Skips	Remarks							
f1_10	Leadership		Leadership												
SUJET INTERROGÉ: LE RESPONSABLE EN CHEF DE LA FORMATION SANITAIRE															
f1_1000	CODE D'IDENTIFICATION DU SUJET INTERROGÉ À PARTIR DE LA LISTE DU PERSONNEL IDENTIFICATION CODE SUBJECT EXAMINED FROM THE LIST OF STAFF														
<p>Dans cette partie du questionnaire, je voudrais savoir ce que vous feriez dans certaines situations en ce qui concerne la formation sanitaire. Je vais vous lire une série de scénarios. Pour chaque scénario, je vais lire quatre réponses possibles que vous pourriez avoir. Veuillez choisir la réponse qui correspond le plus à ce que vous feriez dans cette situation particulière. Vous ne pouvez sélectionner qu'une seule réponse pour chaque scénario. Il n'y a pas de réponses correctes ou incorrectes - nous voulons juste savoir ce que vous feriez dans chacune des situations ci-dessous.</p> <p>In this part of the questionnaire, I would like to know what you would do in certain situations with regard to the health facility. I will read a series of scenarios. For each scenario, I will read four possible answers you might have. Please choose the answer that most closely matches what you would do in that particular situation. You can select only one response for each scenario. There are no right or wrong answers - we just want to know what you would do in each situation below.</p>															
ENQUÊTEUR : CHAQUE RÉPONSE EST CODÉE DE 1 À 4. INSCRIRE LE CODE APPROPRIÉ EN FONCTION DE LA RÉPONSE DU SUJET INTERROGÉ.															
	SCÉNARIOS	1	2	3	4	SCENARIOS	1	2	3	4					
f1_1001	Scénario 1: Si la performance de votre personnel s'améliore.	Vous insistez sur leurs responsabilités et les normes.	Vous ne prenez aucune mesure supplémentaire particulière.	Vous donnez un feedback positif et faites sentir au personnel qu'il s'est impliqué dans les réalisations.	Vous insistez sur l'importance des échéances et des tâches.	Scenario 1: The performance of your staff is improving.	You stress their responsibilities and standards.	You take no particular additional action.	You give positive feedback and make staff feel involved in the achievements.	You emphasize the importance of deadlines and tasks.					
f1_1002	Scénario 2: Si les membres de votre personnel ont été incapables de résoudre un problème au cours du mois passé, malgré toutes les tentatives qu'ils ont essayé pour y remédier.	Vous convoquez une réunion et, ensemble, vous essayez de résoudre le problème.	Vous laissez votre personnel faire face à ce problème par leurs propres moyens.	Vous leur donnez des directives et des instructions sur la façon de résoudre le problème.	Vous encouragez le groupe à résoudre le problème par leurs propres moyens, et vous êtes disponible pour en discuter en cas de besoin.	Scenario 2: Members of your staff have been unable to solve a problem over the past month, though they have been trying to address it.	You call a meeting and together try to solve the problem.	You let your staff address this problem on their own.	You give them direction and instructions on how to solve the problem.	You encourage the group to solve the problem on their own, and you are available when needed to discuss.					
f1_1003	Scénario 3: Si Vous envisagez un changement majeur dans la façon dont les choses sont faites dans la formation sanitaire.	Vous collaborez avec votre personnel pour élaborer les changements nécessaires.	Vous annoncez votre vision pour le changement et mettez en œuvre un plan clairement élaboré	Vous demandez à votre personnel d'élaborer et de mettre en œuvre leur propre plan pour le changement.	Vous vous entretenez avec votre personnel mais dirigez les changements vous-même.	Scenario 3: You are considering a major change in how things are done in the facility.	You collaborate with your staff to develop the needed changes.	You announce your vision for the changes and implement a clear plan.	You ask your staff to develop and implement their own plan for change.	You consult with your staff, but direct the changes yourself.					

Variable	Wording of question in French		Response option in French			Wording of Qestion in English		Response in English				Skips	Remarks
f1_1004	Scénario 4: Si le rendement de votre personnel est en baisse ces derniers mois.	Vous demandez à votre personnel de revoir leurs objectifs afin d'élaborer un plan ensemble.	Vous demandez à votre personnel de faire des suggestions, et vous formulez un plan précis pour eux.	Vous redéfinissez clairement les objectifs et vous vous assurez qu'ils sont atteints.	Vous permettez à votre personnel de fixer leurs propres objectifs et vous ne les bousculer pas.	Scenario 4: The performance of your staff has been falling in recent months.	You ask your staff to rethink their direction and goals and come up with a plan together.	You ask for suggestions from your staff on what to do, and you formulate a specific plan to meet objectives.	You redefine goals clearly and supervise whether these are being met closely.	You allow your staff freedom to set their own goals and do not push them.			
f1_1005	Scénario 5: Si votre personnel ne travaille plus en équipe de façon efficace.	Vous discutez des idées en groupe et trouvez la façon de mieux travailler en équipe.	Vous laissez vos employés trouver par leurs propres moyens des solutions à leurs problèmes .	Vous agissez rapidement avec fermeté pour remettre l'équipe sur les rails.	Vous vous rendez disponible pour discuter de tous les problèmes et soutenir votre équipe dans la recherche des solutions à leurs propres problèmes.	Scenario 5: Your staff are no longer working together as an effective team.	You discuss ideas as a group and identify how to work better together.	You let your staff work out their issues on their own.	You act quickly and decisively to get the team back on track.	You make yourself available to discuss any issues and support your team to work out their own problems.			

Working of question in french			Response in French	Wording of question in English			Response option in English	Skips	Remarks
Autonomie				Autonomy					
CODE D'IDENTIFICATION DE LA PERSONNE INTERROGÉE À PARTIR DE LA LISTE DU PERSONNEL				ID CODE OF THE RESPONDENT FROM THE STAFF ROSTER					
Je suis en mesure d'allouer le budget de ma formation sanitaire en tenant compte des besoins. Il existe suffisamment de flexibilité dans mon budget.			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	I am able to elaborate my facility budget according to needs. There is enough flexibility in my budget.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		
Je suis en mesure d'assigner des tâches et des activités au personnel de manière à atteindre les résultats escomptés pour la formation sanitaire. Il existe assez de flexibilité dans l'utilisation du personnel afin de parvenir à des solutions .			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	I am able to assign tasks and activities to staff as needed to achieve the outcomes I want in the facility. There is enough flexibility to use staff to address needs.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		
L' équipe cadre du district soutient mes décisions et actions visant à améliorer le rendement de la formation sanitaire.			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	The District Health Management Team supports my decisions and actions for doing a better job in my facility.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		
J'ai la liberté de choisir à qui confier telle ou telle tâche.			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	I have choice over who I allocate for what tasks.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		
J'ai la liberté de choisir les services à fournir par la formation sanitaire.			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	I have choice over what services are provided in the facility.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		
J'ai suffisamment d'autorité me permettant d'obtenir les ressources dont j'ai besoin (médicaments, fournitures, financement) afin de répondre aux besoins de ma formation sanitaire.			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	I have enough authority to obtain the resources I need (drugs, supplies, funding) to meet the needs of my facility.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		
Je comprends très bien les politiques de santé et les procédures de soins.			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	The policies and procedures for doing things are clear to me.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		
Les politiques et procédures sont des outils utiles me permettant de relever les défis qui se présentent à moi dans le cadre de la prestation des services et des rapports sur les activités.			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	The policies and procedures for doing things are useful tools for the challenges I face in providing services and reporting on activities.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		

Questionnaire F1

Working of question in french			Response in French	Wording of question in English			Response option in English	Skips	Remarks
L' équipe cadre du district me donne un feedback adéquat sur mon travail et le rendement de ma formation sanitaire.			La plupart du temps = 1, Plus de la moitié du temp = 2, Moins de la moitié du temps = 3 Rarement = 4 Jamais = 5	The District Health Management Team provides adequate feedback to me about my job and the performance of my facility.			Most of the time = 1, More than half of the time = 2, Less than half of the time = 3 Rarely = 4 Never = 5		

Variable	Wording of question in French	Response in French	Wording of question in English	Response Option in English	Skip	Remarks
12	Observation directe		Direct Observation			
(A)	GENERAL		GENERAL			
f1_1201	Existe-t-il une salle d'accueil / réception dans cette formation	OUI=1, NON=2	Is there a reception/registration room in this facility? INTERVIEWER:	YES=1, NO=2.		ENQUÊTEUR : IL N'Y A PAS DE PERSONNE A INTERROGER POUR CETTE SECTION DU QUESTIONNAIRE . APRÈS AVOIR DEMANDÉ L'AUTORISATION, VOUS DEVEZ FAIRE LE TOUR DE LA FORMATION SANITAIRE ET OBSERVER LES POINTS DÉCRITS DANS CETTE SECTION.
f1_1202	Existe-t-il une salle d'attente dans cette formation sanitaire? ENQUÊTEUR	OUI=1, NON=2	Is there a waiting room in this facility? INTERVIEWER: CONFIRM WITH DIRECT	YES=1, NO=2.		
f1_1203	Existe-t-il une salle d'attente séparée pour les femmes dans cette formation	OUI=1, NON=2	Is there a separate waiting room for women in this facility? INTERVIEWER:	YES=1, NO=2.		
f1_1204	Existe-t-il un système de ventilation dans la zone réservée aux patients	OUI=1, NON=2	Is there heating in patient areas during winter in this facility? INTERVIEWER:	YES=1, NO=2.		
Ff1_1205	Existe-il des lits d'observation dans cette formation sanitaire? ENQUÊTEUR : CONFIRMER PAR OBSERVATION	OUI=1, NON=2	Are there observation beds in this facility? INTERVIEWER: CONFIRM WITH DIRECT OBSERVATION.	YES=1, NO=2.	if f1_1205 = 2 ► 1210	
f1_1206	ENQUÊTEUR : NOTER LE NOMBRE DE LITS D'OBSERVATION DISPONIBLES. SI		INTERVIEWER: RECORD HOW MANY OBSERVATION BEDS ARE PRESENT. IF			
f1_1207	Existe-t-il des salles séparées pour les hommes et les femmes en cas d'hospitalisation dans cette formation	OUI=1, NON=2	Are there separate wards for men and women in this facility? INTERVIEWER: CONFIRM WITH DIRECT OBSERVATION.	YES=1, NO=2.	if f1_1207 = 2 ► 1210	
f1_1208	Nombre de lits pour les hommes. ENQUÊTEUR : CONFIRMER PAR OBSERVATION DIRECTE.		Number of beds for Men. INTERVIEWER: CONFIRM WITH DIRECT OBSERVATION.			
f1_1209	Nombre de lits pour les femmes. ENQUÊTEUR : CONFIRMER PAR OBSERVATION DIRECTE.		Number of beds for Women. INTERVIEWER: CONFIRM WITH DIRECT OBSERVATION.			
f1_1210	Existe-t-il des toilettes fonctionnelles dans cette formation sanitaire?	OUI=1, NON=2	Is a functional toilet facility available? INTERVIEWER: CONFIRM WITH DIRECT	YES=1, NO=2.		
f1_1211	Existe-t-il des toilettes séparées pour les hommes et les femmes?	OUI=1, NON=2	Are there separate toilet facilities for men and women? INTERVIEWER:	YES=1, NO=2.		
f1_1212	Est ce que la formation sanitaire dispose de logements d'astreinte pour	OUI=1, NON=2	Does the facility have accommodations for health workers who are on-call	YES=1, NO=2.		
f1_1213	Existe-t-il de l'eau pour le lavage des mains et du savon dans la zone de	OUI=1, NON=2	is it water , soap , clean towel on the examination room ?INTERVIEWER :	YES=1, NO=2.		
f1_1214	Existe-t-il un système d'évacuation des déchets (bac à ordures, fosse ou	OUI=1, NON=2	Is there-any waste evacuation system (dust bin, pit or incinerator)?	YES=1, NO=2.		
f1_1215	Existe-t-il une boîte de sécurité pour les objets pointus et tranchants?	OUI=1, NON=2	Is it-any security box for sharp matériel ?INTERVIEWER:CONFIRM WITH	YES=1, NO=2.		
(B)	AFFICHAGE DES FRAIS EXIGIBLES AUX USAGERS		Posting of User Fees			
f1_1216	Y a-t-il des affiches dans la formation sanitaire qui précisent le montant des frais exigibles pour la consultation?	Oui, vu=1 OUI, pas vu=2 NON3	Is there any posters in the clinic which specify the amount of fees for the consultation? INTERVIEWER: IF YES,	YES, SEEN=1 YES, NOT SEEN=2 NO=3		
f1_1217	Y a-t-il des affiches dans la formation sanitaire qui indiquent le montant des frais de laboratoire? ENQUÊTEUR : SI OUI, CHERCHEZ À VOIR LES AFFICHES	OUI, affiché publiquement=1, OUI, PAS AFFICHÉ=2 NON=3 NON APPLICABLE=9	Is there any posting in the facility that shows laboratory fees for outpatients? INTERVIEWER: IF YES, LOOK FOR POSTING IN FACILITY.	YES, PUBLICLY POSTED=1 YES, NOT POSTED=2 NO, NOT POSTED=3 NOT APPLICABLE=9		
f1_1218	Y a-t-il des affiches dans la formation sanitaire qui indiquent le montant des frais de radiologie? ENQUÊTEUR : SI OUI, CHERCHEZ À VOIR LES AFFICHES	OUI, affiché publiquement=1, OUI, PAS AFFICHÉ=2 NON=3 NON APPLICABLE=9	Is there any posting in the facility that shows X-ray fees for outpatients? INTERVIEWER: IF YES, LOOK FOR POSTING IN FACILITY.	YES, PUBLICLY POSTED=1 YES, NOT POSTED=2 NO, NOT POSTED=3 NOT APPLICABLE=9		

Questionnaire F1

Variable	Wording of question in French	Response in French	Wording of question in English	Response Option in English	Skip	Remarks
f1_1219	Est ce que l'un des éléments suivants est affiché publiquement à l'intention des patients?	OUI ET VU .....1 OUI, PAS VU.....2 NON.....3	Is any of the following posted publicly for patients to see?	YES AND SEEN 1 YES, NOT SEEN 2 NO 3		
	ENQUÊTEUR : POUR CHACUN DES DOCUMENTS, DEMANDER A VOIR		INTERVIEWER: FOR EACH DOCUMENT, ASK TO SEE THE DOCUMENTS POSTED			
f1_1219_a	a. Capacité d'accueil des malades hospitalisés (Nombre de lits)		a. Inpatient capacity (number of beds)			
f1_1219_b	b. Jours/heures de service		b. Days/ Hours of service			
f1_1219_c	c. Rotation du personnel		c. Personal rotation c. Personnel Rotation			
f1_1219_d	d. Contact de la Direction		d. Contact of the managements			
f1_1219_e	e. Management policy complaints and suggestions		e. Management policy and suggestions			
f1_1219_f	f. Liste des devoirs du patient		f. List of patients duties			
f1_1219_g	g. Prix des médicaments		g. List of drug prices			
(C)	PROTOCOLES NATIONAUX		National Protocols			
ENQUÊTEUR : DEMANDER AU RESPONSABLE DE LA FORMATION SANITAIRE OU AU						
f1_1220	Matériel pour la sensibilisation des patients, les séances d'IEC= Boîtes à	VU=1, PAS VU=2	Equipment for patient education, IEC sessions = Boxes image posters, videos	SEEN=1, NOT SEEN=2		
1_1221	Guide de Diagnostic et de Traitement (GDT)	VU=1, PAS VU=2	Guide to Diagnostic and Traitement (GDT)	SEEN=1, NOT SEEN=2		
1_1222	Prise en charge intégrée des maladies de l'enfant (PCIME) livret comportant	VU=1, PAS VU=2	Integrated Management of Childhood Illness (IMCI) booklet with plug or wall	SEEN=1, NOT SEEN=2		
1_1223	Table de suivi de la croissance des enfants	VU=1, PAS VU=2	Table growth monitoring of children	SEEN=1, NOT SEEN=2		
1_1224	Protocole national sur le diagnostic et le traitement de la tuberculose	VU=1, PAS VU=2	National Protocol on the diagnosis and treatment of tuberculosis	SEEN=1, NOT SEEN=2		
1_1225	Système National d'Information Sanitaire, directives	VU=1, PAS VU=2	National Health Information System, guidelines	SEEN=1, NOT SEEN=2		
1_1226	Système National d'Information Sanitaire, données	VU=1, PAS VU=2	National Health Information System, data	SEEN=1, NOT SEEN=2		
1_1227	Protocole national sur le diagnostic et le traitement du paludisme	VU=1, PAS VU=2 F1_12.37	National protocol for the diagnosis and treatment of malaria	SEEN=1, NOT SEEN=2		
1_1228	Protocole national portant sur la vaccination des enfants	VU=1, PAS VU=2	National protocol on child immunization	SEEN=1, NOT SEEN=2		
1_1229	Normes et procédures en matière de santé de la reproduction	VU=1, PAS VU=2	Standards and procedures for reproductive health	SEEN=1, NOT SEEN=2		
1_1230	Manuel de procédures sur la prévention des infections	VU=1, PAS VU=2	Procedures Manual Infection	SEEN=1, NOT SEEN=2		
1_1231	Directives portant sur la prise en charge des infections sexuellement	VU=1, PAS VU=2	Guidelines on the management of sexually transmitted infections	SEEN NOT SEEN		
1_1232	Directives nationales sur le dépistage du VIH, le counselling et le traitement	VU=1, PAS VU=2	National guidelines on HIV testing, counseling and treatment	SEEN NOT SEEN		
1_1233	Directives sur la Prévention de la transmission du VIH / SIDA de la Mère	VU=1, PAS VU=2	Guidelines on the Prevention of transmission of HIV / AIDS from	SEEN NOT SEEN		
1_1234	Liste nationale des médicaments essentiels	VU=1, PAS VU=2	National List of Essential Medicines	SEEN NOT SEEN		
1_1235	Protocole national	VU=1, PAS VU=2	National protocol drug supply	SEEN		

Questionnaire F1

Variable	Wording of question in French	Response in French	Wording of question in English	Response Option in English	Skip	Remarks
	d'approvisionnement en médicaments			NOT SEEN		
1_1236	Fiches de déclaration des effets	VU=1, PAS VU=2	Sheets reporting adverse drug reactions or vaccines	SEEN		
	indésirables des médicaments ou des			NOT SEEN		
1_1237	Stratégie sectorielle de la santé (PNDS2) 2006-2015	VU=1, PAS VU=2	Sectoral health strategy (PNDS2) 2006-2015	SEEN=1,		
				NOT SEEN=2		
1_1238	Directives SONU (Soins Obstétricaux et Néonataux d'Urgence)	VU=1, PAS VU=2	SONU guidelines (Obstetrical and Neonatal Care Emergency)	SEEN=1,		
				NOT SEEN=2		
1_1239	Formulaires de référence	VU=1, PAS VU=2	Reference Forms	SEEN=1,		
				NOT SEEN=2		

Variable	Wording of question in French	Response in French	Wording of question in English			Skip
13	Equipement (Observation directe)		Equipement (Direct Observation)			
ENQUÊTEUR : IL N'Y A PAS DE PERSONNE A INTERROGER POUR CETTE SECTION DU						
(A)	Equipement général	ENREGISTRER LES RÉPONSES	General Equipement			
f1_1301	Où se trouve le matériel de consultations externes?	Dans une salle réservée aux consultations externes =1	Where is the outpatient consultation room located?	In a room reserved for outpatient=1		
		Dans une salle également utilisée pour d'autres activités=2		In a room also used for other activities=2		
		Aucun matériel n'existe dans cette formation sanitaire pour les consultations externes=3		No material exists in this facility for outpatient=3		if f1_1301 = 3 ► 13.03
f1_1302	BIEN VOULOIR NOTER LA QUANTITE DE CHAQUE TYPE DE MATERIEL.	QUANTITÉ DISPONIBLE	KINDLY NOTE THE AMOUNT OF EACH TYPE OF MATERIAL. NOTE "0" IF MATERIAL DOES NOT WORK.	QUANTITY AVAILABLE	QUANTITY OPERATIONAL	
f1_1302_1	Horloge munie d'une aiguille de secondes	NOTER "0" SI AUCUN DES MATERIELS NE FONCTIONNE	Clock with a second hand	Note '0' if it does not function.		
f1_1302_2	Horloge non munie d'une aiguille de secondes		Clock is not equipped with a second hand			
f1_1302_3	Toise adulte		Adult fathom			
f1_1302_4	Mètre ruban		Tape Measure			
f1_1302_5	Balance pour adultes		Adult Scale			
f1_1302_6	Toise bébé		fathom baby			
f1_1302_7	Pèse-bébé		Baby scales			
f1_1302_8	Tensiomètre muni de brassard pour adulte		Tensimeter equipped with adult cuff			
f1_1302_9	Tensiomètre muni de brassard pour enfants		Sphygmomanometer cuff provided for children			
f1_1302_10	Thermomètre		Thermometer			
f1_1302_11	Stéthoscope médical adulte		Adult medical stethoscope			
f1_1302_12	Stéthoscope médical enfant		Medical stethoscope child			
f1_1302_13	Oxymètre de pouls		Pulse Oximeter			
f1_1302_14	Tubes pour perfusion		Tubes for infusion			
f1_1302_15	cathéter 16 gauges (couleur grise)		16 gauge catheter (gray)			
f1_1302_16	cathéter 18 gauges (couleur verte)		18 gauge catheter (green)			
f1_1302_17	cathéter 20 gauges (couleur rose)		20 gauge catheter (pink)			
f1_1302_18	cathéter 22 gauges (couleur bleue)		22 gauge catheter (blue)			
f1_1302_19	cathéter 24 gaugés (couleur jaune)		24 gauge catheter (yellow)			
f1_1302_20	Perfuseur		Infusion			
f1_1302_21	Calculatrice		Calculatrice			
f1_1302_22	Otoscope		Otoscope			
f1_1302_23	Fiche pour tester la vision		Record to test vision			
f1_1302_24	Bouteille d'oxygène		Oxygen cylinder			
f1_1302_25	Concentrateur d'oxygène		Oxygen Concentrater			
f1_1302_26	Oxygène de source centrale		Central oxygen source			
f1_1302_27	Sonde d'intubation enfants		Sintubation children probe			
f1_1302_28	Sonde d'intubation adultes		Adult endotracheal tube			
f1_1302_29	Ballon ambu adulte		Adult ball ambu			
f1_1302_30	Ballon ambu enfant		Ball ambu child			
f1_1302_31	Masque de ventilation adulte		Adult mask ventilation			
f1_1302_32	Masque de ventilation enfant		Mask ventilation child			
f1_1302_33	Potence pour perfusion		Stem infusion			
f1_1302_34	Lampe-torche		Flashlight			
f1_1302_35	Civière/brancard		Stretcher / stretcher			
f1_1302_36	Chaise roulante		Wheel Chair			

Variable	Wording of question in French	Response in French	Wording of question in English			Skip
f1_1302_37	Seau à eau		Water bucket			
f1_1302_38	Chariot		Trolley			
f1_1302_39	Ciseau		chisel			
f1_1302_40	Petit matériel de chirurgie pour des actes tels que l'incision, le drainage et les sutures (scalpel)		Small surgical equipment for acts such as incision, drainage and sutures (scalpel)			
f1_1302_41	Coin muni de matériel réservé à la réhydratation par voie orale (contenant d'1 litre, gobelets et cuillères y compris et directives de		Corner fitted equipment reserved for oral rehydration (containing 1 liter cups and spoons including guidelines and rehydration)			
(B)	Matériel de stérilisation	ENREGISTRER LES RÉPONSES	Sterilizing Equipment			
f1_1303	Où se trouve le matériel de stérilisation?	Dans une salle réservée à la stérilisation=1	Where is the sterilization equipment located?	In a room reserved for sterilization=1		
		Dans une salle également utilisée pour d'autres activités=2		In a room also used for other activities=2		
		Aucun matériel de stérilisation n'existe dans cette formation sanitaire=3		No sterilization equipment exists in this facility=9		if f1_1303 = 3 ► 13.05
f1_1304	BIEN VOULOIR NOTER LA QUANTITÉ DE CHAQUE TYPE DE MATÉRIEL. NOTER "0" SI LE MATÉRIEL NE FONCTIONNE PAS OU N'EST PAS	QUANTITÉ DISPONIBLE	PLEASE RECORD THE QUANTITY FOR EACH TYPE OF EQUIPMENT. RECORD 98 IF NOT FUNCTIONING OR NOT AVAILABLE	QUANTITY AVAILABLE	QUANTITY OPERATIONAL	
f1_1304_a.	a. Autoclave électrique (pression et chaleur humide)	NOTER "0" SI AUCUN DES MATERIELS NE FONCTIONNE	Electric autoclave (pressure and damp heat)	Note '0' if it does not function.		
f1_1304_b.	b. Autoclave non-électrique (pression et chaleur humide)		Non-electric autoclave (pressure and damp heat)			
f1_1304_c.	c. Stérilisateur électrique à air chaud		Electric hot air sterilizer			
f1_1304_d.	d. Bouilloire ou chauffe-eau électrique (sans pression)		Kettle or electric water heater (without pressure)			
f1_1304_e.	e. Marmite non électrique avec couvercle (chauffage à vapeur)		Non-electric cooking pot with lid (steam heating)			
f1_1304_f.	f. Source de chaleur pour les appareils non électriques		Heat source for non-electrical equipment			
f1_1304_g.	g. Programmeur (peut se trouver sur le matériel)		Programmer (can be found on the material)			
f1_1304_h.	h. Bande d'indicateur temps, pression et température ou autre indicateurs de stérilisation		Tape time indicator, pressure and temperature sterilization indicators or other			
f1_1304_i.	i Poupinel		Poupinel			
(C)	Matériel de vaccination	ENREGISTRER LES RÉPONSES	Vaccination Equipment			
f1_1305	Où est situé le matériel de vaccination? MATÉRIEL DE VACCINATION: RÉFRIGÉRATEUR ÉLECTRIQUE OU A PETROLE , POUR VACCIN GLACIÈRE, PORTE-VACCIN ...	Salle de vaccination différente=1	Where is the vaccination equipment? MATERIAL OF VACCINATION: REFRIGERATOR ELECTRIC OR OIL FOR VACCINE COOLER, HOLDER VACCINE ...	In different vaccination=1		
		Dans une salle également utilisée pour d'autres activités=2		In a room also used for other activities=2		
		Aucun matériel pour la vaccination n'existe dans cette formation sanitaire=3		No material for vaccination exists in this facility=9		if f1_1305 = 3 ► 13.07

Variable	Wording of question in French	Response in French	Wording of question in English			Skip
f1_1306	BIEN VOULOIR NOTER LA QUANTITÉ DE CHAQUE TYPE DE MATÉRIEL.	QUANTITÉ DISPONIBLE	KINDLY NOTE THE AMOUNT OF EACH TYPE OF MATERIAL. NOTE "0" IF THE MATERIAL DOES NOT WORK OR IS NOT AVAILABLE.	QUANTITY AVAILABLE	QUANTITY OPERATIONAL	
f1_1306_a.	a. Thermomètre pour vaccins	NOTER "0" SI LE MATÉRIEL NE FONCTIONNE PAS OU N'EST PAS DISPONIBLE.	Thermometer vaccines	Note '0' if it does not function.		
f1_1306_b.	b. Glacière / porte-vaccins		Cooler / vaccine carriers			
f1_1306_c.	c. Icebox		Icebox			
f1_1306_d.	d. Réfrigérateur		Refrigerator			
f1_1306_e.	e. Congélateur		freezer			
f1_1306_f.	f. Coton/compresses		Cotton / gauze			
f1_1306_g.	g. Désinfectant de la peau		Skin disinfectant			
f1_1306_h.	h. Boîte de sécurité seringues		Box safety syringes			
f1_1306_i.	i Aiguilles d'injection IM		IM injection needles			
f1_1306_j.	j. Seringues 2 ml		2 ml syringes			
f1_1306_k.	k. Seringues 5 ml		5 ml syringes			
f1_1306_l.	l. Seringues 0,5 ml		0,5 ml Syringes			
f1_1306_m	m. Cartes de vaccination		Vaccination cards			
(D)	Matériel de soins prénatals	ENREGISTRER LES RÉPONSES	Delivery and Neonatal Equipment			
f1_1307	Où se trouve le matériel pour les soins prénatals ? MATÉRIEL POUR SOINS PRÉNATAUX FOETOSCOPE, TENSIONNÈTRE, MÈTRE RUBAN, BALANCE POUR ADULTES...	Dans une salle spéciale pour soins prénatals=1 Dans une salle également utilisée pour d'autres activités=2 Aucun matériel pour les soins prénatals n'existe dans cette formation sanitaire	PLEASE RECORD THE QUANTITY FOR EACH TYPE OF EQUIPMENT. RECORD 98 IF NOT FUNCTIONING OR NOT AVAILABLE	In a special room for prenatal care In a room also used for other activities No material for prenatal care exists in this clinic		If f1_1307 = 3 ► (13,09)
f1_1308	BIEN VOULOIR NOTER LA QUANTITÉ DE CHAQUE TYPE DE MATÉRIEL. NOTER 00 SI LE MATÉRIEL NE FONCTIONNE PAS OU N'EST PAS	QUANTITÉ DISPONIBLE	PLEASE RECORD THE QUANTITY FOR EACH TYPE OF EQUIPMENT. RECORD 00 IF NOT FUNCTIONING OR NOT AVAILABLE	QUANTITY AVAILABLE	QUANTITY OPERATIONAL	
f1_1308_a.	a. Table de consultation gynécologique		Gynecological consultation Table	Note '0' if it does not function.		
f1_1308_b.	b. Réglette ou courbe d'estimation de la date d'accouchement (Gestogramme)		Slider or curve estimated date of delivery (gestogram)			
f1_1308_c.	c. Stéthoscope obstétrical		obstetric stethoscope			
f1_1308_d.	d. Sonicaid		Sonicaid			
f1_1308_e.	e. Echographe		Ultrasound			
f1_1308_f.	f. Thermomètre		Thermometer			
f1_1308_g.	g. Mètre ruban		tape measure			
f1_1308_h.	h. Speculum		Speculum			
f1_1308_i.	i. Tensionnètre		Tensionnètre			
f1_1308_j.	j. Stéthoscope médical		Medical Stethoscope			
f1_1308_k.	k. Lampe baladeuse/torche		Portable lamp / torch			
f1_1308_l.	l. Toise		Toise			
f1_1308_m	m. Balance		Balance			
(E)	Matériel pour accouchement et soins aux nouveaux-nés	ENREGISTRER LES RÉPONSES	Equipment for delivery and newborn care			
f1_1309	Où se trouve le matériel obstétrical et celui utilisé pour les soins aux nouveaux-nés?	Dans une salle spéciale pour l'accouchement et soins aux nouveaux-nés=1	Where is the equipment in obstetrics and that used for the care of newborns?	In a special room for the birth and care for newborns=1		

Variable	Wording of question in French	Response in French	Wording of question in English			Skip
		Dans une salle également utilisée pour d'autres activités=2		In a room also used for other activities=2		
		Aucun matériel n'existe pour les accouchements et soins aux nouveaux nés dans cette formation sanitaire=3		No material exists for childbirth and care nouveaux born in this facility=3		If f1_1309 = 3 ► 13.09
f1_1310	BIEN VOULOIR NOTER LA QUANTITÉ DE CHAQUE TYPE DE MATÉRIEL.	QUANTITÉ DISPONIBLE	KINDLY NOTE THE AMOUNT OF EACH TYPE OF MATERIAL. NOTE 00 IF THE EQUIPMENT IS NOT WORKING OR IS NOT AVAILABLE.	QUANTITY AVAILABLE	QUANTITY OPERATIONAL	
f1_1310_1	1. Table d'accouchement	NOTER 00 SI LE MATÉRIEL NE FONCTIONNE PAS OU N'EST PAS DISPONIBLE.	Delivery table	Note '0' if it does not function.		
f1_1310_2	2. Lit hospitalisation après accouchement		Hospital bed after childbirth			
f1_1310_3	3. Registre de partogramme		Register partograph			
f1_1310_4	4. Éclairage salle accouchement (nombre de lampes)		Room lighting birth (number of lamps)			
f1_1310_5	5. Matériel d'aspiration manuel		Equipment manual aspiration			
f1_1310_6	6. Matériel d'aspiration électrique		Electric suction equipment			
f1_1310_7	7. Ballon de réanimation, nouveau-né		Resuscitation, newborn			
f1_1310_8	8. Gouttes ophtalmologiques ou pommade pour nouveau-né		Eye drops or ointment for newborn			
f1_1310_9	9. Perfuseur		Infusion			
f1_1310_10	10. Solution isotonique de NaCl (Chlorure de Sodium)		Isotonic solution of NaCl (Sodium Chloride)			
f1_1310_11	11. Soluté de lactate de Ringer		Solute Ringer's lactate			
f1_1310_12	12. Ciseaux		scissors			
f1_1310_13	13. Pince pour cordon ombilical		Umbilical cord clamp			
f1_1310_14	14		sterile tape			
f1_1310_15	15. Fil de suture absorbable		Absorbable suture			
f1_1310_16	16. Fil de suture non absorbable		Nonabsorbable suture thread			
f1_1310_17	17. Serviettes propres		Nonabsorbable suture			
f1_1310_18	18. Rasoir propre		clean razor			
f1_1310_19	19. Gants d'examen		Examination Gloves			
f1_1310_20	20. Coton stérile ou gaze hydrophile (pour le nettoyage de la bouche et du nez du bébé)		Sterile gauze or cotton wool (for cleaning the mouth and nose of the baby)			
f1_1310_21	21. Savon pour les mains ou détergents		Hand soap or detergent			
f1_1310_22	22. Brosse pour les mains		Brush for hands			
f1_1310_23	23. Plateau stérile		sterile tray			
f1_1310_24	24. Contenant en plastique muni d'une doublure en plastique pour jeter le		Plastic container with a plastic liner to throw the placenta			
f1_1310_25	25. Contenant en plastique muni d'une doublure en plastique pour les déchets médicaux (gaze de		Plastic container with a plastic liner for medical waste (gauze dressings, etc.).			
f1_1310_26	26. Stéthoscope nouveau né		New born stethoscope			
f1_1310_27	27. Stéthoscope médical		medical stethoscope			
f1_1310_28	28. Stéthoscope obstétrical		obstetric stethoscope			
f1_1310_29	29. Tensiomètre		Blood pressure measure			
f1_1310_30	30. Haricot		Bean			
f1_1310_31	31. Bol en acier		Steel bowl			

Variable	Wording of question in French	Response in French	Wording of question in English			Skip
f1_1310_32	32. Tablier de protection et alèse en plastique		Protective apron and plastic sheet			
f1_1310_33	33. Sonicaïd		Sonicaid			
f1_1310_34	34. Deux serviettes stériles (l'une pour recevoir le nouveau-né et l'autre pour les manipulations)		Two sterile towels (one for receiving the newborn and the other for handling)			
f1_1310_35	35. Balance pour bébé (balance pour nourrissons)		Baby scale (scale for infants)			
f1_1310_36	36. Pincés pour pansements		Pliers for dressings			
f1_1310_37	37. Pincés utérines		uterine forceps			
f1_1310_38	38. Porte-aiguille		Needle holder			
f1_1310_39	39. Cathéter de calibre 16- ou 18-		Gauge catheter 16 - or 18 -			
f1_1310_40	40. Spéculum vaginal		vaginal speculum			
f1_1310_41	41. Pincés (hémostatique)		Pliers (hemostatic)			
f1_1310_42	42. Pompe d'aspiration, fonctionnant à pédales ou à main		Suction pump, operating pedal or hand			
f1_1310_43	43. Ventouse obstétricale		vacuum extraction			
f1_1310_44	44. Dilatateur utérin		uterine dilator			
f1_1310_45	45. Curette, utérine		Curette, uterine			
f1_1310_46	46. Écarteur vaginal (Valves)		Vaginal retractor (Valves)			
f1_1310_47	47. Masque et ballon d'anesthésie (ballon de type Ambu)		Anesthesia mask and balloon (balloon Ambu)			
f1_1310_48	48. Table de réanimation du nouveau né		Table resuscitation of newborn			
f1_1310_49	49. Boite pour intubation pédiatrique		Box for pediatric intubation			
f1_1310_50	50. Gants stérils		infertile gloves			
f1_1310_51	51. Boite pour césarienne		Box for cesarean			
f1_1310_52	52. Boite pour hystérectomie		Box for hysterectomy			
f1_1310_53	53. Lampe scialytique		operating light			
f1_1310_54	54. Thermomètre axillaire		axillary thermometer			
f1_1310_55	55. Thermomètre buccal		oral thermometer			
f1_1310_56	56. Compresses stériles		sterile gauze			
f1_1310_57	57. Bouteille d'oxygène		Oxygen cylinder			
f1_1310_58	58. Concentrateur d'oxygène		Oxygen Concentrator			
f1_1310_59	59. Oxygène de source centrale		Central oxygen source			
f1_1310_60	60. Négatoscope		negatoscope			
f1_1310_61	61. Boite d'accouchement		Delivery box			
f1_1310_62	62. Boite de curetage AMIU		Transmission curettage MVA			
f1_1310_63	63. Boite pour examen gynécologique		Box for gynecological examination			
f1_1310_64	64. Réfrigérateur pour banque de sang		Blood bank refrigerator			
f1_1310_65	65. Couveuse		incubator			
f1_1310_66	66. Mètre ruban		Tape Measure			
f1_1310_67	67. Lunettes de protection		Goggles			
f1_1310_68	68. Lampes torches		torches			
f1_1310_69	69. Sondes de Guedel pour dégager les voies respiratoires-néonatal, enfants et adultes		Probes to identify Guedel-neonatal respiratory tract, children and adults			
f1_1310_70	70. Fils à ligature		Son ligature			
f1_1310_71	71. Hystéromètre		hysterometer			
f1_1310_72	72. Cathéter vésical		bladder catheter			

Variable	Wording of question in French	Response in French	Wording of question in English			Skip
f1_1310_73	73. Seringues		syringes			
f1_1310_74	74. Sondes nasogastriques (adulte)		Nasogastric tube (adult)			
f1_1310_75	75. Sondes nasogastriques (nouveaux nés)		Nasogastric tubes (newborns)			
f1_1310_76	76. Récipient gradué pour estimer la perte de sang		Graduated container to estimate blood loss			
f1_1310_77	77. Appareil d'échographie doppler (pour les battements cardiaques du fœtus)		Doppler ultrasound device (for the heartbeat of the fetus)			
f1_1310_78	78. Chauffage pour bébé		Heating for baby			
f1_1310_79	79. Forceps		Forceps			
f1_1310_80	80. Appareil d'haemocue (mésure d'hémoglobine)		Apparatus Haemocue (hemoglobin measurement)			
f1_1310_81	81. Registre d'accouchements		Register of births			

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_14	Stockage et disponibilité des médicaments et vaccins			Drug and Vaccine Storage and Availability			
	PERSONNE INTERROGÉE: PHARMACIEN, RESPONSABLE DE LA FORMATION SANITAIRE OU LE MEMBRE DU PERSONNEL LE MIEUX INFORMÉ						
	Maintenant, j'aimerais vous poser une question sur le stockage et la disponibilité des médicaments dans ce centre de santé						
f1_1401	Est ce que les personnes suivantes ont le droit d'approvisionner ce centre en			Do the following persons have the right to procure supply this drug			
	ENQUÊTEUR : LIRE TOUTES LES OPTIONS À HAUTE VOIX.						
f1_1401_a	a. Chef / personne en charge de la formation sanitaire	Oui = 1, Non = 2		a. Health facility manager/ in charge			
f1_1401_b	b. Personnel de la formation sanitaire	Oui = 1, Non = 2		b. Health facility staff			
f1_1401_c	c. Personnel d'Organisation Non Gouvernementale	Oui = 1, Non = 2		c. Non Governmental Organization staff			
f1_1401_d	d. Administration locale, communes	Oui = 1, Non = 2		d. Local government			
f1_1401_e	e. Mutuelles	Oui = 1, Non = 2		e. mutual			
f1_1401_f	f. CAMEG/Dépôts régionaux	Oui = 1, Non = 2		f. CAMEG / regional Deposits			
f1_1401_g	g. Responsables de groupement	Oui = 1, Non = 2		g. Responsible for group			
f1_1401_h	h. Membres de la communauté	Oui = 1, Non = 2		h. Community members			
f1_1401_i	i. Comité de gestion	Oui = 1, Non = 2		i. Management Committee			
f1_1401_j	j. AUTRE, spécifiez	Oui = 1, Non = 2		j. Others, Specify			
		Oui = 1, Non = 2					
f1_1402	Pouvez vous me conduire à l'endroit où l'on stocke les médicaments dans cette formation sanitaire ?	Oui, vu=1		Can you take me to the place where the drugs are stored in this facility?	YES, SEEN=1, No, there is no such place=2		
						2 END OF QUESTIONNAIRE	
f1_1403	ENQUÊTEUR : EST CE UNE SALLE SÉPARÉE DE CELLE DE LA VENTE DES	OUI=1, NON=2		INTERVIEWER: THIS IS A ROOM SEPARATE FROM THAT OF THE SALE	YES=1, NO=2.		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
	MEDICAMENTS?			OF DRUGS?			
f1_1404	Pendant combien d'heures le dépôt de médicaments est-il ouvert pour			How many hours the filing of drugs is it open for each of the following days?			
	ENQUÊTEUR : POUR CHACUN DES JOURS, INSCRIRE LE NOMBRE D'HEURES PENDANT LESQUELLES CE SERVICE EST OFFERT.	SI CE SERVICE N'EST PAS OFFERT,		INTERVIEWER: FOR EACH DAY, ENTER THE NUMBER OF HOURS DURING	IF THIS SERVICE IS NOT AVAILABLE, ENTER "00".		
				a. Monday			
f1_1404_a	a. Lundi			b. Tuesday			
f1_1404_b	b. Mardi			c. Wednesday			
f1_1404_c	c. Mercredi			d. Thursday			
f1_1404_d	d. Jeudi			e. Friday			
f1_1404_e	e. Vendredi			f. Saturday			
f1_1404_f	f. Samedi						
f1_1404_g	g. Dimanche			g. Sunday			
f1_1405	Cette pharmacie sert-elle seulement à garder et distribuer les médicaments ou sert-elle à autre chose?	Seulement à garder et distribuer les Elle sert aussi à autre chose=2		Does this pharmacy serve only to store and dispense drugs, or does it also serve for other purposes?	Only to store and dispense drugs=1, Also serves for other purposes=2		
f1_1406	Peut-on fermer les portes et fenêtres pour la sécurité de la pharmacie ?	OUI=1, NON=2		Can the doors and windows be locked to keep the pharmacy secured?	YES=1, NO=2.		
f1_1407	ENQUÊTEUR : EST CE QUE LA ZONE DE STOCKAGE DES MEDICAMENTS EST PROPRE, UN PEU SALE, OU SALE?	PROPRE=1, UN PEU SALE=2, SALE=3		INTERVIEWER: DOES THE DRUG STORAGE AREA LOOK CLEAN, PARTIALLY DIRTY, OR DIRTY?	CLEAN=1, PARTIALLY DIRTY=2, DIRTY=3		
f1_1408	ENQUÊTEUR : EST CE QUE LE PLAFOND, LES MURS, LE SOL ET LES FENÊTRES ONT L'AIR SEC ET A L'ABRI DE TOUTES INFILTRATION D'EAU?	SECS, PAS DE TRACES D'INFILTRATION SECS MAIS IL Y A DES TRACES HUMIDITÉ / EAU=3		INTERVIEWER: DO THE CEILING, WALLS, FLOORS AND WINDOWS LOOK DRY AND FREE FROM TRACES OF WATER INFILTRATION?	DRY, NO TRACES OF WATER INFILTRATION=1 DRY BUT THERE ARE TRACES OF WATER INFILTRATION=2 THERE IS WETNESS / WATER=3		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1409	ENQUÊTEUR : LES FENETRES SONT-ELLES PROTÉGÉES CONTRE LES RAYONS DU SOLEIL?	FENÊTRES COUVERTES=1		INTERVIEWER: ARE THE WINDOWS COVERED TO KEEP THE SUNLIGHT OUT?	WINDOWS COVERED=1		
		FENÊTRES NON COUVERTES=2			WINDOWS NOT COVERED=2		
		PAS DE FENÊTRES=3			NO WINDOWS=3		
f1_1410	ENQUÊTEUR : LES MÉDICAMENTS SONT-ILS STOCKES SUR UNE PLATEFORME SURÉLEVÉE?	OUI=1, NON=2		INTERVIEWER: ARE THE DRUGS KEPT ON AN ELEVATED PLATFORM?	YES=1, NO=2.		
f1_1411	Est-ce que la pharmacie tient une fiche ou un registre de stocks? ENQUÊTEUR : SI OUI, DEMANDEZ A VOIR CETTE FICHE OU REGISTRE	Oui, vu=1		Does the pharmacy maintain stock cards or stock register? INTERVIEWER: IF YES, ASK TO SEE CARDS/REGISTER.	YES, SEEN=1		
		OUI, pas vu=2			YES, NOT SEEN=2		
		NON=3			NO=3		
f1_1412	Quelle est la quantité de [MÉDICAMENTS] en unite par d'osage			What is the amount of [DRUG] in unit by dosage			
Médicaments usuels							
f1_1412_1	Pommade Tétracycline ophthalmologique	Tube	1	Paracetamol tablets	Tube		
f1_1412_2	Paracetamol comprimés	plaquette	2	Paracetamol (syrup)	booklet		
f1_1412_3	Paracetamol (sirop)	flacon	3	Amoxicillin (tablet or capsule)	Bottle		
f1_1412_4	Amoxicilline (comprimé ou capsule)	plaquette	4	Amoxicillin (tablet or capsule)	booklet		
f1_1412_5	Amoxicilline (sirop)	flacon	5	Amoxicillin (syrup)	Bottle		
f1_1412_6	Solution de réhydratation orale (SRO)	sachet	6	Oral rehydration solution (ORS)	sachet		
f1_1412_7	Fer (avec ou sans acide folique)	plaquette	7	Iron (with or without folic acid)	booklet		
f1_1412_8	Acide folique	plaquette	8	folic Acid	booklet		
f1_1412_9	Cotrimoxazole comprimés	plaquette	9	cotrimoxazole tablets	booklet		
f1_1412_10	Cotrimoxazole sirop	flacon	10	cotrimoxazole syrup	Bottle		
f1_1412_11	Vitamine A	capsule	11	Vitamin A	capsule		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1412_12	Serum physiologique (0,9%)	poche	12	Physiological saline (0.9%)	Pocket		
f1_1412_13	Eau stérile	flacon	13	sterile water	Bottle		
f1_1412_14	Liquide de Ringer	poche	14	Ringer's lactate	Pocket		
f1_1412_15	Serum glucosé isotonique	poche	15	Serum glucose isotonic	Pocket		
f1_1412_16	Serum glucosé hypertonique	poche	16	Serum glucose hypertonic	Pocket		
f1_1412_17	Solution d'hémacel	poche	17	Hémacel of solution	Pocket		
f1_1412_18	Zidovidine sirop	flacon	18	Zidovidine syrup	Bottle		
f1_1412_19	Névirapine sirop	flacon	19	nevirapine syrup	Bottle		
f1_1412_20	Névirapine comprimés	boîte	20	nevirapine tablets	Box		
f1_1412_21	Ténofovir comprimés	boîte	21	tenofovir tablets	Box		
f1_1412_22	Efavirenz comprimés	boîte	22	efavirenz tablets	Box		
f1_1412_23	Stavudine comprimés	boîte	23	stavudine tablets	Box		
f1_1412_24	Lamuvudine comprimés	boîte	24	lamivudine tablets	Box		
f1_1412_25	Lopinavir	boîte	25	lopinavir	Box		
f1_1412_26	Ritonavir comprimés	boîte	26	ritonavir tablets	Box		
f1_1412_27	Emtricitabine/Ténofovir (truvada) comprimés	boîte	27	Emtricitabine / Tenofovir (truvada) tablets	Box		
f1_1412_28	Lopinavir/Ritonavir (Aluvia) comprimés	boîte	28	Lopinavir / Ritonavir (Aluvia) tablets	Box		
f1_1412_29	Ampicilline	ampoule	29	Ampicillin	Ampoule		
f1_1412_30	Benzathine Benzypénicilline	ampoule	30	benzathine benzylpenicillin	Ampoule		
f1_1412_31	Phénoxy méthylpenicilline	plaquette	31	phenoxymethylpenicillin	booklet		
f1_1412_32	Ceftriaxone	ampoule	32	ceftriaxone	ampoule		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1412_33	Ciprofloxacin	plaquette	33	ciprofloxacin	booklet		
f1_1412_34	Cloxacilline	plaquette	34	Cloxacillin	booklet		
f1_1412_35	Erythromycine	plaquette	35	erythromycin	booklet		
f1_1412_36	Mebendazole	plaquette	36	Mebendazole	booklet		
f1_1412_37	Fluconazole	plaquette	37	fluconazole	booklet		
f1_1412_38	Metronidazole comprimés	plaquette	38	metronidazole tablets	booklet		
f1_1412_39	Metronidazole (sirop)	Flacon	39	Metronidazole (syrup)	Bottle		
f1_1412_40	Miconazole crème	tube	40	miconazole cream	tube		
f1_1412_41	Furosémide	ampoule	41	furosemide	ampoule		
f1_1412_42	Hydrocortisone	ampoule	42	Hydrocortison	ampoule		
f1_1412_43	Polyvidoneiodée	flacon	43	Polyvidoneiodée	Bottle		
f1_1412_44	Alcool éthylique (96%)	flacon	44	Ethyl alcohol (96%)	Bottle		
f1_1412_45	Compresse	Paquet	45	compress	Packet		
f1_1412_46	Coton	sachet	46	Coton	sachet		
f1_1412_47	Gants chirurgicaux	paquets	47	surgical gloves	Packet		
f1_1412_48	Intranul	1 unité	48	Intranul	1 unit		
f1_1412_49	Perfuseur	1 unité	49	Infusion	1 unit		
f1_1412_50	Seringue	1 unité	50	Syringe	1 unit		
f1_1412_51	Acyclovir	plaquette	51	acyclovir	booklet		
f1_1412_52	Phenobarbital	ampoule	52	Phenobarbiton	ampoule		
f1_1412_53	Aspirine comprimés	plaquette	53	aspirin tablets	booklet		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1412_54	Ibuprofène comprimés	plaquette	54	ibuprofen tablets	booklet		
f1_1412_55	Butylscopolamine	ampoule	55	butylscopolamine	ampoule		
f1_1412_56	Métoclopramide	ampoule	56	metoclopramide	ampoule		
Planning familial							
f1_1412_57	Préservatif féminin	1 unité	57	female condom	1 unit		
f1_1412_58	Préservatif masculin	1 unité	58	male condom	1 unit		
f1_1412_59	Diaphragme	1 unité	59	diaphragm	1 unit		
f1_1412_60	Progestérone seul (Ovrette)	Plaquette	60	Progesterone alone (Ovrette)	Packet		
f1_1412_61	Contraception orale combinée (Lo-femenal)	Plaquette	61	Combined oral contraceptives (Lo-Femenal)	Packet		
f1_1412_62	Contraception d'urgence (Norlevo)	1 unité	62	Emergency Contraception (Levonelle)	1 unit		
f1_1412_63	Depo-provera, ampoule inj.	1 unité	63	Depo-provera, ampoule inj.	1 unit		
f1_1412_64	Jadelle (Norplant, nouvelle formule)	1 unité	64	Jadelle (Norplant, new formula)	1 unit		
f1_1412_65	Dispositif Intra utérine (DIU)	1 unité	65	Intra uterine device (IUD)	1 unit		
Paludisme							
f1_1412_66	Quinine comprimé	1 comprimé	66	quinine tablet	1 tablet		
f1_1412_67	Quinine resorcine injectable 200mg	Injectable	67	Resorcinol injectable quinine 200mg	Injectable		
f1_1412_68	Quinine resorcine injectable 400mg	Injectable	68	Resorcinol injectable quinine 400mg	Injectable		
f1_1412_69	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) enfant	plaquette	69	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1412_70	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) ado	plaquette	70	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1412_71	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) adulte	plaquette	71	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1412_72	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	plaquette	72	Concomitant treatment with artemisinin (artesunate +	Packet		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1412_73	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	sirop	73	Concomitant treatment with artemisinin (artesunate +	syrup		
f1_1412_74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	comprimé	74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	tablet		
Tuberculose							
f1_1412_75	Rifampicine	boîte	75	Rifampicin	box		
f1_1412_76	Streptomycine	boîte	76	Streptomycin	box		
f1_1412_77	Isoniazide (INH)	boîte	77	Isoniazid (INH)	box		
f1_1412_78	Pyrazinamide	boîte	78	Pyrazinamide	box		
f1_1412_79	Ethambutol		79	Ethambutol			
f1_1412_80	Kits de diagnostics	kit	80	Diagnostic kits	kit		
Soins obstétricaux d'urgence							
f1_1412_81	Sulfate de Magnésium	Ampoule	81	Magnesium Sulphate	Ampoule		
f1_1412_82	Diazepam Injection	Injectable	82	diazepam Injection	Injectable		
f1_1412_83	Misoprostol	Ampoule	83	misoprostol	Ampoule		
f1_1412_84	Oxytocine	Ampoule	84	Oxytocin	Ampoule		
f1_1412_85	Gluconate de calcium	Ampoule	85	Calcium gluconate	Ampoule		
f1_1412_86	Hydralazine injectable	Ampoule	86	hydralazine injection	Ampoule		
f1_1412_87	Dexamethasone	Ampoule	87	dexamethasone	Ampoule		
f1_1412_88	Betamethasone	Ampoule	88	Betamethasone	Ampoule		
f1_1412_89	Lidocaine	Ampoule	89	Lidocaine	Ampoule		
f1_1412_90	Vitamine K	Ampoule	90	Vitamin K	Ampoule		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1412_91	Bacille Calmette-Guérin (BCG)	1 dose	91	Bacille Calmette-Guérin (BCG)	1 dose		
f1_1412_92	Vaccin oral contre la Polio	1 dose	92	Oral vaccine against polio	1 dose		
f1_1412_93	Toxoïde Tétanique (VAT)	1 dose	93	Tetanus toxoid (TT)	1 dose		
f1_1412_94	Pentavalent (DTC, l'hépatite B, Haemophilus influenzae B)	1 dose	94	Pentavalent (DTP, hepatitis B, Haemophilus influenzae B)	1 dose		
f1_1412_95	Vaccin contre la rougeole	1 dose	95	Vaccine against measles	1 dose		
f1_1412_96	Vaccin contre la fièvre jaune	1 dose	96	Vaccine against yellow fever	1 dose		
f1_1412_97	Vaccin contre la méningite	1 dose	97	Vaccine against meningitis	1 dose		
Trousse de diagnostic rapide							
f1_1412_98	Kit de diagnostic rapide du paludisme	1 unité	98	rapid malaria diagnostic kit	1 unit		
f1_1412_99	Kit de dépistage du VIH	1 unité	99	HIV Kit	1 unit		
f1_1412_100	Kit de test biologique de grossesse	1 unité	100	Biological pregnancy test kit	1 unit		
f1_1412_101	Test de syphilis (RPR)	1 unité	101	Syphilis test (RPR)	1 unit		
f1_1412_102	Kit d'analyse des urines (albumine et sucre)	1 unité	102	Kit for urinalysis (albumin and sugar)	1 unit		
f1_1412_103	Kit de transfusion sanguine	1 unité	103	Blood Kit	1 unit		
f1_1412_104	Kit Glycémie	1 unité	104	glucose kit			
f1_1413	A combien est ce que vous vendez la dose de [MÉDICAMENT] aux patients?			How much is that you sell the dose of [DRUG] for patients?			
f1_1413_1	Pommade Tétracycline ophthalmologique	Tube	1	Paracetamol tablets	Tube		
f1_1413_2	Paracetamol comprimés	plaquette	2	Paracetamol (syrup)	booklet		
f1_1413_3	Paracetamol (sirop)	flacon	3	Amoxicillin (tablet or capsule)	Bottle		
f1_1413_4	Amoxicilline (comprimé ou capsule)	plaquette	4	Amoxicillin (tablet or capsule)	booklet		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1413_5	Amoxicilline (sirop)	flacon	5	Amoxicillin (syrup)	Bottle		
f1_1413_6	Solution de réhydratation orale (SRO)	sachet	6	Oral rehydration solution (ORS)	sachet		
f1_1413_7	Fer (avec ou sans acide folique)	plaquette	7	Iron (with or without folic acid)	booklet		
f1_1413_8	Acide folique	plaquette	8	folic Acid	booklet		
f1_1413_9	Cotrimoxazole comprimés	plaquette	9	cotrimoxazole tablets	booklet		
f1_1413_10	Cotrimoxazole sirop	flacon	10	cotrimoxazole syrup	Bottle		
f1_1413_11	Vitamine A	capsule	11	Vitamin A	capsule		
f1_1413_12	Serum physiologique (0,9%)	poche	12	Physiological saline (0.9%)	Pocket		
f1_1413_13	Eau stérile	flacon	13	sterile water	Bottle		
f1_1413_14	Liquide de Ringer	poche	14	Ringer's lactate	Pocket		
f1_1413_15	Serum glucosé isotonique	poche	15	Serum glucose isotonic	Pocket		
f1_1413_16	Serum glucosé hypertonique	poche	16	Serum glucose hypertonic	Pocket		
f1_1413_17	Solution d'hémacel	poche	17	Hémacel of solution	Pocket		
f1_1413_18	Zidovidine sirop	flacon	18	Zidovidine syrup	Bottle		
f1_1413_19	Névirapine sirop	flacon	19	nevirapine syrup	Bottle		
f1_1413_20	Névirapine comprimés	boîte	20	nevirapine tablets	Box		
f1_1413_21	Ténofovir comprimés	boîte	21	tenofovir tablets	Box		
f1_1413_22	Efavirenz comprimés	boîte	22	efavirenz tablets	Box		
f1_1413_23	Stavudine comprimés	boîte	23	stavudine tablets	Box		
f1_1413_24	Lamuvudine comprimés	boîte	24	lamivudine tablets	Box		
f1_1413_25	Lopinavir	boîte	25	lopinavir	Box		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1413_26	Ritonavir comprimés	boîte	26	ritonavir tablets	Box		
f1_1413_27	Emtricitabine/Ténofovir (truvada) comprimés	boîte	27	Emtricitabine / Tenofovir (truvada) tablets	Box		
f1_1413_28	Lopinavir/Ritonavir (Aluvia) comprimés	boîte	28	Lopinavir / Ritonavir (Aluvia) tablets	Box		
f1_1413_29	Ampicilline	ampoule	29	Ampicillin	Ampoule		
f1_1413_30	Benzathine Benzypénicilline	ampoule	30	benzathine benzylpenicillin	Ampoule		
f1_1413_31	Phénoxyméthylpenicilline	plaquette	31	phenoxymethylpenicillin	booklet		
f1_1413_32	Ceftriaxone	ampoule	32	ceftriaxone	ampoule		
f1_1413_33	Ciprofloxacin	plaquette	33	ciprofloxacin	booklet		
f1_1413_34	Cloxacilline	plaquette	34	Cloxacillin	booklet		
f1_1413_35	Erythromycine	plaquette	35	erythromycin	booklet		
f1_1413_36	Mebendazole	plaquette	36	Mebendazole	booklet		
f1_1413_37	Fluconazole	plaquette	37	fluconazole	booklet		
f1_1413_38	Metronidazole comprimés	plaquette	38	metronidazole tablets	booklet		
f1_1413_39	Metronidazole (sirop)	Flacon	39	Metronidazole (syrup)	Bottle		
f1_1413_40	Miconazole crème	tube	40	miconazole cream	tube		
f1_1413_41	Furosémide	ampoule	41	furosemide	ampoule		
f1_1413_42	Hydrocortisone	ampoule	42	Hydrocortison	ampoule		
f1_1413_43	Polyvidoneiodée	flacon	43	Polyvidoneiodée	Bottle		
f1_1413_44	Alcool éthylique (96%)	flacon	44	Ethyl alcohol (96%)	Bottle		
f1_1413_45	Compresse	Paquet	45	compress	Packet		
f1_1413_46	Coton	sachet	46	Coton	sachet		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1413_47	Gants chirurgicaux	paquets	47	surgical gloves	Packet		
f1_1413_48	Intranul	1 unité	48	Intranul	1 unit		
f1_1413_49	Perfuseur	1 unité	49	Infusion	1 unit		
f1_1413_50	Seringue	1 unité	50	Syringe	1 unit		
f1_1413_51	Acyclovir	plaquette	51	acyclovir	booklet		
f1_1413_52	Phenobarbital	ampoule	52	Phenobarbiton	ampoule		
f1_1413_53	Aspirine comprimés	plaquette	53	aspirin tablets	booklet		
f1_1413_54	Ibuprofène comprimés	plaquette	54	ibuprofen tablets	booklet		
f1_1413_55	Butylscopolamine	ampoule	55	butylscopolamine	ampoule		
f1_1413_56	Métoclopramide	ampoule	56	metoclopramide	ampoule		
Planning familial							
f1_1413_57	Préservatif féminin	1 unité	57	female condom	1 unit		
f1_1413_58	Préservatif masculin	1 unité	58	male condom	1 unit		
f1_1413_59	Diaphragme	1 unité	59	diaphragm	1 unit		
f1_1413_60	Progestérone seul (Ovrette)	Plaquette	60	Progesterone alone (Ovrette)	Packet		
f1_1413_61	Contraception orale combinée (Lo-femenal)	Plaquette	61	Combined oral contraceptives (Lo-Femenal)	Packet		
f1_1413_62	Contraception d'urgence (Norlevo)	1 unité	62	Emergency Contraception (Levonelle)	1 unit		
f1_1413_63	Depo-provera, ampoule inj.	1 unité	63	Depo-provera, ampoule inj.	1 unit		
f1_1413_64	Jadelle (Norplant, nouvelle formule)	1 unité	64	Jadelle (Norplant, new formula)	1 unit		
f1_1413_65	Dispositif Intra utérine (DIU)	1 unité	65	Intra uterine device (IUD)	1 unit		
Paludisme							

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1413_66	Quinine comprimé	1 comprimé	66	quinine tablet	1 tablet		
f1_1413_67	Quinine resorcine injectable 200mg	Injectable	67	Resorcinol injectable quinine 200mg	Injectable		
f1_1413_68	Quinine resorcine injectable 400mg	Injectable	68	Resorcinol injectable quinine 400mg	Injectable		
f1_1413_69	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) enfant	plaquette	69	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1413_70	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) ado	plaquette	70	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1413_71	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) adulte	plaquette	71	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1413_72	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	plaquette	72	Concomitant treatment with artemisinin (artesunate + lumefantrine)	Packet		
f1_1413_73	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	sirop	73	Concomitant treatment with artemisinin (artesunate + lumefantrine)	syrup		
f1_1413_74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	comprimé	74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	tablet		
Tuberculose							
f1_1413_75	Rifampicine	boîte	75	Rifampicin	box		
f1_1413_76	Streptomycine	boîte	76	Streptomycin	box		
f1_1413_77	Isoniazide (INH)	boîte	77	Isoniazid (INH)	box		
f1_1413_78	Pyrazinamide	boîte	78	Pyrazinamide	box		
f1_1413_79	Ethambutol		79	Ethambutol			
f1_1413_80	Kits de diagnostics	kit	80	Diagnostic kits	kit		
Soins obstétricaux d'urgence							
f1_1413_81	Sulfate de Magnésium	Ampoule	81	Magnesium Sulphate	Ampoule		
f1_1413_82	Diazepam Injection	Injectable	82	diazepam Injection	Injectable		
f1_1413_83	Misoprostol	Ampoule	83	misoprostol	Ampoule		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1413_84	Oxytocine	Ampoule	84	Oxytocin	Ampoule		
f1_1413_85	Gluconate de calcium	Ampoule	85	Calcium gluconate	Ampoule		
f1_1413_86	Hydralazine injectable	Ampoule	86	hydralazine injection	Ampoule		
f1_1413_87	Dexamethasone	Ampoule	87	dexamethasone	Ampoule		
f1_1413_88	Betamethasone	Ampoule	88	Betamethasone	Ampoule		
f1_1413_89	Lidocaine	Ampoule	89	Lidocaine	Ampoule		
f1_1413_90	Vitamine K	Ampoule	90	Vitamin K	Ampoule		
Vaccins							
f1_1413_91	Bacille Calmette-Guérin (BCG)	1 dose	91	Bacille Calmette-Guérin (BCG)	1 dose		
f1_1413_92	Vaccin oral contre la Polio	1 dose	92	Oral vaccine against polio	1 dose		
f1_1413_93	Toxoïde Tétanique (VAT)	1 dose	93	Tetanus toxoid (TT)	1 dose		
f1_1413_94	Pentavalent (DTC, l'hépatite B, Haemophilus influenzae B)	1 dose	94	Pentavalent (DTP, hepatitis B, Haemophilus influenzae B)	1 dose		
f1_1413_95	Vaccin contre la rougeole	1 dose	95	Vaccine against measles	1 dose		
f1_1413_96	Vaccin contre la fièvre jaune	1 dose	96	Vaccine against yellow fever	1 dose		
f1_1413_97	Vaccin contre la méningite	1 dose	97	Vaccine against meningitis	1 dose		
Trousse de diagnostic rapide							
f1_1413_98	Kit de diagnostic rapide du paludisme	1 unité	98	rapid malaria diagnostic kit	1 unit		
f1_1413_99	Kit de dépistage du VIH	1 unité	99	HIV Kit	1 unit		
f1_1413_100	Kit de test biologique de grossesse	1 unité	100	Biological pregnancy test kit	1 unit		
f1_1413_101	Test de syphilis (RPR)	1 unité	101	Syphilis test (RPR)	1 unit		
f1_1413_102	Kit d'analyse des urines (albumine et sucre)	1 unité	102	Kit for urinalysis (albumin and sugar)	1 unit		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1413_103	Kit de transfusion sanguine	1 unité	103	Blood Kit	1 unit		
f1_1413_104	Kit Glycémie	1 unité	104	glucose kit			
				How much of [DRUG] is in stock now?		IF NOT, AND NOTE ► 00 (14.16)	
f1_1414	Quelle quantité de [MÉDICAMENT] est disponible en stock en ce moment?						
f1_1414_1	Pommade Tétracycline ophthalmologique	Tube	1	Paracetamol tablets	Tube		
f1_1414_2	Paracetamol comprimés	plaquette	2	Paracetamol (syrup)	booklet		
f1_1414_3	Paracetamol (sirop)	flacon	3	Amoxicillin (tablet or capsule)	Bottle		
f1_1414_4	Amoxicilline (comprimé ou capsule)	plaquette	4	Amoxicillin (tablet or capsule)	booklet		
f1_1414_5	Amoxicilline (sirop)	flacon	5	Amoxicillin (syrup)	Bottle		
f1_1414_6	Solution de réhydratation orale (SRO)	sachet	6	Oral rehydration solution (ORS)	sachet		
f1_1414_7	Fer (avec ou sans acide folique)	plaquette	7	Iron (with or without folic acid)	booklet		
f1_1414_8	Acide folique	plaquette	8	folic Acid	booklet		
f1_1414_9	Cotrimoxazole comprimés	plaquette	9	cotrimoxazole tablets	booklet		
f1_1414_10	Cotrimoxazole sirop	flacon	10	cotrimoxazole syrup	Bottle		
f1_1414_11	Vitamine A	capsule	11	Vitamin A	capsule		
f1_1414_12	Serum physiologique (0,9%)	poche	12	Physiological saline (0.9%)	Pocket		
f1_1414_13	Eau stérile	flacon	13	sterile water	Bottle		
f1_1414_14	Liquide de Ringer	poche	14	Ringer's lactate	Pocket		
f1_1414_15	Serum glucosé isotonique	poche	15	Serum glucose isotonic	Pocket		
f1_1414_16	Serum glucosé hypertonique	poche	16	Serum glucose hypertonic	Pocket		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1414_17	Solution d'hémacel	poche	17	Hémacel of solution	Pocket		
f1_1414_18	Zidovidine sirop	flacon	18	Zidovidine syrup	Bottle		
f1_1414_19	Névirapine sirop	flacon	19	nevirapine syrup	Bottle		
f1_1414_20	Névirapine comprimés	boîte	20	nevirapine tablets	Box		
f1_1414_21	Ténofovir comprimés	boîte	21	tenofovir tablets	Box		
f1_1414_22	Efavirenz comprimés	boîte	22	efavirenz tablets	Box		
f1_1414_23	Stavudine comprimés	boîte	23	stavudine tablets	Box		
f1_1414_24	Lamuvudine comprimés	boîte	24	lamivudine tablets	Box		
f1_1414_25	Lopinavir	boîte	25	lopinavir	Box		
f1_1414_26	Ritonavir comprimés	boîte	26	ritonavir tablets	Box		
f1_1414_27	Emtricitabine/Ténofovir (truvada) comprimés	boîte	27	Emtricitabine / Tenofovir (truvada) tablets	Box		
f1_1414_28	Lopinavir/Ritonavir (Aluvia) comprimés	boîte	28	Lopinavir / Ritonavir (Aluvia) tablets	Box		
f1_1414_29	Ampicilline	ampoule	29	Ampicillin	Ampoule		
f1_1414_30	Benzathine Benzypénicilline	ampoule	30	benzathine benzylpenicillin	Ampoule		
f1_1414_31	Phénoxyméthylpenicilline	plaquette	31	phenoxymethylpenicillin	booklet		
f1_1414_32	Ceftriaxone	ampoule	32	ceftriaxone	ampoule		
f1_1414_33	Ciprofloxacine	plaquette	33	ciprofloxacin	booklet		
f1_1414_34	Cloxacilline	plaquette	34	Cloxacillin	booklet		
f1_1414_35	Erythromycine	plaquette	35	erythromycin	booklet		
f1_1414_36	Mebendazole	plaquette	36	Mebendazole	booklet		
f1_1414_37	Fluconazole	plaquette	37	fluconazole	booklet		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1414_38	Metronidazole comprimés	plaquette	38	metronidazole tablets	booklet		
f1_1414_39	Metronidazole (sirop)	Flacon	39	Metronidazole (syrup)	Bottle		
f1_1414_40	Miconazole crème	tube	40	miconazole cream	tube		
f1_1414_41	Furosémide	ampoule	41	furosemide	ampoule		
f1_1414_42	Hydrocortisone	ampoule	42	Hydrocortison	ampoule		
f1_1414_43	Polyvidoneiodée	flacon	43	Polyvidoneiodée	Bottle		
f1_1414_44	Alcool éthylique (96%)	flacon	44	Ethyl alcohol (96%)	Bottle		
f1_1414_45	Compresse	Paquet	45	compress	Packet		
f1_1414_46	Coton	sachet	46	Coton	sachet		
f1_1414_47	Gants chirurgicaux	paquets	47	surgical gloves	Packet		
f1_1414_48	Intranul	1 unité	48	Intranul	1 unit		
f1_1414_49	Perfuseur	1 unité	49	Infusion	1 unit		
f1_1414_50	Seringue	1 unité	50	Syringe	1 unit		
f1_1414_51	Acyclovir	plaquette	51	acyclovir	booklet		
f1_1414_52	Phenobarbital	ampoule	52	Phenobarbiton	ampoule		
f1_1414_53	Aspirine comprimés	plaquette	53	aspirin tablets	booklet		
f1_1414_54	Ibuprofène comprimés	plaquette	54	ibuprofen tablets	booklet		
f1_1414_55	Butylscopolamine	ampoule	55	butylscopolamine	ampoule		
f1_1414_56	Métoclopramide	ampoule	56	metoclopramide	ampoule		
Planning familial							
f1_1414_57	Préservatif féminin	1 unité	57	female condom	1 unit		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1414_58	Préservatif masculin	1 unité	58	male condom	1 unit		
f1_1414_59	Diaphragme	1 unité	59	diaphragm	1 unit		
f1_1414_60	Progestérone seul (Ovrette)	Plaquette	60	Progestérone alone (Ovrette)	Packet		
f1_1414_61	Contraception orale combinée (Lo-femenal)	Plaquette	61	Combined oral contraceptives (Lo-Femenal)	Packet		
f1_1414_62	Contraception d'urgence (Norlevo)	1 unité	62	Emergency Contraception (Levonelle)	1 unit		
f1_1414_63	Depo-provera, ampoule inj.	1 unité	63	Depo-provera, ampoule inj.	1 unit		
f1_1414_64	Jadelle (Norplant, nouvelle formule)	1 unité	64	Jadelle (Norplant, new formula)	1 unit		
f1_1414_65	Dispositif Intra utérine (DIU)	1 unité	65	Intra uterine device (IUD)	1 unit		
Paludisme							
f1_1414_66	Quinine comprimé	1 comprimé	66	quinine tablet	1 tablet		
f1_1414_67	Quinine resorcine injectable 200mg	Injectable	67	Resorcinol injectable quinine 200mg	Injectable		
f1_1414_68	Quinine resorcine injectable 400mg	Injectable	68	Resorcinol injectable quinine 400mg	Injectable		
f1_1414_69	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) enfant	plaquette	69	Concomitant treatment with artemisinin (artesanate +	Packet		
f1_1414_70	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) ado	plaquette	70	Concomitant treatment with artemisinin (artesanate +	Packet		
f1_1414_71	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) adulte	plaquette	71	Concomitant treatment with artemisinin (artesanate +	Packet		
f1_1414_72	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	plaquette	72	Concomitant treatment with artemisinin (artesanate +	Packet		
f1_1414_73	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	sirop	73	Concomitant treatment with artemisinin (artesanate +	syrup		
f1_1414_74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	comprimé	74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	tablet		
Tuberculose							
f1_1414_75	Rifampicine	boîte	75	Rifampicin	box		
f1_1414_76	Streptomycine	boîte	76	Streptomycin	box		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1414_77	Isoniazide (INH)	boîte	77	Isoniazid (INH)	box		
f1_1414_78	Pyrazinamide	boîte	78	Pyrazinamide	box		
f1_1414_79	Ethambutol		79	Ethambutol			
f1_1414_80	Kits de diagnostics	kit	80	Diagnostic kits	kit		
Soins obstétricaux d'urgence							
f1_1414_81	Sulfate de Magnésium	Ampoule	81	Magnesium Sulphate	Ampoule		
f1_1414_82	Diazepam Injection	Injectable	82	diazepam Injection	Injectable		
f1_1414_83	Misoprostol	Ampoule	83	misoprostol	Ampoule		
f1_1414_84	Oxytocine	Ampoule	84	Oxytocin	Ampoule		
f1_1414_85	Gluconate de calcium	Ampoule	85	Calcium gluconate	Ampoule		
f1_1414_86	Hydralazine injectable	Ampoule	86	hydralazine injection	Ampoule		
f1_1414_87	Dexamethasone	Ampoule	87	dexamethasone	Ampoule		
f1_1414_88	Betamethasone	Ampoule	88	Betamethasone	Ampoule		
f1_1414_89	Lidocaine	Ampoule	89	Lidocaine	Ampoule		
f1_1414_90	Vitamine K	Ampoule	90	Vitamin K	Ampoule		
f1_1414_91	Bacille Calmette-Guérin (BCG)	1 dose	91	Bacille Calmette-Guérin (BCG)	1 dose		
f1_1414_92	Vaccin oral contre la Polio	1 dose	92	Oral vaccine against polio	1 dose		
f1_1414_93	Toxoïde Tétanique (VAT)	1 dose	93	Tetanus toxoid (TT)	1 dose		
f1_1414_94	Pentavalent (DTC, l'hépatite B, Haemophilus influenzae B)	1 dose	94	Pentavalent (DTP, hepatitis B, Haemophilus influenzae B)	1 dose		
f1_1414_95	Vaccin contre la rougeole	1 dose	95	Vaccine against measles	1 dose		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1414_96	Vaccin contre la fièvre jaune	1 dose	96	Vaccine against yellow fever	1 dose		
f1_1414_97	Vaccin contre la méningite	1 dose	97	Vaccine against meningitis	1 dose		
Trousse de diagnostic rapide							
f1_1414_98	Kit de diagnostic rapide du paludisme	1 unité	98	rapid malaria diagnostic kit	1 unit		
f1_1414_99	Kit de dépistage du VIH	1 unité	99	HIV Kit	1 unit		
f1_1414_100	Kit de test biologique de grossesse	1 unité	100	Biological pregnancy test kit	1 unit		
f1_1414_101	Test de syphilis (RPR)	1 unité	101	Syphilis test (RPR)	1 unit		
f1_1414_102	Kit d'analyse des urines (albumine et sucre)	1 unité	102	Kit for urinalysis (albumin and sugar)	1 unit		
f1_1414_103	Kit de transfusion sanguine	1 unité	103	Blood Kit	1 unit		
f1_1414_104	Kit Glycémie	1 unité	104	glucose kit			
	Pendant les 30 derniers jours, y a-t-il eu rupture de stock de ce médicament à un moment donné?			During the past 30 days, this drug has been out for how many days?		Yes =1 , No = 2, ► NEXT MEDICINE	
f1_1415							
f1_1415_1	Pommade Tétracycline ophthalmologique	Tube	1	Paracetamol tablets	Tube		
f1_1415_2	Paracetamol comprimés	plaquette	2	Paracetamol (syrup)	booklet		
f1_1415_3	Paracetamol (sirop)	flacon	3	Amoxicillin (tablet or capsule)	Bottle		
f1_1415_4	Amoxicilline (comprimé ou capsule)	plaquette	4	Amoxicillin (tablet or capsule)	booklet		
f1_1415_5	Amoxicilline (sirop)	flacon	5	Amoxicillin (syrup)	Bottle		
f1_1415_6	Solution de réhydratation orale (SRO)	sachet	6	Oral rehydration solution (ORS)	sachet		
f1_1415_7	Fer (avec ou sans acide folique)	plaquette	7	Iron (with or without folic acid)	booklet		
f1_1415_8	Acide folique	plaquette	8	folic Acid	booklet		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1415_9	Cotrimoxazole comprimés	plaquette	9	cotrimoxazole tablets	booklet		
f1_1415_10	Cotrimoxazole sirop	flacon	10	cotrimoxazole syrup	Bottle		
f1_1415_11	Vitamine A	capsule	11	Vitamin A	capsule		
f1_1415_12	Serum physiologique (0,9%)	poche	12	Physiological saline (0.9%)	Pocket		
f1_1415_13	Eau stérile	flacon	13	sterile water	Bottle		
f1_1415_14	Liquide de Ringer	poche	14	Ringer's lactate	Pocket		
f1_1415_15	Serum glucosé isotonique	poche	15	Serum glucose isotonic	Pocket		
f1_1415_16	Serum glucosé hypertonique	poche	16	Serum glucose hypertonic	Pocket		
f1_1415_17	Solution d'hémacel	poche	17	Hémacel of solution	Pocket		
f1_1415_18	Zidovidine sirop	flacon	18	Zidovidine syrup	Bottle		
f1_1415_19	Névirapine sirop	flacon	19	nevirapine syrup	Bottle		
f1_1415_20	Névirapine comprimés	boîte	20	nevirapine tablets	Box		
f1_1415_21	Ténofovir comprimés	boîte	21	tenofovir tablets	Box		
f1_1415_22	Efavirenz comprimés	boîte	22	efavirenz tablets	Box		
f1_1415_23	Stavudine comprimés	boîte	23	stavudine tablets	Box		
f1_1415_24	Lamuvudine comprimés	boîte	24	lamivudine tablets	Box		
f1_1415_25	Lopinavir	boîte	25	lopinavir	Box		
f1_1415_26	Ritonavir comprimés	boîte	26	ritonavir tablets	Box		
f1_1415_27	Emtricitabine/Ténofovir (truvada) comprimés	boîte	27	Emtricitabine / Tenofovir (truvada) tablets	Box		
f1_1415_28	Lopinavir/Ritonavir (Aluvia) comprimés	boîte	28	Lopinavir / Ritonavir (Aluvia) tablets	Box		
f1_1415_29	Ampicilline	ampoule	29	Ampicillin	Ampoule		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1415_30	Benzathine Benzypénicilline	ampoule	30	benzathine benzylpenicillin	Ampoule		
f1_1415_31	Phénoxyméthylpenicilline	plaquette	31	phenoxymethylpenicillin	booklet		
f1_1415_32	Ceftriaxone	ampoule	32	ceftriaxone	ampoule		
f1_1415_33	Ciprofloxacine	plaquette	33	ciprofloxacin	booklet		
f1_1415_34	Cloxacilline	plaquette	34	Cloxacillin	booklet		
f1_1415_35	Erythromycine	plaquette	35	erythromycin	booklet		
f1_1415_36	Mebendazole	plaquette	36	Mebendazole	booklet		
f1_1415_37	Fluconazole	plaquette	37	fluconazole	booklet		
f1_1415_38	Metronidazole comprimés	plaquette	38	metronidazole tablets	booklet		
f1_1415_39	Metronidazole (sirop)	Flacon	39	Metronidazole (syrup)	Bottle		
f1_1415_40	Miconazole crème	tube	40	miconazole cream	tube		
f1_1415_41	Furosémide	ampoule	41	furosemide	ampoule		
f1_1415_42	Hydrocortisone	ampoule	42	Hydrocortison	ampoule		
f1_1415_43	Polyvidoneiodée	flacon	43	Polyvidoneiodée	Bottle		
f1_1415_44	Alcool éthylique (96%)	flacon	44	Ethyl alcohol (96%)	Bottle		
f1_1415_45	Compresse	Paquet	45	compress	Packet		
f1_1415_46	Coton	sachet	46	Coton	sachet		
f1_1415_47	Gants chirurgicaux	paquets	47	surgical gloves	Packet		
f1_1415_48	Intranul	1 unité	48	Intranul	1 unit		
f1_1415_49	Perfuseur	1 unité	49	Infusion	1 unit		
f1_1415_50	Seringue	1 unité	50	Syringe	1 unit		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1415_51	Acyclovir	plaquette	51	acyclovir	booklet		
f1_1415_52	Phenobarbital	ampoule	52	Phenobarbiton	ampoule		
f1_1415_53	Aspirine comprimés	plaquette	53	aspirin tablets	booklet		
f1_1415_54	Ibuprofène comprimés	plaquette	54	ibuprofen tablets	booklet		
f1_1415_55	Butylscopolamine	ampoule	55	butylscopolamine	ampoule		
f1_1415_56	Métoclopramide	ampoule	56	metoclopramide	ampoule		
Planning familial							
f1_1415_57	Préservatif féminin	1 unité	57	female condom	1 unit		
f1_1415_58	Préservatif masculin	1 unité	58	male condom	1 unit		
f1_1415_59	Diaphragme	1 unité	59	diaphragm	1 unit		
f1_1415_60	Progesterone seul (Ovrette)	Plaquette	60	Progesterone alone (Ovrette)	Packet		
f1_1415_61	Contraception orale combinée (Lo-femenal)	Plaquette	61	Combined oral contraceptives (Lo-Femenal)	Packet		
f1_1415_62	Contraception d'urgence (Norlevo)	1 unité	62	Emergency Contraception (Levonelle)	1 unit		
f1_1415_63	Depo-provera, ampoule inj.	1 unité	63	Depo-provera, ampoule inj.	1 unit		
f1_1415_64	Jadelle (Norplant, nouvelle formule)	1 unité	64	Jadelle (Norplant, new formula)	1 unit		
f1_1415_65	Dispositif Intra utérine (DIU)	1 unité	65	Intra uterine device (IUD)	1 unit		
Paludisme							
f1_1415_66	Quinine comprimé	1 comprimé	66	quinine tablet	1 tablet		
f1_1415_67	Quinine resorcine injectable 200mg	Injectable	67	Resorcinol injectable quinine 200mg	Injectable		
f1_1415_68	Quinine resorcine injectable 400mg	Injectable	68	Resorcinol injectable quinine 400mg	Injectable		
f1_1415_69	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) enfant	plaquette	69	Concomitant treatment with artemisinin (artesunate +	Packet		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1415_70	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) ado	plaque	70	Concomitant treatment with artemisinin (artesianate +	Packet		
f1_1415_71	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) adulte	plaque	71	Concomitant treatment with artemisinin (artesianate +	Packet		
f1_1415_72	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	plaque	72	Concomitant treatment with artemisinin (artesianate +	Packet		
f1_1415_73	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	sirop	73	Concomitant treatment with artemisinin (artesianate +	syrup		
f1_1415_74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	comprimé	74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	tablet		
Tuberculose							
f1_1415_75	Rifampicine	boîte	75	Rifampicin	box		
f1_1415_76	Streptomycine	boîte	76	Streptomycin	box		
f1_1415_77	Isoniazide (INH)	boîte	77	Isoniazid (INH)	box		
f1_1415_78	Pyrazinamide	boîte	78	Pyrazinamide	box		
f1_1415_79	Ethambutol		79	Ethambutol			
f1_1415_80	Kits de diagnostics	kit	80	Diagnostic kits	kit		
Soins obstétricaux d'urgence							
f1_1415_81	Sulfate de Magnésium	Ampoule	81	Magnesium Sulphate	Ampoule		
f1_1415_82	Diazepam Injection	Injectable	82	diazepam Injection	Injectable		
f1_1415_83	Misoprostol	Ampoule	83	misoprostol	Ampoule		
f1_1415_84	Oxytocine	Ampoule	84	Oxytocin	Ampoule		
f1_1415_85	Gluconate de calcium	Ampoule	85	Calcium gluconate	Ampoule		
f1_1415_86	Hydralazine injectable	Ampoule	86	hydralazine injection	Ampoule		
f1_1415_87	Dexamethasone	Ampoule	87	dexamethasone	Ampoule		
f1_1415_88	Betamethasone	Ampoule	88	Betamethasone	Ampoule		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1415_89	Lidocaine	Ampoule	89	Lidocaine	Ampoule		
f1_1415_90	Vitamine K	Ampoule	90	Vitamin K	Ampoule		
f1_1415_91	Bacille Calmette-Guérin (BCG)	1 dose	91	Bacille Calmette-Guérin (BCG)	1 dose		
f1_1415_92	Vaccin oral contre la Polio	1 dose	92	Oral vaccine against polio	1 dose		
f1_1415_93	Toxoïde Tétanique (VAT)	1 dose	93	Tetanus toxoid (TT)	1 dose		
f1_1415_94	Pentavalent (DTC, l'hépatite B, Haemophilus influenzae B)	1 dose	94	Pentavalent (DTP, hepatitis B, Haemophilus influenzae B)	1 dose		
f1_1415_95	Vaccin contre la rougeole	1 dose	95	Vaccine against measles	1 dose		
f1_1415_96	Vaccin contre la fièvre jaune	1 dose	96	Vaccine against yellow fever	1 dose		
f1_1415_97	Vaccin contre la méningite	1 dose	97	Vaccine against meningitis	1 dose		
Trousse de diagnostic rapide							
f1_1415_98	Kit de diagnostic rapide du paludisme	1 unité	98	rapid malaria diagnostic kit	1 unit		
f1_1415_99	Kit de dépistage du VIH	1 unité	99	HIV Kit	1 unit		
f1_1415_100	Kit de test biologique de grossesse	1 unité	100	Biological pregnancy test kit	1 unit		
f1_1415_101	Test de syphilis (RPR)	1 unité	101	Syphilis test (RPR)	1 unit		
f1_1415_102	Kit d'analyse des urines (albumine et sucre)	1 unité	102	Kit for urinalysis (albumin and sugar)	1 unit		
f1_1415_103	Kit de transfusion sanguine	1 unité	103	Blood Kit	1 unit		
f1_1415_104	Kit Glycémie	1 unité	104	glucose kit			
	Pendant les 30 derniers jours, ce médicament a été en rupture durant combien de jours?			During the past 30 days, this drug has been out for how many days?			
f1_1416							

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1416_1	Pommade Tétracycline ophthalmologique	Tube	1	Paracetamol tablets	Tube		
f1_1416_2	Paracetamol comprimés	plaquette	2	Paracetamol (syrup)	booklet		
f1_1416_3	Paracetamol (sirop)	flacon	3	Amoxicillin (tablet or capsule)	Bottle		
f1_1416_4	Amoxicilline (comprimé ou capsule)	plaquette	4	Amoxicillin (tablet or capsule)	booklet		
f1_1416_5	Amoxicilline (sirop)	flacon	5	Amoxicillin (syrup)	Bottle		
f1_1416_6	Solution de réhydratation orale (SRO)	sachet	6	Oral rehydration solution (ORS)	sachet		
f1_1416_7	Fer (avec ou sans acide folique)	plaquette	7	Iron (with or without folic acid)	booklet		
f1_1416_8	Acide folique	plaquette	8	folic Acid	booklet		
f1_1416_9	Cotrimoxazole comprimés	plaquette	9	cotrimoxazole tablets	booklet		
f1_1416_10	Cotrimoxazole sirop	flacon	10	cotrimoxazole syrup	Bottle		
f1_1416_11	Vitamine A	capsule	11	Vitamin A	capsule		
f1_1416_12	Serum physiologique (0,9%)	poche	12	Physiological saline (0.9%)	Pocket		
f1_1416_13	Eau stérile	flacon	13	sterile water	Bottle		
f1_1416_14	Liquide de Ringer	poche	14	Ringer's lactate	Pocket		
f1_1416_15	Serum glucosé isotonique	poche	15	Serum glucose isotonic	Pocket		
f1_1416_16	Serum glucosé hypertonique	poche	16	Serum glucose hypertonic	Pocket		
f1_1416_17	Solution d'hémacel	poche	17	Hémacel of solution	Pocket		
f1_1416_18	Zidovidine sirop	flacon	18	Zidovidine syrup	Bottle		
f1_1416_19	Névirapine sirop	flacon	19	nevirapine syrup	Bottle		
f1_1416_20	Névirapine comprimés	boîte	20	nevirapine tablets	Box		
f1_1416_21	Ténofovir comprimés	boîte	21	tenofovir tablets	Box		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1416_22	Efavirenz comprimés	boîte	22	efavirenz tablets	Box		
f1_1416_23	Stavudine comprimés	boîte	23	stavudine tablets	Box		
f1_1416_24	Lamuvudine comprimés	boîte	24	lamivudine tablets	Box		
f1_1416_25	Lopinavir	boîte	25	lopinavir	Box		
f1_1416_26	Ritonavir comprimés	boîte	26	ritonavir tablets	Box		
f1_1416_27	Emtricitabine/Ténofovir (truvada) comprimés	boîte	27	Emtricitabine / Tenofovir (truvada) tablets	Box		
f1_1416_28	Lopinavir/Ritonavir (Aluvia) comprimés	boîte	28	Lopinavir / Ritonavir (Aluvia) tablets	Box		
f1_1416_29	Ampicilline	ampoule	29	Ampicillin	Ampoule		
f1_1416_30	Benzathine Benzypénicilline	ampoule	30	benzathine benzylpenicillin	Ampoule		
f1_1416_31	Phénoxy méthylpenicilline	plaquette	31	phenoxymethylpenicillin	booklet		
f1_1416_32	Ceftriaxone	ampoule	32	ceftriaxone	ampoule		
f1_1416_33	Ciprofloxacine	plaquette	33	ciprofloxacin	booklet		
f1_1416_34	Cloxacilline	plaquette	34	Cloxacillin	booklet		
f1_1416_35	Erythromycine	plaquette	35	erythromycin	booklet		
f1_1416_36	Mebendazole	plaquette	36	Mebendazole	booklet		
f1_1416_37	Fluconazole	plaquette	37	fluconazole	booklet		
f1_1416_38	Metronidazole comprimés	plaquette	38	metronidazole tablets	booklet		
f1_1416_39	Metronidazole (sirop)	Flacon	39	Metronidazole (syrup)	Bottle		
f1_1416_40	Miconazole crème	tube	40	miconazole cream	tube		
f1_1416_41	Furosémide	ampoule	41	furosemide	ampoule		
f1_1416_42	Hydrocortisone	ampoule	42	Hydrocortison	ampoule		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1416_43	Polyvidoneiodée	flacon	43	Polyvidoneiodée	Bottle		
f1_1416_44	Alcool éthylique (96%)	flacon	44	Ethyl alcohol (96%)	Bottle		
f1_1416_45	Compresse	Paquet	45	compress	Packet		
f1_1416_46	Coton	sachet	46	Coton	sachet		
f1_1416_47	Gants chirurgicaux	paquets	47	surgical gloves	Packet		
f1_1416_48	Intranul	1 unité	48	Intranul	1 unit		
f1_1416_49	Perfuseur	1 unité	49	Infusion	1 unit		
f1_1416_50	Seringue	1 unité	50	Syringe	1 unit		
f1_1416_51	Acyclovir	plaquette	51	acyclovir	booklet		
f1_1416_52	Phenobarbital	ampoule	52	Phenobarbiton	ampoule		
f1_1416_53	Aspirine comprimés	plaquette	53	aspirin tablets	booklet		
f1_1416_54	Ibuprofène comprimés	plaquette	54	ibuprofen tablets	booklet		
f1_1416_55	Butylscopolamine	ampoule	55	butylscopolamine	ampoule		
f1_1416_56	Métoclopramide	ampoule	56	metoclopramide	ampoule		
Planning familial							
f1_1416_57	Préservatif féminin	1 unité	57	female condom	1 unit		
f1_1416_58	Préservatif masculin	1 unité	58	male condom	1 unit		
f1_1416_59	Diaphragme	1 unité	59	diaphragm	1 unit		
f1_1416_60	Progesterone seul (Ovrette)	Plaquette	60	Progesterone alone (Ovrette)	Packet		
f1_1416_61	Contraception orale combinée (Lo-femenal)	Plaquette	61	Combined oral contraceptives (Lo-Femenal)	Packet		
f1_1416_62	Contraception d'urgence (Norlevo)	1 unité	62	Emergency Contraception (Levonelle)	1 unit		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1416_63	Depo-provera, ampoule inj.	1 unité	63	Depo-provera, ampoule inj.	1 unit		
f1_1416_64	Jadelle (Norplant, nouvelle formule)	1 unité	64	Jadelle (Norplant, new formula)	1 unit		
f1_1416_65	Dispositif Intra utérine (DIU)	1 unité	65	Intra uterine device (IUD)	1 unit		
Paludisme							
f1_1416_66	Quinine comprimé	1 comprimé	66	quinine tablet	1 tablet		
f1_1416_67	Quinine resorcine injectable 200mg	Injectable	67	Resorcinol injectable quinine 200mg	Injectable		
f1_1416_68	Quinine resorcine injectable 400mg	Injectable	68	Resorcinol injectable quinine 400mg	Injectable		
f1_1416_69	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) enfant	plaquette	69	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1416_70	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) ado	plaquette	70	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1416_71	Traitement associé à base d'artémisine (Artésunate+ amodiaquine) adulte	plaquette	71	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1416_72	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	plaquette	72	Concomitant treatment with artemisinin (artesunate +	Packet		
f1_1416_73	Traitement associé à base d'artémisine (Artésunate+ luméfantrine)	sirop	73	Concomitant treatment with artemisinin (artesunate +	syrup		
f1_1416_74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	comprimé	74	Fansidar / Sulfadoxine-Pyrimethamine (SP)	tablet		
Tuberculose							
f1_1416_75	Rifampicine	boîte	75	Rifampicin	box		
f1_1416_76	Streptomycine	boîte	76	Streptomycin	box		
f1_1416_77	Isoniazide (INH)	boîte	77	Isoniazid (INH)	box		
f1_1416_78	Pyrazinamide	boîte	78	Pyrazinamide	box		
f1_1416_79	Ethambutol		79	Ethambutol			
f1_1416_80	Kits de diagnostics	kit	80	Diagnostic kits	kit		
Soins obstétricaux d'urgence							

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1416_81	Sulfate de Magnésium	Ampoule	81	Magnesium Sulphate	Ampoule		
f1_1416_82	Diazepam Injection	Injectable	82	diazepam Injection	Injectable		
f1_1416_83	Misoprostol	Ampoule	83	misoprostol	Ampoule		
f1_1416_84	Oxytocine	Ampoule	84	Oxytocin	Ampoule		
f1_1416_85	Gluconate de calcium	Ampoule	85	Calcium gluconate	Ampoule		
f1_1416_86	Hydralazine injectable	Ampoule	86	hydralazine injection	Ampoule		
f1_1416_87	Dexamethasone	Ampoule	87	dexamethasone	Ampoule		
f1_1416_88	Betamethasone	Ampoule	88	Betamethasone	Ampoule		
f1_1416_89	Lidocaine	Ampoule	89	Lidocaine	Ampoule		
f1_1416_90	Vitamine K	Ampoule	90	Vitamin K	Ampoule		
f1_1416_91	Bacille Calmette-Guérin (BCG)	1 dose	91	Bacille Calmette-Guérin (BCG)	1 dose		
f1_1416_92	Vaccin oral contre la Polio	1 dose	92	Oral vaccine against polio	1 dose		
f1_1416_93	Toxoïde Tétanique (VAT)	1 dose	93	Tetanus toxoid (TT)	1 dose		
f1_1416_94	Pentavalent (DTC, l'hépatite B, Haemophilus influenzae B)	1 dose	94	Pentavalent (DTP, hepatitis B, Haemophilus influenzae B)	1 dose		
f1_1416_95	Vaccin contre la rougeole	1 dose	95	Vaccine against measles	1 dose		
f1_1416_96	Vaccin contre la fièvre jaune	1 dose	96	Vaccine against yellow fever	1 dose		
f1_1416_97	Vaccin contre la méningite	1 dose	97	Vaccine against meningitis	1 dose		
Trousse de diagnostic rapide							
f1_1416_98	Kit de diagnostic rapide du paludisme	1 unité	98	rapid malaria diagnostic kit	1 unit		
f1_1416_99	Kit de dépistage du VIH	1 unité	99	HIV Kit	1 unit		

Questionnaire F1

Variable	QUESTION IN FRENCH	RESPONSE IN FRENCH		QUESTION IN ENGLISH	RESPONSE IN FRENCH	SKIP	REMARKS
f1_1416_100	Kit de test biologique de grossesse	1 unité	100	Biological pregnancy test kit	1 unit		
f1_1416_101	Test de syphilis (RPR)	1 unité	101	Syphilis test (RPR)	1 unit		
f1_1416_102	Kit d'analyse des urines (albumine et sucre)	1 unité	102	Kit for urinalysis (albumin and sugar)	1 unit		
f1_1416_103	Kit de transfusion sanguine	1 unité	103	Blood Kit	1 unit		
f1_1416_104	Kit Glycémie	1 unité	104	glucose kit	1 unit		
f1_1417	Que faites-vous lorsque cette formation sanitaire est en rupture de			What do you do when the clinic is out of drugs such as Coartem, the			
f1_1417_a	a. INFORME LE RESPONSABLE DE LA FORMATION SANITAIRE	Mentionné = 1, Non mentionné =2		INFORMED THE HEAD OF HEALTH EDUCATION			
f1_1417_b	b. APPELE LA PHARMACIE DU DISTRICT/CAMEG	Mentionné = 1, Non mentionné =2		CALLED THE PHARMACY DISTRICT / CAMEG			
f1_1417_c	c. ON APPELE L'ÉQUIPE CADRE DE DISTRICT / EQUIPE DIRECTION CHR	Mentionné = 1, Non mentionné =2		CALLS ON TEAM UNDER DISTRICT / MANAGEMENT TEAM CHR			
f1_1417_d	d. ON ACHÈTE LES MÉDICAMENTS SUR PLACE, PHARMACIES PRIVEES	Mentionné = 1, Non mentionné =2		BUY ON DRUGS ON SITE PRIVATE PHARMACIES			
f1_1417_e	e. ON ACHETE LES MEDICAMENTS AU MARCHÉ DE LA LOCALITÉ	Mentionné = 1, Non mentionné =2		PURCHASED ON DRUGS MARKET OF THE COMMUNITY			
f1_1417_f	f. NOUS DEMANDONS AUX PATIENTS D'ALLER ACHETER AU MARCHÉ DE LA	Mentionné = 1, Non mentionné =2		WE WANT TO BUY TO GO TO PATIENTS ON THE RESORT			
f1_1417_g	g. NOUS ALLONS A LA CAPITALE ACHETER LES MEDICAMENTS	Mentionné = 1, Non mentionné =2		WE'RE GOING TO THE CAPITAL BUY DRUGS			
f1_1417_h	AUTRE	Mentionné = 1, Non mentionné =2		Others			
f1_1417_spec	specifiez			specify			
f1_1418	Au cours des 30 derniers jours, y a-t-il eu rupture de stock de désinfectant (s) dans la formation sanitaire?	Oui=1, NON=2		Over the past 30 days, there he was out of stock disinfectant (s) in the facility?	YES=1, NO=2		
						2 ► END	
f1_1419	Au cours des 30 derniers jours, pendant combien de jours y a-t-il eu			Over the past 30 days, how many days there he was out of stock disinfectant			

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation in French	Recommendation to the fieldworker
Situation Géographique						
REGION	Région:		Region			
ZONETUD	Zone d'étude		Study area			
DISTRICT	District de Santé		Health District			
	Commune		Community			
NIVEAU_FS	Code de la formation sanitaire: Niveau de la Formation sanitaire	Hôpital régional=01; Hopital de District/CMA=02; Centre medical=03; CSPS=04; Dispensaire ou maternite isole=05; Formation sanitaire privee a but lucrative=06; Formation sanitaire privee confessionnelle=07	Health Facility Code Health facility level	Regional hospital=01; District hospital/CMA=02; Centre medical=03; CSPS=04; Dispensary or maternity=05; Private, for-profit=06; Private, confessional=07		
f2_fosa	Nom de la Formation sanitaire		Health facility name			
	Village / Quartier		Village/Quartier			
	Coges existant?	Oui=1; Non=2	Does a coges exist	Yes=1; No=2		
Vérifiez			Verify			
f2_parlelit	L'agent parle et lit bien le français?	Oui=1; Non=2	Does the health worker speak and read French well?	Yes=1; No=2		
f2_travail	L'agent à travaillé 3 mois ou plus dans cette formation sanitaire?	Oui=1; Non=2	Has the health worker worked at this facility for three months or longer?	Yes=1; No=2		
LATITUDE	LATITUDE (NORD)		Latitudr (North)			
LONGITUDE	LONGITUDE (EST)		Longitude (East)			
f2_empl	Emplacement	Urban=1; Rural=2	Location	Urban=1; Rural=2		
Visites des Formations Sanitaires						
	Nom/Prenom de L'enqueteur		Interviewer name (Last/First)			
f2_codeng	Code enqueteur		Interviewer code			
f2_jvis	Date Visite	Jour	Date of visit	Day		
f2_mmvis	Date Visite	Mois	Date of visit	Month		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation in French	Recommendation to the fieldworker
f2_aavis	Date Visite	Année	Date of visit	Year		
Questionnaire (cette partie doit être remplie à l'issu de l'interview):						
		Entierement rempli=1; Partiellement=2				
	Si partiellement rempli, pourquoi?	Agent a refuse de continuer=1; L'interview a ete interrompue; Il n'était pas possible de le continuer=2				
Consentement éclairé, a recueillir avant le debut de l'entrevue			Informed consent, to be obtained before the interview			
f2_const	ENQUETEUR : Bonjour/Bonsoir ! Je m'appelle _____, je travaille pour le Ministère de la santé. Le Ministère de la santé nous a demandé de mener une étude portant sur les formations sanitaires au Burkina Faso. Aujourd'hui, nous allons nous entretenir avec le personnel des formations sanitaires et leurs responsables. Nous voulons déterminer le niveau général et la qualité des prestations de service dans les formations sanitaires du Burkina. Si vous acceptez de prendre part à cet entretien, nous vous assurons que les informations fournies seront traitées confidentiellement. Vous avez le droit de refuser de prendre part à l'entretien au début ou de l'interrompre à n'importe quelle étape. Toutefois, nous vous réaffirmons que les informations que vous allez fournir sont d'une importance capitale pour le Ministère de la santé qui s'en servira dans l'amélioration des services de santé au Burkina. Acceptez-vous prendre part à l'enquête aujourd'hui?	Oui=1; Non=2	ENQUETEUR : Bonjour/Bonsoir ! Je m'appelle _____, je travaille pour le Ministère de la santé. Le Ministère de la santé nous a demandé de mener une étude portant sur les formations sanitaires au Burkina Faso. Aujourd'hui, nous allons nous entretenir avec le personnel des formations sanitaires et leurs responsables. Nous voulons déterminer le niveau général et la qualité des prestations de service dans les formations sanitaires du Burkina. Si vous acceptez de prendre part à cet entretien, nous vous assurons que les informations fournies seront traitées confidentiellement. Vous avez le droit de refuser de prendre part à l'entretien au début ou de l'interrompre à n'importe quelle étape. Toutefois, nous vous réaffirmons que les informations que vous allez fournir sont d'une importance capitale pour le Ministère de la santé qui s'en servira dans l'amélioration des services de santé au Burkina. Acceptez-vous prendre part à l'enquête aujourd'hui?	Yes=1; No=2		
Verification du questionnaire par le superviseur		Oui=1; Non=2	Verification of the questionnaire			
f2_codsup						
f2_jjsup	Non/Prenom Code	Jour	Name (Last/First)	Day		
f2_mmsup		Mois		Month		
f2_aasup		Année		Year		
Operateur de saisie de donnees-1			Data entry 1			

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation in French	Recommendation to the fieldworker
f2_codops						
f2_jjsaisi	Non/Prenom Code	Jour	Name (Last/First)			
f2_mmsaisi		Mois				
f2_aasaisi		Année				
Operateur de saisie de donnees-2			Data entry 2			
	Non/Prenom Code	Jour	Name (Last/First)	Day		
		Mois		Month		
		Année		Year		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
	De façon générale pour ce questionnaire, ne lisez pas les réponses possibles sauf si cela est indiqué					
f2_101	Quel est votre nom s'il vous plaît?		What is your name?			In this survey, do not read the answer options out loud unless otherwise indicated
f2_102	Remplir le code de l'agent de santé à partir de la liste du personnel à la fiche F1					Fill in the health worker code as recorded in the list of personnel (Staff Roster) in F1
f2_103	Chef de poste / Chef de service	Oui=1; Non=2	Facility / department head (Chef de poste/chef de service)	Yes=1; No=2		
f2_104	Sexe	Masculin=1; Féminin=2	Sex	Male=1; Female=2		
f2_105	Quel âge avez-vous?	ANS (écrire le nombre)	How old are you?	Years (Record number of years)		
f2_106	Quel est votre statut matrimonial?	Célibataire=1; Marié (e) / union libre=2; Veuf(ve)=3; Divorcé (e)/ séparé(e)=4	What is your marital status?	Single=1; Married/in a relationship=2; Widowed=3; Divorced/separated=4;	Réponse=1 ;3 ;4 ► (1,08)	Response=1; 3; 4 ► (1,08)
f2_107	Est-ce que vous vivez avec votre conjoint (e)?	Oui=1; Non=2	Do you live with your spouse?	Yes=1; No=2		
f2_108	Avez-vous des enfants?	Oui=1; Non=2	Do you have children?	Yes=1; No=2	Réponse=2 ► (1,10)	Response=2 ► (1,10)
f2_109	Combien d'enfants de moins de 18 ans vivent-ils avec vous? (écrire le nombre)		How many children under 18 years of age live with you? (Record number of children)			
f2_110	Quel est votre niveau d'études initiales (formation de base) le plus élevé?	Aucun=1; Primaire=2; Secondaire 1er cycle=3; Secondaire 2nd cycle=4; Supérieur et plus=5; Autre, précisez:=7	What is the highest educational level (primary or secondary) you have completed?	None=1; Primary=2; Secondary (1er cycle)=3; Secondary (2nd cycle)=4; Supérieur or higher=5; Other, specify:=7		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_111	Quel est votre corps en tant qu'agent de santé tel que défini par le Ministère de la santé?	Médecin Généraliste=01; Médecin Spécialiste=02; Chirurgien dentiste=03; Pharmacien=04; Nutritionniste=05; Préparateur d'Etat en pharmacie (PEP)=06; Attaché de santé anesthésia=07; Attaché de santé gynécologie-obstétrique=08; Attaché de santé chirurgie=09; Attaché de santé pédiatrie=10; Attaché de santé en odontologie=11; Attaché de santé en ophtalmologie=12; Attaché de santé ORL=13; Attaché de santé en épidémiologie=14; Attaché de santé en santé mentale=15; Attaché en soins infirmiers et obstétricaux=16; Infirmier Diplômé d'Etat (IDE)=17; Infirmier Breveté (IB)=18; Sage Femme d'Etat /Maieuticien d'Etat=19; Agent Intinerant de Santé (AIS)=20; Accoucheuse Auxilliaire (AA)=21; Accoucheuse Brevetée (AB)=22; Technologiste Biomédical (TBM)=23; Manipulateur d'Etat en Electro Radiologie (MEER)=24; Technicien d'Hygiène=25; Kinésithérapeute=26; Puéricultrice=27;	What is your position as a health worker as defined by the Ministry of Health?	General Practitioner = 01; Doctor Specialist = 02; Dental surgeon = 03; Pharmacist = 04; Nutritionist = 05; Preparer State Pharmacy (PEP) = 06; Attached in anesthesia = 07; Attached in Obstetrics and Gynecology = 08; Attached in surgery = 09; Attached in pediatric = 10; Attached in odontology = 11; Attached in ophthalmology = 12; Attached in otolaryngology = 13; Attached in epidemiology = 14; Attached in mental health = 15; Attached in Nursing and Midwifery = 16; Nurse graduate of State (IDE) = 17; Nurse Licensed (IB) = 18; Midwife State / "Maieuticien state" = 19; "Agent Intinerant Health" (AIS) = 20; "Auxilliaire attendant" (AA) = 21; "Patented midwife" (AB) = 22; Biomedical Technologist (TBM) = 23; State manipulator Electro Radiology (MEER) = 24; Hygiene Technician = 25; Physiotherapist = 26; Nursery = 27; Panseur = 28; Other, specify: = 97		
	Depuis quand travaillez-vous dans cette fonction ?		Since when do you work in this position?	Record the starting date (Month (1-12) and year)	Notez la date (Mois (1-12) et Année) de debut du travail	
f2_112a	a. Mois					
f2_112b	b. An					
	Depuis quand travaillez-vous comme agent de santé dans cette formation sanitaire ?				Notez la date (Mois (1-12) et Année) de debut du travail	
f2_113a	a. Mois					
f2_113b	b. An					
	A présent, je vais vous poser des questions portant sur les services que vous avez fournis durant les 3 derniers mois.		Now I am going to ask you about the services that you have provided in the past 3 months.			
	Durant les 3 derniers mois, avez-vous mené l'une des activités suivantes?		In the past 3 months, have you done the following activities?		Lisez toutes les options de reponses a haute voix	Read out loud all of the answer options; F2_123 and F2_124:Yes=1; No=2
f2_114	Supervision des agents de santé communautaires	Oui=1; Non=2	Supervision of community health workers	Yes=1; No=2		
f2_115	Supervision des accoucheuses traditionnelles	Oui=1; Non=2	Supervision of traditional birth attendants	Yes=1; No=2		
f2_116	Consultation curative pour enfants	Oui=1; Non=2	Under 5 consultations (curative)	Yes=1; No=2		
f2_117	Consultation curative pour adultes	Oui=1; Non=2	Adult consultations (curative)	Yes=1; No=2		
f2_118	Consultation pour le planning familial	Oui=1; Non=2	Family planning consultations	Yes=1; No=2		
f2_119	Consultation prénatale	Oui=1; Non=2	Antenatal care consultations	Yes=1; No=2		
f2_120	Consultation pour les soins post partum	Oui=1; Non=2	Postnatal care consultations	Yes=1; No=2		
f2_121	Accouchements	Oui=1; Non=2	Deliveries	Yes=1; No=2		

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_122	Intervention pour hémorragie de délivrance	Oui=1; Non=2	Response to delivery bleeding	Yes=1; No=2		
f2_123	Complications liées à l'avortement	Oui=1; Non=2	Abortion-related complications	Yes=1; No=2		
f2_124	Accouchements dystociques	Oui=1; Non=2	Dystocia deliveries	Yes=1; No=2		
f2_125	Césarienne	Oui=1; Non=2	C-Sections	Yes=1; No=2		
f2_126	Diagnostics/traitement de la tuberculose	Oui=1; Non=2	TB diagnosis and treatment	Yes=1; No=2		
f2_127	Vaccinations en stratégie fixe	Oui=1; Non=2	Vaccinations (stratégie fixe)	Yes=1; No=2		
f2_128	Vaccinations en stratégie avancée (communauté)	Oui=1; Non=2	Vaccinations (stratégie avancée (communauté))	Yes=1; No=2		
f2_129	Suivi de la croissance / conseils nutritionnels	Oui=1; Non=2	Growth monitoring / nutritional counselling	Yes=1; No=2		
f2_130	Traitement du paludisme	Oui=1; Non=2	Malaria treatment	Yes=1; No=2		
f2_131	Formation des agents de santé communautaire	Oui=1; Non=2	Training of community health workers	Yes=1; No=2		
f2_132	Formation des accoucheurs (ses) traditionnel(les)	Oui=1; Non=2	Training of traditional birth attendants	Yes=1; No=2		
f2_133	Traitement d'un handicap et maladies chroniques	Oui=1; Non=2	Treatment of disability or chronic diseases	Yes=1; No=2		
f2_134	Traitement de maladies mentales	Oui=1; Non=2	Treatment of mental health issues	Yes=1; No=2		
f2_135	Dépistage et counselling VIH/SIDA	Oui=1; Non=2	HIV testing and counselling	Yes=1; No=2		
f2_136	Traitement VIH/SIDA (traitement aux Anti rétroviraux - ARV)	Oui=1; Non=2	HIV treatment (ARVs)	Yes=1; No=2		
f2_137	Circoncision des enfants	Oui=1; Non=2	Circumcision (children)	Yes=1; No=2		
f2_138	Sensibilisation de la population sur la promotion de la santé	Oui=1; Non=2	Health promotion campaign	Yes=1; No=2		
f2_139	Hospitalisations	Oui=1; Non=2	Hospitalizations	Yes=1; No=2		

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_201	Parce que mon travail est plus qu'un métier, c'est une vocation.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because my work is more than a job, it's a mission.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_202	Parce que j'aurais honte de moi-même autrement.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I would feel ashamed otherwise.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_203	A cause des avantages liés à mon travail.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because of the benefits that come with my job.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_204	Parce que ce travail correspond très bien à mes valeurs personnelles.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because this job fits my personal values very well.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_205	Parce que ce travail me plaît beaucoup.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I very much like doing this job.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_206	Pour ne pas perdre mon travail.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	So I don't lose my job.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_207	Parce que mon travail me rend fier de moi.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because my work makes me feel proud of myself.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_208	Parce que j'aime faire ce que je fais chaque jour au travail.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I enjoy doing what I am doing at work every day.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_209	Pour pouvoir subvenir aux besoins de ma famille.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	In order to be able to provide for my family.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_210	De façon à ne pas être mis de côté de l'équipe de travail.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	In order not to be excluded by my colleagues.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
	Veuillez continuer d'indiquer ce qui est important et ce qui ne l'est pas pour vous. Pourquoi êtes-vous motivé à travailler?		Please continue to indicate what is important, and what is not so important to you. Why are you motivated to work?			
f2_211	Parce que j'aime faire face aux défis que je rencontre dans mon travail.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I like the challenges I face in my work.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_212	Pour ne pas me priver des avantages auxquels je pourrais avoir droit.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	So I don't forgo any benefits I may be entitled to.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_213	Parce que m'occuper de mes patients est mon devoir.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because it is my duty to care for my patients.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_214	Parce que mon responsable direct reconnaît mon travail et m'apprécie.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	So my supervisor recognizes and appreciates me.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_215	Parce qu'on attend que je sois là pour mes patients.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because it is expected of me to be there for my patients.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_216	Parce que mes tâches au travail me plaisent beaucoup.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I enjoy my work tasks.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_217	Pour avoir une bonne opinion de moi-même.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	In order to feel good about myself	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_218	Parce que je ne peux pas m'imaginer être autre chose qu'un agent de santé.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I can't see myself as anything else than a health worker.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_219	Pour avoir une chance de monter en grade.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	In order to be eligible for promotion.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
	Veillez continuer d'indiquer ce qui est important et ce qui ne l'est pas pour vous. Pourquoi êtes-vous motivé à travailler?		Please continue to indicate what is important, and what is not so important to you. Why are you motivated to work?			
f2_220	Parce qu'être en contact avec beaucoup de gens chaque jour me plaît beaucoup.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I enjoy interacting with many people every day.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_221	Parce que je veux changer quelque chose dans la vie des autres.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I want to make a difference in people's lives.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_222	Parce qu'être un agent de santé est un élément fondamental de ce que je suis.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because being a health worker is a fundamental part of who I am.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_223	Afin de gagner de l'argent.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	In order to earn money.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_224	Parce que mon travail est extrêmement important pour mes patients.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because my work is extremely important for my patients.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_225	Parce que mon travail me permet d'atteindre mes objectifs dans la vie.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because my job allows me achieve my goals in life.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_226	Pour ne pas laisser tomber mon équipe.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	So I don't let my team down.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_227	Parce que ma réputation dépend de mon travail.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because my reputation depends on my work.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_228	De façon à ne pas recevoir de sanctions (blâme, avertissement, ...).	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	In order to avoid negative consequences.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_229	Parce que je ne serai pas moi-même si je n'étais pas là pour prendre soin de mes patients.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because I wouldn't be me if I wasn't there to care for my patients.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_230	Parce que mon travail me procure la sécurité financière.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because of the security my job provides me with.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_231	Parce que le travail que je fais est très intéressant.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because the work that I do is very interesting.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		
f2_232	A cause de la reconnaissance que je reçois de mes patients et de la communauté.	Raison pas importante du tout pour moi = 0..... Raison très importante pour moi (le plus) = 10	Because of the appreciation I receive from my patients and the community.	Reason not important at all for me = 0 Reason very important for me (the most) = 10		

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
	Nous sommes conscients que votre travail est souvent difficile en raison d'un manque de personnel et des ressources. Je vais vous lire trois affirmations sur la manière dont les individus peuvent se sentir par rapport à cette situation. Nous aimerions savoir à quel point vous êtes personnellement d'accord ou en désaccord avec les affirmations.		We know that your work is often difficult because of a lack of personnel and resources. In the following, I will read to you three statements about how people might feel in this situation. We would like to know to what extent you personally agree or disagree with these statements in your unique situation.		[ENQUÊTEUR: CHANGEMENT DES ÉCHELLES!]. Il n'y a pas de bonne ou mauvaise réponse. Pour notre recherche, il est très important que vous répondiez exactement comme vous le pensez. Vos réponses ne seront pas vues par moi ou qui que ce soit en dehors de l'équipe de recherche.	[INTERVIEWER: CHANGE ANSWER SCALES!]. There are no right or wrong answers. It is very important for our research that you reply exactly as you feel. Your answers will not be seen by me or by anybody outside the research team.
f2_233	J'ai souvent envie de quitter mon poste de travail.	Pas d'accord du tout d'accord = 0.....Tout à fait d'accord = 10	I often feel like leaving my job.	Not agree at all = 0 I completely agree = 1		
f2_234	Accepter de travailler pour cette formation de santé était une erreur.	Pas d'accord du tout d'accord = 0.....Tout à fait d'accord = 10	Accepting to work for this facility was a mistake.	Not agree at all = 0 I completely agree = 1		
f2_235	Il est fort probable que je quitte mon poste de travail d'ici l'année prochaine.	Pas d'accord du tout d'accord = 0.....Tout à fait d'accord = 10	It is highly likely that I will quit my job within the next year.	Not agree at all = 0 I completely agree = 1		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_301	Mon responsable direct soutient tous les membres de l'équipe.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My supervisor is supportive towards all team members.	Not agree at all = 0 I completely agree = 10	Dans cette partie du questionnaire, je voudrais vous parler plus en détail de vos relations de travail avec vos collègues, votre responsable direct, les COGES et les autres intervenants. Rappelez-vous combien il est important pour notre recherche que vous répondiez exactement comme vous le pensez. Pour chaque affirmation, veuillez indiquer dans quelle mesure vous êtes personnellement d'accord ou pas d'accord sur le fait qu'ils reflètent fidèlement la situation dans votre lieu de travail.	In this part of the questionnaire I would like to talk with you in more detail about your working relationships with your coworkers, your supervisor, the COGES, and other stakeholders. Remember how important it is to our research that you answer exactly as you feel. For each statement, please tell me the extent to which you personally agree or disagree that they accurately reflect the situation at your workplace.
f2_302	Je ne peux pas du tout compter sur les personnes avec lesquelles je travaille.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	I cannot rely at all on the people I work with.	Not agree at all = 0 I completely agree = 10		
f2_303	Les membres de mon équipe partagent volontairement leur expertise avec les autres collègues.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My team members are happy to share their expertise with the other team members.	Not agree at all = 0 I completely agree = 10		
f2_304	Les personnes avec qui je travaille se soucient vraiment de moi.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The people I work with really care about me.	Not agree at all = 0 I completely agree = 10		
f2_305	Mon responsable direct est prêt à m'aider quand j'ai besoin de son aide dans mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My supervisor is always there for me when I need help in my work.	Not agree at all = 0 I completely agree = 10		
f2_306	Nous avons totalement confiance entre nous au sein de l'équipe.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	We have complete confidence in each other in my team.	Not agree at all = 0 I completely agree = 10	Tout d'abord, parlons de la façon dont vous percevez vos relations de travail avec vos collègues et avec votre responsable direct. N'oubliez pas que vos réponses sont confidentielles. Ni votre responsable direct ni vos collègues ne seront informés de vos réponses.Vous êtes en accord ou en désaccord avec les affirmation suivantes?	Let us first talk about how you perceive your working relationship with your colleagues and your supervisor. Remember that your answers are confidential. Neither your supervisor nor your colleagues will be informed about them. Do you agree or disagree with the following statements?
f2_307	Je n'ai pas assez d'autorité pour bien faire mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	I do not have enough authority to do my job well.	Not agree at all = 0 I completely agree = 10		
f2_308	Les membres de mon équipe travaillent très bien ensemble.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My team works very well together.	Not agree at all = 0 I completely agree = 10		
f2_309	Mon superviseur me pousse à faire de mon mieux au travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My supervisor pushes me to give my best at work.	Not agree at all = 0 I completely agree = 10		
f2_310	Les personnes avec qui je travaille valorisent ma contribution aux résultats de la formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The people I work with value my contribution to the facility.	Not agree at all = 0 I completely agree = 10		
f2_311	Mon responsable direct reconnaît mes réussites et mes résultats au travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My supervisor recognizes my achievements at work.	Not agree at all = 0 I completely agree = 10		
f2_312	Mon équipe encourage chacun à exprimer ses opinions.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My team encourages everyone to voice their opinions.	Not agree at all = 0 I completely agree = 10		
f2_313	Chacun dans l'équipe contribue à la réalisation d'un bon travail pour les patients.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	Everyone in my team contributes to doing our best for our patients.	Not agree at all = 0 I completely agree = 10		
f2_314	Je souhaiterais travailler dans une autre formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	I would like to work for a different health facility.	Not agree at all = 0 I completely agree = 10		
f2_315	Mon responsable direct prend bien en compte mes objectifs et mes valeurs.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My supervisor strongly considers my goals and values.	Not agree at all = 0 I completely agree = 10		
f2_316	Mon responsable direct s'assure que je comprenne les raisons lorsqu'il y a des changements au travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My supervisor makes sure I understand the reasons when there are changes at work.	Not agree at all = 0 I completely agree = 10		

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_317	Mes collègues reconnaissent et apprécient mes résultats au travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My coworkers acknowledge and appreciate my achievements at work.	Not agree at all = 0 I completely agree = 10		
f2_318	Mon superviseur m'encourage à faire des suggestions pour améliorer notre façon de travailler.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My supervisor encourages me to make suggestions about better ways to do the work.	Not agree at all = 0 I completely agree = 10		
f2_319	Les personnes avec qui je travaille sont prêtes à m'aider quand j'ai besoin de leur aide.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The people I work with are there to help me when I need support.	Not agree at all = 0 I completely agree = 10		
f2_320	Tout le monde dans mon équipe se sent capable d'agir selon les objectifs et la mission de la formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	Everyone in my team feels able to act on the facility mission and vision.	Not agree at all = 0 I completely agree = 10		
f2_321	Les personnes avec qui je travaille se préoccupent de moi.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The people I work with show much concern for me.	Not agree at all = 0 I completely agree = 10		
f2_322	Je peux vraiment compter sur les personnes avec qui je travaille.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	I can absolutely rely on the people I work with.	Not agree at all = 0 I completely agree = 10		
	Maintenant, je voudrais vous parler de la façon dont vous percevez votre relation avec le COGES, vos patients, et la communauté. Êtes-vous en contact avec le COGES dans le cadre de votre travail?		Now, I would like to talk to you about how you perceive your relationship with the COGES, your patients, and the community. Are you in contact with the COGES in the context of your work?		Si Oui: Continuer avec (3,23); Si Non: Veuillez noter '99' en réponse aux quatre affirmations suivantes et continuer avec (3,27).	If Yes,Continue with (3,23) ; if No: Record '99' for the following four statements and continue with (3,27) .
f2_323	Les membres du COGES s'intéressent à moi en tant que personne.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The COGES members are interested in me as a person.	Not agree at all = 0 I completely agree = 10		
f2_324	Les membres du COGES sont aimables envers moi.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The COGES members are friendly towards me.	Not agree at all = 0 I completely agree = 10		
f2_325	Les membres du COGES coopèrent très bien avec moi.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The COGES members cooperate very well with me.	Not agree at all = 0 I completely agree = 10		
f2_326	Le COGES est très utile pour l'accomplissement de notre travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The COGES is very helpful in getting our work done.	Not agree at all = 0 I completely agree = 10		
f2_327	La communauté reconnaît mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	The community recognizes my work.	Not agree at all = 0 I completely agree = 10		
f2_328	Mes patients apprécient mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord = 10	My patients appreciate my work.	Not agree at all = 0 I completely agree = 10		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_401	Je ne voudrais pas travailler dans une autre formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I would not want to work for a different health facility.	Not agree at all = 0 I completely agree = 10	Maintenant, je voudrais vous parler d'un certain nombre de caractéristiques de votre travail. Par exemple, de ce que signifie votre travail pour vous, votre liberté d'organiser votre travail et si vous connaissez exactement votre rôle dans la formation sanitaire. Rappelez-vous combien il est important pour notre recherche que vous répondiez exactement comme vous le pensez. Toutes les réponses sont confidentielles et ne seront pas partagées avec qui que ce soit à l'exception de l'équipe de recherche. Comme auparavant, je vais vous lire une série d'affirmations. Pour chaque affirmation, veuillez indiquer dans quelle mesure vous êtes personnellement d'accord ou pas d'accord sur le fait qu'ils reflètent fidèlement la situation dans votre lieu de travail.	Now, I would like to talk to you about a number of characteristics of your work. For example, what your work means to you, your freedom in organizing your work, and if you know exactly what your role in your facility is. Please remember how important it is for our research that you reply exactly as you think. All answers are confidential and will not be shared with anybody except the research team. As before, I will read a series of statements to you. For each statement, please indicate the degree to which you personally agree or disagree that the statement reflects well the situation in your workplace.
f2_402	Je dois beaucoup à ma formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I owe a great deal to my health facility.	Not agree at all = 0 I completely agree = 10		
f2_403	Mon travail a vraiment du sens pour moi.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My job is extremely meaningful to me personally.	Not agree at all = 0 I completely agree = 10		
f2_404	Ma formation sanitaire mérite mon entière fidélité.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My health facility deserves my loyalty.	Not agree at all = 0 I completely agree = 10		
f2_405	Je suis fier de travailler dans cette formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I am proud to be working for this health facility.	Not agree at all = 0 I completely agree = 10		
f2_406	Les objectifs de ma formation sanitaire sont en accord avec mes propres objectifs.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	The goals of my health facility perfectly match my own goals.	Not agree at all = 0 I completely agree = 10		
f2_407	Le travail que je fais est très important pour moi.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	The work I do is extremely important to me.	Not agree at all = 0 I completely agree = 10		
f2_408	Je suis sûr du niveau d'autorité dont je dispose au travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I am certain about how much authority I have on the job.	Not agree at all = 0 I completely agree = 10		
f2_409	Mon superviseur accepte mes suggestions pour l'amélioration de notre travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My supervisor accepts my ideas and suggestions for improvement at work.	Not agree at all = 0 I completely agree = 10		
f2_410	Je reçois assez de commentaires à propos de ma performance.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I receive sufficient feedback about my performance.	Not agree at all = 0 I completely agree = 10		
f2_411	Je sais exactement quel niveau de performance je dois atteindre.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I know exactly which performance level I am expected to attain.	Not agree at all = 0 I completely agree = 10		
f2_412	J'ai une influence réelle sur les décisions qui affectent notre formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I have significant influence on decisions affecting our facility.	Not agree at all = 0 I completely agree = 10		
f2_413	J'ai tout le matériel et l'équipement nécessaire pour fournir des soins de qualité.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I have all the necessary materials, supplies, and equipment to provide high quality of care.	Not agree at all = 0 I completely agree = 10		
f2_414	Nous avons un système en place au travail qui me permet de savoir si je fais bien mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	We have a system in place at work that allows me to know exactly how well I am doing.	Not agree at all = 0 I completely agree = 10		

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_415	J'ai accès à toutes les informations dont j'ai besoin pour bien faire mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I have access to all the information that I need to do my job well.	Not agree at all = 0 I completely agree = 10		
f2_416	Ma formation sanitaire dispose de tout ce dont j'ai besoin pour bien faire mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My facility provides everything I need to do my work well.	Not agree at all = 0 I completely agree = 10		
f2_417	Je suis sûr de ma capacité à bien exercer mon métier.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I am confident about my capability to do my job well.	Not agree at all = 0 I completely agree = 10		
f2_418	Je sais exactement ce qu'on attend de moi au travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I know exactly what is expected of me at work.	Not agree at all = 0 I completely agree = 10		
f2_419	J'ai du contrôle sur ce qui se passe dans ma formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I have control over what happens at my facility.	Not agree at all = 0 I completely agree = 10		
f2_420	Je comprends les objectifs et les stratégies de la formation sanitaire.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I understand management's goals and strategies for the facility.	Not agree at all = 0 I completely agree = 10		
f2_421	J'ai toutes les connaissances nécessaires pour bien faire mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I possess all the necessary skills to do my job well.	Not agree at all = 0 I completely agree = 10		
f2_422	Je peux me rendre compte moi-même des résultats de mon travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I can figure out on my own how well I do my work.	Not agree at all = 0 I completely agree = 10		
	Les affirmations suivantes portent sur votre revenu (salaire, ristournes, indemnisation). Rappelez-vous combien il est important pour		The following statements refer to your revenue (salary, ristournes, reimbursements). Please remember how important it is for our research			
f2_423	Mon revenu est suffisant par rapport à mes dépenses.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My revenue (income) is sufficient to meet my expenses.	Not agree at all = 0 I completely agree = 10		
f2_424	Je suis tout à fait en mesure de subvenir aux besoins de ma famille avec ce travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	I am well able to support myself and my family with this job.	Not agree at all = 0 I completely agree = 10		
	En répondant aux quatre affirmations suivantes, ne pensez pas en termes absolus, comme nous savons que les ressources sont limitées et le		In answering to the following four statements, don't think in absolute terms, as we know that resources are scarce and compensation is			
f2_425	Mon revenu reflète bien les efforts que je mets dans mon travail, par rapport à ce que mes collègues reçoivent pour leur effort .	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My income reflects well the effort I put into my work, compared to what my colleagues receive for their effort.			
f2_426	Mon revenu est approprié à la quantité de travail que je réalise, comparativement à ce que mes collègues reçoivent pour leur travail.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My income is appropriate for the amount of work I do, compared to what my colleagues receive for their work.	Not agree at all = 0 I completely agree = 10		
f2_427	Mon revenu reflète bien ma contribution à l'établissement, par rapport à ce que mes collègues reçoivent pour leur contribution.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My income reflects well what I contribute to the facility, compared to what my colleagues receive for their contribution.	Not agree at all = 0 I completely agree = 10		
f2_428	Mon revenu est justifié, compte tenu de ma performance, par rapport à ce que mes collègues reçoivent pour leur performance.	Pas d'accord du tout d'accord = 0.....Tout a fait d'accord =10	My income is justified, given my performance, compared to what my colleagues received for their performance.	Not agree at all = 0 I completely agree = 10		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_501	Êtes-vous satisfait de la collaboration avec les autres formations sanitaires ?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the collaboration with the other health facilities?	Not at all satisfied = 0 Completely satisfied = 10	Dans la section suivante, je vais vous poser des questions concernant votre degré de satisfaction ou insatisfaction par rapport au travail que vous effectuez à présent. Rappelez-vous que toutes les réponses sont confidentielles et ne seront partagées qu'au sein de l'équipe de recherche.	In the following section, I will ask you a series of questions on your degree of satisfaction or dissatisfaction with regard to your current job. Please remember that all your answers are confidential and will not be shared
f2_502	Êtes-vous satisfait de la collaboration avec le personnel de la Commune / Mairie ?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the collaboration with the commune/major's office staff?	Not at all satisfied = 0 Completely satisfied = 10	La première partie de la section concerne vos relations avec les différents individus et groupes avec lesquels vous interagissez dans le cadre de votre travail. Utilisez l'échelle 'pas satisfait du tout' à 'tout à fait satisfait' comme imprimée sur votre fiche.	with anybody apart from the research team. The first part of the section refers to your relationship with different stakeholders that you interact with in your work. Please use the scale 'not satisfied at all' to 'completely satisfied' as printed on your questionnaire.
f2_503	Êtes-vous satisfait de la collaboration avec les membres de l'équipe cadre de district (ECD) ?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the collaboration with the ECD members (district health management)?	Not at all satisfied = 0 Completely satisfied = 10		
f2_504	Êtes-vous satisfait de la collaboration avec les membres de l'équipe cadre de région?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the collaboration with the member of the regional management team?	Not at all satisfied = 0 Completely satisfied = 10		
f2_505	Si votre formation sanitaire n'a pas de COGES.	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your working relationship with the COGES?	Not at all satisfied = 0 Completely satisfied = 10	Indiquez '99' Êtes-vous satisfait de votre relation de travail avec le COGES?	If the facility does not have a COGES, record '99'.
f2_506	Êtes-vous satisfait des relations de travail avec vos collègues dans votre formation sanitaire?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your working relationships with your colleagues at your health facility?	Not at all satisfied = 0 Completely satisfied = 10		
f2_507	Êtes-vous satisfait de la façon dont l'équipe dans votre formation sanitaire travaille ensemble?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the way the team in your facility works together?	Not at all satisfied = 0 Completely satisfied = 10		
f2_508	Êtes-vous satisfait de la façon dont l'équipe dirigeante de cette formation sanitaire la gère?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the way the facility management team manages this facility?	Not at all satisfied = 0 Completely satisfied = 10	S'il s'agit du chef de post/Chef de service, Indiquez '99'	If the interviewee is the facility/Department head, record '99'
f2_509	Êtes-vous satisfait des relations entre cette formation sanitaire et les leaders d'opinion de la zone de votre formation sanitaire?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the relationships between this facility and the opinion leaders in the facility catchment area?	Not at all satisfied = 0 Completely satisfied = 10		
f2_510	Êtes-vous satisfait des relations entre cette formation sanitaire et les agents de santé communautaire locaux ?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the relationships between this facility and the local community health workers?	Not at all satisfied = 0 Completely satisfied = 10		
f2_511	Êtes-vous satisfait du degré de respect que l'on vous accorde au sein de la communauté?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your level of respect in the community?	Not at all satisfied = 0 Completely satisfied = 10		
	Les questions suivantes portent sur vos conditions de travail. Veuillez continuer à indiquer votre degré de satisfaction ou d'insatisfaction.	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	The next questions refer to your working conditions. Please continue to indicate your degree of satisfaction or dissatisfaction			
f2_512	Êtes-vous satisfait des médicaments disponibles dans cette formation sanitaire?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the drugs available in this facility?	Not at all satisfied = 0 Completely satisfied = 10		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_513	Êtes-vous satisfait des équipements disponibles dans cette formation sanitaire?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the equipment available in this facility?	Not at all satisfied = 0 Completely satisfied = 10		
f2_514	Êtes-vous satisfait de la disponibilité de certains consommables dans cette formation sanitaire (par ex compresses, seringues, gants)?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the availability of certain supplies in this facility (e.g. compresses, syringes, gloves)?	Not at all satisfied = 0 Completely satisfied = 10		
f2_515	Êtes-vous satisfait des registres et formulaires dont vous disposez pour faire votre travail?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the forms and registers available for your work?	Not at all satisfied = 0 Completely satisfied = 10		
f2_516	Êtes-vous satisfait de la qualité et de l'état du bâtiment abritant cette formation sanitaire?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the quality and the condition of the buildings at this facility?	Not at all satisfied = 0 Completely satisfied = 10		
f2_517	Êtes-vous satisfait de la protection contre les risques professionnels (par ex, contre l'exposition au VIH)?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the protection measures against professional risks (e.g. against exposure to HIV)?	Not at all satisfied = 0 Completely satisfied = 10		
f2_518	Êtes-vous satisfait de la qualité générale des soins dans cet établissement de santé?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	In general, are you satisfied with the quality of care at this facility?	Not at all satisfied = 0 Completely satisfied = 10		
f2_519	Êtes-vous satisfait du niveau de qualité des soins que vous pouvez fournir aux vus des conditions de travail dans cette formation sanitaire?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the quality of care you are able to provide, given the working conditions in this facility?	Not at all satisfied = 0 Completely satisfied = 10		
f2_520	Êtes-vous satisfait de vos relations avec vos patients?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your relationships with your patients?	Not at all satisfied = 0 Completely satisfied = 10		
f2_521	Êtes-vous satisfait de la quantité d'informations que vous recevez sur votre performance?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the quantity of information/feedback on your performance you receive?	Not at all satisfied = 0 Completely satisfied = 10		
f2_522	Êtes-vous satisfait de la qualité de l'information que vous recevez sur votre performance?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the quality of information/feedback on your performance you receive?	Not at all satisfied = 0 Completely satisfied = 10		
f2_523	Êtes-vous satisfait de votre marge de liberté pour décider de la façon de procéder dans votre travail?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your degree of freedom in deciding how to go about your work?	Not at all satisfied = 0 Completely satisfied = 10		
f2_524	Êtes-vous satisfait de la variété de tâches dans votre travail?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the task variety in your work?	Not at all satisfied = 0 Completely satisfied = 10		
f2_525	Êtes-vous satisfait par rapport aux exigences de votre travail?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the demands your job poses?	Not at all satisfied = 0 Completely satisfied = 10		
f2_526	Êtes-vous satisfait de votre charge de travail?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your workload?	Not at all satisfied = 0 Completely satisfied = 10		
f2_527	Êtes-vous satisfait des possibilités de pouvoir débattre des questions de service avec votre responsable direct?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the possibilities of discussing questions regarding your work and workplace with your supervisor?	Not at all satisfied = 0 Completely satisfied = 10		
f2_528	Êtes-vous satisfait de vos possibilités d'apporter des nouvelles idées?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the degree to which you can bring in new ideas?	Not at all satisfied = 0 Completely satisfied = 10		
f2_529	Êtes-vous satisfait de votre implication dans la prise de décision au niveau du COGES?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your involvement in the decision making at COGES level?	Not at all satisfied = 0 Completely satisfied = 10	Si la formation sanitaire n'a pas de COGES, Indiquez '99'	If the facility does not have a COGES, record '99'
f2_530	Êtes-vous satisfait du soutien que vous recevez de votre responsable direct?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the support you receive from your supervisor?	Not at all satisfied = 0 Completely satisfied = 10		
f2_531	Êtes-vous satisfait de la reconnaissance de votre travail par votre responsable direct?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the recognition you receive for your work from your supervisor?	Not at all satisfied = 0 Completely satisfied = 10		
f2_532	Êtes-vous satisfait de vos chances de recevoir une récompense après le dur labeur (financièrement ou d'une autre manière)?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your chances of being rewarded for hard work (financially or otherwise)?	Not at all satisfied = 0 Completely satisfied = 10		
f2_533	Êtes-vous satisfait des opportunités que vous avez d'utiliser vos compétences dans votre travail?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your opportunities to use your skills in your work?	Not at all satisfied = 0 Completely satisfied = 10		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker in English
f2_534	Êtes-vous satisfait des opportunités de formation continue?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your opportunities for training?	Not at all satisfied = 0 Completely satisfied = 10		
f2_535	Êtes-vous satisfait de votre sécurité au sein de la communauté (par ex vol, agression)?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your security situation in the community (e.g. theft, violence)?	Not at all satisfied = 0 Completely satisfied = 10		
	Maintenant je vais vous lire quelques questions sur le revenu que vous recevez en retour de votre travail. Veuillez continuer à indiquer votre degré de satisfaction ou d'insatisfaction.		Now, I would like to read to you a number of questions regarding the compensation you receive for your work. Please continue to indicate your degree of satisfaction or dissatisfaction.	Not at all satisfied = 0 Completely satisfied = 10		
f2_536	Êtes-vous satisfait de votre salaire?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your salary?	Not at all satisfied = 0 Completely satisfied = 10		
f2_537	Êtes-vous satisfait de la régularité de versement de votre salaire (salaire versé à temps vs. en retard etc)?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the punctuality of salary payments?	Not at all satisfied = 0 Completely satisfied = 10		
f2_538	Êtes-vous satisfait des ristournes reçues du COGES / du gestionnaire?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with the ristournes that you receive from the COGES/the facility management?	Not at all satisfied = 0 Completely satisfied = 10		
f2_539	Êtes-vous satisfait de vos divers avantages (par ex le logement, les frais de transport, aide maladie)?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your benefits (e.g. accommodation, transport allowances, health insurance)?	Not at all satisfied = 0 Completely satisfied = 10		
f2_540	Êtes-vous satisfait de l'ensemble de votre revenu?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your total revenue?	Not at all satisfied = 0 Completely satisfied = 10		
f2_541	Êtes-vous satisfait de vos chances de monter en grade?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your chances for promotion?	Not at all satisfied = 0 Completely satisfied = 10		
f2_542	Êtes-vous satisfait de votre logement?	Pas satisfait du tout = 0.....Tout a fait satisfait = 10	Are you satisfied with your accommodation?	Not at all satisfied = 0 Completely satisfied = 10		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_601	Prise en charge intégrée des maladies de l'enfant (PCIME clinique)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Integrated Management of Childhood Illness (IMCI; facility-based)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4	Pour chaque sujet mentionné, j'aimerais savoir la date la plus récente à laquelle vous avez reçu une formation continue, et pour combien de jours. S'il vous plaît n'incluez pas votre formation initiale médicale ou en soins infirmiers. Ils'agit exclusivement des formations recues après vos études professionnelles.	For each subject I mention, I would like to know the most recent time you received in-service training, and for how many days. Please do not include your initial medical or nursing education. By training we only mean the training received AFTER undergoing professional training.
f2_602	Prise en charge intégrée des maladies de l'enfant (PCIME communautaire)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Integrated Management of Childhood Illness (IMCI; community-based)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_603	Paludisme	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Malaria	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4	Noter la response; Si il y a moins de 3 mois, pour combine de jours?	Record answer; If less than 3 months ago, for how many days?
f2_604	Formation TDR (tests de diagnostic rapides du paludisme)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Rapid test for malaria diagnosis	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_605	Prise en charge du paludisme communautaire à domicile (PECADO)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Home-/community-based malaria management (PECADO)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_606	Diagnostic / traitement de la tuberculose	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	TB diagnosis/treatment	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_607	Malnutrition	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Malnutrition	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_608	Prise en charge malnutrition aigue (PCMA)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Management of severe malnutrition	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_609	Planning Familial	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Family planning	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_610	Logistique contraceptive (gestion des stocks)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Contraceptives logistics (management of stocks)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_611	Santé de la reproduction des adolescents	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Reproductive health of adolescents	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_612	Réanimation du nouveau-né	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Newborn reanimation	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_613	CPN recentrée	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Focused antenatal care	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_614	Tri Evaluation Traitement Urgence (PCIME niveau CMA)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Sorting, evaluation and emergency treatment (PCIME niveau CMA)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_615	Soins Obstétricaux Néonataux d'Urgence de Base (SONUB)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Basic emergency obstetric and neonatal care (BEONC)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_616	Soins Obstétricaux Néonataux d'Urgence Complètes (SONUC)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Comprehensive emergency obstetric and neonatal care (CEONC)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_617	Transfusion sanguine	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Blood transfusion	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_618	Conseil dépistage volontaire VIH	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Voluntary HIV testing and counselling (VCT)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_619	Prévention de la transmission du VIH / SIDA de la mère à l'enfant (PTME)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Prevention of mother-to-child HIV transmission (PMTCT)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_620	PCIM / VIH (Prise en charge intégrée de la maladie personnes vivant avec le VIH)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Integrated disease management for people living with HIV (PCIM / VIH)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_621	Gestion du PEV (Programme Elargi de Vaccination)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	EPI management (Expanded Program on Immunization)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_622	Surveillance Intégrée des Maladies et Ripostes (SIMR)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Integrated epidemiological surveillance of infectious diseases (Surveillance Intégrée des Maladies et Ripostes)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_623	Ciblage des indigents	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Pro-poor targeting (ciblage des indigents)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_624	Exemption des frais de consultation	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	User fee exemption	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_625	Assurance maladie	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Health insurance	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_626	Manuel de gestion des formations sanitaires (gestion financière)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Facility management (financial management)	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_627	Système national d'information sanitaire (SNIS)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	National health information system	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_628	Prévention des Infections (PI)	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3; Pas de formation=4	Infection prevention	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3; No training=4		
f2_629	Autre, précisez:	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3	Other, please specify	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3		
f2_630	Autre, précisez:	Il y a moins de 3 mois II=1; y a moins d'1 an II=2; Il y a plus d'1 an II=3	Other, please specify	Less than 3 months ago=1; Less than 1 year=2; More than 1 year ago=3		
f2_631	Y a-t-il des besoins en formation que vous estimez nécessaires pour votre travail actuel?	Oui=1; Non=2	Is there other training you personally find necessary for your present job?	Yes=1; No=2	Réponse=2 ► (7,01)	Response=2 ► (7,01)
	De quelle formation supplémentaire avez-vous besoin pour votre travail actuel?		What kind of additional training do you feel you need for your present job?			

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_632	Prise en charge intégrée des maladies de l'enfant (PCIME clinique)	Mentionné = 1, Non mentionné = 2	Integrated Management of Childhood Illness (IMCI; facility-based)	Mentioned = 1; Not mentioned = 2	Ne lisez pas les options en haute voix. Pour chaque option, notez si l'agent de santé déclaré cette action ou pas. Mentionné....1; Pas mentionné....2	Ne lisez pas les options en haute voix. Pour chaque option, notez si l'agent de santé déclaré cette action ou pas. Mentionné....1; Pas mentionné....2
f2_633	Prise en charge intégrée des maladies de l'enfant (PCIME communautaire)	Mentionné = 1, Non mentionné = 2	Integrated Management of Childhood Illness (IMCI; community-based)	Mentioned = 1; Not mentioned = 2		
f2_634	Paludisme	Mentionné = 1, Non mentionné = 2	Malaria	Mentioned = 1; Not mentioned = 2		
f2_635	Formation TDR (tests de diagnostic rapides du paludisme)	Mentionné = 1, Non mentionné = 2	Rapid test for malaria diagnosis	Mentioned = 1; Not mentioned = 2		
f2_636	Prise en charge du paludisme communautaire à domicile (PECADO)	Mentionné = 1, Non mentionné = 2	Home-/community-based malaria management (PECADO)	Mentioned = 1; Not mentioned = 2		
f2_637	Diagnostic / traitement de la tuberculose	Mentionné = 1, Non mentionné = 2	TB diagnosis/treatment	Mentioned = 1; Not mentioned = 2		
f2_638	Malnutrition	Mentionné = 1, Non mentionné = 2	Malnutrition	Mentioned = 1; Not mentioned = 2		
f2_639	Prise en charge malnutrition aigue (PCMA)	Mentionné = 1, Non mentionné = 2	Management of severe malnutrition	Mentioned = 1; Not mentioned = 2		
f2_640	Planning Familial	Mentionné = 1, Non mentionné = 2	Family planning	Mentioned = 1; Not mentioned = 2		
f2_641	Logistique contraceptive (gestion des stocks)	Mentionné = 1, Non mentionné = 2	Contraceptives logistics (management of stocks)	Mentioned = 1; Not mentioned = 2		
f2_642	Santé de la reproduction des adolescents	Mentionné = 1, Non mentionné = 2	Reproductive health of adolescents	Mentioned = 1; Not mentioned = 2		
f2_643	Réanimation du nouveau-né	Mentionné = 1, Non mentionné = 2	Newborn reanimation	Mentioned = 1; Not mentioned = 2		
f2_644	CPN recentrée	Mentionné = 1, Non mentionné = 2	Focused antenatal care	Mentioned = 1; Not mentioned = 2		

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_645	Tri Evaluation Traitement Urgence (PCIME niveau CMA)	Mentionné = 1, Non mentionné = 2	Tri Evaluation Traitement Urgence (PCIME niveau CMA)	Mentioned = 1; Not mentioned = 2		
f2_646	Soins Obstétricaux Néonataux d'Urgence de Base (SONUB)	Mentionné = 1, Non mentionné = 2	Basic emergency obstetric and neonatal care (BEmONC)	Mentioned = 1; Not mentioned = 2		
f2_647	Soins Obstétricaux Néonataux d'Urgence Complets (SONUC)	Mentionné = 1, Non mentionné = 2	Comprehensive emergency obstetric and neonatal care (CEmONC)	Mentioned = 1; Not mentioned = 2		
f2_648	Transfusion sanguine	Mentionné = 1, Non mentionné = 2	Blood transfusion	Mentioned = 1; Not mentioned = 2		
f2_649	Conseil dépistage volontaire VIH	Mentionné = 1, Non mentionné = 2	Voluntary HIV testing and counselling (VCT)	Mentioned = 1; Not mentioned = 2		
f2_650	Prévention de la transmission du VIH / SIDA de la mère à l'enfant (PTME)	Mentionné = 1, Non mentionné = 2	Prevention of mother-to-child HIV transmission (PMTCT)	Mentioned = 1; Not mentioned = 2		
f2_651	PCIM / VIH (Prise en charge intégrée de la maladie personnes vivant avec le VIH)	Mentionné = 1, Non mentionné = 2	Integrated disease management for people living with HIV (PCIM / VIH)	Mentioned = 1; Not mentioned = 2		
f2_652	Gestion du PEV (Programme Elargi de Vaccination)	Mentionné = 1, Non mentionné = 2	EPI management (Expanded Program on Immunization)	Mentioned = 1; Not mentioned = 2		
f2_653	Surveillance Intégrée des Maladies et Ripostes (SIMR)	Mentionné = 1, Non mentionné = 2	Integrated epidemiological surveillance of infectious diseases (Surveillance Intégrée des Maladies et Ripostes)	Mentioned = 1; Not mentioned = 2		
f2_654	Ciblage des indigents	Mentionné = 1, Non mentionné = 2	Ciblage des indigents	Mentioned = 1; Not mentioned = 2		
f2_655	Exemption des frais de consultation	Mentionné = 1, Non mentionné = 2	User fee exemption	Mentioned = 1; Not mentioned = 2		
f2_656	Assurance maladie	Mentionné = 1, Non mentionné = 2	Health insurance	Mentioned = 1; Not mentioned = 2		
f2_657	Manuel de gestion des formations sanitaires (gestion financière)	Mentionné = 1, Non mentionné = 2	Facility management (financial management)	Mentioned = 1; Not mentioned = 2		
f2_658	Système national d'information sanitaire (SNIS)	Mentionné = 1, Non mentionné = 2	National health information system	Mentioned = 1; Not mentioned = 2		
f2_659	Prévention des Infections (PI)	Mentionné = 1, Non mentionné = 2	Infection prevention	Mentioned = 1; Not mentioned = 2		
f2_660	Autres, précisez:		Other, please specify			

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_701	Selon les termes de votre contrat, vous êtes supposé travailler dans ce centre de santé pendant combien d'heures par semaine?	Heures par semaine/maximum=168Heures	How many hours per week are you contracted to work at this facility?	Hours per week/maximum=168 hours		
f2_702	Nous avons constaté que les agents de santé font face à certaines contraintes les empêchant de temps en temps de remplir leurs fonctions et respecter leurs heures de travail. Durant les 30 derniers jours, vous avez été absent pendant combien de jours?	Nombre de jours Durant les 30 derniers jours	We realize that health workers face some constraints that prevent them from always performing their duties and meeting their working hours. In the last 30 days, how many working days were you absent from work?	Number of days during the last 30 days		
f2_703	Combien de <u>jours</u> avez-vous travaillé dans cette formation sanitaire durant les 7 derniers jours?	Nombre de jours Durant les 7 derniers jours maximum 7	How many days have you worked in this facility during the last 7 days?	Number of days during the last 7 days; Maximum 7		
f2_704	Combien d' <u>heures par jour</u> avez-vous travaillé dans cette formation sanitaire durant les 7 derniers jours?	Nombre d'heures moyen par jour Durant les 7 derniers jours maximum 24	How many hours per day have you worked in this facility during the last 7 days?	Average number of hours per day during the last 7 days; maximum 24		
f2_705	Si vous comparez avec les 12 derniers mois, diriez-vous que le nombre d'heures pendant lesquelles vous avez travaillé par semaine a augmenté, s'est réduit ou est resté le meme?	Augmenté=1; Réduit=2; Resté le meme=3	Compared to the last 12 months, would you say the number of hours you work in a week has increased, decreased or remained the same?	Increased=1; Decreased=2; Remained the same=3		
f2_706	Possédez-vous un document écrit indiquant les tâches exactes correspondant à votre poste?	Oui, vu=1; oui, non vu=2; Non=3	Do you own a written document indicating the exact work tasks for your position?	Yes, seen by interviewer=1; Yes, not seen by interviewer=2; No=3		
	Au cours des 7 derniers jours, combien d'heures avez-vous consacré aux activités suivantes?		In the past 7 days, how many hours have you spent on the following activities?		Pour chaque option, enregistrer le nombre d'heures consacrées à l'activité pendant les sept derniers jours. Si le répondant n'a pas effectué ces activités, écrire '99'	For each person, record the number of hours dedicated to the activity in the last 7 days. If the respondent has not performed the activity, record 99
f2_707	Consultation prénatale (CPN)		Antenatal care (ANC)			
f2_708	Consultations de soins postnatals		Postnatal care (PNC)			
f2_709	Services de planification familiale		Family planning services			
f2_710	Travail et accouchement		Labor and delivery			
f2_711	Consultations et autres soins (pansements...) aux patients externes adultes et adolescents		Out-patient services (adults and adolescents)			

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_712	Consultations et autres soins aux enfants externes (PCIME, nourisson sain...)		Outpatient services (children)			
f2_713	Vaccination		Vaccination			
f2_714	Soins aux patients hospitalisés		Care for hospitalized patients			
f2_715	Services diagnostiques et services de laboratoire		Diagnostic and laboratory services			
f2_716	Activités de sensibilisation et campagnes communautaires		Outreach activities and community campaigns			
f2_717	Comptabilité et rapports		Record keeping and reporting			
f2_718	Tâches ou fonctions de surveillance		Supervisory tasks			

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_801	Quel type de contrat avez-vous signé avec votre employeur?	Permanent (Public) et donnant droit à une pension=1; Permanent (Privé) et donnant droit à une pension=2; Contrat de courte durée (moins de 6 mois)=3; Contrat à durée déterminée (6 mois et plus)=4; Informel (pas de contrat)=5; Bénévole=6; Autre, précisez:=97	What type of employment contract have you signed with your employer?	Permanent (public) and pensionable=1; Permanent (private) and pensionable=2; Short term contract (less than 6 months)=3; Fixed term contract (6 months or more)=4; Casual (no contract)=5; Volunteer=6; Other, specify=97		
f2_802	Qui est votre employeur?	La formation sanitaire (par ex. COGES)=1; L'Etat =2; Organisation Non Gouvernementale (ONG)=3; L'armée=4; Organisme religieux=5; Travailleur indépendant=6; Communauté locale=7; Autre, précisez:=97	Who is your employer?	The health facility (e.g. COGES)=1; Government=2; NGO=3; Military=4; Religious organization=5; Self-employed=6; Local community=7; Other, specify=97	Réponse=1 ;3 ;4 ;5 ;6 ;7 ;97 ► (8,14)	Response=1; 3; 4; 5; 6; 7; and 97 ► (8,14)
f2_803	Vous avez quelle sorte de contrat?	Fonctionnaire=1; Contractuel=2	What kind of contract do you have?	Fonctionnaire=1; Contractuel=2	Réponse=2 ► (8,09)	Response=2 ► (8,09)
f2_804	Quelle est votre catégorie salariale actuelle?	A=1; B=2; C=3;D=4;E=5;P=6	What is your current salary category (catégorie salariale)?	A=1; B=2; C=3;D=4;E=5;P=6		
f2_805	Quelle est votre classe salariale actuelle?	1ère=1; 2ème=2; 3ème=3; Initiale=7; Intermédiaire=8; Terminal=9; Terminal Classe Exceptionnelle=10	What is your current salary class (classe salariale)?	1ère=1; 2ème=2; 3ème=3; Initiale=7; Intermédiaire=8; Terminal=9; Terminal Classe Exceptionnelle=10		
f2_806	Vous êtes dans quel echelon contractuel (1-16) actuellement?	Ecrine numero (1-16)	Which pay grade are you currently in (echelon contractuel (1-16))?	Record number (1-16)		
f2_807	Vous avez combien de charges dans votre contrat? (grille salariale, max. 7)	Ecrine numero (1-7)	How many dependents (charges) do you support on your contract? (grille salariale, max. 7)	Record number (0-7)		
f2_808	Recevez-vous une indemnité résidence?	Oui=1;Non=2	Do you receive a residency compensation (indemnité résidence)?	Yes=1; No=2	Réponse=1;2 ► (8,20)	Response=1;2 ► (8,20)
f2_809	Quelle est votre catégorie salariale actuelle?	1ère=1; 2ème=2; 3ème=3; 4ère=4; 5ème=5; 6ème=6	What is your current salary category (catégorie salariale)?	1ère=1; 2ème=2; 3ème=3; 4ère=4; 5ème=5; 6ème=6		
f2_810	Quelle est votre echelle salariale actuelle?	A=1; B=2; C=3;P=6	What is your current salary class (echelle salariale)?	A=1; B=2; C=3;P=6		
f2_811	Vous êtes dans quel echelon contractuel (1-16) actuellement?	Ecrine numero (1-16)				
f2_812	Vous avez combien de charges dans votre contrat? (grille salariale, max. 7)	Ecrine numero (1-7)	Which pay grade are you currently in (echelon contractuel (1-16))?	Record number (1-16)		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_813	Recevez-vous une indemnité résidence?	Oui=1;Non=2	Do you receive a residency compensation (indemnité résidence)?	Yes=1; No=2	Réponse=1;2 ► (8,20)	Response=1;2 ► (8,20)
f2_814	Pourriez vous me donner approximativement le montant de votre salaire brut mensuel HORMIS les charges salariales, les paiement des heures supplémentaires, les ristournes, les indemnités, les primes, les frais, les prêts, etc.?	1=Moins de 40 000 FCFA; 2= 40 000 - 70 000; 3= 70 001 -100 000; 4= 100 001 - 130 000; 5= 130 001 - 160 000; 6= 6160 001 - 190 000; 7=190 001 - 220 000; 8=220 000 - 250 000; 9=Plus de 250 000	Could you tell me the range of your monthly gross wage EXCLUDING salary top-ups, overtime payments, ristournes, allowances, bonus payments, loans, etc.?	1=Less than 40 000 FCFA; 2= 40 000 - 70 000; 3= 70 001 -100 000; 4= 100 001 - 130 000; 5= 130 001 - 160 000; 6= 6160 001 - 190 000; 7=190 001 - 220 000; 8=220 000 - 250 000; 9=More than 250 000		
f2_815	Pourriez vous me donner approximativement le montant du total de vos revenus mensuel Y COMPRIS les charges salariales, les paiement des heures supplémentaires, les ristournes, les indemnités de logement, les autres indemnités et primes, les frais, les prêts, etc.?	1=Moins de 40 000 FCFA; 2= 40 000 - 70 000; 3= 70 001 -100 000; 4= 100 001 - 130 000; 5= 130 001 - 160 000; 6= 6160 001 - 190 000; 7=190 001 - 220 000; 8=220 000 - 250 000; 9=Plus de 250 000	Could you tell me the range of your monthly total income INCLUDING housing allowance, other salary top-ups, overtime payments, ristournes, allowances, bonus payments, loans, etc.?	1=Less than 40 000 FCFA; 2= 40 000 - 70 000; 3= 70 001 -100 000; 4= 100 001 - 130 000; 5= 130 001 - 160 000; 6= 6160 001 - 190 000; 7=190 001 - 220 000; 8=220 000 - 250 000; 9=More than 250 000		
f2_816	Quel etait le montant de votre salaire brut mensuel HORMIS les charges salariales, les paiement des heures supplémentaires, les ristournes, les indemnités de logement, les autres indemnités et primes, les frais, les prêts, etc IL Y A 1 AN?	1=Moins de 40 000 FCFA; 2= 40 000 - 70 000; 3= 70 001 -100 000; 4= 100 001 - 130 000; 5= 130 001 - 160 000; 6= 6160 001 - 190 000; 7=190 001 - 220 000; 8=220 000 - 250 000; 9=Plus de 250 000	What was the range of your monthly gross wage EXCLUDING salary top-ups, overtime payments, ristournes, allowances, bonus payments, loans, etc. ONE YEAR AGO?	1=Less than 40 000 FCFA; 2= 40 000 - 70 000; 3= 70 001 -100 000; 4= 100 001 - 130 000; 5= 130 001 - 160 000; 6= 6160 001 - 190 000; 7=190 001 - 220 000; 8=220 000 - 250 000; 9=More than 250 000		
f2_817	Quel etait le montant du total de vos revenus mensuel Y COMPRIS les charges salariales, les paiement des heures supplémentaires, les ristournes, les indemnités de logement, les autres indemnités et primes, les frais, les prêts, etc. IL Y A 1 AN?	1=Moins de 40 000 FCFA; 2= 40 000 - 70 000; 3= 70 001 -100 000; 4= 100 001 - 130 000; 5= 130 001 - 160 000; 6= 6160 001 - 190 000; 7=190 001 - 220 000; 8=220 000 - 250 000; 9=Plus de 250 000	What was the range of your monthly total income INCLUDING housing allowance, other salary top-ups, overtime payments, ristournes, allowances, bonus payments, loans, etc. ONE YEAR GO?	1=Less than 40 000 FCFA; 2= 40 000 - 70 000; 3= 70 001 -100 000; 4= 100 001 - 130 000; 5= 130 001 - 160 000; 6= 6160 001 - 190 000; 7=190 001 - 220 000; 8=220 000 - 250 000; 9=More than 250 000		
f2_818	Recevez-vous une indemnité logement?	Oui=1;Non=2	Do you receive a residency compensation (indemnité résidence)?	Yes=1; No=2	Réponse=1;2 ► (8,20)	Response=2 ► (8,20)
f2_819	Quel est le montant mensuel de cet indemnité logement ?		What is the monthly amount of this residency compensation?		Indiquer le montant; Ecrire "999 998" Si le répondant ne peut pas estimer	Indiquer le montant; Ecrire "999 998" Si le répondant ne peut pas estimer
f2_820	Pendant les 3 derniers mois, avez-vous reçu la totalité de votre salaire?	Oui, sans aucun retard=1; Oui, mais avec un retard=2; Non=3	In the last 3 months, have you received your salary in totality?	Yes, without delays=1; Yes, but with delays=2; No=3		
	Pendant les 2 dernières années avez-vous reçu une augmentation de salaire pour l'une des raisons suivantes?		During the last 2 years, have you ever received a salary raise for one of the following reasons?			
f2_821	Routine ou augmentation générale	Oui = 1, Non = 2	Routine raise (seniority)	Yes = 1, No = 2		
f2_822	Augmentation à cause de la bonne performance (évaluation des contrats de performance)	Oui = 1, Non = 2	Raise due to good performance (performance contract evaluation)	Yes = 1, No = 2		
f2_823	Promotion (changement du poste)	Oui = 1, Non = 2	Promotion (change of position)	Yes = 1, No = 2		
f2_824	Aucune augmentation	Oui = 1, Non = 2	No raise	Yes = 1, No = 2		
f2_825	Autre, précisez		Other, specify			

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
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Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
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Je vais à présent vous lire le troisième scénario.-----Une adolescente emmène sa jeune sœur âgée de 13 mois dans votre FORMATION SANITAIRE. Elle déclare que sa sœur tousse depuis 5 jours et fait de la fièvre depuis la veille. Elle se souvient que sa sœur a eu une éruption cutanée généralisée il y a environ 1 mois et que les voisins au village avaient dit qu'elle souffrait de rougeole. Sa mère continue d'allaiter sa sœur au lait maternel. Il n y a pas de paludisme dans la zone où ils vivent. L'agent de santé a pesé l'enfant (8,5kg) et pris sa température (38,8°C) Il a compté les battements cardiaques par minute et a constaté un tirage sous-costal. Pas d'autres découvertes cliniques anormales constatées. La carte de vaccination montre que l'enfant est complètement vacciné et a reçu de la vitamine A il y a 4 mois.

I will now read the third scenario to you. -----
A teenage girl takes her younger sister aged 13 months to your health facility. She said that her sister has been coughing for 5 days and a fever since yesterday. She remembers that her sister had had a generalized rash about one month ago and that the neighbors in the village had told she was suffering from measles. Her mother is still breastfeeding her sister. There is no malaria in the area where they live. The health worker has weighed the child (8.5 kg) and taken her temperature (38.8 ° C). He has counted the heart beats per minute and found an indrawing chest. No other abnormal clinical findings were observed. The vaccination card shows that the child is fully vaccinated and has received vitamin A 4 months ago.

Questionnaire F2

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Questionnaire F2

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Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
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je vais vous lire le septième scénario.--Mme Ouattara est âgée de 39 ans et a donné naissance à une fille, il y a une semaine de cela. Elle a eu cinq grossesses dans sa vie et la fille est son quatrième enfant. Elle vient pour sa première visite post-natale avec la sœur de son bébé qui sont tous les deux en bonne santé. En tenant compte de l'allaitement, Mme Ouattara mentionne qu'elle envisage allaiter son enfant jusqu'à 12 mois. Durant la consultation post-natale, vous devez donner à Mme Ouattara des informations sur les choix en matière de planification familiale. Mme Ouattara est vraiment intéressée de savoir davantage sur les différentes méthodes de planification familiale qui seraient disponibles ou non dans la formation sanitaire. Elle affirme qu'elle et son mari ont décidé de ne plus avoir d'enfant dans l'avenir, mais ils ne sont pas familiers avec les méthodes contraceptives modernes.

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
	Est ce que vous recevez actuellement l'un des avantages suivants dans le cadre de votre travail principal?		Do you currently receive one of the following benefits in your primary job?			
f2_901	Aide-maladie et / ou médicaments	Oui=1; Non=2	Health care benefits and/or medicine	Yes=1; No=2		
f2_902	Nourriture / Repas gratuits au lieu de service	Oui=1; Non=2	Free food/meals at work	Yes=1; No=2		
f2_903	Tenue de travail	Oui=1; Non=2	Uniform for work	Yes=1; No=2		
f2_904	Chaussures de travail	Oui=1; Non=2	Shoes for work	Yes=1; No=2		
f2_905	Transport entre votre domicile et le lieu de travail	Oui=1; Non=2	Transport between work and home	Yes=1; No=2		
f2_906	École gratuite ou subvention pour l'école des enfants	Oui=1; Non=2	Free schooling or school subsidies for children	Yes=1; No=2		
f2_907	Recevez-vous des ristournes de la part du COGES / du gestionnaire?	Oui=1; Non=2	Do you receive revenue payments (ristournes) from the COGES / the facility management?	Yes=1; No=2	Réponse=2 ► (9,12)	Response=2 ► (9,12)
f2_908	Combien de fois au cours des 12 derniers mois combien de fois avez-vous reçu les ristournes?		How often in the last 12 months have you received such revenue payments (ristournes)?	Indicate number of payments	Indiquez le nombre de versements	
f2_909	Quel est le montant que vous avez reçu lors du dernier versement?		What was the amount you received for your last revenue payment?	Indicate the amount; Record 999 998 if the respondent is unable to estimate	Indiquer le montant: Ecrire "999 998" Si le répondant ne peut pas estimer	
f2_910	Comment les ristournes sont elles réparties entre le personnel de la formation sanitaire?	A part égale=1; En fonction du poste=2; En fonction des résultats du travail=3; En fonction de l'ancienneté=4; En fonction de la catégorie; Autres, précisez:=7	How are the revenues (ristournes) distributed among the facility staff?	Equal shares=1; According to position=2; According to performance=3; According to seniority=4; According to salary category=5; Other, specify=7		
f2_911	Pensez-vous la distribution des ristournes entre le personnel de santé est juste, sur une échelle 0 à 10 (0=pas du tout juste, 10=tout à fait juste)?	Pas du tout juste=0..... Tout à fait juste=10	Do you find the distribution of revenues (ristournes) among the facility staff fair, on a scale from 0 to 10 (0=not fair at all, 10=completely fair)?	Not fair at all = 0..... Completely fair=10		
f2_912	Recevez-vous d'autres avantages en nature de la part du COGES / du gestionnaire?	Oui=1; Non=2	Do you receive any other non-monetary benefits from the COGES / the facility management?	Yes=1; No=2	Réponse=2 ► (9,14)	Response=2 ► (9,14)
f2_913	Pouvez vous estimer le montant en F CFA de ces avantage en nature reçu dans les deniers 12 mois?		Could you estimate the value in F CFA of the non-monetary benefits that you have received in the last 12 months?		Indiquer le montant: Ecrire "999 998" Si le répondant ne peut pas estimer	Indicate the amount; Record 999 998 If the respondent is unable to estimate

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_914	Avez-vous participé à des formations, des ateliers, ou des réunions dans les 3 derniers mois?	Oui=1; Non=2	Have you participated in any trainings, workshops, or meetings during the last 3 months?	Yes=1; No=2	Réponse=2 ► (10,01)	Response=2 ► (10,01)
f2_915	Avez-vous reçu des perdiems (motivation) pour votre participation?	Oui=1; Non=2	Did you receive per diems for your participation?	Yes=1; No=2	Réponse=2 ► (10,01)	Response=2 ► (10,01)
f2_916	Pouvez-vous estimer le montant total de vos perdiems au cours des 3 derniers mois?		Could you estimate the total amount of per diems received in the last 3 months?	Indicate the amount; Record 999 998 If the respondent is unable to estimate	Indiquer le montant: Ecrire "999 998" Si le repondant ne peut pas estimer	

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
	Il est courant que les agents de santé exercent un travail autre que leur principale fonction au sein de la formation sanitaire. J'aimerais vous poser des questions sur le travail supplémentaire, si vous en faites. Veuillez répondre aux questions suivantes sur vos activités supplémentaires		It is common for health workers to have additional work to their primary job at the health facility. I would like to ask you questions about additional work you might be doing. Please answer the following questions with regards to your supplemental activity.			
f2_1001	Est-ce que vous exercez un autre travail ou une autre activité en dehors de cette formation sanitaire?	Oui=1; Non=2	Do you have any other job or activity outside this health facility?	Yes=1; No=2	Réponse=2 ► (11,01)	Response=2 ► (11,01)
f2_1002	De quel genre de travail ou d'activité s'agit-il?	Mentionné = 1, Non mentionné = 2	What kind of job or activity?		Plusieurs options possible. Pour chaque option, notez si l'agent de santé a déclaré cette action ou pas	Several answers are possible. For each option, note whether the respondent has mentioned it or not
	Emploi dans une autre formation sanitaire publique	Mentionné = 1, Non mentionné = 2	Work in another public health facility	Mentioned = 1; Not mentioned = 2		
f2_1003	Emploi dans une clinique privée ou cabinet privé	Mentionné = 1, Non mentionné = 2	Work in a private health facility or clinic	Mentioned = 1; Not mentioned = 2		
f2_1004	Emploi dans une pharmacie	Mentionné = 1, Non mentionné = 2	Work in a pharmacy	Mentioned = 1; Not mentioned = 2		
f2_1005	Agriculture, petit commerce (y compris entreprise familiale, agriculture de subsistance)	Mentionné = 1, Non mentionné = 2	Farming or small business (including family businesses, subsistency farming)	Mentioned = 1; Not mentioned = 2		
f2_1006	Emploi dans une autre affaire non-sanitaire (autre que ce qui est mentionné en 4)	Mentionné = 1, Non mentionné = 2	Work in non-health related business other than what was mentioned in (10,05)	Mentioned = 1; Not mentioned = 2		
f2_1007	Exercices de collecte de données, études	Mentionné = 1, Non mentionné = 2	Data collection, studies	Mentioned = 1; Not mentioned = 2		
f2_1008	Autre, précisez:		Other, specify			

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_1009	Quelle est la principale raison pour laquelle vous faites cet autre travail ou activité?	je ne peux pas m'en sortir avec mon salaire principal=1; le salaire horaire est mieux dans ce second employ=2; je peux gagner en expérience que je ne peux acquérir dans mon principal lieu de travail=3; le deuxième emploi offre un meilleur environnement de travail=4; je fais cette activité par plaisir=5; je peux offrir un meilleur service à mes patients=6; Autre, précisez:=7	What is the main reason that you are doing this other job or activity?	I cannot make ends meet on my primary income=1; Hourly earnings are better in this second job=2; I am able to gain experience that I cannot acquire in my primary work=3; The secondary job has a better environment=4; I do this activity for the fun of it=5; I can offer my patients a better service=6; Other, specify=7	Ne lisez pas les options a haute voix	Do not read answer options out loud
f2_1010	Combien d'heures avez-vous passé à cet autre travail pendant les 7 derniers jours?		How many hours did you spend on this other work in the last 7 days?	Number of hours in the last 7 days (maximum=168)	Nombre d'heures pendant les 7 derniers jours (Maximum=168)	
f2_1011	Quel est votre revenu mensuel net à cet autre emploi ? (prenez l'exemple du mois dernier)	FCFA	What is your monthly net income in this other work ? (based on last month)	FCFA		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
					A présent, j'aimerais que l'on parle de l'évaluation de votre travail par des personnes qui travaillent également dans cette formation sanitaire	Now I'd like to talk about the evaluation of your work by people who also work at this facility
f2_1101	Y a-t-il dans cette formation sanitaire quelqu'un qui est responsable de l'évaluation de votre travail? Il s'agit entre autre de quelqu'un qui donne un feedback sur votre rendement, vous conseille, parle de votre carrière avec vous?	Oui=1; Non=2; Ne sait pas=8	Within the facility, is there anyone who is responsible for supervising your work? This could include providing feedback on your performance, giving you advice, discussing your career with you?	Yes=1; No=2; Don't know=8	Réponse=2 ;8 ► (11,07)	Response=2;8 ► (11,07)
f2_1102	Dans cette formation sanitaire qui est responsable de l'évaluation de votre travail?	Chef de formation sanitaire (ICP ou responsable CMA/CHR)=1; Surveillant unité technique=2; Surveillant unité des soins=3; Coordonnateur des activités Clinique=4; Coordonnateur des soins infirmiers et obstétricaux=5; Autre, précisez:=7	Within the facility, who is responsible for supervising your work?	Facility head (ICP or CMA/CHR responsible)=1; Technical unit supervisor = 2; Health care unit supervisor = 3; Clinical activities coordonator = 4; Coordonnator of nursing and obstetrical care=5; Other, please specify=7		
f2_1103	Durant les 12 derniers mois, avez-vous rempli une fiche / grille d'évaluation avec votre évaluateur interne?	Oui=1; Non=2	During the last 12 months, have you filled in a performance evaluation sheet (fiche/grille d'évaluation) with your internal supervisor/evaluator?	Yes=1;No=2		
f2_1104	Durant les 12 derniers mois, avez-vous eu un entretien avec votre évaluateur interne pour discuter de l'atteinte de vos objectifs mentionnés dans la fiche/grille d'évaluation de	Oui=1; Non=2	During the last 12 months, have you met with your internal supervisor/evaluator to discuss the attainment of your previous year's objectives as mentioned in the evaluation sheet?	Yes=1; No=2		
f2_1105	Durant les 12 derniers mois, avez-vous discuté d'une quelconque difficulté de service avec votre évaluateur interne?	Oui=1; Non=2	During the last 12 months, have you discussed any difficulty regarding your task with your internal supervisor/evaluator?	Yes=1; No=2	Réponse=2 ► (11,07)	Response=2 ► (11,07)
f2_1106	Après vos entrevues, avez-vous constaté beaucoup d'améliorations, quelques améliorations ou pas d'améliorations du tout?	Beaucoup d'améliorations=1; Quelques ameliorations=2; Aucune amelioration=3	Following your discussion(s), have you noticed many, some, or no improvements?	Many improvements=1; Some improvements=2; No improvements=3		
	A présent, j'aimerais que l'on parle de l'évaluation de votre travail par des personnes qui travaillent en dehors de cette formation sanitaire		Now I would like to talk with you about the evaluation of your work by people from outside of the facility.			
f2_1107	Hors de cette formation sanitaire, y a-t-il quelqu'un qui est responsable de l'évaluation de votre travail? Il s'agit entre autre de quelqu'un qui donne un feedback sur votre rendement, vous conseille, parle de votre carrière avec vous?	Oui=1; Non=2; Ne sait pas=8	Outside of this health facility, is there anyone who is responsible for supervising your work? This could include providing feedback on your performance, giving you advice, discussing your career with you?	Yes=1; No=2; Don't know=8	Réponse=2 ;8 ► (12,01)	Response=2,8 ► (12,01)

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_1108	Qui est le principal responsable de l'évaluation de votre travail hors de cette formation sanitaire?	Responsable du Ministère de la santé=1; Membre de l'équipe cadre de la région=2; Membre équipe cadre district sanitaire (ECD)=3; Expert ONG de la santé=4; Autre, précisez:=7	Who is the main responsible for the evaluation of your work from outside this facility?	Responsible from the Ministry of Health=1; Member of the regional management team (équipe cadre de la région)=2; Member of the district management team (équipe cadre district sanitaire)=3; NGO health expert=4; Other, specify=7		
f2_1109	Pendant les 12 derniers mois, combien de fois avez vous discuté avec votre évaluateur externe?		During the last 12 months, how often did you discuss your work with your external supervisor?			
					Enquêteur: Posez les questions (11,10) et (11,11) seulement s'il s'agit du ICP ou MCD	Interview: Ask questions (11, 10) and (11, 11) only when the respondent is the ICP or MCD
f2_1110	Durant les 12 derniers mois, avez-vous rempli une fiche / grille d'évaluation avec votre évaluateur externe?	Oui=1; Non=2	During the last 12 months, have you filled in a performance evaluation sheet (fiche/grille d'évaluation) with your external supervisor/evaluator?	Yes=1; No=2		
f2_1111	Durant les 12 derniers mois, avez-vous eu un entretien avec votre évaluateur externe pour discuter de l'atteinte de vos objectifs mentionnés dans la fiche/grille d'évaluation de l'année précédente?	Oui=1; Non=2	During the last 12 months, have you met with your internal supervisor/evaluator to discuss the attainment of your previous year's objectives as mentioned in the evaluation sheet?	Yes=1; No=2		
f2_1112	A votre dernière rencontre avec ce (tte) évaluateur externe, qu'a-t-il / elle fait dans le cadre de la supervision de votre travail?	Apport en matériel / équipement; Vérification des registres; Vérification des finances; Observation des consultations; Évaluation des connaissances; Enseignements sur des sujets du domaine de la santé; Enseignements du domaine administrative; Directives pour le remplissage des fiches du système de suivi et d'informations sanitaires ou des registres; Rien; Entretien sur mon rendement et / ou ma carrière; Inspection du centre de santé; Autre, précisez:	The last time that you met this external supervisor, what did [HE/SHE] do to supervise/evaluate your work?	Delivery of supplies / equipment; Verification of registers; Verification of finances; Observation of consultations; Evaluation of knowledge; On-the-job training on topics related to health; On-the-job training on administrative topics; Directives pour le remplissage des fiches du système de suivi et d'informations sanitaires ou des registres Instructions on the completion of monitoring files, registers, SNIS, etc.; Nothing; Discussion on my performance and /or my career; Facility supervision; Other, specify	Ne lisez pas les options a haute voix. Plusieurs réponses possible; Enquêteur: Notez "1" si mentionné et "2" si non mentionné	Do not read options out load. Multiple answers possible; Interviewer: Record 1 if mentioned and 2 if not mentioned
f2_1113	Durant les 12 derniers mois, avez-vous discuté d'une quelconque difficulté de service avec votre évaluateur externe?	Oui=1; Non=2	In the last 12 months, have you discussed any difficulties regarding your work/workplace with your external supervisor?	Yes=1; No=2	Réponse=2 ► (12,01)	Response=2 ► (12,01)
f2_1114	Après vos entrevues, avez-vous constaté beaucoup d'améliorations, quelques améliorations ou pas d'améliorations du tout?	Beaucoup d'améliorations=1; Quelques améliorations=2; Aucune amélioration=3	Have you noted substantial improvements, some improvements, or no improvements after these discussions?	Substantial improvements=1; Some improvements=2; No improvements=3		

Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
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Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
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Je vais à présent vous lire le troisième scénario.-----Une adolescente emmène sa jeune sœur âgée de 13 mois dans votre FORMATION SANITAIRE. Elle déclare que sa sœur tousse depuis 5 jours et fait de la fièvre depuis la veille. Elle se souvient que sa sœur a eu une éruption cutanée généralisée il y a environ 1 mois et que les voisins au village avaient dit qu'elle souffrait de rougeole. Sa mère continue d'allaiter sa sœur au lait maternel. Il n'y a pas de paludisme dans la zone où ils vivent. L'agent de santé a pesé l'enfant (8,5kg) et pris sa température (38,8°C) Il a compté les battements cardiaques par minute et a constaté un tirage sous-costal. Pas d'autres découvertes cliniques anormales constatées. La carte de vaccination montre que l'enfant est complètement vacciné et a reçu de la vitamine A il y a 4 mois.

I will now read the third scenario to you. -----

A teenage girl takes her younger sister aged 13 months to your health facility. She said that her sister has been coughing for 5 days and a fever since yesterday. She remembers that her sister had had a generalized rash about one month ago and that the neighbors in the village had told she was suffering from measles. Her mother is still breastfeeding her sister. There is no malaria in the area where they live. The health worker has weighed the child (8.5 kg) and taken her temperature (38.8 ° C). He has counted the heart beats per minute and found an indrawing chest. No other abnormal clinical findings were observed. The vaccination card shows that the child is fully vaccinated and has received vitamin A 4 months ago.

Questionnaire F2

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Questionnaire F2

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Questionnaire F2

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
	Dans la section suivante, nous voulons parler des initiatives concernant l'amélioration de l'accès aux soins et services de santé pour les indigents.		In the following section, we would like to talk about several initiatives intended to improve access to health care services for the poor (indigent).			
	Un indigent est un démuné extrême, socialement et économiquement incapable de se prendre en charge et sans soutien interne ou externe.		Somebody is poor (indigent) if they are extremely poor financially, socially and economically unable to take care of themselves, and without help interne ou externe.			
f2_1201	Les directives de planification de la Direction des Études et de la Planification depuis 2009 demandent que chaque CSPS utilise 200.000 FCFA par an pour l'exemption du paiement des indigents. Êtes vous au courant de cette directive?	Oui=1; Non=2	The planning guidelines of the Direction des Études et de la Planification require since 2009 that each CSPS utilizes 200.000 FCFA per year to exempt the poor (indigent) from payment. Do you know about this guideline?	Yes=1; No=2	Réponse=2 ► (12,09)	Response=2 ► (12,09)
					ENQUÊTEUR: Posez les questions (12,02) à (12,08) seulement s'il s'agit du ICP ou responsable CMA/CHR	Ask the questions (12,02) to (12,08) if the respondent is the head of the health facility
f2_1202	L'avez-vous déjà appliqué dans votre CSPS?	Oui=1; Non=2	Have you already implemented it in your CSPS?	Yes=1; No=2	Réponse=1 ► (12,09)	Response=1 ► (12,09)
	Si non, pourquoi?		If no, why not?			
f2_1203	Absence de critères d'indigence	Mentioné = 1, Non mentioné = 2	Defining criteria for poverty (indigence) do not exist;		Plusieurs options possible. Pour chaque option, notez si l'agent de sante a déclaré cette action ou pas. Mentionne....1; Pas mentionne....2	Several answer options are possible. For each option, record if the health worker has mentioned it or not. Mentioned....1; Not mentioned....2
f2_1204	Pas de moyens financiers	Mentioné = 1, Non mentioné = 2	No financial means;			
f2_1205	Difficultés d'identifier les indigents	Mentioné = 1, Non mentioné = 2	Difficulties in identifying the poor (indigents)			
f2_1206	Pas d'indigents	Mentioné = 1, Non mentioné = 2	No poor (indigents)			
f2_1207	Pas utile	Mentioné = 1, Non mentioné = 2	Not useful			
f2_1208	Autre, précisez:		Other, specify			

Questionnaire F2

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f2_1209	Dans le cadre de la subvention nationale des accouchements depuis 2007, il est prévu que 20% des femmes enceintes soient considérées comme indigentes et donc exemptées du paiement des 900 F CFA. Êtes vous au courant de cette directive?	Oui=1; Non=2	In the context of the national subsidy program for deliveries introduced in 2007, 20% of pregnant women are to be considered as poor (indigente) and thus exempted from paying the 900 FCFA. Do you know about this guideline?	Yes=1; No=2	Réponse=2 ► (12,17)	Response=2 ► (12,17)
f2_1210	L'avez-vous déjà appliqué dans votre CSPS?	Oui=1; Non=2	Have you already implemented it in your CSPS?	Yes=1; No=2	Réponse=1 ► (12,17)	Response=1 ► (12,17)
	Si non, pourquoi?		If no, why not?		Plusieurs options possible. Pour chaque option, notez si l'agent de sante a déclaré cette action ou pas. Mentionne.....1; Pas mentionne.....2	
f2_1211	Absence de critères d'indigence	Mentionné = 1, Non mentionné = 2	Defining criteria for poverty (indigence) do not exist;	Mentionned = 1, Not mentionned = 2		Several answer options are possible. For each option, record if the health worker has mentioned it or not. Mentioned.....1; Not mentioned.....2
f2_1212	Pas de moyens financiers	Mentionné = 1, Non mentionné = 2	No financial means;	Mentionned = 1, Not mentionned = 2		
f2_1213	Difficultés d'identifier les indigents	Mentionné = 1, Non mentionné = 2	Difficulties in identifying the poor (indigents)	Mentionned = 1, Not mentionned = 2		
f2_1214	Pas d'indigents	Mentionné = 1, Non mentionné = 2	No poor (indigents)	Mentionned = 1, Not mentionned = 2		
f2_1215	Pas utile	Mentionné = 1, Non mentionné = 2	Not useful	Mentionned = 1, Not mentionned = 2		
f2_1216	Autre, précisez:		Other, specify			
f2_1217	Il existe plusieurs manières d'identifier les indigents, s'il fallait l'organiser dans votre CSPS, laquelle des propositions suivantes préféreriez vous?	Au centre de santé par des infirmiers avec des critères d'indigence définis au préalable=1; Par les communautés dans chaque village de manière participative=2; Par les COGES avec l'aide de critères définis au préalable=3; Par les agents de l'Action sociale départementale ou provinciale=4; Par le service social communal avec l'aide de critères définis au préalable=5	Several ways of identifying the poor (indigents) exist. If you had to organize such identification in your CSPS, which of the following ways would you prefer?	At the CSPS by nurses with predefined poverty criteria=1; By the communities in each village in a participatory manner=2; By the COGES with predefined poverty criteria=3; By Action Sociale (departmental ou provinciale) staff=4; By the communal social service with predefined poverty criteria=5		
f2_1218	Imaginez que l'on organise un mécanisme permettant aux indigents de votre aire de santé d'être exempté du paiement des soins. Quel pourcentage de la population serait considéré comme indigent et recevrait les soins gratuitement ? Les CSPS seraient intégralement remboursés de cette gratuité?	1%=1; 5%=2; 10%=3; 20%=4; 25%=5	Imagine that we would organize a mechanism that would exempt the poor in your catchment area from paying user fees. Which percentage of the population would be considered poor and receive services free of charge? The CSPS will be fully reimbursed for such services provided free of charge.	1%=1; 5%=2; 10%=3; 20%=4; 25%=5		

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f2_1219	Imaginons un système de couverture santé universelle qui prendrait en charge toutes les personnes, c'est-à-dire les riches, les plus modestes et les indigents. Les contributions financières pour faire fonctionner le système seraient obligatoires. Les paiements se feraient à une date fixe, et tout le monde payerait, que la personne soit malade ou pas. Mais tous bénéficieraient des mêmes soins et services en cas de besoin. En vous référant aux dessins, indiquez-nous comment devrait être fixée cette contribution obligatoire. Vous ne pouvez choisir qu'une seule réponse.	Tout le monde paye le même MONTANT, quel que soit son revenu ou son niveau de richesse.=1; Tout le monde paye la même PROPORTION de son revenu ou sa richesse=2; Les indigents payent très peu, la classe moyenne paye comme dans le scénario 1 et 2 et les riches prennent en charge la majeure partie des coûts=3; Les indigents ne paient rien, les autres payent tous la même PROPORTION de leur revenu ou richesse=4	Let's imagine a system of universal health coverage that takes care of everybody, the rich, the less wealthy, and the poor. In order to make this system function, everybody is required to contribute financially. Payments are due on a fixed date, and everybody pays, whether the person is ill or not. Everybody benefits from the same health care services in case of need. Referring to the drawings, please indicate how this mandatory financial contribution should be determined. You can choose one single option only.	Everybody pays the SAME AMOUNT, regardless of their income or wealth.=1; Everybody pays the SAME PROPORTION of their income or wealth.=2; The poor pay very little, the middle classes pay as in scenario 1 and 2, and the rich take care of the largest share of costs.=3; The POOR do NOT pay AT ALL, everybody else pays the SAME PROPORTION of their income or wealth.=4	Utilisez l'aide visuelle	Use the visual aid
	Parmi les personnes et organisations suivantes, en qui auriez-vous le plus confiance et le moins confiance pour gérer les cotisations obligatoires du système de couverture santé universel?		Out of the following persons and organizations, who would you trust the most and the least to manage the mandatory financial contributions in the universal health coverage system?			
f2_1220	Le plus	Les villageois=1; Une ONG (association, groupement, ...)=2; Une mutuelle=3, La mairie/commune=4; Le COGES du CSPS=5; L'Etat (niveau central ou périphérie)=6	The most	The villagers=1; An NGO (association, group, ...) =2; A mutual insurance association=3, Local government (mairie/commune)=4; The COGES of the CSPS=5; The government (central or decentral level)=6	Plus	Plus
f2_1221	Le moins	Les villageois=1; Une ONG (association, groupement, ...)=2; Une mutuelle=3, La mairie/commune=4; Le COGES du CSPS=5; L'Etat (niveau central ou périphérie)=6	The least	The villagers=1; An NGO (association, group, ...) =2; A mutual insurance association=3, Local government (mairie/commune)=4; The COGES of the CSPS=5; The government (central or decentral level)=6	Moins	Moins
	Si vous deviez choisir de donner l'exemption du paiement pour un groupe de personnes, qui voudriez vous choisir le plus ou le moins?		If you had to choose to exempt one group of people from paying fees for health services, which one would be your first choice, and which one your last?			
f2_1222	Le plus	Les enfants de moins de 5 ans=1; Les femmes enceintes=2; Les personnes de plus de 60 ans=3, Les indigents=4; Les hommes en âge de productivité=5; Le personnel de santé=6; Autre, précisez=7	The most	Children under 5=1; Pregnant women=2; Person older than 60 years=3, The poor=4; Men of productive age=5; Health personnel=6; Others, specify=7	Plus	Plus
f2_1223	Le moins	Les enfants de moins de 5 ans=1; Les femmes enceintes=2; Les personnes de plus de 60 ans=3, Les indigents=4; Les hommes en âge de productivité=5; Le personnel de santé=6; Autre, précisez=7	The least		Moins	Moins

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	A combien de SEMAINES/MOIS l'enfant doit-il recevoir les vaccins suivants?		At which age (WEEKS/MONTHS) should a child receive the following vaccinations?	A= BCG / VPO 0(Weeks); B= VPO 1 / PENTA1 (Weeks); C= VPO 2 / PENTA2 (Weeks); D=VPO 3 / PENTA3 (Weeks); E= Measles / yellow fever (Months)	Il est très important que l'agent de santé n'ai pas accès à la fiche d'enquête ou vous notez ses réponses. Plusieurs options ne devront pas être lues à haute voix, d'où l'importance de les cacher. En cas de besoin, l'agent de santé pourra s'éloigner pour aller soigner des malades mais seulement après avoir répondu à toutes les questions concernant le scénario. Ne le laissez pas partir avec un scénario avant d'avoir posé toutes les questions qui lui correspondent	It is very important that the health worker does not see the survey form where you are recording his/her answers. Many of the options should not be read aloud and therefore it is important that he/she cannot see them. If necessary, the health worker may leave to take care of a patient, however only after asking all of the questions pertaining to a case scenario. Do not let the health worker leave with a case scenario before having asked all the questions pertaining to this scenario
f2_1301_a	A= BCG / VPO 0 (Semaines)					
f2_1301_b	B= VPO 1 / PENTA1 (Semaines)					
f2_1301_c	C= VPO 2 / PENTA2 (Semaines)					
f2_1301_d	D= VPO 3 / PENTA3 (Semaines)				Commencez par lire les phrases suivantes à l'attention des agents de santé	Start by reading the following statement to the health worker:
f2_1301_e	E= Rougeole / Fièvre Jaune (Mois)				Les questions suivantes constituent une évaluation de vos connaissances des protocoles thérapeutiques élémentaires. Cette évaluation n'aura aucune incidence sur votre emploi au sein de cette formation sanitaire ou votre réputation d'agent de santé. Il s'agit simplement d'un outil qui permettra au Ministère de la Santé de recueillir des informations en vue d'améliorer la formation des agents de santé dans le futur. Je vais vous présenter des situations susceptibles de se présenter dans une formation sanitaire. Veuillez répondre à ces questions au moyen de vos connaissances.	The following set of questions are an assessment of your knowledge of basic therapeutic protocols. This assessment will not affect your employment at this facility, nor does it affect your standing as a practitioner in this area. It's simply a tool that allows the Ministry of Health to collect information in order to improve training of health workers in the future. I will present you with situations that you would observe in the clinic. Please answer the questions to the best of your knowledge.
	A partir de quel âge en mois et jusqu'à quel âge en mois peut-on donner à l'enfant les capsules de vitamine A?		From which age in months to which age in months can children be given Vitamin A capsules?	A= From ... months on (Months); B= To ... months (Months)		
f2_1302_a	A = A partir de ... mois (Mois)					
f2_1302_b	B = Jusqu'à ... mois (Mois)					
f2_1303	Imaginez qu'une mère vous apporte son bébé âgé de 9 mois pour une vaccination de routine. Vous vous rendez compte que l'enfant fait de la fièvre, a la gorge rouge, et le rhume, mais ne montre pas de signe d'autres maladies. Allez-vous le vacciner?	Oui=1; Non=2	Imagine that a mother brings you her 9 months old baby for routine vaccinations. You notice that the child has a fever, red throat, and a cold, but it doesn't show other signs of disease. Do you vaccinate the child?	Yes=1; No=2		

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	A présent, je vais vous lire le premier scénario. ----- Une fillette âgée de 25 mois et pesant 10,5 kg est amenée à la formation sanitaire parce que depuis le matin elle est endormie et on n'arrive pas à la réveiller. Elle n'a ni mangé ni bu depuis la veille. La mère vous répond que sa fille n'a pas vomé et n'a pas fait de convulsions mais fait de la diarrhée depuis 6 jours approximativement. Elle a également eu de la fièvre pendant 3 jours et le nez qui coulait. L'agent de santé a examiné l'enfant et a confirmé qu'elle était léthargique. L'agent de santé a également pincé la peau et le pli cutané s'est effacé très lentement. Il n'y a pas de choléra dans cette zone à ce moment.		I will now read the first scenario to you. ----- A 25 months old girl weighing 10.5 kg is brought to the facility because she has been sleeping since the morning and cannot be woken up. She has not eaten or drunk since yesterday. The mother tells you that her daughter has not vomited and did not have seizures, but has had diarrhea since approximately 6 days. She has also had a fever since 3 days ago and a running nose. The health worker has examined the child and confirmed that she is lethargic. The health worker has confirmed tenting of the skin (has pinched and the skin receded slowly). There is no cholera in the area at the moment.		Les questions suivantes correspondent à des scénarios auxquels l'agent de santé pourrait être confronté. Lisez les scénarios et les questions exactement tels qu'ils ont été formulés pour chacun des scénarios. Ne pas lire les options de réponses. Pour certaines questions, plusieurs réponses sont possibles, dans ce cas, entourer toutes les réponses données par l'agent de santé. Une fois que l'agent de santé a fini de répondre aux questions, posez la question suivante: "Avez-vous autre chose à ajouter?" S'il y a des réponses supplémentaires, noter les convenablement sur la fiche d'enquête. Faites attention, suivez bien les sauts tels qu'ils sont indiqués.	The following questions correspond to a clinical case scenario that the health worker could expect to observe in the clinic. Read out the scenarios and the questions exactly as they are printed for each scenario. Do not read the answer options. For certain questions, multiple answers are possible; in this case, circle all answers given by the health worker. After the health worker has finished answering the question, ask "anything else?". If additional answers are given at that time, make due record of them on the survey form. Pay attention to the indicated skips.
	En supposant que tous les médicaments nécessaires sont disponibles au sein de la formation sanitaire, et qu'une formation sanitaire de référence se trouve à une heure de vous, quelles sont TOUTES les actions que vous allez mener et / ou prescriptions que vous allez donner afin d'assurer un traitement approprié à cet enfant?		Assuming that all the needed drugs are in stock in the health facility, and that there is a referral hospital available one hour away, what are ALL the actions and/or prescriptions you would take to provide this child with the most appropriate initial and life-saving treatments?		Ne lisez pas à haute voix. Pour chaque option, notez si l'agent de santé s'est déclaré cette action ou pas.	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned.
f2_1304_a	A = Demander que le malade soit référé d'urgence à l'hôpital	Mentionné.....1; Non mentionné.....2	A=advise emergency referral to the hospital	Mentioned.....1; Mentioned.....2		
f2_1304_b	B = Lui administrer un soluté lactate ringier ou soluté salé par voie IV (perfusion)	Mentionné.....1; Non mentionné.....2	B= administer lactated ringier's or normal saline solution by IV	Mentioned.....1; Mentioned.....2		
f2_1304_c	C = Lui administrer un liquide par sonde nasogastrique	Mentionné.....1; Non mentionné.....2	C = give fluid by nasal tube	Mentioned.....1; Mentioned.....2		
f2_1304_d	D = Administrer une dose d'antibiotique injectable	Mentionné.....1; Non mentionné.....2	D= inject one dose of antibiotic	Mentioned.....1; Mentioned.....2		
f2_1304_e	E = injecter une dose d'un second antibiotique	Mentionné.....1; Non mentionné.....2	E= inject one dose of a second antibiotic	Mentioned.....1; Mentioned.....2		
f2_1304_f	F = Prescrire un antibiotique injectable pendant 5 jours	Mentionné.....1; Non mentionné.....2	F= prescribe an injectable antibiotic for 5 days	Mentioned.....1; Mentioned.....2		
f2_1304_g	G = Donner une dose d'un antibiotique par voie orale	Mentionné.....1; Non mentionné.....2	G= give one dose of oral antibiotic	Mentioned.....1; Mentioned.....2		
f2_1304_h	H = Prescrire des antibiotiques oraux pendant 5 jours	Mentionné.....1; Non mentionné.....2	H= prescribe an oral antibiotic for 5 days	Mentioned.....1; Mentioned.....2		
f2_1304_i	I= Injecter une dose de quinine par voie IV	Mentionné.....1; Non mentionné.....2	I= administer a dose of quinine by IV	Mentioned.....1; Mentioned.....2		
f2_1304_j	J= Donner une dose d'un antipaludéen oral	Mentionné.....1; Non mentionné.....2	J= give one dose of oral antimalarial	Mentioned.....1; Mentioned.....2		
f2_1304_k	K= Prescrire de la quinine orale pendant 5 jours	Mentionné.....1; Non mentionné.....2	K= prescribe oral quinine for 5 days	Mentioned.....1; Mentioned.....2		
f2_1304_l	L= Prescrire des antipaludéens oraux pendant 3 jours	Mentionné.....1; Non mentionné.....2	L= prescribe oral antimalarials for 3 days	Mentioned.....1; Mentioned.....2		
f2_1304_m	M = Administrer du SRO au centre de santé	Mentionné.....1; Non mentionné.....2	M= administer ORS at health center	Mentioned.....1; Mentioned.....2		
f2_1304_n	N= Conseiller de donner du SRO sur le chemin de l'hôpital	Mentionné.....1; Non mentionné.....2	N= advise to give ORS on the way to hospital	Mentioned.....1; Mentioned.....2		

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f2_1304_o	O= Prescrire du SRO pour le traitement à domicile	Mentionné.....1; Non mentionné.....2	O= prescribe ORS for home administration	Mentioned.....1; Mentioned.....2		
f2_1304_p	P= Donner une dose de paracétamol	Mentionné.....1; Non mentionné.....2	P= give dose of paracetamol	Mentioned.....1; Mentioned.....2		
f2_1304_q	Q= Prescrire du paracétamol pour le traitement à domicile	Mentionné.....1; Non mentionné.....2	Q= prescribe paracetamol for treatment at home	Mentioned.....1; Mentioned.....2		
f2_1304_r	R= Donner une dose de vitamine A	Mentionné.....1; Non mentionné.....2	R= give dose of Vitamin A; observe)	Mentioned.....1; Mentioned.....2		
f2_1304_s	S= Prendre les mesures requises pour éviter l'hypoglycémie	Mentionné.....1; Non mentionné.....2	S= take necessary measures to avoid hypoglycemia	Mentioned.....1; Mentioned.....2		
f2_1304_t	T= Conseiller de poursuivre l'allaitement maternel	Mentionné.....1; Non mentionné.....2	T= advise to continue breastfeeding	Mentioned.....1; Mentioned.....2		
f2_1304_u	U= Conseiller de donner des aliments et boissons autres que le lait maternel	Mentionné.....1; Non mentionné.....2	U= advise to give food / drinks other than breast milk;	Mentioned.....1; Mentioned.....2		
f2_1304_v	V= surveiller étroitement le patient au centre de santé (admission, observation)	Mentionné.....1; Non mentionné.....2	V= monitor patient closely in health center (admission, observation)	Mentioned.....1; Mentioned.....2		
f2_1304_w	W= Donner des conseils pour la prévention du paludisme;	Mentionné.....1; Non mentionné.....2	W= give advice on malaria prevention	Mentioned.....1; Mentioned.....2		
f2_1304_x	X= demander que l'on mette l'enfant au froid;	Mentionné.....1; Non mentionné.....2	X= ask to keep the baby cool	Mentioned.....1; Mentioned.....2		
f2_1304_y	Y= Donner des conseils par rapport à la période de retour à la clinique/chez le prestataire pour le suivi	Mentionné.....1; Non mentionné.....2	Y= advise on when to return to health facility for follow-up	Mentioned.....1; Mentioned.....2		
	Je vais à présent vous lire le deuxième scénario. ----- Un papa se présente à la formation sanitaire avec son fils de 29 mois parce qu'il a de la fièvre depuis 3 jours et un écoulement d'oreille depuis la semaine dernière. L'enfant ne présente pas d'autres symptômes et nous sommes en saison sèche donc le risque de paludisme est faible. L'agent de santé a découvert que la température de l'enfant est de 38,2°C et a constaté un écoulement à l'oreille droite. L'agent de santé a constaté que le cou de l'enfant était raide et qu'il y avait une zone sensible derrière l'oreille droite. L'enfant a un poids normal et a reçu toutes les doses de vaccin pour son âge. Il n'y a pas d'autres éléments cliniques anormaux.		I will now read the second scenario to you. ----- A father presents to the health facility with his son of 29 months because he has had a fever since 3 days ago and discharge from the ear since last week. The child does not have any other symptoms and the risk for malaria is low because we are in the dry season. The health worker has found the child's temperature to be 38.2° and has noticed discharge from the right ear. The health worker also noticed a stiff neck and a sensitive spot behind the right ear. The child has normal weight and has received all vaccinations for his age. There are no other abnormal clinical findings.			
	En supposant que tous les médicaments nécessaires sont disponibles dans cette formation sanitaire, et qu'une formation sanitaire de référence se trouve à une heure de vous, quelles sont TOUTES les actions que vous allez mener et / ou prescriptions que vous allez donner afin d'assurer un traitement approprié à cet enfant?		Assuming that all the needed drugs are in stock in the health facility, and that there is a referral hospital available one hour away, what are ALL the actions and/or prescriptions you would take to provide this child with the most appropriate treatments?		Ne lisez pas les options à haute voix. Pour chaque option, mentionner si l'agent de santé a cité cette action ou pas;	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned.

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_1305_a	A = Demander que le malade soit référé d'urgence à l'hôpital	Mentionné.....1; Non mentionné.....2	A=advise emergency referral to the hospital	Mentioned.....1; Mentioned.....2		
f2_1305_b	B = Lui administrer un soluté lactate ringer ou soluté salé par voie IV (perfusion)	Mentionné.....1; Non mentionné.....2	B= administer lactated ringer's or normal saline solution by IV	Mentioned.....1; Mentioned.....2		
f2_1305_c	C = Lui administrer un liquide par sonde nasogastrique	Mentionné.....1; Non mentionné.....2	C = give fluid by nasal tube	Mentioned.....1; Mentioned.....2		
f2_1305_d	D = Administrer une dose d'antibiotique injectable	Mentionné.....1; Non mentionné.....2	D= inject one dose of antibiotic	Mentioned.....1; Mentioned.....2		
f2_1305_e	E = injecter une dose d'un second antibiotique	Mentionné.....1; Non mentionné.....2	E= inject one dose of a second antibiotic	Mentioned.....1; Mentioned.....2		
f2_1305_f	F = Prescrire un antibiotique injectable pendant 5 jours	Mentionné.....1; Non mentionné.....2	F= prescribe an injectable antibiotic for 5 days	Mentioned.....1; Mentioned.....2		
f2_1305_g	G = Donner une dose d'un antibiotique par voie orale	Mentionné.....1; Non mentionné.....2	G= give one dose of oral antibiotic	Mentioned.....1; Mentioned.....2		
f2_1305_h	H = Prescrire des antibiotiques oraux pendant 5 jours	Mentionné.....1; Non mentionné.....2	H= prescribe an oral antibiotic for 5 days	Mentioned.....1; Mentioned.....2		
f2_1305_i	I= Injecter une dose de quinine par voie IV	Mentionné.....1; Non mentionné.....2	I= administer a dose of quinine by IV	Mentioned.....1; Mentioned.....2		
f2_1305_j	J= Donner une dose d'un antipaludéen oral	Mentionné.....1; Non mentionné.....2	J= give one dose of oral antimalarial	Mentioned.....1; Mentioned.....2		
f2_1305_k	K= Prescrire de la quinine orale pendant 5 jours	Mentionné.....1; Non mentionné.....2	K= prescribe oral quinine for 5 days	Mentioned.....1; Mentioned.....2		
f2_1305_l	L= Prescrire des antipaludéens oraux pendant 3 jours	Mentionné.....1; Non mentionné.....2	L= prescribe oral antimalarials for 3 days	Mentioned.....1; Mentioned.....2		
f2_1305_m	M = Administrer du SRO au centre de santé	Mentionné.....1; Non mentionné.....2	M= administer ORS at health center	Mentioned.....1; Mentioned.....2		
f2_1305_n	N= Conseiller de donner du SRO sur le chemin de l'hôpital	Mentionné.....1; Non mentionné.....2	N= advise to give ORS on the way to hospital	Mentioned.....1; Mentioned.....2		
f2_1305_o	O= Prescrire du SRO pour le traitement à domicile	Mentionné.....1; Non mentionné.....2	O= prescribe ORS for home administration	Mentioned.....1; Mentioned.....2		
f2_1305_p	P= Donner une dose de paracétamol	Mentionné.....1; Non mentionné.....2	P= give dose of paracetamol	Mentioned.....1; Mentioned.....2		
f2_1305_q	Q= Prescrire du paracétamol pour le traitement à domicile	Mentionné.....1; Non mentionné.....2	Q= prescribe paracetamol for treatment at home	Mentioned.....1; Mentioned.....2		
f2_1305_r	R= Donner une dose de vitamine A	Mentionné.....1; Non mentionné.....2	R= give dose of Vitamin A; observe)	Mentioned.....1; Mentioned.....2		
f2_1305_s	S= Prendre les mesures requises pour éviter l'hypoglycémie	Mentionné.....1; Non mentionné.....2	S= take necessary measures to avoid hypoglycemia	Mentioned.....1; Mentioned.....2		
f2_1305_t	T= Conseiller de poursuivre l'allaitement maternel	Mentionné.....1; Non mentionné.....2	T= advise to continue breastfeeding	Mentioned.....1; Mentioned.....2		
f2_1305_u	U= Conseiller de donner des aliments et boissons autres que le lait maternel	Mentionné.....1; Non mentionné.....2	U= advise to give food / drinks other than breast milk;	Mentioned.....1; Mentioned.....2		
f2_1305_v	V= surveiller étroitement le patient au centre de santé (admission, observation)	Mentionné.....1; Non mentionné.....2	V= monitor patient closely in health center (admission, observation)	Mentioned.....1; Mentioned.....2		
f2_1305_w	W= Donner des conseils pour la prévention du paludisme;	Mentionné.....1; Non mentionné.....2	W= give advice on malaria prevention	Mentioned.....1; Mentioned.....2		
f2_1305_x	X= demander que l'on mette l'enfant au froid;	Mentionné.....1; Non mentionné.....2	X= ask to keep the baby cool	Mentioned.....1; Mentioned.....2		
f2_1305_y	Y= Donner des conseils par rapport à la période de retour à la clinique/chez le prestataire pour le suivi	Mentionné.....1; Non mentionné.....2	Y= advise on when to return to health facility for follow-up	Mentioned.....1; Mentioned.....2		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
	Je vais à présent vous lire le troisième scénario. -----Une adolescente emmène sa jeune sœur âgée de 13 mois dans votre FORMATION SANITAIRE. Elle déclare que sa sœur tousse depuis 5 jours et fait de la fièvre depuis la veille. Elle se souvient que sa sœur a eu une éruption cutanée généralisée il y a environ 1 mois et que les voisins au village avaient dit qu'elle souffrait de rougeole. Sa mère continue d'allaiter sa sœur au lait maternel. Il n y a pas de paludisme dans la zone où ils vivent. L'agent de santé a pesé l'enfant (8,5kg) et pris sa température (38,8°C) Il a compté les battements cardiaques par minute et a constaté un tirage sous-costal. Pas d'autres découvertes cliniques anormales constatées. La carte de vaccination montre que l'enfant est complètement vacciné et a reçu de la vitamine A il y a 4 mois.		I will now read the third scenario to you. ----- A teenage girl takes her younger sister aged 13 months to your health facility. She said that her sister has been coughing for 5 days and a fever since yesterday. She remembers that her sister had had a generalized rash about one month ago and that the neighbors in the village had told she was suffering from measles. Her mother is still breastfeeding her sister. There is no malaria in the area where they live. The health worker has weighed the child (8.5 kg) and taken her temperature (38.8 ° C). He has counted the heart beats per minute and found an indrawing chest. No other abnormal clinical findings were observed. The vaccination card shows that the child is fully vaccinated and has received vitamin A 4 months ago.			
	En supposant que tous les médicaments nécessaires sont disponibles à la formation sanitaire, et qu'une formation sanitaire de référence se trouve à une heure de vous, quelles sont TOUTES les actions que vous allez mener et / ou prescriptions que vous allez donner afin d'assurer un traitement approprié à cet enfant?		Assuming that all the needed drugs are in stock in the health facility, and that there is a referral hospital available one hour away, what are ALL the actions and/or prescriptions you would take to provide this child with the most appropriate treatments?		Ne lisez pas le options a haute voix. Pour chaque option, mentionner si l'agent de sante a cité cette action ou pas;	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned.
f2_1306_a	A=La référer en urgence vers une formation sanitaire de reference	Mentionné.....1; Non mentionné.....2	A = emergency referral to referral facility	Mentioned.....1; Mentioned.....2		
f2_1306_b	B= Lui administrer un soluté lactate ringer ou soluté sale par voie IV (perfusion)	Mentionné.....1; Non mentionné.....2	B = administer lactated ringer's or normal saline solution by IV	Mentioned.....1; Mentioned.....2		
f2_1306_c	C= Lui administrer un liquide par sonde naso-gastrique	Mentionné.....1; Non mentionné.....2	C= give fluid by nasal tube	Mentioned.....1; Mentioned.....2		
f2_1306_d	D= Injecter une dose d'antibiotique	Mentionné.....1; Non mentionné.....2	D= inject one dose of antibiotic	Mentioned.....1; Mentioned.....2		
f2_1306_e	E= Injecter une dose d'un second antibiotique	Mentionné.....1; Non mentionné.....2	E= inject one dose of a second antibiotic	Mentioned.....1; Mentioned.....2		
f2_1306_f	F= Prescrire un antibiotique injectable pendant 5 jours	Mentionné.....1; Non mentionné.....2	F= prescribe an injectable antibiotic for 5 days	Mentioned.....1; Mentioned.....2		
f2_1306_g	G= Donner une dose d'un antibiotique par voie orale	Mentionné.....1; Non mentionné.....2	G= give one dose of oral antibiotic	Mentioned.....1; Mentioned.....2		
f2_1306_h	H= Prescrire des antibiotiques oraux pendant 5 jours	Mentionné.....1; Non mentionné.....2	H= prescribe an oral antibiotic for 5 days	Mentioned.....1; Mentioned.....2		
f2_1306_i	I= Injecter une dose de quinine par voie IV	Mentionné.....1; Non mentionné.....2	I= administer a dose of quinine by IV	Mentioned.....1; Mentioned.....2		
f2_1306_j	J= Donner une dose d'un antipaludéen oral	Mentionné.....1; Non mentionné.....2	J= give one dose of oral antimalarial	Mentioned.....1; Mentioned.....2		
f2_1306_k	K= Prescrire de la quinine orale pendant 5 jours	Mentionné.....1; Non mentionné.....2	K= prescribe oral quinine for 5 days	Mentioned.....1; Mentioned.....2		
f2_1306_l	L= Prescrire des antipaludéen oraux pendant 3 jours	Mentionné.....1; Non mentionné.....2	L= prescribe oral antimalarials for 3 days	Mentioned.....1; Mentioned.....2		
f2_1306_m	M= Administrer du SRO au centre de santé	Mentionné.....1; Non mentionné.....2	M= administer ORS at health center	Mentioned.....1; Mentioned.....2		
f2_1306_n	N=Conseiller de donner du SRO sur le chemin de l'hôpital	Mentionné.....1; Non mentionné.....2	N= advise to give ORS on the way to hospital	Mentioned.....1; Mentioned.....2		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_1306_o	O= Prescrire du SRO pour le traitement à domicile	Mentionné.....1; Non mentionné.....2	O=prescribe ORS for home administration	Mentioned.....1; Mentioned.....2		
f2_1306_p	P= Donner une dose de paracétamol	Mentionné.....1; Non mentionné.....2	P= give dose of paracetamol	Mentioned.....1; Mentioned.....2		
f2_1306_q	Q= Prescrire du paracétamol pour le traitement à domicile	Mentionné.....1; Non mentionné.....2	Q= prescribe paracetamol for treatment at home	Mentioned.....1; Mentioned.....2		
f2_1306_r	R= Donner une dose de Vitamine A	Mentionné.....1; Non mentionné.....2	R= give dose of Vitamin A	Mentioned.....1; Mentioned.....2		
f2_1306_s	S= Prendre les mesures requises pour éviter l'hypoglycémie	Mentionné.....1; Non mentionné.....2	S= take necessary measures to avoid hypoglycemia	Mentioned.....1; Mentioned.....2		
f2_1306_t	T= Conseiller de poursuivre l'allaitement maternel	Mentionné.....1; Non mentionné.....2	T= advise to continue breastfeeding	Mentioned.....1; Mentioned.....2		
f2_1306_u	U= Conseiller de donner des aliments et boissons autre que le lait maternel	Mentionné.....1; Non mentionné.....2	U= advise to give food / drinks other than breast milk	Mentioned.....1; Mentioned.....2		
f2_1306_v	V = Demander que l'on mette l'enfant au froid	Mentionné.....1; Non mentionné.....2	V= ask to keep the baby cool	Mentioned.....1; Mentioned.....2		
f2_1306_w	W= Surveiller étroitement le patient au centre de santé (admission, observation)	Mentionné.....1; Non mentionné.....2	W= monitor patient closely in health center (admit, observe)	Mentioned.....1; Mentioned.....2		
f2_1306_x	X= Prendre les mesures requises pour prévenir le paludisme	Mentionné.....1; Non mentionné.....2	X= take necessary measures to prevent malaria	Mentioned.....1; Mentioned.....2		
f2_1306_y	Y= Donner des conseils par rapport à la période de retour à la clinique / chez le prestataire pour le suivi	Mentionné.....1; Non mentionné.....2	Y= advise on when to return to health facility for follow-up	Mentioned.....1; Mentioned.....2		
	A présent je vais vous lire le quatrième scénario. -----On vous apporte un garçon d'1 mois parce que depuis quelques temps il tousse et ne tète pas bien. L'enfant n'a pas fait de convulsions ni de diarrhée. Il se réveille difficilement, est léthargique et a froid. Sa respiration est bruyante et rapide, il a 64 cycles respiratoires par minute. Vous constatez un tirage sous-costal et vous entendez un son pénible et sifflant dans sa poitrine.		I will now read the fourth scenario to you. ----- A boy of one month is brought to you because he has been coughing and not drinking well for some time. The child has not had convulsions or diarrhea. He is hard to wake up, lethargic, and feels cool. His breathing is loud and fast, at 64 breaths per minute. You see his chest indrawing, and hear harsh wheezing sounds in his chest.			
	En supposant que tous les médicaments nécessaires sont disponibles à la formation sanitaire, et qu'une autre formation sanitaire de référence se trouve à une heure de vous, quelles sont TOUTES les actions que vous allez mener et / ou prescriptions que vous allez donner afin d'assurer un traitement approprié à cet enfant?		Assuming that all the needed drugs are in stock in the health facility, and that there is a referral hospital available one hour away, what are ALL the actions and/or prescriptions you would take to provide this child with the most appropriate treatments?		Ne lisez pas les options à haute voix. Pour chaque option, mentionner si l'agent de santé a cité cette action ou pas;	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned. Mentioned.....1; Mentioned.....2
f2_1307_a	A=La référer en urgence vers une formation sanitaire de référence	Mentionné.....1; Non mentionné.....2	A = emergency referral to referral facility	Mentioned.....1; Mentioned.....2		
f2_1307_b	B= Lui administrer un soluté lactate ringier ou soluté sale par voie IV (perfusion)	Mentionné.....1; Non mentionné.....2	B = administer lactated ringier's or normal saline solution by IV	Mentioned.....1; Mentioned.....2		
f2_1307_c	C= Lui administrer un liquide par sonde naso-gastrique	Mentionné.....1; Non mentionné.....2	C= give fluid by nasal tube	Mentioned.....1; Mentioned.....2		
f2_1307_d	D= Injecter une dose d'antibiotique	Mentionné.....1; Non mentionné.....2	D= inject one dose of antibiotic	Mentioned.....1; Mentioned.....2		
f2_1307_e	E= Injecter une dose d'un second antibiotique	Mentionné.....1; Non mentionné.....2	E= inject one dose of a second antibiotic	Mentioned.....1; Mentioned.....2		
f2_1307_f	F= Prescrire un antibiotique injectable pendant 5 jours	Mentionné.....1; Non mentionné.....2	F= prescribe an injectable antibiotic for 5 days	Mentioned.....1; Mentioned.....2		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_1307_g	G= Donner une dose d'un antibiotique par voie orale	Mentionné.....1; Non mentionné.....2	G= give one dose of oral antibiotic	Mentioned.....1; Mentioned.....2		
f2_1307_h	H= Prescrire des antibiotiques oraux pendant 5 jours	Mentionné.....1; Non mentionné.....2	H= prescribe an oral antibiotic for 5 days	Mentioned.....1; Mentioned.....2		
f2_1307_i	I= Injecter une dose de quinine par voie IV	Mentionné.....1; Non mentionné.....2	I= administer a dose of quinine by IV	Mentioned.....1; Mentioned.....2		
f2_1307_j	J= Donner une dose d'un antipaludéen oral	Mentionné.....1; Non mentionné.....2	J= give one dose of oral antimalarial	Mentioned.....1; Mentioned.....2		
f2_1307_k	K= Prescrire de la quinine orale pendant 5 jours	Mentionné.....1; Non mentionné.....2	K= prescribe oral quinine for 5 days	Mentioned.....1; Mentioned.....2		
f2_1307_l	L= Prescrire des antipaludéen oraux pendant 3 jours	Mentionné.....1; Non mentionné.....2	L= prescribe oral antimalarials for 3 days	Mentioned.....1; Mentioned.....2		
f2_1307_m	M= Administrer du SRO au centre de santé	Mentionné.....1; Non mentionné.....2	M= administer ORS at health center	Mentioned.....1; Mentioned.....2		
f2_1307_n	N=Conseiller de donner du SRO sur le chemin de l'hôpital	Mentionné.....1; Non mentionné.....2	N= advise to give ORS on the way to hospital	Mentioned.....1; Mentioned.....2		
f2_1307_o	O= Prescrire du SRO pour le traitement à domicile	Mentionné.....1; Non mentionné.....2	O=prescribe ORS for home administration	Mentioned.....1; Mentioned.....2		
f2_1307_p	P= Donner une dose de paracétamol	Mentionné.....1; Non mentionné.....2	P= give dose of paracetamol	Mentioned.....1; Mentioned.....2		
f2_1307_q	Q= Prescrire du paracétamol pour le traitement à domicile	Mentionné.....1; Non mentionné.....2	Q= prescribe paracetamol for treatment at home	Mentioned.....1; Mentioned.....2		
f2_1307_r	R= Donner une dose de Vitamine A	Mentionné.....1; Non mentionné.....2	R= give dose of Vitamin A	Mentioned.....1; Mentioned.....2		
f2_1307_s	S= Prendre les mesures requises pour éviter l'hypoglycémie	Mentionné.....1; Non mentionné.....2	S= take necessary measures to avoid hypoglycemia	Mentioned.....1; Mentioned.....2		
f2_1307_t	T= Conseiller de poursuivre l'allaitement maternel	Mentionné.....1; Non mentionné.....2	T= advise to continue breastfeeding	Mentioned.....1; Mentioned.....2		
f2_1307_u	U= Conseiller de donner des aliments et boissons autre que le lait maternel	Mentionné.....1; Non mentionné.....2	U= advise to give food / drinks other than breast milk	Mentioned.....1; Mentioned.....2		
f2_1307_v	V = Demander que l'on mette l'enfant au froid	Mentionné.....1; Non mentionné.....2	V= ask to keep the baby cool	Mentioned.....1; Mentioned.....2		
f2_1307_w	W= Surveiller étroitement le patient au centre de santé (admission, observation)	Mentionné.....1; Non mentionné.....2	W= monitor patient closely in health center (admit, observe)	Mentioned.....1; Mentioned.....2		
f2_1307_x	X= Prendre les mesures requises pour prévenir le paludisme	Mentionné.....1; Non mentionné.....2	X= take necessary measures to prevent malaria	Mentioned.....1; Mentioned.....2		
f2_1307_y	Y= Donner des conseils par rapport à la période de retour à la clinique / chez le prestataire pour le suivi	Mentionné.....1; Non mentionné.....2	Y= advise on when to return to health facility for follow-up	Mentioned.....1; Mentioned.....2		
	<p>je vais vous lire le cinquième scénario.-----</p> <p>Mme. Ouédraogo a 16 ans. Elle est enceinte de 30 semaines et est venue en consultation prénatale trois fois. Tout était dans les limites normales jusqu'à la dernière visite prénatale il y a 1 semaine. Aujourd'hui, sa pression artérielle est de 130/90 mm Hg. Absence de protéine dans les urines (proteinurie négative). Les bruits du cœur du fœtus sont normaux, le fœtus est actif et la taille de l'utérus est cohérente avec l'âge de la grossesse.</p>		<p>I will now read the fifth scenario to you. -----</p> <p>Mme Ouédraogo is 16 years old. She is 30 weeks pregnant and has attended the antenatal clinic three times. All findings were within normal limits up to the last antenatal care visit one week ago. Today her blood pressure was 130/90 mm Hg. Her urine was negative for protein. The fetal heart sounds were normal, the fetus was active and uterine size was consistent with dates.</p>			

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
	En conseillant Mme Ouédraogo à propos des signes alarmants, quels signes lui demanderez-vous d'observer et qui signifieront qu'elle doit aller à la formation sanitaire immédiatement, de jour ou de nuit, <u>sans attendre</u> ?		In giving Mme Ouédraogo advice about danger signs, what signs do you tell her about that mean she should go to the hospital/health center immediately, day or night, without waiting?		Ne lisez pas le options a haute voix. Pour chaque option, mentionner si l'agent de sante a cité cette action ou pas;	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned.
f2_1308_a	A=Saignements vaginaux	Mentionné.....1; Non mentionné.....2	A= vaginal bleeding	Mentioned.....1; Mentioned.....2		
f2_1308_b	B=Convulsions	Mentionné.....1; Non mentionné.....2	B= convulsions / seizures	Mentioned.....1; Mentioned.....2		
f2_1308_c	C=Maux de tête sévères ou troubles de la vision	Mentionné.....1; Non mentionné.....2	C= severe headache or blurry vision	Mentioned.....1; Mentioned.....2		
f2_1308_d	D=Fièvre et trop faible pour se lever du lit	Mentionné.....1; Non mentionné.....2	D= fever and severe weakness (so one cannot get out of bed)	Mentioned.....1; Mentioned.....2		
f2_1308_e	E= Douleurs abdominales sévères	Mentionné.....1; Non mentionné.....2	E= severe abdominal pain	Mentioned.....1; Mentioned.....2		
f2_1308_f	F= Respiration rapide ou difficile	Mentionné.....1; Non mentionné.....2	F= breathing difficulties	Mentioned.....1; Mentioned.....2		
f2_1308_g	G= Fièvre (seule)	Mentionné.....1; Non mentionné.....2	G= fever (only)	Mentioned.....1; Mentioned.....2		
f2_1308_h	H=Douleurs abdominales	Mentionné.....1; Non mentionné.....2	H= abdominal pain	Mentioned.....1; Mentioned.....2		
f2_1308_i	I=Se sent malade	Mentionné.....1; Non mentionné.....2	I= feeling ill	Mentioned.....1; Mentioned.....2		
f2_1308_j	J=Face, doigts, pieds enflés	Mentionné.....1; Non mentionné.....2	J= swelling of legs/calves/face/fingers	Mentioned.....1; Mentioned.....2		
f2_1308_k	K= Autre, spécifier		K= other, specify	Mentioned.....1; Mentioned.....2		
	je vais vous lire le sixième scénario. -----Mme Farida a eu une deuxième étape prolongée de travail. Son bébé a présenté un état de souffrance foetale et elle a accouché aux forceps. il est flasque et ne respire pas spontanément à l'accouchement.		I will now read the sixth scenario to you. ----- - Mme Farida had a prolonged second stage of labor. Her baby developed fetal distress and was just delivered by vacuum extraction. He is now limp and does not breathe spontaneously at birth.			
	Décrivez toutes les actions que vous allez entreprendre pour réanimer le bébé pendant qu'il ne respire pas.		Describe all actions you are going to take to reanimate the baby while it is not breathing.		Ne lisez pas le options a haute voix. Pour chaque option, mentionner si l'agent de sante a cité cette action ou pas;	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned.
f2_1309_a	A= Garder le bébé au chaud	Mentionné.....1; Non mentionné.....2	A= keep baby warm			
f2_1309_b	B= Pincer et couper le cordon si nécessaire	Mentionné.....1; Non mentionné.....2	B= clamp or cut cord if necessary	Mentioned.....1; Mentioned.....2		
f2_1309_c	C= Transférer le bébé sur une surface sèche, propre et chaude	Mentionné.....1; Non mentionné.....2	C= put baby on a dry, clean, and warm surface	Mentioned.....1; Mentioned.....2		
f2_1309_d	D = Recours à un supérieur hiérarchique pour assister le cas	Mentionné.....1; Non mentionné.....2	D= call for senior person to help with case	Mentioned.....1; Mentioned.....2		
f2_1309_e	E=Informer la mère que le bébé a des difficultés à respirer et que vous allez aider le bébé afin qu'il respire	Mentionné.....1; Non mentionné.....2	E= inform mother that the baby is having trouble breathing and that you will provide help	Mentioned.....1; Mentioned.....2		
f2_1309_f	F = Garder le bébé enveloppé (et si possible sous un appareil de chauffage)	Mentionné.....1; Non mentionné.....2	F= wrap baby (and use radiant heater if possible)	Mentioned.....1; Mentioned.....2		
f2_1309_g	G = Ouvrir les voies d'aération	Mentionné.....1; Non mentionné.....2	G= open the baby's mouth/airways; H= position the head so it is slightly elevated	Mentioned.....1; Mentioned.....2		
f2_1309_h	H = Positionner la tête de façon à ce qu'elle soit légèrement surélevée	Mentionné.....1; Non mentionné.....2	H: Position the head so as that it is slightly elevated	Mentioned.....1; Mentioned.....2		

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
f2_1309_i	I = Aspirer d'abord la bouche et ensuite le nez	Mentionné.....1; Non mentionné.....2	I= ventilate the baby first via mouth and then via nose	Mentioned.....1; Mentioned.....2		
f2_1309_j	J=Répéter l'aspiration si nécessaire	Mentionné.....1; Non mentionné.....2	J= repeat ventilation if necessary	Mentioned.....1; Mentioned.....2		
f2_1309_k	K=Ventiler le bébé	Mentionné.....1; Non mentionné.....2	K= ventilate the baby	Mentioned.....1; Mentioned.....2		
f2_1309_l	L=Placer un masque pour couvrir le menton, la bouche et le nez (afin de former un capuchon)	Mentionné.....1; Non mentionné.....2	L= Place a mask over chin, mouth and nose (so it's tightly fitted and sealing)	Mentioned.....1; Mentioned.....2		
f2_1309_m	M=Presser le masque 2 ou 3 fois et vérifier si la poitrine se soulève	Mentionné.....1; Non mentionné.....2	M= Press mask 2 or 3 times and verify if the chest rises	Mentioned.....1; Mentioned.....2		
f2_1309_n	N=Si la poitrine ne se soulève pas: Vérifier la position de la tête et repositionner la si nécessaire	Mentionné.....1; Non mentionné.....2	N= If the chest does not rise: Verify the position of the head and reposition if necessary	Mentioned.....1; Mentioned.....2		
f2_1309_o	O = Si la poitrine ne se soulève pas: Vérifier le bouchon du masque et sceller de nouveau si nécessaire	Mentionné.....1; Non mentionné.....2	O = If the chest does not rise: verify that the mask fits tightly and reseal if necessary	Mentioned.....1; Mentioned.....2		
f2_1309_p	P = Presser le masque 40 pressions par minute (pendant 20 minutes) jusqu'à ce que le nouveau-né commence à respirer ou pleurer	Mentionné.....1; Non mentionné.....2	P= Press mask with 40 pressures per minute (for 20 minutes) until the newborn begins to breathe or cry	Mentioned.....1; Mentioned.....2		
f2_1309_q	Q=Vérifier et surveiller fréquemment les signes vitaux (respiration, pouls, état de conscience)	Mentionné.....1; Non mentionné.....2	Q= Check vital signs frequently (breathing, puls, consciousness), monitor	Mentioned.....1; Mentioned.....2		
	Malheureusement, si après 20 minutes de réanimation, le bébé ne commence pas à respirer ou à haleter qu'allez vous faire?	Mentionné.....1; Non mentionné.....2	If after 20 minutes of resuscitation, the baby unfortunately does not start breathing or gasping, what do you do?	Mentioned.....1; Mentioned.....2	Ne lisez pas les options à haute voix. Pour chaque option, mentionner si l'agent de santé a déclaré cette action ou pas	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned.
f2_1310_a	A = Arrêter les tentatives de réanimation (le bébé est décédé)	Mentionné.....1; Non mentionné.....2	A= Stop resuscitation efforts (baby has died)	Mentioned.....1; Mentioned.....2		
f2_1310_b	B = Expliquer ce qui s'est passé à la mère	Mentionné.....1; Non mentionné.....2	B= Explain to the mother what has happened	Mentioned.....1; Mentioned.....2		
f2_1310_c	C = Administrer des soins de soutien et réconforter la mère (ex. lui permettre de tenir son bébé)	Mentionné.....1; Non mentionné.....2	C= Support and comfort mother (e.g. let her hold her baby)	Mentioned.....1; Mentioned.....2		
f2_1310_d	D=Enregistrer le cas	Mentionné.....1; Non mentionné.....2	D= Document case	Mentioned.....1; Mentioned.....2		
	je vais vous lire le septième scénario. ---Mme Ouattara est âgée de 39 ans et a donné naissance à une fille, il y a une semaine de cela. Elle a eu cinq grossesses dans sa vie et la fille est son quatrième enfant. Elle vient pour sa première visite post-natale avec la sœur de son bébé qui sont tous les deux en bonne santé. En tenant compte de l'allaitement, Mme Ouattara mentionne qu'elle envisage allaiter son enfant jusqu'à 12 mois. Durant la consultation post-natale, vous devez donner à Mme Ouattara des informations sur les choix en matière de planification familiale. Mme Ouattara est vraiment intéressée de savoir davantage sur les différentes méthodes de planification familiale qui seraient disponibles ou non dans la formation sanitaire. Elle affirme qu'elle et son mari ont décidé de ne plus avoir d'enfant dans l'avenir, mais ils ne sont pas familiers avec les méthodes contraceptives modernes.		I will now read the seventh scenario to you. --- - Mme Ouattara is 39 years old and has given birth to a girl one week ago. She's been pregnant five times in her life and her newborn daughter is her fourth child. She comes for her first postnatal care visit with the baby and her other daughter, who are both healthy. With regard to breastfeeding, Mme Ouattara mentions that she plans to breastfeed her child until she is 12 months old. During the PNC consultation, you are supposed to give Mme Ouattara information on her family planning options. Mme Ouattara is very interested to learn more about the different family planning methods that would be available and that are not available in the health facility. She states that her husband and she have decided not to have any more children in the future, but that they are not familiar with modern family planning methods.			

Variable name	Wording of the question in French	Response options in French	Wording of the question in English	Response options in English	Recommendation to the fieldworker in French	Recommendation to the fieldworker
	Donner la liste de toutes les méthodes contraceptives modernes que vous voulez suggérer à Mme OUATTARA qu'elle peut commencer à utiliser dès aujourd'hui au regard de sa situation actuelle et baser sur les informations que vous avez obtenues		Please list all modern contraception methods that you would suggest Mme Ouattara could start using today given her current situation and based on the information you've received.		Ne lisez pas le options a haute voix. Pour chaque option, mentionner si l'agent de sante a cité cette action ou pas; Mentionné.....1; Non mentionné.....2	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned. Mentioned.....1; Mentioned.....2
f2_1311_a	A=Contraceptif oral (combinée ou progestatif "Minidril")	Mentionné.....1; Non mentionné.....2	A= Oral contraceptive (combined or progestin-only "Minidril")	Mentioned.....1; Mentioned.....2		
f2_1311_b	B=Patch hormonal	Mentionné.....1; Non mentionné.....2	B= Hormonal patch	Mentioned.....1; Mentioned.....2		
f2_1311_c	C=Le collier	Mentionné.....1; Non mentionné.....2	C= "Necklace"	Mentioned.....1; Mentioned.....2		
f2_1311_d	D=Hormone contraceptif injectable (combinée ou progestérone, ex. "DepoProvera")	Mentionné.....1; Non mentionné.....2	D= Hormone injection (combined or progestin-only, e.g. "DepoProvera")	Mentioned.....1; Mentioned.....2		
f2_1311_e	E=Implants (ex. Norplant et Jadel)	Mentionné.....1; Non mentionné.....2	E= Implants (e.g. Norplant or Jadel)	Mentioned.....1; Mentioned.....2		
f2_1311_f	F=Condoms masculins	Mentionné.....1; Non mentionné.....2	F= Male condoms	Mentioned.....1; Mentioned.....2		
f2_1311_g	G=Condoms féminins (ex. Saramanya)	Mentionné.....1; Non mentionné.....2	G= Female condoms (e.g. Saramanya)	Mentioned.....1; Mentioned.....2		
f2_1311_h	H=Diaphragme	Mentionné.....1; Non mentionné.....2	H= Diaphragm; I= Tubal ligation (female sterilization)	Mentioned.....1; Mentioned.....2		
f2_1311_i	I=Ligature des trompes (stérilisation féminine)	Mentionné.....1; Non mentionné.....2	I = Tubal ligation (female sterilization)	Mentioned.....1; Mentioned.....2		
f2_1311_j	J=Vasectomie (stérilisation masculine)	Mentionné.....1; Non mentionné.....2	J= Vasectomy (male sterilization)	Mentioned.....1; Mentioned.....2		
f2_1311_k	K=Pas de méthode appropriée / allaitement uniquement	Mentionné.....1; Non mentionné.....2	K= No proper method / breastfeeding only	Mentioned.....1; Mentioned.....2		
f2_1311_l	L=DIU (Ex. Sterilet)	Mentionné.....1; Non mentionné.....2	L= IUD (e.g. Sterilet)	Mentioned.....1; Mentioned.....2		
	Lorsque vous informiez Mme OUATTARA sur les méthodes contraceptives modernes, quelles informations spécifiques lui avez-vous donné au regard des caractéristiques de chaque méthode comparée aux autres méthodes dans le but d'aider Mme OUATTARA à prendre une meilleure décision de planning familial?		When you inform Mme Ouattara about the modern contraceptive methods, what specific information do you give her about the characteristics of each method compared with the others in order to help Mme Ouattara to make the good family planning decision?		Ne lisez pas le options a haute voix. Pour chaque option, mentionner si l'agent de sante a cité cette action ou pas;	Do not read options aloud. For each of the options mentioned, check those actions the health worker mentioned. Mentioned.....1; Mentioned.....2
f2_1312_a	A = Informations sur l'efficacité relative de la méthode (ex: pourcentage de grossesses inattendues au cours de première année d'utilisation)	Mentionné.....1; Non mentionné.....2	A = information on the relative effectiveness of the method (e.g. percentage of unintended pregnancies during the first year of use)	Mentioned.....1; Mentioned.....2		
f2_1312_b	B = Informations sur le mécanisme de fonctionnement des méthodes et comment l'utiliser correctement	Mentionné.....1; Non mentionné.....2	B = information on the way of functioning of the methods and how to use them correctly	Mentioned.....1; Mentioned.....2		
f2_1312_c	C = Information sur les risques de santé et les bénéfices de chaque method	Mentionné.....1; Non mentionné.....2	C = information on the health risks and benefits of each method	Mentioned.....1; Mentioned.....2		
f2_1312_d	D = Informaton sur les possibilités de fécondation après un usage discontinu de la method	Mentionné.....1; Non mentionné.....2	D = information on fertility after discontinuing the method	Mentioned.....1; Mentioned.....2		
f2_1312_e	E = Information sur la protection contre les IST	Mentionné.....1; Non mentionné.....2	E = information on protection against STIs	Mentioned.....1; Mentioned.....2		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English
F3_se	SECTION D'ENUMERATION		ENUMERATION SECTION	
F3_id1	NUMÉRO DU QUESTIONNAIRE (Réservé à la Saisie)		NUMBER OF QUESTIONNAIR (Reserved Entering)	
F3_reg	Région:		Region	
F3_ze	Zone d'étude		Study Area	
F3_dist	District de Santé		District of healh facility	
F3_commu ne	Commune		Community	
F3_vil	Village / quartier		Village / Neighborhood	
F3_niv	Niveau de la Formation sanitaire:	HÔPITAL RÉGIONAL=1, HOPITAL DE DISTRICT/CMA=2, CENTRE MEDICAL=3, CSPS=4, DISPENSAIRE OU MATERNITE ISOLE=5, FORMATION SANITAIRE PRIVEE A BUT LUCRATIF=6, FORMATION SANITAIRE PRIVEE CONFESIONNELLE=7.	Level of Health Facility	REGIONAL HOSPITAL=1, DISTRICT Hospital=2, MEDICAL CENTER=3, CSPS=4, DISPENSARY MATERNITY UNIT=5,PRIVATE FOR PROFIT HEALTH FACILITY=6, PRIVATE RELIGIOUS HEALTH FACILITY=7. ☐
F3_fosa	NOM DE LA FORMATION SANTAIRE		NAME OF HEALTH FACILITY	
F3_codfosa	CODE DE LA FORMATION SANITAIRE		CODE OF HEALTH FACILITY	
F3_latitude	LATITUDE (NORD)		LATITUDE (NORTH)	
F3_longitu	LONGITUDE (EST)		LONGITUDE (EAST)	
F3_empl	EMPLACEMENT	URBAN=1, RURAL=2.	LOCATION	URBAN=1, RURAL=2.
F3_codenq	CODE ENQUETEUR		INTERVIEWER CODE	
F3_Ddatevis	Date visite		Visit Date	
F3_result	Questionnaire (cette partie doit être remplie à l'issu de l'interview)	ENTIEREMENT REMPLI=1, PARTIELLEMENTREMPLE=2, LE RESPONSABLE A REFUSÉ L'ENTREVUE=3, LE RESPONSABLE EST ABSENT (LE PERSONNEL PRESENT N'EST PAS AUTORISÉ)=4, LA FORMATION SANITAIRE EST VIDE (AUCUN MEMBRE DU PERSONNEL N'EST PRESENT)=5, AUTRE, PRÉCISER=7.	Questinnaire (this section must be completed at the end of the interview)	FULLY COMPLETED = 1, PARTIALY COMPLETED = 2, THE MANAGER REFUSED THE INTERVIEW = 3, THE MANAGER RESPONSIBLE IS ABSENT (STAFF AVAILABLE IS NOT AUTHORIZED TO RESPOND) = 4, THE HEALTH FACILITY IS EMPTY (NO STAFF IS PRESENT) = 5, OTHER, SPECIFY = 7 .

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English
F3_const	CONSENTEMENT ECLAIRE, A RECUEILLIR AVANT LE DEBUT DE L'OBSERVATION	OUI=1, NON=2.	CONSENT, TO COLLECTED BEFORE THE BEGINNING OF OBSERVATION	YES=1, NO=2.
F3_codesup	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Code)		CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Code)	
F3_datesup	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Date)	JOUR/MOIS/ANNÉE	CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Date)	DAY/MONTH/YEAR
F3_codops	OPERATEUR DE SAISIE DE DONNEES (Code)		DATA ENTRY OPERATOR (Code)	
F3_datesaisie	OPERATEUR DE SAISIE DE DONNEES (Date)	JOUR/MOIS/ANNÉE	DATA ENTRY OPERATOR (Date)	DAY/MONTH/YEAR

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f3_101	Numéro de registre CPN		Number of Registered ANC			
f3_102	COMBIEN DE CPN A EU LA PATIENTE POUR CETTE GROSSESSE AVANT CELLE LA (Notez 0 si il s'agit de la première CPN)	1,2,3,4 ou plus	HOW MANY ANC VISITS HAD THE PATIENT APART FROM THIS BEFORE THIS PREGNANCY (Note 0 if it is the first ANC)	1, 2, 3, 4 or more		
f3_103	DEMANDER À L'AGENT LA DURÉE (EN SEMAINE) DE LA GROSSESSE NE SAIT PAS, noter "98"	4, 5, 6, 7, 8, 9.....	ASK THE HEALTH WORKER THE DURATION (IN WEEK) OF THE PREGNANCY DO NOT KNOW note "98"	4, 5, 6, 7, 8, 9.....		
f3_104	NOTEZ S'IL S'AGIT ICI DE LA PREMIÈRE GROSSESSE DE LA PATIENTE NOTEZ « 1 » POUR OUI ; « 2 » POUR NON ; "98" POUR NE SAIT PAS	OUI=1, NON=2, NSP=98.	NOTE IF THIS IS HER FIRST PREGNANCY OF NOTE "1" PATIENT FOR YES, "2" NO, "98" DO NOT KNOW	YES=1, NO =2, DNK =98.		
f3_105	Numéro de l'Agent de santé (Information se trouve sur le questionnaire F1 dans la liste des agents de santé) Vérifiez que l'agent de santé se trouve bien dans la liste, sinon ajoutez les informations le concernant dans le listing papier		Number of Health Officers (Information is on the F1 questionnaire list of health workers) Ensure that the health worker is in the list, if not add the information about it in the paper list			
f3_106	Sexe de l'agent de santé	Masculin = 1, Feminin = 2	Sex of health worker	Male =1, Female = 2.		
f3_107	Qualification de l'agent de santé	Médecin = 1, Infirmier(ère) Diplômé d'Etat = 2, Attaché de santé =3, Infirmier(ère) Brévété = 4, Accoucheuse Brévétée = 5, Sage-Femme d'Etat/Maïeuticien d'Etat = 6, Accoucheuse auxiliaire =7, Agent Itinérant de Santé = 8, Others = 97	Qualification of the health worker	doctor =1, State Graduate Nurse = 2, health worker = 3, patented Nurse = 4, patented midwife = 5, Midwife State = 6, auxiliary midwife = 7, Itinerant Health Worker = 8, others = 97.	Attached	
f3_107_spe		Spécifier	specify			
c_sp						

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
Section 2 : Observation de la consultation prénatale			Observation of ANC Consultation			
f3_201	Heure de début de la consultation ex. 7 h est 0700, 8 h 30 est 0830 et 19 h est 1900.		Time consultation starts e.g. 7 am is 0700, 8.30 am is 0830 and 7 pm is 1900. .			
	NOTEZ SI L'AGENT DE SANTE S'EST PRESENTÉ A LA PATIENTE A TRAVERS LES POINTS CI-APRES		NOTE IF THE HEALTH WORKER WAS PRESENTED TO THE PATIENT THROUGH THE POINTS BELOW			
f3_202_a	Nom	Oui=1, NON=2	Name	YES=1, NO=2.		
f3_202_b	Grade professionnel	Oui =1, NON =2,	professional degree	YES=1, NO=2.		
	NOTER SI L'AGENT MOTIVE LA PATIENTE A PRENDRE PART ACTIVEMENT A LA CONSULTATION PAR LES POINTS CI-APRES		NOTE IF THE HEALTH WORKER MOTIVATED THE PATIENT TO PARTICIPATE ACTIVELY IN CONSULTATION BY POINTS BELOW			
f3_203_a	L'agent explique la procédure générale de la consultation	Oui =1, NON =2,	The health Worker explained the general procedure of consultation	YES=1, NO=2.		
f3_203_b	L'agent de santé encourage/invite la patiente à poser des questions ou demander des éclaircissements supplémentaires si elle ne comprend pas	Oui =1, NON =2,	The health worker encourage / invite the patient to ask questions or request further clarification if it does not include	YES=1, NO=2.		
f3_203_c	L'agent de santé propose à la patiente d'être assistée par une personne tierce si elle le souhaite	Oui =1, NON =2,	The health worker offers the patient to be assisted by a third person if she wants	YES=1, NO=2.		
	NOTEZ SI L'AGENT A POSÉ DES QUESTIONS A LA PATIENTE SUR LES POINTS SUIVANTS :		NOTE IF THE OFFICER HAS ASKED THE PATIENT THE FOLLOWING QUESTIONS:			
f3_204_a	Nom	Oui =1, NON =2,	Name	YES=1, NO=2.		
f3_204_b	Âge	Oui =1, NON =2,	Âge	YES=1, NO=2.		
f3_204_c	Lieu de résidence	Oui =1, NON =2,	Place of residence	YES=1, NO=2.		
f3_204_d	Médicaments que prend la patiente	Oui =1, NON =2,	Drugs taken by the patient	YES=1, NO=2.		
f3_204_e	Nombre de CPN antérieures pour cette grossesse	Oui =1, NON =2,	Number of ANC before this pregnancy	YES=1, NO=2.		
f3_204_f	Date de début des dernières menstruations (DDR)	Oui =1, NON =2,	Date of last menstrual period (DDR) began	YES=1, NO=2.		
f3_204_d	Nombre de grossesses antérieures	Oui =1, NON =2,	Number of previous pregnancies	YES=1, NO=2.		
	NOTEZ SI L'AGENT OU LA PATIENTE A ABORDÉ L'UN DES ASPECTS CI-APRÈS CONCERNANT LES PRÉCÉDENTES GROSSESSES DE LA PATIENTE :		NOTE IF THE AGENT OR THE PATIENT HAS ADDRESSED ONE OF THE FOLLOWING ASPECTS CONCERNING PREVIOUS PREGNANCY:			
f3_205_a	Précédente(s) interruption(s) médicale(s) ou thérapeutique(s) de grossesse(s) (IMG)	Oui =1, NON =2,	Previous (s) interruption (s) Medical (s) or therapeutic (s) of pregnancy (s) (IMG)	YES=1, NO=2.		
f3_205_b	Précédent(s) accouchement(s) prématuré(s)	Oui =1, NON =2	Previous (s) delivery (s) premature (s)	YES=1, NO=2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f3_205_c	Enfant(s) mort(s) pendant la première semaine de vie/mort né	Oui =1, NON =2	Child (ren) death (s) during the first week of life / stillborn	YES=1, NO=2.		
f3_205_d	Saignement abondant pendant ou après l'accouchement	Oui =1, NON =2	Heavy bleeding during or after childbirth	YES=1, NO=2.		
f3_205_e	Précédents accouchements assistés (césarienne, ventouse, ou forceps)	Oui =1, NON =2	Previous assisted deliveries (caesarean section, vacuum or forceps)	YES=1, NO=2.		
f3_205_f	Précédent (s) interruption (s) volontaire (s) de grossesse (s) (IVG)	Oui =1, NON =2	Previous (s) interruption (s) volunteer (s) of pregnancy (s) (VIP)	YES=1, NO=2.		
	NOTEZ SI L'AGENT OU LA PATIENTE A ABORDÉ L'UN DES ASPECTS CI-APRÈS CONCERNANT LA GROSSESSE DE LA PATIENTE		NOTE IF THE AGENT OR THE PATIENT HAS ADDRESSED ONE OF THE FOLLOWING ASPECTS CONCERNING THE PREGNANCY OF THE PATIENT			
f3_206_a	Douleurs abdominales sévères	Oui =1, NON =2	Severe abdominal pain	YES=1, NO=2.		
f3_206_b	Difficultés respiratoires sévères	Oui =1, NON =2	Severe breathing difficulties	YES=1, NO=2.		
f3_206_c	Vomissements sévères	Oui =1, NON =2	severe vomiting	YES=1, NO=2.		
f3_206_d	Convulsions/crises d'épilepsie	Oui =1, NON =2	Convulsions / seizures	YES=1, NO=2.		
f3_206_e	Problèmes de santé avant ou pendant la grossesse	Oui =1, NON =2	Health problems before or during pregnancy	YES=1, NO=2.		
f3_206_f	Stress/anxiété/dépression	Oui =1, NON =2	Stress / anxiety / depression	YES=1, NO=2.		
f3_206_g	Violence domestique/conjugale	Oui =1, NON =2	Domestic violence / spousal	YES=1, NO=2.		
f3_206_h	Traitement médicamenteux en cours	Oui =1, NON =2	Drug treatment course	YES=1, NO=2.		
f3_206_i	Status VIH	Oui =1, NON =2	HIV Status	YES=1, NO=2.		
f3_206_j	Status vaccinal contre le tétanos	Oui =1, NON =2	Immunization status against tetanus	YES=1, NO=2.		
f3_206_k	Saignements	Oui =1, NON =2	bleeding	YES=1, NO=2.		
f3_206_l	Fièvre	Oui =1, NON =2	fever	YES=1, NO=2.		
f3_206_m	Maux de tête ou vision trouble	Oui =1, NON =2	Headache or blurred vision	YES=1, NO=2.		
f3_206_n	Gonflement du visage ou des mains et des pieds	Oui =1, NON =2	Swelling of the face or hands and feet	YES=1, NO=2.		
f3_206_o	Fatigue ou essoufflement	Oui =1, NON =2	Tiredness or breathlessness	YES=1, NO=2.		
f3_206_p	Patiente a senti le fœtus bouger	Oui =1, NON =2	Patient felt the fetus move	YES=1, NO=2.		
f3_206_q	Autres symptômes ou autres problèmes	Oui =1, NON =2	Other symptoms or other problems	YES=1, NO=2.		
f3_206_r	Symptômes qui, selon la patiente, seraient liés à cette grossesse	Oui =1, NON =2	Symptoms which in the patient, this would relate to pregnancy	YES=1, NO=2.		
f3_206_s	Projet d'accouchement	Oui =1, NON =2	Projecting delivery	YES=1, NO=2.		
	NOTEZ SI L'AGENT A SUIVI LES PROCÉDURES CI-APRÈS :	Oui =1, NON =2	NOTE IF THE OFFICER HAS FOLLOWED THE PROCEDURES BELOW:	YES=1, NO=2.		
f3_207_a	L'agent de santé prend des mesures pour assurer la confidentialité de l'examen	Oui =1, NON =2	The health worker takes steps to ensure the confidentiality of the examination	YES=1, NO=2.		
f3_207_b	L'agent prend des mesures d'hygiène avant d'examiner ou toucher la patiente	Oui =1, NON =2	The agent supports hygiene measures before considering or touch the patient	YES=1, NO=2.		
f3_207_c	Prendre le poids de la patiente	Oui =1, NON =2	Take the weight of the patient	YES=1, NO=2.		
f3_207_d	Prendre le pouls de la patiente	Oui =1, NON =2	Taking the pulse of the patient	YES=1, NO=2.		
f3_207_e	Mesurer la fréquence respiratoire de la patiente	Oui =1, NON =2	The respiratory rate of the patient	YES=1, NO=2.		
f3_207_f	Prendre la température de la patiente	Oui =1, NON =2	Take the temperature of the patient	YES=1, NO=2.		
f3_207_g	Prendre la tension de la patiente	Oui =1, NON =2	Take blood from the patient	YES=1, NO=2.		
f3_207_h	Auscultation thoracique	Oui =1, NON =2	chest auscultation	YES=1, NO=2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f3_207_i	Examiner la conjonctive/les paumes des mains pour vérifier /une anémie	Oui =1, NON =2	Examine the conjunctiva / palms to check / anemia	YES=1, NO=2.		
f3_207_j	Examiner les jambes/pieds pour vérifier un oedème	Oui =1, NON =2	Examine the legs / feet to check oedema	YES=1, NO=2.		
f3_207_k	Palper l'abdomen de la patiente pour la présentation foetale (ou une échographie)	Oui =1, NON =2	Palpate the abdomen of the patient for fetal presentation (or ultrasound)	YES=1, NO=2.		
f3_207_l	Palper l'abdomen de la patiente pour déterminer la taille de l'utérus (ou une échographie)	Oui =1, NON =2	Palpate the abdomen of the patient to determine the size of the uterus (or ultrasound)	YES=1, NO=2.		
f3_207_m	Écouter les battements de coeur du foetus	Oui =1, NON =2	Listen to the heartbeat of the fetus	YES=1, NO=2.		
f3_207_n	Examiner les seins de la patiente	Oui =1, NON =2	Examine the breasts of the patient	YES=1, NO=2.		
f3_207_o	Demander un test d'hémoglobine	Oui =1, NON =2	Request a hemoglobin test	YES=1, NO=2.		
f3_207_p	Demander le groupe sanguin rhesus	Oui =1, NON =2	Request rhesus blood group	YES=1, NO=2.		
f3_207_q	Effectuer un test d'urine à la recherche d'albumine et de glucose dans les urines	Oui =1, NON =2	Perform a test urine for albumin and glucose in the urine	YES=1, NO=2.		
f3_207_r	Orienter la patiente pour un test de dépistage de la syphilis	Oui =1, NON =2	Refer the woman to a screening test for syphilis	YES=1, NO=2.		
f3_207_s	Proposer et orienter la patiente pour un test volontaire VIH	Oui =1, NON =2	Propose and refer the woman to a voluntary HIV test	YES=1, NO=2.		
f3_207_t	Orienter la patiente pour le counselling concernant le test du VIH	Oui =1, NON =2	Guide the patient for counseling about HIV testing	YES=1, NO=2.		
f3_207_u	Regarder le carnet de santé de la patiente (soit avant le début de la consultation soit pendant la collecte des informations soit pendant l'examen de la patiente)	Oui =1, NON =2	Watch the health record of the patient (ie before the start of the consultation is for collecting information either during the examination of the patient)	YES=1, NO=2.		
f3_207_v	L'agent explique les différents résultats de l'examen à la patiente	Oui =1, NON =2	The officer explains the different results of the examination to the patient	YES=1, NO=2.		
	NOTEZ SI L'AGENT A ADMINISTRÉ À LA PATIENTE L'UN DES TRAITEMENTS OU CONSEILS CI-APRÈS :	Oui =1, NON =2	NOTE IF THE OFFICER HAS GIVEN TO THE PATIENT ONE TREATMENT OR ADVICE BELOW:	YES=1, NO=2.	2 ► (2.08E)	
f3_208_a	Prescription ou administration des compléments en fer ou en l'acide folique (IFA) ou les deux (à partir de 6 mois)	Oui =1, NON =2	Prescription or administration of iron supplements or folic acid (IFA) or both (from 6 months)	YES=1, NO=2.		
f3_208_b	Explication du rôle du fer et de l'acide folique	Oui =1, NON =2	Explanation of the role of iron and folic acid	YES=1, NO=2.		
f3_208_c	Explication de la posologie du fer ou de l'acide folique	Oui =1, NON =2	Explanation of the dosage of iron or folic acid	YES=1, NO=2.		
f3_208_d	Explication des effets secondaires des compléments en fer	Oui =1, NON =2	Explanation of the side effects of iron supplements	YES=1, NO=2.	2 ► (2.08G)	
f3_208_e	Prescription ou administration d'une injection d'anatoxine tétanique (VAT)	Oui =1, NON =2	Prescribing or administering an injection of tetanus toxoid (TT)	YES=1, NO=2.		
f3_208_f	Explication du rôle de l'injection de l'anatoxine tétanique	Oui =1, NON =2	Explanation of the role of the injection of tetanus toxoid	YES=1, NO=2.	2 ► (2.09)	
f3_208_g	Prescription ou administration d'un traitement antipaludéen	Oui =1, NON =2	Prescription or administration of antimalarial treatment	YES=1, NO=2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f3_208_h	Explication du rôle du traitement préventif intermittent (TPI) avec les médicaments contre le paludisme	Oui =1, NON =2	Explanation of the role of intermittent preventive treatment (IPT) with drugs against malaria	YES=1, NO=2.		
f3_208_i	Explication de la posologie des médicaments contre le paludisme	Oui =1, NON =2	Explanation of the dosage of drugs against malaria	YES=1, NO=2.		
f3_208_j	Explication des éventuels effets secondaires des antipaludéens	Oui =1, NON =2	Explanation of the possible side effects of antimalarials	YES=1, NO=2.		
f3_208_k	Importance de la deuxième dose de traitement préventif intermittent expliquée	Oui =1, NON =2	Importance of the second dose of intermittent preventive treatment explained	YES=1, NO=2.		
f3_208_l	Explication de l'intérêt de l'utilisation des moustiquaires imprégnées	Oui =1, NON =2	Explanation of the importance of using impregnated mosquito nets:	YES=1, NO=2.		
	OBSERVEZ SI LA PATIENTE RECOIT :		WATCH IF THE PATIENT IS RECEIVING:			
f3_209_a	La première dose de Traitement Péventif Intermittent au sein de la formation sanitaire	Oui =1, NON =2	The first dose of Intermittent Preventive Treatment within the facility	YES=1, NO=2.		
f3_209_b	Une moustiquaire imprégnée d'insecticide	Oui =1, NON =2	An insecticide treated net (An ITN)	YES=1, NO=2.		
	NOTEZ SI L'AGENT A DONNÉ À LA PATIENTE L'UN DES CONSEILS CI-APRÈS À PROPOS DE LA PRÉPARATION :		NOTE IF THE OFFICER GAVE THE PATIENT ONE OF THE FOLLOWING ADVICE ABOUT PREPARATION:			
f3_210_a	Quantité ou qualité de nourriture à manger pendant la grossesse	Oui =1, NON =2	Quantity or quality of food to eat during pregnancy	YES=1, NO=2.		
f3_210_b	Patiente informée de l'évolution de la grossesse	Oui =1, NON =2	Patient informed of the progress of pregnancy	YES=1, NO=2.		
	NOTEZ SI L'AGENT DE SANTE A MENTIONNE LES signes et symptômes ci-après comme facteurs de risque pour lesquels la femme devrait revenir au CSPS/CMA/CHR :		NOTE IF THE HEALTH WORKER MENTIONED the following signs and symptoms as risk factors for which the woman should return to CSPS / CMA / CHR:			
f3_211_a	Saignement vaginal	Oui =1, NON =2	vaginal bleeding	YES=1, NO=2.		
f3_211_b	Fièvre	Oui =1, NON =2	Fever	YES=1, NO=2.		
f3_211_c	Fatigue ou essoufflement excessif	Oui =1, NON =2	Excessive tiredness or breathlessness	YES=1, NO=2.		
f3_211_d	Gonflement des mains et de la face	Oui =1, NON =2	Swelling of hands and face	YES=1, NO=2.		
f3_211_e	Violent mal de tête ou vision trouble	Oui =1, NON =2	Severe headache or blurred vision	YES=1, NO=2.		
	NOTEZ SI L'AGENT A DONNÉ DES CONSEILS À PROPOS DE L'ACCOUCHEMENT SOUS L'UNE DES FORMES CI-APRÈS :		NOTE IF THE OFFICER GAVE ADVICE ABOUT DELIVERY IN ONE OF THE FORMS BELOW:			
f3_212_a	A demandé à la patiente le lieu où elle va accoucher	Oui =1, NON =2	Asked the client where she will deliver	YES=1, NO=2.		
f3_212_b	A conseillé à la patiente de se préparer pour l'accouchement (ex. mettre l'argent de côté, se préparer pour un transport d'urgence)	Oui =1, NON =2	Advised the client to prepare for delivery (e.g. set aside money, arrange for emergency transportation)	YES=1, NO=2.		
f3_212_c	A conseillé la patiente de recourir à un agent de santé qualifié pour l'accouchement	Oui =1, NON =2	Advised the client to use a skilled health worker during delivery	YES=1, NO=2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f3_212_d	A parlé avec la patiente des éléments à avoir à portée de main en cas d'accouchement à la maison (ex. les lames stériles)	Oui =1, NON =2	Discussed with client what items to have on hand at home for delivery (including for delivery at home), e.g., sterile blades	YES=1, NO=2.		
f3_212_e	A parlé de l'importance de vacciner le nouveau-né	Oui =1, NON =2	Discussed importance of immunisation for the newborn	YES=1, NO=2.		
	NOTEZ SI L'AGENT À CONSEILLÉ L'ALLAITEMENT MATERNEL EXCLUSIF JUSQU'À 6 MOIS.	Oui =1, NON =2	NOTE IF THE OFFICER ADVISED THE EXCLUSIVE BREASTFEEDING UP TO 6 MONTHS.	YES=1, NO=2.		
f3_213_a	NOTEZ SI L'AGENT À PARLÉ DU PLANNING FAMILIAL (OU DU CONTRÔLE DES NAISSANCES) À PRATIQUER APRÈS L'ACCOUCHEMENT	Oui =1, NON =2	NOTE IF THE AGENT TOLD OF FAMILY PLANNING (OR BIRTH CONTROL) TO PRACTICE AFTER CHILDBIRTH	YES=1, NO=2.		
f3_213_b	A parlé des méthodes dites barrières à la contraception (préservatif masculin, préservatif féminin)	Oui =1, NON =2	Health worker spoke about barriers methods of contraception (condom, female condom)	YES=1, NO=2.		
f3_213_c	A parlé des méthodes hormonales de contraception (COP, dépôt, injections, implants, DIU)	Oui =1, NON =2	Talked about hormonal methods of contraception (depo provera injections, implants, IUDs)	YES=1, NO=2.		
f3_213_d	A parlé des méthodes chirurgicales de contraception (vasectomie, ligature des trompes)	Oui =1, NON =2	Talked of surgical methods of contraception (vasectomy, tubal ligation)	YES=1, NO=2.		
f3_213_e	A parlé des méthodes traditionnelles de contraception (coit interrompu, calendrier basé sur la température corporelle/surveillance du mucus du col de l'utérus)	Oui =1, NON =2	Talked about the traditional methods of contraception (Coitus interrupted, calendar based on body temperature monitoring / mucus of the cervix)	YES=1, NO=2.		
f3_213_e	A comparé les différentes méthodes de contraception en terme d'effectivité et de coût	Oui =1, NON =2	Compared the different contraceptive methods in terms of effectiveness and cost	YES=1, NO=2.		
f3_215	NOTEZ SI L'AGENT A DEMANDÉ SI LA PATIENTE A DES QUESTION ET L'A ENCOURAGÉE À POSER DES QUESTIONS.	Oui =1, NON =2	NOTE IF THE OFFICER ASKED IF THE PATIENT HAS QUESTION AND HAS ENCOURAGED HERTO ASK QUESTIONS.	YES=1, NO=2.		
f3_216	NOTEZ SI L'AGENT A UTILISÉ UN SUPPORT VISUEL POUR L'ÉDUCATION À LA SANTÉ OU POUR LE COUNSELLING PENDANT LA CONSULTATION.	Oui =1, NON =2	NOTE IF THE OFFICER HAS USED A VISUAL AID FOR HEALTH EDUCATION AND COUNSELLING DURING THE CONSULTATION.	YES=1, NO=2.		
f3_217	NOTEZ SI L'AGENT A ÉCRIT SUR LE CARNET DE SANTÉ DE LA PATIENTE	Oui =1, Non mais avait le carnet =2, Aucun carnet de santé utilisé =3.	NOTE IF THE OFFICER WROTE ON THE BOOK OF HEALTH PATIENT.	yes=1, But had not the book=2, No health book used=3.		
f3_218	NOTEZ LE RÉSULTAT DE LA CONSULTATION [NOTEZ LE RÉSULTAT À	Patiente renvoyée à la maison=1, Patiente orientée (au laboratoire ou chez un autre agent) dans la même formation sanitaire=2, Patiente hospitalisée dans la	NOTE THE RESULT OF THE CONSULTATION [NOTE THE RESULT AT	Patient returned home =1, Patient oriented (in the laboratory or with another agent) in the same clinic =2, Patient hospitalized in the same clinic =3, Patient		
f3_219	Heure de clôture de la consultation ex. 7 h est 0700, 8 h 30 est 0830 et 19 h est 1900		Closing time of the consultation eg. 7am is 0700, 8 h 30 and is 0830 and 7pm is 1900			
f3_220	TOTAL temps passé (MINUTES) en consultation	.....MINUTES	TOTAL time spent (MINUTES) in consultation	.....MINUTES		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f3_221	Langue de la consultation	Francais=1, Mooré =2, Dioula=3, Gourounssi =4, Dagara =5, Fulfuldé =6, Lobiri= 7, Bwaba=8, Samo =9, Bissa 10, Bobo =11, Autre, à préciser 97	Language of the consultation	French=1, Moore = 2, Diola= 3, Gourounssi =4, Dagara =5, Fulfuldé =6, Lobiri =7, Bwaba 8, Samo =9, Bissa =10, Bobo =11, Other, specify 97		
f3_221_spec	specifier		specify			
f3_comtaire	Commentaires de l'observateur à propos de la consultation		Comments of the observer about the consultation			

Questionnaire F4

Variable	Question en francais	Options de réponse en francais	Wording of the question in English	Response options in English	
F4_se	SECTION D'ENUMERATION		Numeration section		
F4_id1	NUMÉRO DU QUESTIONNAIRE (Réservé à la Saisie)				
F4_reg	Région:		Region		
F4_ze	Zone d'étude		Study zone		
F4_dist	District de Santé		Health district		
F4_commu ne	Commune		Town		
F4_vil	Village / quartier		village/neighborhood		
F4_niv	Niveau de la Formation sanitaire:	HÔPITAL RÉGIONAL=1, HOPITAL DE DISTRICT/CMA=2, CENTRE MEDICAL=3, CSPS=4, DISPENSAIRE OU MATERNITE ISOLE=5, FORMATION SANITAIRE PRIVEE A BUT LUCRATIF=6, FORMATION SANITAIRE PRIVEE CONFESIONNELLE=7.	Type of health facility	Regional hospital = 1, District hospital = 2, Medical center = 3, CSPS = 4,, Private religious health facility = 7	
F4_fosa	NOM DE LA FORMATION SANTAIRE		Name of the health facility		
F4_codfosa	CODE DE LA FORMATION SANITAIRE		Code of the health facility		
F4_latitude	LATITUDE (NORD)				
F4_longitu de	LONGITUDE (EST)		Location	urban = 1, rural = 2	
F4_empl	EMPLACEMENT	URBAN=1, RURAL=2.			
F4_codenq	CODE ENQUETEUR			Code of field worker	
F4_Ddatevi s	Date visite				

Questionnaire F4

Variable	Question en français	Options de réponse en français	Wording of the question in English	Response options in English	
F4_result	Résultat de l'observation/questionnaire	ENTIEREMENT REMPLI=1, PARTIELLEMENT REMPLI=2, LE RESPONSABLE A REFUSÉ L'ENTREVUE=3, LE RESPONSABLE EST ABSENT (LE PERSONNEL PRESENT N'EST PAS AUTORISÉ)=4, LA FORMATION SANITAIRE EST VIDE (AUCUN MEMBRE DU PERSONNEL N'EST PRESENT)=5, AUTRE, PRÉCISER=7.	Result of the observation/questionnaire	Fully completed = 1, Partially completed = 2	Questionnaire (cette partie doit être remplie à l'issu de l'interview)
F4_const	CONSENTEMENT ECLAIRE,	OUI=1, NON=2.	Consent	Yes =1 , No = 2	A RECUEILLIR AVANT LE DEBUT DE L'OBSERVATION
F4_codesu p	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Code)		Verification of the questionnaire by the supervisor (supervisor code)		
F4_datesu p	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Date)	JOUR/MOIS/ANNÉE	Verification of the questionnaire by the supervisor (date of verification)	DD/MM/YYYY	
F4_codops _1	1. OPERATEUR DE SAISIE DE DONNEES (Code)		Data entry 1. operator code		
F4_codops _2	2. OPERATEUR DE SAISIE DE DONNEES (Code)		Data entry 2. operator code		
F4_datesai sie	OPERATEUR DE SAISIE DE DONNEES (Date)	JOUR/MOIS/ANNÉE	Date of data entry	DD/MM/YYYY	

Questionnaire F4

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
Section 1 : Identification			Section 1: Identification			
f4_101	Nouveau patient	Oui=1, Non=2	New Patient	Yes = 1, No = 2		
f4_102	Numéro de suivi du patient à la formation sanitaire		Patient tracking number			
f4_103	Sexe du patient	Masculin =1, Féminin =2	Patient sex	Male = 1, Female = 2		
f4_104	Numéro de suivi de l'agent de santé (F1)		Health Worker Tracking number			
f4_105	Sexe de l'agent de santé	Masculin =1, Féminin =2	Health worker sex	Male = 1, Female = 2		
f4_106	Type d'agent	Médecin = 1, Infirmier(ère) Diplômé d'Etat = 2, Attaché de santé =3, Infirmier(ère) Brévété = 4, Accoucheuse Brévétée = 5, Sage-Femme d'Etat/Maïeuticien d'Etat = 6, Accoucheuse auxiliaire =7, Agent Itinérant de Santé = 8, Autre = 97	Type of Worker	Physician/Medical doctor = 1,.....other = 97		
f4_107	Poser la question suivante à l'agent de santé observé : " Avez-vous reçu une formation en PCIME ? "	Oui=1, Non=2	Ask the health worker observed, "Have you received training in IMCI?"	Yes = 1, No = 2	If 2 ► F4.2.01	
f4_108	Avez-vous suivi la formation au cours des 12 derniers mois ?	Oui=1, Non=2	Did you receive any training within the last 12 months?	Yes = 1, No = 2		
Section 2 : Prise des antécédents et examen			Section 2: History taking and examination			
f4_201	Heure de début de la consultation ex. 7 h est 0700, 8 h 30 est 0830 et 19 h est 1900. <i>Veuillez retenir que la consultation peut se dérouler en deux phases.</i>		Time consultation starts e.g. 7 am is 0700, 8.30 am is 0830 and 7 pm is 1900. <i>Please keep in mind that the consultation might occur in two parts.</i>			
f4_202	L'agent de santé salue-t-il le patient ou l'accompagnateur du malade ?	Oui=1, Non=2	Health worker greets the patient or caretaker?	Yes = 1, No = 2		

Questionnaire F4

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f4_203	L'agent de santé se lave t-il les mains avec du savon et de l'eau avant d'examiner le patient ?	Oui=1, Non=2	Health worker washes hands with soap and water before examining the patient?	Yes = 1, No = 2		
f4_204	A t-il demandé l'âge du patient ?	Oui=1, Non=2	Was patient age asked?	Yes = 1, No = 2	If 2, ► F4.2.06	Notez 99 dans les cases restées vides (par exemple si vous remplissez "02" mois, notez "99" dans la case années.
f4_205	Quel est l'âge du patient ?		What is patient's age?			
f4_205_a	a. Année		a. Year			
f4_205_b	b. Mois		b. Month			
f4_206	L'agent de santé a-t-il demandé la nature du mal (motif de la présente consultation)?	Oui=1, Non=2	Health worker asks about nature of complaint?	Yes = 1, No = 2	If 2 ► F4.2.12	
f4_207	Nature du principal symptôme/plainte	Diarrhée = 1,.....Autre = 12	Nature of the primary complaint	Diarrhea = 1,.....other = 12		UN SEUL SYMPTOME/PLAINTÉ PRINCIPAL POSSIBLE / ONLY ONE PRIMARY COMPLAINT POSSIBLE
f4_208	Précisez		Precise			
f4_209	Nature des symptômes/plaintes secondaires		Nature of the secondary complaint			NOTER « 1 » POUR OUI ; « 2 » POUR NON POUR TOUTES LES OPTIONS / RECORD "1" FOR YES or "2" FOR NO FOR ALL OPTIONS
f4_209_a	a.Diarrhée	Oui=1, Non=2	a.Diarrhea	Yes = 1, No = 2		
f4_209_b	b.Fièvre	Oui=1, Non=2	b.Fever	Yes = 1, No = 2		
f4_209_c	c.Toux/difficulté respiratoire	Oui=1, Non=2	c.Cough / difficulty breathing	Yes = 1, No = 2		
f4_209_d	d.Dermatose (maladie de la peau)	Oui=1, Non=2	d.Dermatitis (skin disease)	Yes = 1, No = 2		
f4_209_e	e.Difficulté à déglutir, douleur à la déglutition (Amygdalite / angine)	Oui=1, Non=2	e.Difficulty to swallow, pain on swallowing (tonsillitis / pharyngitis)	Yes = 1, No = 2		
f4_209_f	f.Douleur à l'oreille (Otite moyenne)	Oui=1, Non=2	f.Pain in the ear (otitis media)	Yes = 1, No = 2		
f4_209_g	g.Blessure	Oui=1, Non=2	g.Injury	Yes = 1, No = 2		
f4_209_h	h.Convulsion	Oui=1, Non=2	h.Convulsion	Yes = 1, No = 2		
f4_209_i	i.Perte de conscience	Oui=1, Non=2	i.Loss of consciousness	Yes = 1, No = 2		
f4_209_j	j.Asthénie physique(fatigue)	Oui=1, Non=2	j.Physical asthenia (fatigue)	Yes = 1, No = 2		

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f4_209_k	k.Vomissement	Oui=1, Non=2	k.Vomiting	Yes = 1, No = 2		
f4_209_l	l.Autre	Oui=1, Non=2	l.other	Yes = 1, No = 2		
f4_210	Précisez		Precise			
f4_211	L'agent a-t-il demandé la durée du symptôme principal ?	Oui=1, Non=2	Is the duration of the primary complaint asked?	Yes = 1, No = 2		
f4_212	Un agent de la formation sanitaire a-t-il pesé l'enfant ?	Oui=1, Non=2	Does someone in the facility weigh the child?	Yes = 1, No = 2		
f4_213	Quelqu'un de la formation sanitaire a-t-il mesuré la taille de l'enfant ?	Oui=1, Non=2	Does someone in the facility measure the height of the child?	Yes = 1, No = 2		
f4_214	Un agent de la formation sanitaire a-t-il pris la température de l'enfant ?	Oui=1, Non=2	Does someone in the facility plot the child's height over weight?	Yes = 1, No = 2		
f4_215	L'agent de santé a-t-il demandé si l'enfant peut boire ou prendre du lait maternel ?	Oui=1, Non=2	Does the health worker ask whether child is able to drink or breastfeed?	Yes = 1, No = 2		
f4_216	L'agent de santé a-t-il demandé si l'enfant vomit tout ce qu'il prend ?	Oui=1, Non=2	Does the health worker ask whether child vomits everything?	Yes = 1, No = 2		
f4_217	L'agent de santé a-t-il demandé si l'enfant est léthargique ou s'il y a un changement dans son niveau de conscience ?	Oui=1, Non=2	Does the health worker ask whether child has lethargy or a change in level of consciousness?	Yes = 1, No = 2		
f4_218	L'agent de santé a-t-il demandé si l'enfant avait convulsé ?	Oui=1, Non=2	Does the health worker ask about convulsions?	Yes = 1, No = 2		
f4_219	L'agent de santé a-t-il demandé si l'enfant a la diarrhée ?	Oui=1, Non=2	Does the health worker ask whether child took any worm medicine during the past 6 months?	Yes = 1, No = 2	If 2 ► F4.2.26	
f4_220	Note ce que le patient a répondu à ce sujet : l'enfant a-t-il la diarrhée ?	Oui=1, Non=2	Does the health worker ask about diarrhea?	Yes = 1, No = 2	If 2 ► F4.2.26	
f4_221	L'agent de santé a-t-il demandé depuis quand le patient a la diarrhée ?	Oui=1, Non=2	Does the patient have diarrhea?	Yes = 1, No = 2		
f4_222	L'agent de santé a-t-il demandé s'il y a du sang dans les selles ?	Oui=1, Non=2	Does the health worker ask about blood in stools?	Yes = 1, No = 2		
f4_223	L'agent de santé a-t-il vérifié les plis cutanés ?	Oui=1, Non=2	Does the health worker check skin pinch?	Yes = 1, No = 2		
f4_224	Quel est le diagnostic probable mentionné par l'agent de santé pour la diarrhée de l'enfant ?		What is the diagnosis mentioned by the health worker for child's diarrhea?			
f4_224_a	a. Aucun diagnostic mentionné	Oui=1, Non=2	a. No diagnostic mentioned	Yes = 1, No = 2		
f4_224_b	b. Déshydratation sévère	Oui=1, Non=2	b. severe dehydration	Yes = 1, No = 2		
f4_224_c	c. Déshydratation modérée	Oui=1, Non=2	c. moderate dehydration	Yes = 1, No = 2		
f4_224_d	d. Pas de déshydratation	Oui=1, Non=2	d. No dehydration	Yes = 1, No = 2		
f4_224_e	e. Fièvre typhoïde	Oui=1, Non=2	e. typhoid fever	Yes = 1, No = 2		
f4_224_f	f. Amibiase	Oui=1, Non=2	f. amoebiasis	Yes = 1, No = 2		
f4_224_g	g. Dysenterie probable	Oui=1, Non=2	g. likely dysentery	Yes = 1, No = 2		
f4_224_h	h. Autre	Oui=1, Non=2	h. other	Yes = 1, No = 2		
f4_225	Préciser		Precise			
f4_226	L'agent de santé a-t-il demandé si l'enfant a la toux ou des difficultés respiratoires ?	Oui=1, Non=2	Does the health worker ask about cough or difficulty breathing?	Yes = 1, No = 2	If 2 ► F4.2.35	

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f4_227	Le patient a-t-il la toux ou des difficultés respiratoires ?	Oui=1, Non=2	Does the patient have cough or difficulty breathing?	Yes = 1, No = 2	If 2 ► F4.2.35	
f4_228	L'agent de santé a-t-il demandé depuis quand le patient a la toux ou des difficultés respiratoires ?	Oui=1, Non=2	Does the health worker ask how long the patient has coughing or difficulty breathing?	Yes = 1, No = 2		
f4_229	L'agent de santé a-t-il demandé si l'enfant a le stridor ou un sifflement durant la respiration?	Oui=1, Non=2	Does the health worker ask about stridor or wheezing?	Yes = 1, No = 2		
f4_230	L'agent de santé a-t-il vérifié la fréquence respiratoire ?	Oui=1, Non=2	Does the health worker check breathing rate?	Yes = 1, No = 2		
f4_231	L'agent de santé a-t-il déshabillé l'enfant ?	Oui=1, Non=2	Does the health worker lift shirt?	Yes = 1, No = 2		
f4_232	L'agent de santé a-t-il ausculté l'enfant ?	Oui=1, Non=2	Does the health worker listen with stethoscope?	Yes = 1, No = 2		
f4_233	Quels sont les diagnostics posés par l'agent de santé pour la toux/difficulté respiratoire de l'enfant ?		What is the diagnosis mentioned by the health worker for child's cough/difficulty in breathing?			
f4_233_a	a. Aucun diagnostic mentionné	Oui=1, Non=2	No diagnosis mentioned	Yes = 1, No = 2		
f4_233_b	b. Pneumonie grave	Oui=1, Non=2	b. severe pneumonia	Yes = 1, No = 2		
f4_233_c	c. Bronchiolite	Oui=1, Non=2	c. bronchiolitis	Yes = 1, No = 2		
f4_233_e	d. Pneumonie	Oui=1, Non=2	d. pneumonia	Yes = 1, No = 2		
f4_233_f	e. Aucune pneumonie	Oui=1, Non=2	e. no pneumonia	Yes = 1, No = 2		
f4_234	Précisez		Precise			
f4_235	L'agent de santé a-t-il demandé si l'enfant a eu de la fièvre pendant les 24 dernières heures ?	Oui=1, Non=2	Does health worker ask about fever in the past 24 hours?	Yes = 1, No = 2	If 2 ► F4.2.46	
f4_236	Le patient a-t-il eu la fièvre au cours des 24 dernières heures ?	Oui=1, Non=2	Did the patient have fever in the past 24 hours?	Yes = 1, No = 2	If 2 ► F4.2.46	
f4_237	L'agent de santé a-t-il vérifié la température si ce n'était pas encore fait par un agent avant ?	Oui=1, Non=2		Yes = 1, No = 2		
f4_238	L'agent de santé a-t-il demandé depuis quand le patient a de la fièvre ?	Oui=1, Non=2	Does the health worker check temperature if not already done?	Yes = 1, No = 2		
f4_239	L'agent de santé a-t-il demandé si l'enfant a eu la rougeole avant ?	Oui=1, Non=2	Does the health worker ask how long the patient had the fever?	Yes = 1, No = 2		
f4_240	L'agent de santé a-t-il vérifié l'état de la fontanelle (pour les patients de moins de 8 mois, pour les autres Notez 9) ?	Oui=1, Non=2	Does the health worker ask if the patient had measles previously?	Yes = 1, No = 2		
f4_241	L'agent de santé a-t-il examiné les yeux du patient ?	Oui=1, Non=2	Does the health worker check fontanelle (for patients<8months)?	Yes = 1, No = 2		
f4_242	L'agent de santé a-t-il regardé si le nez coulait ?	Oui=1, Non=2	Does the health worker examine patient eyes ?	Yes = 1, No = 2		
f4_243	L'agent de santé a-t-il regardé si l'enfant a une éruption cutanée ?	Oui=1, Non=2	Does the health worker look for runny nose ?	Yes = 1, No = 2		
f4_244	L'agent de santé a-t-il regardé la gorge de l'enfant?	Oui=1, Non=2	Does the health worker look for rash?	Yes = 1, No = 2		

Questionnaire F4

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f4_245	Quel est le diagnostic posé par l'agent de santé pour la fièvre de l'enfant ?		What is the diagnosis mentioned by the health worker for child's fever?	Yes = 1, No = 2		
f4_245_a	a. Aucun diagnostic mentionné	Oui=1, Non=2	a. No diagnosis mentioned	Yes = 1, No = 2		
f4_245_b	b. Maladie fébrile très grave	Oui=1, Non=2	b. Very severe febrile disease	Yes = 1, No = 2		
f4_245_c	c. Paludisme	Oui=1, Non=2	c. malaria	Yes = 1, No = 2		
f4_245_d	d. Grippe	Oui=1, Non=2	d. flu	Yes = 1, No = 2		
f4_245_e	e. Rhinite	Oui=1, Non=2	e. rhinitis	Yes = 1, No = 2		
f4_245_f	f. Rougeole compliquée grave	Oui=1, Non=2	f. Severe complicated measles	Yes = 1, No = 2		
f4_245_g	g. Rougeole	Oui=1, Non=2	g. measles	Yes = 1, No = 2		
f4_245_h	h. Amigdalite/Angine	Oui=1, Non=2	h. Amigdalite / Angina	Yes = 1, No = 2		
f4_245_i	i. Autre	Oui=1, Non=2	i. Other	Yes = 1, No = 2		
f4_245_spec	Préciser		Precise			
f4_246	L'agent de santé a-t-il regardé dans les oreilles ?	Oui=1, Non=2	Does the health worker look in the ears?	Yes = 1, No = 2		
f4_247	L'agent de santé a-t-il regardé derrière les oreilles ?	Oui=1, Non=2	Does the health worker look behind ears?	Yes = 1, No = 2		
f4_248	L'agent de santé a-t-il demandé si l'enfant a une douleur ou un écoulement au niveau de l'oreille ?	Oui=1, Non=2	Does health worker ask if child has ear pain or discharge?	Yes = 1, No = 2		
f4_249	L'agent de santé a-t-il vérifié les yeux de l'enfant ou la paume des mains, ou la plante des pieds (anémie) ?	Oui=1, Non=2	Does the health worker check the palms of the child's hands, or compare these against the mother's? (anemia)	Yes = 1, No = 2		
f4_250	L'agent de santé a-t-il regardé les deux pieds ou les deux chevilles (oedème) ?	Oui=1, Non=2	Does the health worker look at both feet or both ankles (edema)?	Yes = 1, No = 2		
f4_251	La porte était-elle fermée ou le rideau était-il tiré pour garantir l'intimité du patient ?	Oui=1, Non=2	Door was closed or screen was drawn to ensure patient's privacy?	Yes = 1, No = 2		

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
	Section 3 : Counseling		Section 3: Counseling			
f4_301	L'agent de santé a-t-il donné nom de la maladie à la mère / l'accompagnant ?	Oui = 1, Non = 2	Does the health worker tell mother/caretaker the name of the disease?	Yes = 1, No = 2		NOTER « 1 » POUR OUI ; « 2 » POUR CHACUNE DES OPTIONS SUIVANTES/ RECORD "1" FOR YES or "2" FOR NO FOR EACH OF THE FOLLOWING
f4_302	L'agent de santé a-t-il expliqué la maladie, ses causes et/ou son évolution ?	Oui = 1, Non = 2	Does the health worker explain about the disease, its causes and/or course?	Yes = 1, No = 2		
f4_303	L'agent de santé dit-il ce que devrait faire la mère / l'accompagnant à la maison pour l'enfant ?	Oui = 1, Non = 2	Does the health worker explain what the mother/caretaker should do at home for the child?	Yes = 1, No = 2	If 2 ► F4.3.06	
f4_304	L'agent de santé recommande t-il :		Does the health worker recommend:			
f4_304_a	a.de donner plus de liquides	Oui = 1, Non = 2	Give more fluids	Yes = 1, No = 2		
f4_304_b	b. de continuer ou d'augmenter l'alimentation et/ou l'allaitement	Oui = 1, Non = 2	Continue or increase feedings and/or breast feeding	Yes = 1, No = 2		
f4_304_c	c. de donner les bains froids/enveloppement froid pour la fièvre	Oui = 1, Non = 2	Give tepid baths for fever	Yes = 1, No = 2		
f4_304_d	d. éviter qu'il prenne froid	Oui = 1, Non = 2	Keep the child warm	Yes = 1, No = 2		
f4_304_e	e. d'éviter les médicaments autres que ceux prescrits aujourd'hui	Oui = 1, Non = 2	Avoid giving medications other than those prescribed today	Yes = 1, No = 2		
f4_304_f	f. Autre	Oui = 1, Non = 2	other	Yes = 1, No = 2		
f4_305	Précisez		Precise			
f4_306	L'agent de santé a-t-il donné à la mère / l'accompagnant une prescription ou un médicament à administrer aujourd'hui à la maison ?	Oui = 1, Non = 2	Does the health worker give mother/caretaker a prescription or medicine today to give at home?	Yes = 1, No = 2		
f4_307	L'agent de santé :		Does the health worker:			
f4_307_a	a. Explique t-il la posologie ?	Oui = 1, Non = 2	a. Explain about how to take the medicine?	Yes = 1, No = 2		
f4_307_b	b. Dit-il quels peuvent être les effets secondaires et ce qu'il faut faire ?	Oui = 1, Non = 2	b. Say what adverse reactions might be expected, and what to do about them?	Yes = 1, No = 2		
f4_307_c	c. Dit-il quels peuvent être les effets secondaires et ce qu'il faut faire ?	Oui = 1, Non = 2	c. Say what are the possible side effects and what to do?	Yes = 1, No = 2		
f4_308	c. Indique t-il à la mère /l'accompagnant les signes ou symptômes qui pourraient montrer l'aggravation de la maladie?	Oui = 1, Non = 2	c. Indicate to the mother/caretaker the signs or symptoms that should prompt return to the normal situation?	Yes = 1, No = 2	If 2 ► F4.3.11	

Questionnaire F4

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f4_309	L'agent de santé mentionne-t-il la conduite à tenir si:		Does the health worker say what to do if :			
f4_309_a	a. la fièvre ne disparaît pas après un certain temps	Oui = 1, Non = 2	a. Fever does not go away after certain time	Yes = 1, No = 2		
f4_309_b	b. la fièvre augmente	Oui = 1, Non = 2	b. Fever develops	Yes = 1, No = 2		
f4_309_c	c. l'enfant est incapable de boire ou ne boit pas bien	Oui = 1, Non = 2	c. Child is unable to drink or is drinking poorly	Yes = 1, No = 2		
f4_309_d	d. il y a un changement au niveau de la conscience	Oui = 1, Non = 2	e. Change in consciousness	Yes = 1, No = 2		
f4_309_e	e. la diarrhée persiste	Oui = 1, Non = 2	f. Diarrhea persists	Yes = 1, No = 2		
f4_309_f	f. du sang apparaît dans les selles	Oui = 1, Non = 2	g. Blood appears in the stool	Yes = 1, No = 2		
f4_309_g	g. l'enfant développe une respiration rapide ou difficile	Oui = 1, Non = 2	h. Child develops rapid or difficult breathing	Yes = 1, No = 2		
f4_309_h	h. l'enfant devient plus malade pour n'importe quelle raison	Oui = 1, Non = 2	i. Child becomes sicker for any reason	Yes = 1, No = 2		
f4_309_i	i. de nouveaux symptômes se développent	Oui = 1, Non = 2	k. If new symptoms develop	Yes = 1, No = 2		
f4_309_j	j. Autre	Oui = 1, Non = 2	other	Yes = 1, No = 2		
f4_310	Préciser		Precise			
f4_311	L'agent de santé mentionne-t-il la conduite à tenir si:		Does the health worker say what to do if :			
a	a. mentionne à la mère / l'accompagnant une date pour un contrôle programmé (visite de contrôle) ?	Oui = 1, Non = 2	a. Tell mother/caretaker when the child is to return for a scheduled check-up (return visit)?	Yes = 1, No = 2		
b	b. dit-il à la mère /l'accompagnant d'aller dans une autre formation sanitaire (avec une lettre de référence) ?	Oui = 1, Non = 2	b. Tell mother/caretaker to go to another facility (including referral)?	Yes = 1, No = 2		
c	c. explique-t-il la raison de la référence ?	Oui = 1, Non = 2	c. Explain the reason for referral?	Yes = 1, No = 2		
d	d. demande-t-il si la mère / l'accompagnant a des questions ?	Oui = 1, Non = 2	d. Ask if mother/caretaker has any questions?	Yes = 1, No = 2		
e	e. vérifie-t-il le carnet de vaccination de l'enfant ?	Oui = 1, Non = 2	e. Check the child's immunization card?	Yes = 1, No = 2		
f	f. recommande-t-il d'aller faire une vaccination ?	Oui = 1, Non = 2	f. Send the child for immunization(s), if he/ she needs immunization(s)?	Yes = 1, No = 2		
g	g. dit-il à la mère /l'accompagnant d'amener l'enfant pour des examens de laboratoire ?	Oui = 1, Non = 2	g. Tell mother/caretaker to take child for laboratory test?	Yes = 1, No = 2		
f4_312	L'agent de santé :		Does the health worker:			
f4_312_a	a. remplit-il un livret médical ou carnet de consultation?	Oui = 1, Non = 2	Complete an individual patient record, card or passport?	Yes = 1, No = 2		
f4_312_b	b. fait-il un enregistrement de l'enfant dans le registre ?	Oui = 1, Non = 2	Mark a patient tally sheet?	Yes = 1, No = 2		
f4_313	L'agent de santé se lave t-il les mains avec du savon <u>et</u> de l'eau après avoir examiner le patient ?	Oui = 1, Non = 2	Make a record in the register book?	Yes = 1, No = 2		

Questionnaire F4

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f4_314	Heure de fin de la consultation ex. 7 h est 0700, 8 h 30 est 0830 et 19 h est 1900		Time consultation ends e.g. 7 am is 0700, 8.30 am is 0830 and 7 pm is 1900			
f4_315	TOTAL temps passé (MINUTES) en consultation		How much time (MINUTES) in total did the health worker spend in consultation with patient? If consultation was completed in one sitting, enter '0000' for "2nd part of consultation".			
f4_316	Langue de la consultation	Français = 1,..... autre = 12	Language of consultation	French = 1, .....other = 12		
f4_316_spec	Préciser		Precise			
F4_comtaire	Commentaire de l'observateur à propos de la consultation		Comments of the field worker about about the consultation			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f5_se	SECTION D'ENUMERATION		ENUMERATION SECTION			
f5_id1	NUMÉRO DU QUESTIONNAIRE (Réservé à la Saisie)		NUMBER OF QUESTIONNAIR (Reserved Entering)			
f5_reg	Région:		Region			
f5_ze	Zone d'étude		Study Area			
f5_dist	District de Santé		District of healh facility			
f5_commu ne	Commune		Community			
f5_vil	Village / quartier		Village / Neighborhood			
f5_niv	Niveau de la Formation sanitaire:	HÔPITAL RÉGIONAL=1, HOPITAL DE DISTRICT/CMA=2, CENTRE MEDICAL=3, CSPS=4, DISPENSAIRE OU MATERNITE ISOLE=5, FORMATION SANITAIRE PRIVEE A BUT LUCRATIF=6, FORMATION SANITAIRE PRIVEE CONFESIONNELLE=7.	Level of Health Facility	REGIONAL HOSPITAL=1, DISTRICT Hospital=2, MEDICAL CENTER=3, CSPS=4, DISPENSARY MATERNITY UNIT=5,PRIVATE FOR PROFIT HEALTH FACILITY=6, PRIVATE RELIGIOUS HEALTH FACILITY=7. ☐		
f5_fosa	NOM DE LA FORMATION SANTAIRE		NAME OF HEALTH FACILITY			
f5_codfosa	CODE DE LA FORMATION SANITAIRE		CODE OF HEALTH FACILITY			
f5_latitude	LATITUDE (NORD)		LATITUDE (NORTH)			
f5_longitud e	LONGITUDE (EST)		LONGITUDE (EAST)			
f5_empl	EMPLACEMENT	URBAN=1, RURAL=2.	LOCATION	URBAN=1, RURAL=2.		
f5_codeng	CODE ENQUETEUR		INTERVIEWER CODE			
f5_Ddatevi s	Date visite		Visit Date			
f5_result	Questionnaire (cette partie doit être remplie à l'issu de l'interview)	ENTIEREMENT REMPLI=1, PARTIELLEMENTREPLI=2, LE RESPONSABLE A REFUSÉ L'ENTREVUE=3, LE RESPONSABLE EST ABSENT (LE PERSONNEL PRESENT N'EST PAS AUTORISÉ)=4, LA FORMATION SANITAIRE EST VIDE (AUCUN MEMBRE DU PERSONNEL N'EST PRESENT)=5, AUTRE, PRÉCISER=7.	Questinnaire (this section must be completed at the end of the interview)	FULLY COMPLETED = 1, PARTIALY COMPLETED = 2, THE MANAGER REFUSED THE INTERVIEW = 3, THE MANAGER RESPONSIBLE IS ABSENT (STAFF AVAILABLE IS NOT AUTHORIZED TO RESPOND) = 4, THE HEALTH FACILITY IS EMPTY (NO STAFF IS PRESENT) = 5, OTHER, SPECIFY = 7 .		
f5_const	CONSENTEMENT ECLAIRE, A RECUEILLIR AVANT LE DEBUT DE L'OBSERVATION	OUI=1, NON=2.	CONSENT, TO COLLECTED BEFORE THE BEGINNING OF OBSERVATION	YES=1, NO=2.		
f5_codesu p	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Code)		CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Code)			
f5_datesup	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Date)	JOUR/MOIS/ANNÉE	CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Date)	DAY/MONTH/YEAR		
f5_codops	OPERATEUR DE SAISIE DE DONNEES (Code)		DATA ENTRY OPERATOR (Code)			
f5_datesais ie	OPERATEUR DE SAISIE DE DONNEES (Date)	JOUR/MOIS/ANNÉE	DATA ENTRY OPERATOR (Date)	DAY/MONTH/YEAR		

	Wording of the question in French	Response option in French	Wording of the question in English	Response option in English	Skip	Remarks
(1)	Identification		Identification			NOTE ANSWERS
Je vais commencer l'entrevue en vous posant quelques questions sur vous-même.			I am going to start the interview by asking you some questions about yourself.			
f5_100	NUMERO DE SUIVI DE PATIENT (Voir F3)		NUMBER OF PATIENT MONITORING (see F3)			
f5_101	Pouvez-vous me donner votre âge ?	ANNÉES (RÉVOLUES)	Can you give me your age?	YEARS (COMPLETE)		
f5_102	Savez-vous lire et écrire ?	OUI=1, NON=2.	Can you read and write?	Yes =1, No=2.		
f5_103	Quel est votre niveau d'études le plus élevé ?	Aucun=1, Primaire=2, Secondaire 1er cycle=3, Secondaire 2ème cycle=4, Supérieur=5.	What is your highest level of education ?	None = 1, Primary =2, Secondary 1 cycle = 3, Secondary 2nd cycle = 4, Superior=5.	1 ► (1,05)	
f5_104	Quelle est la classe la plus élevée achevée dans ce niveau?	CP1=1, CP2=2, CE1=3, CE2=4 CM1=5, CM2=6, 6IEME=7 5IEME=8, 4IEME=9, 3IEME=10 2ND=11, 1ERE=12 TERMINALE=13, 1ERE ANNEE SUP=14 2EME ANNEE SUP=15 3EME ANNEE SUP=16 4E ANNEE ET PLUS=17	What is the highest class that you completed at that level?	CP1=1, CP2=2, CE1=3, CE2=4, CM1=5, CM2=6, 6TH=7, 5TH=8, 4TH=9, 3RD=10, 2ND=11, 1ST=12, TERMINAL=13, 1ST YEAR SUP= 14, 2ND YEAR SUP=15, 3RD YEAR SUP=16, 4TH YEAR AND MORE=17.		
f5_105	Quel est votre statut matrimonial ?	Célibataire=1, Mariée / union libre=2, Veuve=3, Divorcée/ séparée=4	What is your marital status?	single=1, Married / common-law=2, widow=3, Divorced / separated=4.	1 ► 2,01	
					3 ► 2,01	
					4 ► 2,01	
f5_106	Quel est le niveau d'études le plus élevé de votre conjoint?	Primaire=1, Secondaire 1er cycle=2, Secondaire 2ème cycle=3, Supérieur=4 Ne sais pas=5	What is the highest level of education of your husband/partner?	None=1, Primary=2, Secondary 1st cycle=3, High school=4, University=5, Do not know=6		

Variable Name	Wording of the question in French	Response option in French	Wording of the question in English option in English	Response	Skip	Remarks
(2)	Traitement et conseil		Treatment and counseling			
f5_201	Pendant cette visite à la formation sanitaire, combien d'agents de santé vous ont-ils administré des soins ?		During the visit to the clinic, how many health workers provided care to you?			
f5_202	Ceux-ci peuvent être des docteurs, des infirmiers, des techniciens de laboratoire, des sage-femmes etc. qui ont directement pris soin de vous ou vous ont donné des conseils ou des médicaments. Quel est le nom/ titre du (premier) personnel de santé qui a pris soin de vous ?	Ecrivez ici le nom ou titre du 1er personnel de santé	These include doctors, nurses, laboratory technicians, midwives etc.. who directly cared for you or gave you advice or medication. What is the name / title of the (first) health staff who took care of you?	Write here the name or title of the first health personnel		
f5_203	SAISIR LE CODE D'IDENTIFICATION DE L'AGENT DE SANTÉ OBTENU À PARTIR DE LA LISTE DU PERSONNEL DE LA FORMATION SANITAIRE (F1)		CHECK THE IDENTIFICATION CODE OF HEALTH WORKER GOT FROM THE LIST OF PERSONAL HEALTH TRAINING (F1)			
	VÉRIFIER SI LA PATIENTE A VU PLUS D'UN AGENT DE SANTÉ	SI LA PATIENTE A VU PLUS D'UN AGENT DE SANTE, DEMANDER LES NOMS DE TOUS CEUX QU'ELLE A VU. SI ELLE N'EN A VU QU'UN PASSEZ A	CHECK IF THE PATIENT HAS SEEN MORE THAN ONE OF THE HEALTH WORKER	IF THE PATIENT HAS SEEN MORE THAN ONE OF THE HEALTH WORKER, ASK THE NAMES OF ALL THOSE SHE SAW. IF IS ONESEEN, GO TO	► 2,10	
f5_204	Quel est le nom/ titre du deuxième personnel de santé qui a pris soin de vous ?	Ecrivez ici le nom ou titre du 2ème personnel de santé	What is the name / title of the second health staff who took care of you?	Write here the name or title of the second health personnel		
f5_205	SAISIR LE CODE D'IDENTIFICATION DE L'AGENT DE SANTÉ OBTENU À PARTIR DE LA LISTE DU PERSONNEL DE LA FORMATION SANITAIRE		CHECK THE IDENTIFICATION CODE OF HEALTH WORKER GOT FROM THE LIST OF STAFF OF THE HEALTH FACILITY			
f5_206	Quel est le nom/ titre du troisième personnel de santé qui a pris soin de vous ?	Ecrivez ici le nom ou titre du 3ème personnel de santé	What is the name / title of the third health staff who took care of you?	Write here the name or title of the third health personnel		
f5_207	SAISIR LE CODE D'IDENTIFICATION DE L'AGENT DE SANTÉ OBTENU À PARTIR DE LA LISTE DU PERSONNEL DE LA FORMATION SANITAIRE		CHECK THE IDENTIFICATION CODE OF HEALTH WORKER GOT FROM THE LIST OF STAFF OF THE HEALTH FACILITY			
f5_208	Quel est le nom/ titre du 4ème personnel de santé qui a pris soin de vous ?	Ecrivez ici le nom ou titre du 4ème personnel de santé	What is the name / title of the fourth health staff who took care of you?	Write here the name or title of the fourth health personnel		
f5_209	SAISIR LE CODE D'IDENTIFICATION DE L'AGENT DE SANTÉ OBTENU À PARTIR DE LA LISTE DU PERSONNEL DE LA FORMATION SANITAIRE		CHECK THE IDENTIFICATION CODE OF HEALTH WORKER GOT FROM THE LIST OF STAFF OF THE HEALTH FACILITY			
f5_210	Avez-vous apporté un carnet de visite prénatale ou une carte de vaccination aujourd'hui ? SI OUI : DEMANDER À VOIR LA CARTE/LE CARNET.	Oui, l'enquêteur a vu la carte, le carnet=1 Oui, l'enquêteur n'a pas vu la carte, le carnet=2 Non, la patiente n'a pas de carte, de	Do you have an antenatal-care card/book, or an immunisation card with you today? IF YES: ASK TO SEE THE CARD/BOOK.	Yes, card/book seen=1, No, card/book not seen=2, No, card/book kept with facility=3, No, card/book used elsewhere=4.	2 ►2,15	

Variable Name	Wording of the question in French	Response option in French	Wording of the question in English option in English	Response	Skip	Remarks
		carnet=3 Non, la carte/le carnet est dans la formation sanitaire=4			3 ► 2,15	
					4 ► 2,15	
f5_211	VÉRIFIEZ LE CARNET DE VISITE PRÉNATALE OU LA CARTE DE VACCINATION. INDIQUEZ S'IL Y A UNE REMARQUE OU UNE TRACE	OUI, 1 FOIS=1, OUI, 2 FOIS OU PLUS=2, NON=3.	CHECK ANTENATAL-CARE CARD/BOOK, OR IMMUNIZATION CARD. INDICATE WHETHER THERE IS ANY NOTE OR RECORD OF THE CLIENT HAVING	YES, 1 TIME =1, YES, 2 OR MORE TIMES=2, NO=3.		
f5_212	LA PATIENTE EN EST A COMBIEN DE SEMAINES DE GROSSESSE, SELON LES INDICATIONS CONTENUES DANS LE	SEMAINES	HOW MANY WEEKS PREGNANT IS THE CLIENT, ACCORDING TO THE ANTENATAL CARE CARD/BOOK?	Number of weeks		
f5_213	LE CARNET INDIQUE T-IL QUE LA CLIENTE À REÇU UN TRAITEMENT PRÉVENTIF INTERMITTENT CONTRE LE PALUDISME ?	OUI, 1 DOS=1, OUI, 2 DOSESE=2, NON=3.	DOES THE CARD/BOOK INDICATE THE CLIENT HAS RECEIVED INTERMITTENT PREVENTIVE TREATMENT (IPT) AGAINST MALARIA?	YES, 1 DOSE=1, YES, 2 DOSES=2, No=3.		
f5_214	LE CARNET/LA CARTE MENTIONNE-T-IL LE GROUPE SANGUIN DE LA PATIENTE ?	OUI=1, NON=2	DOES THE CARD/BOOK MENTION THE CLIENT'S BLOOD GROUP?	YES=1, NO=2		
f5_215	Depuis combien de temps êtes-vous enceinte ? (NOTEZ LES SEMAINES)		How long have you been pregnant? (RECORD MONTHS OR WEEKS)	Number of weeks		
f5_216	Est-ce votre première grossesse ?	OUI=1, NON=2	Is this your first pregnancy?	YES=1, NO=2		
f5_217	Est-ce votre première visite prénatale dans cette formation sanitaire pour cette grossesse ?	OUI=1, NON=2	Is this your first antenatal visit at this facility for this pregnancy?	YES=1, NO=2	2,19	
f5_218	En plus de cette visite, combien de visites de soins prénatals avez-vous		Including this visit, how many antenatal care visits have you had for this			
f5_219	Combien de visites prénatales avez-vous effectuées pour cette grossesse en		How many antenatal care visits have you had for this pregnancy to other			
f5_220	Avez-vous été pesée pendant cette visite ?	OUI=1, NON=2	During this visit, were you weighed?	YES=1, NO=2		
f5_221	A-t-on pris votre taille pendant cette visite ?	OUI=1, NON=2	During this visit, was your height measured?	YES=1, NO=2		
f5_222	Pendant cette visite, un agent a-t-il pris votre tension artérielle ? EXPLIQUER :	OUI=1, NON=2	During this visit, did someone measure your blood pressure? EXPLAIN: This is	YES=1, NO=2		
f5_223	Avez-vous donné un échantillon de votre urine pendant cette visite ?	OUI=1, NON=2	During this visit, did you give a urine sample? EXPLAIN: Did someone ask you	YES=1, NO=2		
f5_224	Pendant cette visite, avez-vous donné un échantillon de votre sang ?	OUI=1, NON=2	During this visit, did you give a blood sample? EXPLAIN: Did someone prick	YES=1, NO=2		
f5_225	Avez-vous programmé votre accouchement dans la formation	OUI=1, NON=2	During this visit, did you schedule your delivery in the facility?	YES=1, NO=2		
f5_226	L'agent a-t-il palpé votre ventre	OUI=1, NON=2	During this visit, did the provider	YES=1, NO=2		

Variable Name	Wording of the question in French	Response option in French	Wording of the question in English option in English	Response	Skip	Remarks
	pendant cette visite ? EXPLIQUEZ :		palpate your tummy? EXPLAIN: Did the			
f5_227	L'agent de santé a-t-il estimé la date d'accouchement pendant cette visite ?	OUI=1, NON=2	During this visit, did the health worker estimate your delivery or due date?	YES=1, NO=2		
f5_228	A-t-on mesuré la taille de votre utérus pendant cette visite ? EXPLIQUEZ : Le	OUI=1, NON=2	During this visit, was your uterine height measured? EXPLAIN: This is	YES=1, NO=2		
f5_229	Un agent de santé a-t-il demandé quel est votre groupe sanguin pendant cette	OUI=1, NON=2	During this visit, did a health worker ask for your blood type?	YES=1, NO=2		
f5_230	Pendant cette visite, un agent de santé vous a-t-il donné des conseils relatifs à votre régime (ce qu'il faut manger et boire) pendant cette grossesse ?	OUI=1, NON=2	During this visit, did a health worker give you advice on your diet (this is, what to eat and drink) during pregnancy?	YES=1, NO=2	2,32	
	Qu'est-ce que l'agent de santé vous a conseillé de manger pendant cette grossesse ?	N'ÉNUMÉREZ PAS DES RÉPONSES, MAIS POUR CHAQUE OPTION, NOTER « 1 » SI MENTIONNÉ, ET « 2 » SI RIEN N'EST INDIQUÉ. VOUS POUVEZ FAIRE L'ENQUÊTE SANS UTILISER LES RÉPONSES SPÉCIFIQUES (EX. « AUTRE	What did the health worker advise you to eat during pregnancy?	DO NOT CITE ANSWERS, BUT FOR EACH OPTION RECORD "1" IF MENTIONED, "2" IF NOT MENTIONED. YOU MAY PROBE WITHOUT USING SPECIFIC ANSWERS (E.G., "ANYTHING ELSE?")		
f5_231_a	a. Legumes verts à feuilles		a. Green leafy vegetables			
f5_231_b	b. Lait		b. Milk			
f5_231_c	c. Viande		c. Meat and Poultry			
f5_231_d	d. Fruits et noix		d. Fruits and nuts			
f5_231_e	e. Autres		e. Other			
f5_231_sp e	specifiez		Specify			
f5_232	Pendant cette visite, un agent de santé vous a-t-il donné des comprimés de fer, d'acide folique ou du fer contenant l'acide folique, ou vous les a-t-il prescrit ? MONTREZ AU PATIENT UN	OUI=1, NON=2	During this visit, did a health worker give you iron pills, folic acid or iron with folic acid, or give you a prescription for them? SHOW THE CLIENT AN IRON PILL, A FOLIC-ACID PILL, OR A	YES=1, NO=2	2,34	|_ |
f5_233	DEMANDEZ À VOIR LE FER/L'ACIDE FOLIQUE/LE FER CONTENANT L'ACIDE FOLIQUE OU UNE PRESCRIPTION DU PATIENT.	J'AI VU LES COMPRIMÉS=1, J'AI VU L'ORDONNANCE=2, AUCUN COMPRIME OU ORDONNANCE=3	ASK TO SEE THE CLIENT'S IRON/FOLIC ACID/IRON WITH FOLIC ACID PILLS OR PRESCRIPTION FOR IT.	SAW PILLS=1, SAW PRESCRIPTION=2, NO PILLS OR PRESCRIPTION=3.		
				YES=1, NO=2.		
f5_234	Pendant cette visite ou les visites précédentes, un agent de santé vous a-t-il parlé des effets secondaires des comprimés de fer ?	OUI=1, NON=2	During this or previous visits, has a health worker discussed with you the side effects of the iron pill?	1	2,36	
f5_235	Donnez-moi un effet secondaire des comprimés de fer que vous connaissez.	a. NAUSÉE, b. SELLES NOIRES, c. CONSTIPATION d. AUTRE	Please tell me any side effect of the iron pill that you know of.	a. NAUSEA, b. BLACK STOOL, c. CONSTIPATION, d. OTHERS		
	N'ÉNUMÉREZ PAS DES RÉPONSES, MAIS POUR CHAQUE OPTION, NOTER « 1 » SI MENTIONNÉ, ET « 2 » SI RIEN		DO NOT CITE ANSWERS, BUT FOR EACH OPTION RECORD "1" IF MENTIONED, "2" IF NOT MENTIONED. YOU MAY			
f5_236	Pendant cette visite, un agent de santé vous a-t-il donné ou prescrit des	OUI=1, NON=2	During this visit, has a health worker given or prescribed any antimalarial	YES=1, NO=2. 1	2,38	

Variable Name	Wording of the question in French	Response option in French	Wording of the question in English option in English	Response	Skip	Remarks
	médicaments antipaludiques ? MONTRER LES COMPRIMÉS DE FANSIDAR AUX PATIENTS.		pills for you? SHOW THE CLIENT CAPSULES OF QUININE AND FANSIDAR.			
f5_237	DEMANDER À VOIR LES MÉDICAMENTS ANTIPALUDIQUES OU L'ORDONNANCE.	J'AI VU LES COMPRIMÉS=1, J'AI VU L'ORDONNANCE=2, AUCUN COMPRIME OU ORDONNANCE=3	ASK TO SEE THE CLIENT'S ANTIMALARIAL PILLS OR PRESCRIPTION FOR IT.	a.SAW PILLS, b.SAW PRESCRIPTION, c. NO PILLS OR PRESCRIPTION		
f5_238	Avez-vous une moustiquaire imprégnée, c'est-à-dire une moustiquaire qui a été traitée avec un insecticide pour vous protéger contre les piqûres de moustiques ?	OUI=1, NON=2	Do you own an Insecticide Treated Net (ITN), that is a net that has been treated with an insecticide to protect you from mosquito bites?	YES=1, NO=2.	2,40	
f5_239	Avez-vous dormi la nuit dernière sous une moustiquaire imprégnée ?	OUI=1, NON=2	Last night, did you sleep under an insecticide treated net?	YES=1, NO=2.		
f5_240	Pendant cette visite ou d'autres visites antérieures, avez-vous reçu une	OUI=1, NON=2	During this visit, did a health worker offer you an Insecticide Treated Net	YES=1, NO=2.		
f5_241	Pendant cette visite ou d'autres visites antérieures, un agent de santé s'est-il	OUI=1, NON=2	During this visit, did a health worker offer to sell you an Insecticide Treated	YES=1, NO=2.		
f5_242	Pendant cette visite ou d'autres visites antérieures, un agent de santé vous a-t-	OUI=1, NON=2	During this visit or previous visits, has a health worker asked you whether you	YES=1, NO=2.		
f5_243	Avez-vous déjà reçu une injection d'anatoxine tétanique, y compris celle que vous pourriez avoir reçu aujourd'hui ?	OUI=1, NON=2	Have you ever received a tetanus toxoid injection, including one you may have received today?	YES=1, NO=2.	2,45	
f5_244	Combien de fois au total dans votre vie avez-vous reçu une injection		Including any Tetanus Toxoid injection you received today, how many times in			
f5_245	Pendant cette visite ou les visites précédentes, un agent vous a-t-il parlé des signes de complication (signes alarmants) qui devraient vous alerter pendant la grossesse?	Oui, pendant cette visite=1, Oui, lors de la visite précédente=2, aucun=3	During this visit or previous visits, has a health worker talked with you about any signs of complications (danger signs) that should warn you of problems with the pregnancy?	Yes, during this visit=1, Yes, during previous visit=2, No=3.		
f5_246	Donnez-moi des signes de complication (signes alarmants) pendant la grossesse	N'ÉNUMÉREZ PAS DES RÉPONSES, MAIS POUR CHAQUE OPTION, NOTER « 1 » SI MENTIONNÉ, ET « 2 » SI RIEN N'EST INDiqué. VOUS POUVEZ FAIRE L'ENQUÊTE SANS UTILISER LES RÉPONSES SPÉCIFIQUES (EX. « AUTRE CHOSE ? »)	Please tell me any signs of complications (danger signs) during	DO NOT CITE ANSWERS, BUT FOR EACH OPTION RECORD "1" IF MENTIONED, "2" IF NOT MENTIONED. YOU MAY PROBE WITHOUT USING SPECIFIC ANSWERS (E.G., "ANYTHING ELSE?")		
f5_246_a	a. SAIGNEMENTS VAGINAUX		a. ANY VAGINAL BLEEDING			
f5_246_b	b. FIÈVRE		b. FEVER			
f5_246_c	c. GONFLEMENT DU VISAGE, DES MAINS OU DES JAMBES		c. SWOLLEN FACE HANDS OR LEGS			
f5_246_d	d. FATIGUE OU ESSOUFFLEMENT		d. TIREDNESS OR BREATHLESSNESS			
f5_246_e	e. VIOLENT MAUX DE TÊTE		e. SEVERE HEADACHE			
f5_246_f	f. VISION TROUBLE		f. BLURRED VISION			
f5_246_g	g. CONVULSIONS		g. CONVULSIONS			
f5_246_h	h. ÉTOURDISSEMENT/VERTIGE/VOILE NOIR		h. LIGHTHEADEDNESS/DIZZINESS/BLACKO UT			
f5_246_i	i. VIOLENT MAL AU BAS-VENTRE		i. SEVERE PAIN IN LOWER BELLY			
f5_246_j	j. LE FOETUS CESSE DE BOUGER OU SES MOUVEMENTS SONT LIMITÉS		j. BABY STOPS MOVING OR REDUCED FETAL MOVEMENT			

Variable Name	Wording of the question in French	Response option in French	Wording of the question in English option in English	Response	Skip	Remarks
			k. BAG OF WATER BREAKS OR LEAKS			
f5_246_k	k. LA POCHE DES EAUX EST ROMPUE OU COULE		l. DIFFICULTY BREATHING			
f5_246_l	l. DIFFICULTÉ RESPIRATOIRE		m. OTHERS			
f5_246_m	m. AUTRE		SPECIFY:			
f5_246_spe	specifiez					
f5_247						
f5_248	Qu'est-ce que le personnel de santé vous a conseillé de faire si vous constatez un de ces signes alarmants pendant la grossesse ?	N'ÉNUMÉREZ PAS DES RÉPONSES, MAIS POUR CHAQUE OPTION, NOTER « 1 » SI MENTIONNÉ, ET « 2 » SI RIEN N'EST INDIQUÉ. VOUS POUVEZ FAIRE L'ENQUÊTE SANS UTILISER LES RÉPONSES SPÉCIFIQUES (EX. « AUTRE CHOSE ? »)	What did the health worker advise you to do if you experienced any of the warning signs during pregnancy?	DO NOT CITE ANSWERS, BUT FOR EACH OPTION RECORD "1" IF MENTIONED, "2" IF NOT MENTIONED. YOU MAY PROBE WITHOUT USING SPECIFIC ANSWERS (E.G., "ANYTHING ELSE?")		
f5_248_a	a. DEMANDER DES SOINS DANS LA FORMATION SANITAIRE		a. SEEK CARE AT FACILITY			
f5_248_b	b. ACTIVITÉ PHYSIQUE RÉDUITE		b. DECREASE PHYSICAL ACTIVITY			
f5_248_c	c. CHANGER LE RÉGIME ALIMENTAIRE		c. CHANGE DIET			
f5_248_d	d. AUTRE,Spécifiez		d. OTHER, SPECIFY			
f5_249	Un personnel de santé vous a-t-il parlé du recours au planning familial après la naissance de votre bébé pendant cette visite ?	OUI=1, NON=2	During this visit, did a health worker talk with you about using family planning after the birth of your baby?	YES=1, NO=2.		
					3,01	
f5_250	Le personnel de santé vous a-t-il parlé d'une méthode spécifique de planning familial pendant cette visite ?	OUI=1, NON=2	During this visit, did the health worker discuss with you any specific method of family planning?	YES=1, NO=2.		
					3,01	
f5_251	De quelles méthodes de planning familial vous a parlé le personnel de santé ?	N'ÉNUMÉREZ PAS DES RÉPONSES, MAIS POUR CHAQUE OPTION, NOTER « 1 » SI MENTIONNÉ, ET « 2 » SI RIEN N'EST INDIQUÉ. VOUS POUVEZ FAIRE L'ENQUÊTE SANS UTILISER LES RÉPONSES SPÉCIFIQUES (EX. « AUTRE CHOSE ? »)	Which family planning methods did the health worker discuss?	DO NOT CITE ANSWERS, BUT FOR EACH OPTION RECORD "1" IF MENTIONED, "2" IF NOT MENTIONED. YOU MAY PROBE WITHOUT USING SPECIFIC ANSWERS (E.G., "ANYTHING ELSE?")		
f5_251_a	a. STÉRILISATION FÉMININE		a. FEMALE STERILIZATION,			
f5_251_b	b. PILULE CONTRACEPTIVE		b. MALE STERILIZATION			
f5_251_c	c. DISPOSITIF INTRA UTÉRIN (DIU)		c. INTRAUTERINE DEVICE (IUD)			
f5_251_d	d. CONTRACEPTIFS INJECTABLES		d. INJECTABLE CONTRACEPTIVES			
f5_251_e	e. IMPLANTS		e. IMPLANTS			
f5_251_f	f. PRÉSERVATIFS MASCULINS		f. MALE CONDOMS			
f5_251_g	g. PRÉSERVATIFS FÉMININS		g. FEMALE CONDOMS			
f5_251_h	h. DIAPHRAGME		h. DIAPHRAGM			
f5_251_i	i. MOUSSE / GÉLATINE		i. FOAM / JELLY			
f5_251_j	j. AMÉNORRHÉE DUE À LA LACTATION		j. LACTATIONAL AMENORRHEA			
f5_251_k	k. ABSTINENCE PÉRIODIQUE		k. PERIODIC ABSTINENCE / RHYTHM METHOD			
f5_251_l	l. COÏT INTERROMPU		l. WITHDRAWAL / COITUS INTERRUPTUS			
f5_251_m	m. AUTRE		m. OTHER			

Variable Name	Wording of the question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
(3)	Transport et dépenses de la patiente		Patient travel and expenditure			
f5_301	À quelle distance de votre maison se situe la formation sanitaire ?	KILOMETRES	How far is your household from this health facility?	KILOMETERS		
f5_302	Combien de temps vous a-t-il fallu pour arriver ici partant de votre maison, <u>aller simple</u> en minutes ?	MINUTES	How long did it take you to reach this health facility from home today, one way in minutes?	MINUTES		
f5_303	Quel était votre principal mode de transport aujourd'hui ? (<u>aller simple</u>)	À pieds=1, Vélo personnel=2, Charrette avec âne ou cheval=3, Voiture personnelle=4, Moto personnelle=5, Transport collectif (bus,vélo, moto, taxi)=6 Autre=97 ☐	What was your primary mode of transportation today? (One way)	By foot=1, Bicycle=2, Animal=3, Private car=4, Private motorcycle=5, Public car/bus=6, Other specify=97	1 ► 3,05	
					2 ► 3,05	
f5_304	Combien vous a coûté en CFA, pour un aller simple, votre déplacement pour la formation sanitaire aujourd'hui ?	FCFA	How much did it cost in FCFA for you to travel to the health facility today, one way?	FCFA		
f5_305	Pendant combien de temps avez-vous attendu dans la formation sanitaire avant d'être reçu par le personnel de santé ?	MINUTES	How long did you wait in the health facility before being seen in consultation by the health worker?	MINUTES		
f5_306	Combien de temps avez-vous passé avec l'Agent de santé pendant la consultation ?	MINUTES	How long did you spend with the doctor or nurse during the consultation?	MINUTES		
f5_307	Pensez-vous que la durée d'attente était trop longue ?	OUI=1, NON=2.	Do you think waiting time was too long?	YES=1, NO=2.		
f5_308	Avez-vous payé des frais de consultation?	OUI=1, NON=2.	Did you have to pay a consultation fee?	YES=1, NO=2.		
					2 ► 3,10	
f5_309	Combien avez-vous payé pour cela en CFA?	FCFA	How much did you pay for this in FCFA?	FCFA		
f5_310	A part les frais de consultation, l'agent de santé vous a-t-il demandé de l'argent en plus?	OUI=1, NON=2.	Apart from the consultation fee, did the health worker ask you additional money?	YES=1, NO=2.		
					2 ► 3,12	
f5_311	Combien avez-vous donné pour cela en CFA?	FCFA	How much did you pay for this in FCFA?	FCFA		
f5_312	Avez-vous fait un examen de laboratoire ?	OUI=1, NON=2.	Was a laboratory test done?	YES=1, NO=2.		
					2 ► 3,14	
f5_313	Combien avez-vous payé en CFA pour ce service ?	FCFA	How much did you pay for this in FCFA?	FCFA		
f5_314	Avez-vous effectué une échographie ?	OUI=1, NON=2.	Was an ultrasound done?	YES		

Variable Name	Wording of the question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
					2 ► 3,16	
f5_315	Combien aviez-vous payé en CFA pour ce service ?	FCFA	How much did you pay for this in FCFA?	FCFA		
f5_316	Avez-vous reçu des médicaments ?	OUI=1, NON=2.	Were medicines dispensed to you today?	YES	2 ► 3,18	
f5_317	Combien avez-vous payé en CFA pour ces médicaments ?	FCFA	How much did you pay for this in FCFA?	FCFA		
f5_318	Combien avez-vous dépensé au total en CFA dans la formation sanitaire pour cette visite, sans compter les frais de transport ?	FCFA	How much was spent in total in FCFA at the facility for this visit, not including transportation costs?	FCFA	If nothing ► 3,20	
f5_319	D'où provient l'argent utilisé pour payer les soins de santé aujourd'hui ?	N'ÉNUMÉREZ PAS LES RÉPONSES, MAIS POUR CHAQUE OPTION, NOTER « 1 » SI MENTIONNÉ, ET « 2 » SI RIEN N'EST INDIQUÉ. VOUS POUVEZ FAIRE L'ENQUÊTE SANS UTILISER LES RÉPONSES SPÉCIFIQUES (EX. « AUTRE CHOSE ? »)	Where did the money come from that was used to pay for health care today?	DO NOT CITE ANSWERS, BUT FOR EACH OPTION RECORD "1" IF MENTIONED, "2" IF NOT MENTIONED. YOU MAY PROBE WITHOUT USING SPECIFIC ANSWERS (E.G., "ANYTHING ELSE?")		
			a . BUDGET SAVINGS OR REGULAR HOUSEHOLD BUDGET			
f5_319_a	a. ÉPARGNE OU BUDGET RÉGULIER DU MENAGE		b. HEALTH INSURANCE			
f5_319_b	b. ASSURANCE MALADIE		c. SALE OF HOUSEHOLD GOODS			
f5_319_c	c. VENTE DES BIENS DU MENAGE		d. LOAN / CREDIT			
f5_319_d	d. EMPRUNT/CREDIT		e. A FRIEND / FRIENDS			
f5_319_e	e. D'UN AMI OU D'UNE CONNAISSANCE		f. FROM SOMEONE OTHER THAN A MEMBER OF THE FAMILY OR FRIENDS			
f5_319_f	f. DE QUELQU'UN D'AUTRE QU'UN MEMBRE DE LA FAMILLE OU DES AMIS		g. OTHERS			
f5_319_g	g. AUTRE		h. SPECIFY			
f5_319_sp e	Spécifiez "					
f5_320	Êtes-vous actuellement couverte par un régime d'assurance maladie ?	OUI=1, NON=2.	Are you currently covered under a health insurance scheme?	YES=1, NO=2.	2 ► 4,10	
f5_321	Quel type d'assurance maladie ? Est-ce public, privée ou les deux ?	Public=1, Privé=2, Mutuelle de santé=3, Plus d'un type=4.	What type of health insurance is this? Is it Public, Private or both?	Public=1, Private=2, Health mutual=3, More than one type=4,		

Variable Name	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
(4)	Satisfaction de la patiente		Patient Satisfaction			
f5_401	Quelle est la principale raison qui vous a poussé à choisir cette formation sanitaire et non une autre ?	SITUE NON LOIN DE LA MAISON=1 COÛT RÉDUIT=2 CONFIANCE AUX AGENTS / SOINS DE HAUTE QUALITÉ=3	What was the most important reason you chose this health facility today instead of a different source of care?	LOCATION CLOSE TO HOME=1, LOW COST=2, TRUST IN PROVIDERS / HIGH QUALITY CARE=3, AVAILABILITY OF DRUGS=4, ABILITY OF FEMALE PROVIDER=5, RECOMMENDATION=6, REFERRAL=7, OTHER, SPECIFY=97. ▯		
	NE LISEZ PAS LES OPTIONS À HAUTE VOIX. VOUS NE POUVEZ DONNER QU'UNE SEULE RÉPONSE.	DISPONIBILITÉ DES MÉDICAMENTS=4 DISPONIBILITÉ D'AGENT FÉMININ=5 RECOMMANDATION=6 REFERENCE=7	DO NOT READ OPTIONS. ONLY ONE ANSWER IS ALLOWED.			
f5_402	Précisez		SPECIFY			
f5_403	Quelle est la deuxième principale raison, s'il y en a une autre, qui vous a poussé à choisir ce centre de santé et non un autre ?	AUCUNE AUTRE RAISON=1 SITUE NON LOIN DE LA MAISON=2 COÛT RÉDUIT=3 CONFIANCE AUX AGENTS / SOINS DE HAUTE QUALITÉ=4	What was the next most important reason you chose this health facility today instead of a different source of care, if there is any other reason?	NO OTHER REASON=1, LOCATION CLOSE TO HOME=2, LOW COST=3, TRUST IN PROVIDERS / HIGH QUALITY CARE= 4, AVAILABILITY OF DRUGS=5, AVAILABILITY OF FEMALE PROVIDER=6, RECOMMENDATION=7, REFERRAL=8, OTHER, SPECIFY=97.		
	NE LISEZ PAS LES OPTIONS À HAUTE VOIX. VOUS NE POUVEZ DONNER QU'UNE SEULE RÉPONSE.	DISPONIBILITÉ DES MÉDICAMENTS=5 DISPONIBILITÉ D'AGENT FÉMININ=6 RECOMMANDATION=7 REFERENCE=8	DO NOT READ OPTIONS. ONLY ONE ANSWER IS ALLOWED.			
f5_404	Précisez		SPECIFY			
Je vais vous lire une série de déclarations concernant cette formation sanitaire. Dites-moi si vous êtes d'accord ou pas avec chaque déclaration. Certaines déclarations peuvent ne pas s'appliquer à votre situation. Dites-moi si une déclaration ne s'applique pas à vous.			I will read you a series of statements about this facility. Tell me if you agree or disagree with each statement. Certain statements may not apply to your situation. Tell me if a statement does not apply to you.			
	LIRE CHAQUE DÉCLARATION À L'ENQUÊTÉ ET NOTER LE CODE DE LA		READ EACH STATEMENT TO THE RESPONDENT AND RECORD THE			
f5_405	Il est pratique de venir de votre maison à la formation sanitaire.		It is convenient to travel from your house to the health facility.			
f5_406	La formation sanitaire est propre.		The health facility is clean.			
f5_407	Le personnel de santé est courtois et respectueux.		The health staff are courteous and respectful.			
f5_408	Le personnel médical vous a bien expliqué votre état de santé	CODE DE LA RÉPONSE ACCORD 1	The health workers did a good job of explaining your condition.			
f5_409	Il est facile d'obtenir les médicaments prescrits par les agents de santé.	NI EN ACCORD NI EN DÉSACCORD 2 DÉSACCORD 3	It is easy to get medicine that health workers prescribe.			
f5_410	Les frais de consultation sont raisonnables.	NON APPLICABLE 9	The registration fees of this visit to the health facility were reasonable.			
f5_411	Les frais de laboratoire pour cette visite étaient raisonnables.		The lab fees of this visit to the health facility were reasonable.			
f5_412	Les frais des médicaments pour cette visite étaient raisonnables.		The medication fees of this visit to the health facility were reasonable.			
f5_413	Les frais de transport pour cette visite étaient raisonnables.		The transport fees for this visit to the health facility were reasonable.			
f5_414	Les soignants ne demandent pas de paiements additionnel		The health workers don't ask for presents as additional payment			
f5_415	Le temps que vous avez passé à attendre la consultation d'un agent était raisonnable.		The amount of time you spent waiting to be seen by a health provider was reasonable.			

Variable Name	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
f5_416	Vous avez eu assez d'intimité pendant votre visite.		You had enough privacy during your visit.			
f5_417	L'agent de santé a passé assez de temps avec vous.		The health worker spent a sufficient amount of time with you.			
f5_418	Les heures auxquelles la formation sanitaire est ouverte sont adaptées à vos besoins.		The hours the facility is open are adequate to meet your needs.			
f5_419	La qualité générale des services fournis était satisfaisante.	La qualité générale des services fournis était satisfaisante.	The overall quality of services provided was satisfactory.			
Je vais maintenant vous poser des questions concernant						
f5_420	Etes-vous satisfaite des services et conseils sur la planification familiale reçus au cours de cette visite?	OUI=1, NON=2	Are you satisfied with the services and advice on family planning received during this visit?	YES=1, NO=2		
f5_421	ENQUÊTEUR,VEUILLEZ SPECIFIEZ LE DEGRE DE SATISFACTION DE LA PATIENTE A TRAVERS LES POINTS SUIVANTS :	Notez 1 pour OUI et 2 pour NON	INTERVIEWER PLEASE SPECIFY THE DEGREE OF SATISFACTION OF THE PATIENT THROUGH THE FOLLOWING:	Note 1 for YES and 2 for NO □		
f5_421_a	a. L'agent de santé vous a-t-il donné une impression positive?		a. The health worker has given you a positive impression?			
f5_421_b	b. L'agent de santé s'est-il montré disponible et a-t-il répondu à toutes vos questions?		b. The health worker is available and showed he answered all your questions?			
f5_421_c	c. Etes-vous satisfait de l'intimité durant la consultation (nombre de personnes présentes dans la salle, porte ouverte durant la consultation...) ?		c.Are you satisfied with the privacy during consultation (number of people present in the room door open during the consultation ...)?			
f5_421_d	d. La qualité du service correspond t-elle à vos attentes		d. Service quality is up to your expectations □			
f5_422	Avant votre grossesse actuelle, avez-vous utilisé une méthode de planification familiale?	OUI=1,NON=2	Before your current pregnancy, did you use a method of family planning?	YES=1, NO=2	2 ► (5.01)	
f5_423	Si oui, spécifiez		If yes, specify			
f5_424	Pendant combien de temps avez-vous utilisé cette méthode (Notez le temps en mois)		How long have you used this method (note the time in months)			
f5_425	A votre avis, le coût de cette méthode était-il approprié?	OUI=1, NON=2, NSP=3	In your opinion, the cost of this method was appropriate?	YES=1, NO=2, DNK=3		

Variable Name	Wording of question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
			What was your source of supply?	DON'T KNOW		
f5_426	Quelle était votre source d'approvisionnement ?	Centre de santé=1 Pharmacie=2 Marché/vendeur ambulant=3 Autre=4	Health Centre = 1 Pharmacie = 2 Market / street vendor = 3	HealthCenter Pharmacy Market / street vendor		
f5_427	Spécifiez		Specify	Others		
f5_428	A votre avis, la distance entre votre domicile et votre source d'approvisionnement était-elle acceptable ?	OUI=1, NON=2, NSP=3	In your opinion, the distance between your home and your source of supply was acceptable?	YES=1, NO=2, DNK=3		

Variable Name	Wording of Question in French	Response option in French	Wording of question in English	Response option in English	Skip	Remarks
(5)	Sécurité et confiance		Security and Trust			RECORD RESPONSE
Je vais vous lire une série de déclarations concernant la sécurité et la confiance dans cette			I will read you a series of statements regarding the safety and confidence in this facility. Please respond to			
	LIRE CHAQUE DÉCLARATION À L'ENQUÊTE ET NOTER LE CODE DE LA RÉPONSE POUR CHAQUE QUESTION.	ACCORD=1, NI EN ACCORD NI EN DÉSACCORD=2, DÉSACCORD=3. NON APPLICABLE=4.	READ EACH STATEMENT TO THE RESPONDENT AND RECORD THE RESPONSE CODE FOR EACH QUESTION.	AGREE=1, NEITHER AGREE OR DISAGREE=2, DISAGREE=3, NOT APPLICABLE= 4.		
f5_501	Le niveau de sécurité dans la zone ne permet pas aux populations de la communauté d'utiliser les services de santé disponibles.		The level of security in the health facility area makes it difficult for people in the community to use available health services.			
f5_502	Les personnels soignants de cette formation sanitaire sont honnêtes et respectent les patients		The health workers in this facility are honest and respect patients,			
f5_503	Les agents de santé dans cette formation sanitaire sont extrêmement consciencieux et prudents.		The health workers in this facility are extremely thorough and careful.			
f5_504	Vous faites confiance aux compétences et capacités du personnel de santé de cette formation sanitaire.		You trust in the skills and abilities of the health workers of this facility.			
f5_505	Vous faites totalement confiance aux décisions du personnel de santé concernant le traitement médical dans cette formation sanitaire.		You completely trust the health worker's decisions about medical treatments in this facility.			
f5_506	Les agents de santé dans cette formation sanitaire sont très accueillants et ouverts		The health workers in this facility are very friendly and approachable.			
f5_507	Le personnel de santé dans cette formation sanitaire est facile à aborder.		The health workers in this facility are easy to make contact with.			
f5_508	Les agents de santé de cette formation sanitaire s'occupent de votre santé autant que vous ou plus que vous.		The health workers in this facility care about your health just as much or more than you do.			
f5_509	Le personnel de santé de cette formation sanitaire agit différemment à l'égard des riches et des pauvres.		The health workers in this facility act differently toward rich people than toward poor people.			

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<i>Variable Name</i>	<i>Wording of question in French</i>	<i>Response in French</i>	<i>Wording of question in English</i>	<i>Response in English</i>	<i>Skip</i>	<i>Remarks</i>
(6)	Questions relatives au ménage (suite)		Household issues (continued)			
f5_600	Combien de [BIENS]votre ménage possède-t-il ? Mentionner uniquement les biens qui fonctionnent. S'IL N'Y EN N'A AUCUN, NOTER ZÉRO ET PASSER À L'ACTIF SUIVANT	Oui=1, Non=2	What[PROPERTIES] does your household have? Mention only the properties that work. IF THERE IS NON, ZERO RATE AND PROCEED TO NEXT ACTIVE	YES=1, NO=2		
f5_601	Radio		Radio		2 ► NEXT	
f5_602	Lecteur CD/DVD/Lecteur de cassette		CD / DVD / Cassette			
f5_603	Téléviseur		TV			
f5_604	Fer à repasser		Iron			
f5_605	Fourneau électrique		electric stove			
f5_606	Bouteille de gaz		Gas cylinder			
f5_607	Lampe à pétrole		Oil Lamp			
f5_608	Lit/matelas		Bed / mattress			
f5_609	Moustiquaires		nets			
f5_610	Réfrigérateur/congélateur		Fridge / freezer			
f5_611	Machine à coudre		Sewing machine			
f5_612	Canapé/divan		Couch / sofa			
f5_613	Téléphone portable		mobile phone			
f5_614	Téléphone fixe		landline			
f5_615	Moto		motorcycle			
f5_616	Bicyclette		bicycle			
f5_617	Camionnette ou voiture		Van or car			
f5_618	Brouette/pousse-pousse		Wheelbarrow / rickshaw			
f5_619	Charrue		plow			
f5_620	Charrette		cart			
f5_621	Houes/herses/haches		Hoes / harrows / axes			
f5_622	Groupe électrogène/		Generator /			
f5_623	Panneau solaire		solar panel			
f5_624	Batterie		battery			
f5_625	Foyer amélioré		improved stove			
f5_626	Ordinateur		computer			
f5_627	Autres, spécifiez		Other specified...			
f5_628	Votre ménage possède combien d'[ANIMAUX] ? S'IL N'Y EN N'A AUCUN, NOTER ZÉRO ET PASSER À L'ANIMAL SUIVANT		Your household has how many [ANIMAL]? IF THERE IS IN NO, ZERO RATE AND PASS TO ANIMALS FOLLOWING			
f5_628_01	Chèvre ?		Goat?			
f5_628_02	Mouton ?		Sheep?			
f5_628_03	Porc ?		Pig?			
f5_628_04	Volaille ?		Poultry?			
f5_628_05	Âne / Cheval ?		Donkey / horse?			
f5_628_06	Boeufs ?		Horse?			
f5_628_07	Autres, spécifiez:		Other specify:			

Variable Name	Wording of question in French	Response in French	Wording of question in English	Response in English	Skip	Remarks
(7)	Agents de santé communautaire		Community Health Worker			
f5_701	Connaissez-vous un agent de santé communautaire (ASC) dans votre communauté ?	OUI=1, NON=2	Do you know of any community health workers(CHW) in your community?	YES=1, NO=2	2 ► 8,01	
f5_702	Avez-vous des agents de santé communautaire de sexe masculin et de sexe féminin dans votre communauté ?	ASC de sexe masculin uniquement=1 ASC de sexe féminin uniquement=2 Sexe masculin et féminin=3	Do you have both male and female Community Health Worker in your community?	Male CHW only=1, Female CHW only=2, Both Male and Female=3.		
f5_703	Au cours du dernier mois, avez-vous reçu un service de la part d'un ASC au sein de la formation sanitaire ?	OUI=1, NON=2	In the last month, has any community health worker provided services to you while you were in the health center?	YES=1, NO=2		
f5_704	Au cours du dernier mois, avez-vous reçu un service de la part d'un ASC à votre domicile ?	OUI=1, NON=2	In the last month, has any community health worker provided services to you while you were in your own home?	YES=1, NO=2		
f5_705	Au cours du dernier mois, avez-vous reçu un service d'un ASC dans un autre endroit dans la communauté (sensibilisation, case de santé, domicile de l'ASC) ?	OUI=1, NON=2	In the last month, has any community health worker provided services to you while you were elsewhere in your community?	YES=1, NO=2		
f5_706	VÉRIFIER LES 3 QUESTIONS PRÉCÉDENTES POUR VOIR SI L'ENQUÊTÉ A UTILISÉ LES SERVICES D'UN ASC LE MOIS DERNIER	OUI=1, NON=2	CHECK THE PREVIOUS 3 QUESTIONS TO SEE WHETHER RESPONDENT HAS USED SERVICES IN THE LAST MONTH	YES=1, NO=2	2 ► 7.09	
f5_707	Quels services l'ASC vous a-t-il offert ?	NE LISEZ PAS LES OPTIONS À HAUTE VOIX. POUR CHAQUE OPTION, NOTER « 1 » SI MENTIONNÉ, ET « 2 » SI RIEN N'EST INDIQUÉ.	What services did the CHW provide you?	DO NOT READ OPTIONS. FOR EACH OPTION, RECORD "1" IF MENTIONED, "2" IF NOT MENTIONED.		
f5_707_a	A. Fournir les comprimés de fer / d'acide folique		a. PROVIDE IRON / FOLIC ACID TABLETS			
f5_707_b	B. Fournir le vaccin contre l'anatoxine tétanique (VAT)		b. PROVIDE TETANUS TOXOID IMMUNIZATION			
f5_707_c	C. Fournir les médicaments		c. PROVIDE PREVENTIVE ANTIPARASITARY DRUGS			
f5_707_d	D. Informations sur les signes alarmants pendant la grossesse		d. INFORMATION ON DANGER SIGNS DURING PREGNANCY			
f5_707_e	E. Conseil sur l'allaitement maternel		e. ADVICE ON EXCLUSIVE BREASTFEEDING			
f5_707_f	F. Éducation à la santé et promotion de la santé		f. HEALTH EDUCATION OR PROMOTION			
f5_707_g	G. Référence au centre de santé		g. REFERRAL TO HEALTH FACILITY			
f5_707_h	H. Autre		h. OTHER (SPECIFY):			
f5_708	Précisez		SPECIFY			
f5_709	Maintenant je vais vous lire deux déclarations en rapport avec le travail effectué par les agents de santé communautaire. Veuillez dire si vous êtes d'accord ou pas avec chaque déclaration.	ACCORD=1, NI EN ACCORD NI EN DÉSACCORD =2, EN DÉSACCORD=3	Now I'm going to read you two statements in relation to work done by the Community Health workers. Please indicate if you agree, neither agree nor disagree, or disagree with each statement.	CODE: AGREE=1, NEITHER AGREE NOR DISAGREE=2, DISAGREE=3		
f5_709_a	a. Les Agents de santé communautaire rendent des services précieux dans ma communauté		a. Community Health Workers provide a valuable service in my community.			
f5_709_b	b. Les Agents de santé communautaire offrent des services de bonne qualité dans ma communauté		b. Community Health Worker(s) provide good quality service in my community			

Variable Name	Wording of question in French	Response of question in French		Wording of question in English	Response in English			Skip	Remarks
(8)	Accoucheuses Villageoises (AV)			Traditional Birth Attendant					
f5_801	Connaissez-vous une Accoucheuse Villageoise (AV) dans votre communauté ?	Oui=1, Non=2		Do you know of any traditional birth attendant (TBA) in your community?	Yes=1, No=2.				
								2 ► END	
f5_802	Avez-vous eu recours à une Accoucheuse Villageoise le mois dernier, soit dans votre propre domicile soit dans la communauté soit dans une formation sanitaire ?	Oui, au domicile=1, Oui, dans la formation sanitaire=2, Oui, dans la communauté=3, Oui, à la fois au domicile et dans la formation sanitaire=4, Oui, à la fois au domicile et dans la communauté=5, Oui, à la fois dans la formation sanitaire et dans la communauté=6, Oui, à la fois au domicile, dans la formation sanitaire et dans la communauté=7, Non=8.		Have you used Traditional Birth Attendant services in the last month, either in your own home, in the community or in the health facility?	Yes, home = 1, Yes, the facility = 2 Yes, in the community = 3 Yes, both at home and in the clinic = 4, Yes, both at home and in the community = 5, Yes, both in the clinic and in the community = 6, Yes, both at home, in the clinic and in the community = 7, No = 8.				
								8 ► 8,05	
f5_803	Quels services l'Accoucheuse Villageoise vous a-t-elle rendu ?	POUR CHAQUE OPTION, NOTER « 1 » SI MENTIONNÉ, ET « 2 » SI RIEN N'EST INDIQUÉ.		What services did the TBA provide you?	FOR EACH OPTION "1" NOTE IF MENTIONED AND "2" IF NOTHING IS INDICATED.				
	NE LISEZ PAS LES OPTIONS À HAUTE VOIX.			DO NOT READ ALOUD OPTIONS.					
f5_803_a	A. Diagnostiquer votre grossesse			A. Diagnose pregnancy					
f5_803_b	B. Vous amener à une visite prénatale			B. You get a prenatal visit					
f5_803_c	C. Informations sur les signes alarmants pendant la grossesse			C. Information about warning signs during pregnancy					
f5_803_d	D. Accompagner au centre de santé pour accouchement			D. Support to the health center for delivery					
f5_803_e	E. Éducation à la santé et promotion de la santé			E. Health education and health promotion					
f5_803_f	F. Donner des médicaments traditionnels			F. Give traditional medicines					
f5_803_g	G. Fait les massages			G. Made massage					
f5_803_h	H. Autre			H. other					
f5_804	Précisez			SPECIFY					
	Je vais vous lire deux déclarations en rapport avec le travail effectué par l'Accoucheuse Villageoise. Veuillez dire si vous êtes d'accord ou pas avec chaque déclaration.			I'm going to read you two statements in relation to work done by the Traditional Birth Attendant (TBA). Please indicate if you agree, neither agree nor disagree, or disagree with each statement.					
		D'accord = 1, Ni d'accord ni en désaccord = 2, en désaccord = 3			Agree=1, Neither agree nor disagree=2, Disagree=3				
f5_805	Les Accoucheuses Villageoises rendent des services précieux dans ma communauté.			Traditional Birth Attendants provide a valuable service in my community.					
f5_806	Les Accoucheuses Villageoises offrent des services de bonne qualité dans ma communauté.			Traditional Birth Attendants provide good quality service in my community					
	MERCI DE VOTRE DISPONIBILITÉ			THANK YOU FOR YOUR TIME					

Questionnaire F6

Variable name	Question en francais	Options de réponse en francais	Wording of the question in English	Response options in English
F6_se	SECTION D'ENUMERATION		ENUMERATION SECTION	
F6_id1	NUMÉRO DU QUESTIONNAIRE (Réservé à la Saisie)		NUMBER OF QUESTIONNAIR (Reserved Entering)	
F6_reg	Région:		Region	
F6_ze	Zone d'étude		Study Area	
F6_dist	District de Santé		District of healh facility	
F6_commune	Commune		Community	
F6_vil	Village / quartier		Village / Neighborhood	
F6_niv	Niveau de la Formation sanitaire:	HÔPITAL RÉGIONAL=1, HOPITAL DE DISTRICT/CMA=2, CENTRE MEDICAL=3, CSPS=4, DISPENSAIRE OU MATERNITE ISOLE=5, FORMATION SANITAIRE PRIVEE A BUT LUCRATIF=6, FORMATION SANITAIRE PRIVEE CONFESIONNELLE=7.	Level of Health Facility	REGIONAL HOSPITAL=1, DISTRICT Hospital=2, MEDICAL CENTER=3, CSPS=4, DISPENSARY MATERNITY UNIT=5,PRIVATE FOR PROFIT HEALTH FACILITY=6, PRIVATE RELIGIOUS HEALTH FACILITY=7. □
F6_fosa	NOM DE LA FORMATION SANTAIRE		NAME OF HEALTH FACILITY	
F6_codfosa	CODE DE LA FORMATION SANITAIRE		CODE OF HEALTH FACILITY	
F6_latitude	LATITUDE (NORD)		LATITUDE (NORTH)	
F6_longitude	LONGITUDE (EST)		LONGITUDE (EAST)	
F6_empl	EMPLACEMENT	URBAN=1, RURAL=2.	LOCATION	URBAN=1, RURAL=2.
F6_codenq	CODE ENQUETEUR		INTERVIEWER CODE	
F6_Ddatevis	Date visite		Visit Date	
F6_result	Questionnaire (cette partie doit être remplie à l'issu de l'interview)	ENTIEREMENT REMPLI=1, PARTIELLEMENTREMPLE=2, LE RESPONSABLE A REFUSÉ L'ENTREVUE=3, LE RESPONSABLE EST ABSENT (LE PERSONNEL PRESENT N'EST PAS AUTORISÉ)=4, LA FORMATION SANITAIRE EST VIDE (AUCUN MEMBRE DU PERSONNEL N'EST PRESENT)=5, AUTRE, PRÉCISER=7.	Questinnaire (this section must be completed at the end of the interview)	FULLY COMPLETED = 1, PARTIALY COMPLETED = 2, THE MANAGER REFUSED THE INTERVIEW = 3, THE MANAGER RESPONSIBLE IS ABSENT (STAFF AVAILABLE IS NOT AUTHORIZED TO RESPOND) = 4, THE HEALTH FACILITY IS EMPTY (NO STAFF IS PRESENT) = 5, OTHER, SPECIFY = 7 .
F6_const	CONSENTEMENT ECLAIRE, A RECUEILLIR AVANT LE DEBUT DE L'OBSERVATION	OUI=1, NON=2.	CONSENT, TO COLLECTED BEFORE THE BEGINNING OF OBSERVATION	YES=1, NO=2.

Questionnaire F6

Variable	Question en français	Options de réponse en français	Wording of the question in English	Response options in English
F6_codesup	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Code)		CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Code)	
F6_datesup	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Date)	JOUR/MOIS/ANNÉE	CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Date)	DAY/MONTH/YEAR
F6_codops_1	1. OPERATEUR DE SAISIE DE DONNEES (Code)		DATA ENTRY 1. OPERATOR (Code)	
F6_codops_2	2. OPERATEUR DE SAISIE DE DONNEES (Code)		DATA ENTRY 2. OPERATOR (Code)	
F6_datesaisie	OPERATEUR DE SAISIE DE DONNEES (Date)	JOUR/MOIS/ANNÉE	DATA ENTRY OPERATOR (Date)	DAY/MONTH/YEAR

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
	Identification		Identification			
f6_101	SAISIR LE NUMÉRO DE SUIVI DU PATIENT		ENTER PATIENTS TRACKING NUMBER			
f6_102	SAISIR LE NUMÉRO DE SUIVI DU PERSONNEL DE SANTE		ENTER HEALTH WORKER TRACKING NUMBER.			A PARTIR DE LA LISTE DU PERSONNEL A LA FICHE 1/FROM THE STAFF ROSTER IN FORM F1
f6_103	Nom/Prénom du Patient		Name of the Patient			
f6_104	Sexe du patient	Masculin =1, Feminin= 2	Sex of the health patient	Male=1, Female = 2		
f6_105	Quel est l'âge du patient		age of patient			
f6_106	Est ce la première fois que le patient est conduit dans cette formation sanitaire?	Oui=1, Non= 2	Is it the first time the child is brought to this facility?			
f6_107	Quel est le statut de l'agent qui vous a reçu ?	Médecin=1, Infirmier (ère) diplômé d'Etat = 2, Attaché de santé=3, Infirmier brevetée = 4, Accoucheuse brevetée = 5, Sage Femme d'Etat/Maieuticien d'Etat = 6, Accoucheuse auxiliaire = 7, Fille de salle/Garçon de salle = 8, Agent		Medical doctor = 1,, Autre = 10		
f6_107_sp ec						
f6_108	De quel type de formation sanitaire s'agit-il?	Centre Hospitalier Régional (CHR) =1, Hôpital de District (CMA) = 2, CSPS = 3, Dispensaire isolé = 4, Autre, spécifiez = 5	What is the type of the facility?	Regional hospital = 1....., other = 5		
f6_109	Quel est votre lien de parenté avec le patient?	Mère = 1, Père = 2, Autre parent de sexe masculin = 3, Autre parent de sexe féminin = 4, Autre =	How are you related to the child	Mother = 1, Father = 2, other male family caregiver = 3, other female family caregiver = 4, other = 5		
f6_110_sp ec						
f6_111	Quel est le sexe du répondant?	Masculin = 1, Feminin = 2	What is the child's sex?	Male = 1, Female = 2		
f6_112	Quel est votre âge (répondant)?	.....	What is the age of the child?	.....		NOTER ANNÉES RÉVOLUES
f6_113	Pouvez-vous lire et écrire (répondant)?	Oui = 1, Non = 2	Can you read and write?	Yes = 1, No = 2		
f6_114	Quel est votre niveau scolaire (répondant)?	Aucun = 1, Primaire = 2, Secondaire 1er cycle = 3, Secondaire 2ème cycle = 4, Supérieur = 5	What is your highest level of education ?	None = 1, Primary = 2, Secondary 1th level = 3, Secondary 2nd level = 4, High school = 5	If 1 ► F6.1.14	
f6_115	Quelle est la classe la plus élevée que vous avez achevé dans ce niveau (répondant)?	CP1 = 1.....4ème année et supérieur et plus = 17	What is the highest class that you completed at that level?	1 classe primary = 1..... 4 th year of high school or more = 17		
f6_116	Est ce la première fois que le patient est conduit dans cette formation sanitaire?	Célibataire = 1, Marié (e) /union libre = 2, Veuf/ve = 3, Divorcé (e)/séparé (e) = 4	What is your marital status?	single = 1, Married/living together = 2, Widowed =3, Divorced/separated = 4		SI AGE DU REpondant EST SUPERIEUR A 15 ANS

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
	Traitement et conseil		Treatment and counseling			
					INTRODUIRE CETTE SECTION PAR	
	Quel est l'objectif de la visite de l'enfant à la formation sanitaire aujourd'hui ?		What is the purpose of the child's visit to the health center today?			NOTER « 1 = oui » SI L'OBJECTIF S'APPLIQUE ET « 2 = non » DANS LE CAS CONTRAIRE /RECORD "1" IF PURPOSE APPLIES AND "2" OTHERWISE
f6_201_a	a. Vaccination	Oui = 1, Non = 2		a. Vaccination	If 1 ► F6.2.05	
f6_201_b	b. Suivi de la croissance	Oui = 1, Non = 2		b. Child growth monitoring	If 2 ► F6.2.05	
f6_201_c	c. Maladie infantile	Oui = 1, Non = 2		c. Child illness	If 3 ► F6.2.05	
f6_201_d	d. Autre	Oui = 1, Non = 2		d. Other		
f6_201_spec	specifiez			specify		
f6_202	Depuis quand (en jours) cette maladie a-t-elle commencé ?	NOMBRE DE JOURS	How long ago did this illness start?			
	Pour quelles raisons avez-vous conduit l'enfant à la formation sanitaire aujourd'hui ?		In days, months or years (Enter 00 when the unit is not used)			
f6_203_a	a. Diarrhée	Mentionné = 1, Non Mentionné = 2				
f6_203_b	b. Fièvre	Mentionné = 1, Non Mentionné = 2				
f6_203_c	c. Toux/difficulté respiratoire	Mentionné = 1, Non Mentionné = 2				
f6_203_d	d. Dermatose (maladie de la peau)	Mentionné = 1, Non Mentionné = 2				
f6_203_e	e. Difficulté à déglutir, douleur à la déglutition (Amygdalite/angine)	Mentionné = 1, Non Mentionné = 2				
f6_203_f	f. Douleur à l'oreille (otite moyenne)	Mentionné = 1, Non Mentionné = 2				
f6_203_g	g. Blessure	Mentionné = 1, Non Mentionné = 2				
f6_203_h	h. Convulsion	Mentionné = 1, Non Mentionné = 2				
f6_203_i	i. Perte de conscience	Mentionné = 1, Non Mentionné = 2				
f6_203_j	j. Asthénie physique (fatigue)	Mentionné = 1, Non Mentionné = 2				
f6_203_k	k. Vomissement	Mentionné = 1, Non Mentionné = 2				
f6_203_l	l. Autre	Mentionné = 1, Non Mentionné = 2				
f6_204_spec						
f6_205	Etes-vous venu dans cette formation sanitaire sur votre propre initiative, ou sur la base d'une référence faite par une autre formation sanitaire, ou selon la référence faite par un agent de santé communautaire ?	Venu directement et personnellement = 1, Sur la base de référence faite par une autre formation sanitaire = 2, Recommande par un agent de santé communautaire = 3	Did you come to this facility on your own, or based on a referral from another facility, or based on a referral from a community health worker?			
f6_206	Quelqu'un de la formation sanitaire a-t-il demandé l'âge de l'enfant ?	Oui = 1, Non = 2		Yes = 1, No = 2		
f6_207	Un agent de la formation sanitaire a-t-il pesé votre enfant ?	Oui = 1, Non = 2	Did someone in the health facility ask the age of the child?	Yes = 1, No = 2		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_208	Quelqu'un de la formation sanitaire a-t-il mesuré la taille de l'enfant ?	Oui = 1, Non = 2		Yes = 1, No = 2		
f6_209	Quelqu'un de la formation sanitaire a-t-il pris la température de l'enfant	Oui = 1, Non = 2	Did someone in the health facility weigh the child?	Yes = 1, No = 2		
f6_210	L'agent de santé a-t-il examiné physiquement l'enfant (en le déshabillant)?	Oui = 1, Non = 2	Did someone in the health facility measure the height of the child?	Yes = 1, No = 2		
f6_211	À cette visite, l'agent de santé vous a-t-il également dit si l'enfant avait un problème de santé ou pas?	Oui = 1, Non = 2	Did someone in the health facility plot weight or height against a growth chart?	Yes = 1, No = 2	If 1 ► F6.2.05	
	L'enfant avait quel problème de santé selon l'agent de santé ?					DO NOT READ OPTIONS; RECORD "1" IF MENTIONED OR "2" IF NOT MENTIONED FOR EACH
f6_212_a	a.Paludisme	Mentionné = 1, Non Mentionné = 2	a. Malaria	Mentioned = 1, Not mentioned		
f6_212_b	b.Fièvre	Mentionné = 1, Non Mentionné = 2	b. Fever	Mentioned = 1, Not mentioned		
f6_212_c	c.Rougeole	Mentionné = 1, Non Mentionné = 2	c. Measles	Mentioned = 1, Not mentioned		
f6_212_d	d.Déshydratation	Mentionné = 1, Non Mentionné = 2	d. Deshydration	Mentioned = 1, Not mentioned		
f6_212_e	e.Infection virale/Grippe	Mentionné = 1, Non Mentionné = 2	e.Viral infections/Flu	Mentioned = 1, Not mentioned		
f6_212_f	f.Diarrhée	Mentionné = 1, Non Mentionné = 2	f. Diarrhea	Mentioned = 1, Not mentioned		
f6_212_g	g.Dysenterie/Diarrhée sanguinolente	Mentionné = 1, Non Mentionné = 2	g. Dysentery/Bloody diarrhea	Mentioned = 1, Not mentioned		
f6_212_h	h.Rhume/Infection des voies respiratoires supérieures	Mentionné = 1, Non Mentionné = 2	h. Cold/Upper respiratory infection	Mentioned = 1, Not mentioned		
f6_212_i	i.Pneumonie	Mentionné = 1, Non Mentionné = 2	i. Pneumonia	Mentioned = 1, Not mentioned		
f6_212_j	j.Malnutrition	Mentionné = 1, Non Mentionné = 2	j. Malnutrition	Mentioned = 1, Not mentioned		
f6_212_k	k.Infections parasitaires	Mentionné = 1, Non Mentionné = 2	k. Parasitic infection	Mentioned = 1, Not mentioned		
f6_212_l	l.Poussée dentaire	Mentionné = 1, Non Mentionné = 2	l. Milking of the the teeth	Mentioned = 1, Not mentioned		
f6_212_m	m.Infection cutanée	Mentionné = 1, Non Mentionné = 2	m. Skin infection	Mentioned = 1, Not mentioned		
f6_212_n	n.Otite (infection de l'oreille)	Mentionné = 1, Non Mentionné = 2	n. Otitis (ear infection)	Mentioned = 1, Not mentioned		
f6_212_o	o.Pas de problème de santé	Mentionné = 1, Non Mentionné = 2	o. Any health problem	Mentioned = 1, Not mentioned	If F_212_o = 1 ► F6.2.23	
f6_212_p	p. Autre	Mentionné = 1, Non Mentionné = 2	p. Other	Mentioned = 1, Not mentioned		
f6_212_sp ec						
f6_213	L'agent de santé vous a-t-il dit ce qu'il faut faire à la maison pour traiter les maladies infantiles ?	Oui = 1, Non = 2	Did the health worker tell you what to do at home to treat child's illness?	Yes = 1, No = 2		

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
	Qu'est-ce que l'agent de santé vous a dit de faire ?					NE LISEZ PAS CES OPTIONS À HAUTE VOIX, NOTER « 1 » SI MENTIONNÉ OU « 2 » SI RIEN N'EST INDIQUÉ POUR CHAQUE OPTION.
f6_214_a	a. Donner plus de boisson	Mentionné = 1, Non Mentionné = 2	a. Give more fluids	Mentioned = 1, Not mentioned		
f6_214_b	b. Continuer ou augmenter l'alimentation et/ou l'allaitement	Mentionné = 1, Non Mentionné = 2	b. Feeding and/or breast feeding	Mentioned = 1, Not mentioned		
f6_214_c	c. Bains/Enveloppements froids pour les cas de fièvre	Mentionné = 1, Non Mentionné = 2	c. Tepid baths for fever	Mentioned = 1, Not mentioned		
f6_214_d	d. Ne pas le laisser prendre froid	Mentionné = 1, Non Mentionné = 2	d. Keep the child warm	Mentioned = 1, Not mentioned		
f6_214_e	e. Éviter de prendre des médicaments autres que ceux prescrits aujourd'hui	Mentionné = 1, Non Mentionné = 2	e. Avoid taking drugs than those prescribed today	Mentioned = 1, Not mentioned		
f6_214_f	f. Autre	Mentionné = 1, Non Mentionné = 2	f. Other	Mentioned = 1, Not mentioned		
f6_214_spec	specifiez			specify		
f6_215	L'agent de santé vous a-t-il demandé de ramener l'enfant si sa situation empire ?	Oui = 1, Non = 2	Did the health worker request you to return the child if the situation is worsens?	Yes = 1, No = 2		
f6_216	À partir des conseils que vous a donné l'agent de santé, comment saurez-vous si la situation de l'enfant empire et si vous devez le ramener à la formation sanitaire ?					NE LISEZ PAS CES OPTIONS À HAUTE VOIX, NOTER « 1 » SI MENTIONNÉ OU « 2 » SI RIEN N'EST INDIQUÉ POUR CHAQUE OPTION./ DO NOT READ OPTIONS ALOUD; RECORD "1" IF MENTIONED OR "2" IF NOT MENTIONED FOR EACH
f6_216_a	a. La fièvre persiste	Mentionné = 1, Non Mentionné = 2	a. Fever does not go away after certain time	Mentioned = 1, Not mentioned		
f6_216_b	b. La fièvre s'aggrave	Mentionné = 1, Non Mentionné = 2	b. Fever worsens	Mentioned = 1, Not mentioned		
f6_216_c	c. L'enfant est incapable de boire ou ne boit pas normalement	Mentionné = 1, Non Mentionné = 2	c. Child is unable to drink or is drinking poorly	Mentioned = 1, Not mentioned		
f6_216_d	d. Changement d'état de conscience	Mentionné = 1, Non Mentionné = 2	d. Change in consciousness	Mentioned = 1, Not mentioned		
f6_216_e	e. La diarrhée persiste	Mentionné = 1, Non Mentionné = 2	e. Diarrhea persists	Mentioned = 1, Not mentioned		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_216_f	f. Le sang apparaît dans les selles	Mentionné = 1, Non Mentionné = 2	f. Blood appears in the stool	Mentioned = 1, Not mentioned		
f6_216_g	g. L'enfant développe une respiration rapide ou difficile	Mentionné = 1, Non Mentionné = 2	g. Child develops rapid or difficult breathing	Mentioned = 1, Not mentioned		
f6_216_h	h. L'enfant devient plus malade pour n'importe quelle raison	Mentionné = 1, Non Mentionné = 2	h. Child becomes sicker for any reason	Mentioned = 1, Not mentioned		
f6_216_i	i. De nouveaux symptômes apparaissent	Mentionné = 1, Non Mentionné = 2	i. New symptoms develop	Mentioned = 1, Not mentioned		
f6_216_j	j. Autre	Mentionné = 1, Non Mentionné = 2	j. Other	Mentioned = 1, Not mentioned		
f6_216_spec	Spécifiez		specify			
f6_217	L'enfant a-t-il reçu un traitement ou une prescription aujourd'hui dans la formation sanitaire?	A reçu des médicaments (hors vaccin) à la formation sanitaire = 1,, N'a reçu ni médicaments ni prescription à la formation sanitaire = 5		Did the child receive any medicine or prescriptions today from the health = 1,, Received neither medicine nor prescription at the health facility = 5		
f6_218	Au total, combien de médicaments étaient administrés ou prescrits à l'enfant ?		In total, how many medications were given or prescribed to the child?			Ecrivez le nombre
f6_219	Quels médicaments vous a-t-on prescrit?	1, 2,....6	Which medicines were prescribed?	1, 2,...6		Enquêteur: Vérifiez les médicaments sur l'ordonnance pour confirmation/ENUMERATORS TO CHECK ON THE MEDICINES GIVEN FOR CONFIRMATION
f6_220	Quel médicament vous a-t-on donné?	1, 2,....6	Which medicines were given free?	1, 2,...6		Enquêteur: Vérifiez les médicaments sur l'ordonnance pour confirmation/ENUMERATORS TO CHECK ON THE MEDICINES GIVEN FOR CONFIRMATION

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_221	Quel médicament avez-vous acheté ?	1, 2, ..., 6	Which medicines did you buy?	1, 2, ..., 6		Enquêteur: Vérifiez les médicaments sur l'ordonnance pour confirmation/ENUMERATORS TO CHECK ON THE MEDICINES GIVEN FOR CONFIRMATION
f6_222	Combien de temps vous faut-il pour aller de cette formation sanitaire à la pharmacie/l'endroit où vous achetez les médicaments prescrits en utilisant le moyen de transport habituel?	Minutes	How long does it take you to travel from this health facility to the location (pharmacy) where you get the prescribed medicine using your usual mode of transportation? (One way. IF IN FACILITY, RECORD 0)			(aller simple) (SI C'EST AU SEIN DE LA FORMATION SANITAIRE ENREGISTRER 000)
f6_223	Quel est le moyen habituel utilisé pour le transport?	À pieds = 1, Vélo = 2, ..., Autre = 97	What was your principal mode of transportation to evaluate this duration?	By foot = 1, Bicycle = 2, ..., other = 97		
F6.2.24	L'agent de santé vous a-t-il bien expliqué la posologie ?	Oui = 1, Non = 2	Did the health worker thoroughly explain how to take the medicines?	Yes = 1, No = 2		
f6_226	L'agent de santé vous a-t-il parlé des éventuels effets secondaires du médicament prescrit/administré ?	Oui = 1, Non = 2	Did the health worker(s) tell you about possible adverse reactions (side effects) that the given/prescribed medicine might have?	Yes = 1, No = 2		
f6_226	L'agent de santé vous a-t-il donné une date précise à laquelle vous devez ramener l'enfant à la formation sanitaire pour une visite de suivi ?	Oui = 1, Non = 2	Did the health worker give you a specific date to bring the child back to the health facility for a follow-up visit?	Yes = 1, No = 2		
f6_227	La carte de vaccination de l'enfant est-elle disponible ?	Oui = 1, Non = 2	Is the child immunization card available?	Yes = 1, No = 2		
f6_228	NOTEZ LES VACCINS DE L'ENFANT TELS QUE MENTIONNES SUR LE CARNET DE VACCINATION		CHECK CHILD'S IMMUNIZATION STATUS.		2	
f6_228_a	a. BCG	Recu = 1, Non reçu = 2	a. BCG	Received = 1, Not received = 2		
f6_228_b	b. VPO 0	Recu = 1, Non reçu = 2	b. OPV 0	Received = 1, Not received = 2		
f6_228_c	c. VPO 1	Recu = 1, Non reçu = 2	c. OPV 1	Received = 1, Not received = 2		
f6_228_d	d. VPO 2	Recu = 1, Non reçu = 2	d. OPV 2	Received = 1, Not received = 2		
f6_228_e	e. VPO 3	Recu = 1, Non reçu = 2	e. OPV 3	Received = 1, Not received = 2		
f6_228_f	f. Penta 1	Recu = 1, Non reçu = 2	f. Penta 1	Received = 1, Not received = 2		
f6_228_g	g. Penta 2	Recu = 1, Non reçu = 2	g. Penta 2	Received = 1, Not received = 2		
f6_228_h	h. Penta 3	Recu = 1, Non reçu = 2	h. Penta 3	Received = 1, Not received = 2		
f6_228_i	i. Fièvre jaune	Recu = 1, Non reçu = 2	i. Yellow fever	Received = 1, Not received = 2		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_228_j	j. Rougeole	Recu = 1, Non reçu = 2	j. Measles	Received = 1, Not received = 2		
f6_228_k	k. Vitamine A	Recu = 1, Non reçu = 2	k. Vitamine A	Received = 1, Not received = 2		
f6_228	NOTEZ LE JOUR DE RECEPTION DES VACCINS DE L'ENFANT TELS QUE MENTIONNES SUR LE CARNET DE VACCINATION		DAY OF CHILD'S VACCINATION		2	
f6_228_a_j	a. BCG	JJ	a. BCG	DD		
f6_228_b_j	b. VPO 0	JJ	b. OPV 0	DD		
f6_228_c_j	c. VPO 1	JJ	c. OPV 1	DD		
f6_228_d_j	d. VPO 2	JJ	d. OPV 2	DD		
f6_228_e_j	e. VPO 3	JJ	e. OPV 3	DD		
f6_228_f_j	f. Penta 1	JJ	f. Penta 1	DD		
f6_228_g_j	g. Penta 2	JJ	g. Penta 2	DD		
f6_228_h_j	h. Penta 3	JJ	h. Penta 3	DD		
f6_228_i_j	i. Fièvre jaune	JJ	i. Yellow fever	DD		
f6_228_j_j	j. Rougeole	JJ	j. Measles	DD		
f6_228_k_j	k. Vitamine A	JJ	k. Vitamine A	DD		
f6_228	NOTEZ LE MOIS DE RECEPTION des VACCINS DE L'ENFANT TELS QUE MENTIONNES SUR LE CARNET DE VACCINATION		MONTH OF CHILD'S VACCINATION.			
f6_228_a_m	a. BCG	MM	a. BCG	MM		
f6_228_b_m	b. VPO 0	MM	b. OPV 0	MM		
f6_228_c_m	c. VPO 1	MM	c. OPV 1	MM		
f6_228_d_m	d. VPO 2	MM	d. OPV 2	MM		
f6_228_e_m	e. VPO 3	MM	e. OPV 3	MM		
f6_228_f_m	f. Penta 1	MM	f. Penta 1	MM		
f6_228_g_m	g. Penta 2	MM	g. Penta 2	MM		
f6_228_h_m	h. Penta 3	MM	h. Penta 3	MM		
f6_228_i_m	i. Fièvre jaune	MM	i. Yellow fever	MM		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_228_j_m	j. Rougeole	MM	j. Measles	MM		
f6_228_k_m	k. Vitamine A	MM	k. Vitamine A	MM		
f6_228	NOTEZ L'ANNEE DE RECEPTION des VACCINS DE L'ENFANT TELS QUE MENTIONNES SUR LE CARNET DE VACCINATION		MONTH OF CHILD'S VACCINATION.			
f6_228_a_a	a. BCG	AAAA	a. BCG	YYYY		
f6_228_b_a	b. VPO 0	AAAA	b. OPV 0	YYYY		
f6_228_c_a	c. VPO 1	AAAA	c. OPV 1	YYYY		
f6_228_d_a	d. VPO 2	AAAA	d. OPV 2	YYYY		
f6_228_e_a	e. VPO 3	AAAA	e. OPV 3	YYYY		
f6_228_f_a	f. Penta 1	AAAA	f. Penta 1	YYYY		
f6_228_g_a	g. Penta 2	AAAA	g. Penta 2	YYYY		
f6_228_h_a	h. Penta 3	AAAA	h. Penta 3	YYYY		
f6_228_i_a	i. Fièvre jaune	AAAA	i. Yellow fever	YYYY		
f6_228_j_a	j. Rougeole	AAAA	j. Measles	YYYY		
f6_228_k_a	k. Vitamine A	AAAA	k. Vitamine A	YYYY		
f6_229	Votre enfant a-t-il reçu un vaccin aujourd'hui ?	Oui = 1, Non = 2	Did your child receive an immunization today?	Yes = 1, No = 2		
f6_230	L'agent de santé vous a-t-il demandé de ramener l'enfant pour recevoir un vaccin un autre jour ?	Oui = 1, Non = 2	Did the health worker ask you to bring back the child to receive immunization another day?	Yes = 1, No = 2	if f6_230 = 2 ► 3.01	
f6_231	Quand est-ce que l'agent de santé vous a demandé de ramener l'enfant ?		When did the health worker ask you to bring the child back?			
f6_231_jj	a. Jour (JJ)		a. Day (DD)			
f6_231_m	b. Mois (MM)		b. Month (MM)			
f6_231_aa	c. Année (AAAA)		c. Year (YYYY)			

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
	Déplacement du patient et dépenses		Patient travel and expenditure			
f6_301	Quelle est la distance entre votre domicile et cette formation sanitaire en kilomètres?	KILOMÈTRES	How far is your household from this health facility in kilometers?	Kilometers		
f6_302	Combien de temps avez-vous mis pour venir de chez vous à cette formation sanitaire aujourd'hui? (aller simple)	.....Minutes	How long did it take you/the patient to reach this health facility from home today? (One way)	..... Minutes		
f6_303	Quel était votre principal moyen de transport aujourd'hui? (aller simple)	À pieds = 1, .....Autre = 8	What was your primary mode of transportation today? (One way)	By foot = 1, .....other = 8	If f6_303 = 1 or 2 ► F6.3.05	
f6_304	Combien avez-vous payé en FCFA pour arriver ici aujourd'hui? (aller simple)	FCFA	How much did it cost (in FCFA for you/the patient to travel to the health facility today? (One way)	(FCFA)		
f6_305	Combien de temps avez-vous attendu avant d'être consulté dans cette formation sanitaire aujourd'hui?	Minutes	How long did you/the patient wait in the health facility before being seen in consultation by the health worker?	a. Minutes		
f6_306	Était-ce trop long comme attente?	Oui = 1, Non = 2	Do you think this was too long?	Yes = 1, No = 2		
f6_307	Combien de temps avez-vous passé avec le médecin ou l'infirmière en consultation?	Minutes	How long did you/the patient spend with the doctor or nurse during the consultation?	a. Minutes		
f6_308	Était-ce suffisant ou trop court ?	Suffisant = 1, Trop court = 2, Ne sait pas = 8	Do you think this was too long?	Enough = 1, too short = 2, Dont know = 8		
f6_309	Avez-vous payé des frais de consultation?	Oui = 1, Non = 2	Was a registration/ consultation/ doctor fee charged?	Yes = 1, No = 2	If f6_309 = 2 ► 3.11	
f6_310	Combien avez-vous payé pour cela en CFA?	FCFA	How much was paid (in local FCFA) for this?	(FCFA)		
f6_311	A part les frais de consultation, l'agent de santé vous a-t-il demandé de l'argent en plus?	Oui = 1, Non = 2	Apart from consultation fee, did the health worker ask you additional money today?	Yes = 1, No = 2	If 2 ► F6.3.13	
f6_312	Combien avez-vous donné pour cela en CFA?	FCFA	How much was paid (in local FCFA) for this?	FCFA		
f6_313	L'enfant a-t-il eu des examens de laboratoire?	Oui = 1, Non = 2	Was a laboratory test done today?	Yes = 1, No = 2		
f6_314	Combien avez-vous payé pour cela en CFA?	FCFA	How much was paid (in local FCFA) for this?	(FCFA)		
f6_315	L'enfant a-t-il fait un examen de radiologie?	Oui = 1, Non = 2	Was an xray done today?	Yes = 1, No = 2	If 2 ► F6.3.17	
f6_316	Combien avez-vous payé pour cela?	FCFA	How much was paid (in local FCFA) for this?	(FCFA)		
f6_317	Avez-vous reçu des médicaments à la pharmacie de la formation sanitaire?	Oui = 1, Non = 2	Were medicines dispensed to you at the pharmacy in the health center?	Yes = 1, No = 2	If 2 ► F6.3.19	
f6_318	Combien avez-vous payé pour cela en CFA?	FCFA	How much was paid (in local FCFA) for this?	(FCFA)		

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_319	Combien avez-vous dépensé au total à la formation sanitaire (FCFA) pour cette visite, sans inclure les frais de transport?	FCFA	How much was spent in total (local FCFA) at the facility for this visit, not including transportation costs?	(FCFA)		ENQUÊTEUR : VÉRIFIER QUE LE TOTAL CORRESPOND EFFECTIVEMENT AUX DIVERS MONTANTS MENTIONNES) SI LE PATIENT N'A RIEN DÉPENSÉ, ALLEZ A 3.22 (INTERVIEWER: CHECK TO SEE IF THE TOTAL MATCHES THE AMOUNTS GIVEN) IF NOTHING WAS PAID SKIP TO 3.22
f6_320	Quelle est la source de l'argent que vous avez utilisé pour payer les soins aujourd'hui?		Where did the money come from that was used to pay for health care today?			NE LISEZ PAS LES OPTIONS À HAUTE VOIX. POUR CHAQUE OPTION, ENREGISTRER "1" SI MENTIONNÉ, ET «2» SI LE PATIENT NE L'A PAS MENTIONNÉ
f6_320_a	a. Épargne ou budget normal du ménage		a. Savings or regular household budget			
f6_320_b	b. Assurance maladie		b. Health Insurance			
f6_320_c	c. Vente des biens du ménage		c. Selling household possessions			
f6_320_d	d. Hypothèque ou vente de terrain		d. Mortgaging or selling land			
f6_320_e	e. D'un ami ou parent		e. From a friend or relative			
f6_320_f	f. Emprunt de quelqu'un autre qu'un ami ou un parent		f. Borrowed from someone other than friend or family			
f6_320_g	g. Autre		g. Other			
f6_320_spec	spécifiez		specify			
f6_321	Le patient est-il couvert par une assurance maladie?	Oui = 1, Non = 2	Is the child covered under a health insurance scheme?	Yes = 1, No = 2	If 2 ► F6.3.41	
f6_322	Quel type d'assurance maladie?	Public = 1, Privé = 2, Mutuelle de santé = 3, Plus d'un type = 4	What type of health insurance?	Public = 1, Private = 2, Mutuale health insurance = 3, More than one type = 4		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_323	Quels sont les services couverts par ce régime d'assurance-maladie?		Which of the following services are covered under the health insurance scheme?			
f6_323_a	a. Consultation de nourrisson sain (y compris vaccination)	Oui = 1, Non = 2	a. Routine well baby visits (Incl. immunization)	Yes = 1, No = 2		
f6_323_b	b. Soins aux enfants malades	Oui = 1, Non = 2	b. Sick child care	Yes = 1, No = 2		
f6_323_c	c. Autres consultations externes	Oui = 1, Non = 2	c. Other outpatient care	Yes = 1, No = 2		
f6_323_d	d. Les soins prénataux pour les femmes enceintes	Oui = 1, Non = 2	d. Antenatal care for pregnant women	Yes = 1, No = 2		
f6_323_e	e. Soins d'accouchement pour les femmes enceintes	Oui = 1, Non = 2	e. Delivery care for pregnant women	Yes = 1, No = 2		
f6_323_f	f. Les soins post-partum pour les femmes et les nouveau-nés	Oui = 1, Non = 2	f. Post partum care for women and newborns	Yes = 1, No = 2		
f6_323_g	g. Hospitalisations et soins aux patients hospitalisés	Oui = 1, Non = 2	g. Hospital admission and inpatient care	Yes = 1, No = 2		
f6_323_h	h.AUTRE	Oui = 1, Non = 2	h. Other (Specify)	Yes = 1, No = 2		
f6_324	Devez-vous payer les éléments suivants avant d'avoir accès aux avantages de votre assurance? LIRE A HAUTE VOIX		Does the household have to pay the following before being able to use the insurance benefits? (READ ALL ALOUD)			
f6_324_a	a. Prime ou cotisation à l'inscription	Oui = 1, Non = 2	a. Premium			
f6_324_b	b. Frais à chaque visite aux formations sanitaires	Oui = 1, Non = 2	b. Costs for each visit at the health facility			
f6_325	Bénéficiez-vous d'un programme spécial vous donnant accès à des soins gratuits ou à une subvention sur les soins ?		Do you benefit from a special program that gives you access to free treatment or a subsidy on care?			
f6_325_a	a. Carte pour les nécessiteux/indigents	Oui = 1, Non = 2	a. Card for indigents	Yes = 1, No = 2		
f6_325_b	b. Autre programme	Oui = 1, Non = 2	b. Other program	Yes = 1, No = 2		
f6_326	Précisez, si oui à 3,25 b.		specify if yes at 3.25			

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
4	Satisfaction du patient		Patient satisfaction			
f6_401	Quelle est la principale raison qui vous a poussé à choisir cette formation sanitaire aujourd'hui et non une autre? NE PAS LIRE LES CHOIX, UNE SEULE RÉPONSE EST PERMISE	Emplacement proche du domicile = 1,....., autre = 97	What was the main reason you chose this health facility today instead of a different source of care? DO NOT READ CHOICES; ONLY ONE ANSWER IS ALLOWED	Location close to home = 1,....., other = 97		
f6_401_sp ec	spécifiez		specify			
f6_402	Quelle est la 2ème plus importante raison qui vous a poussé à choisir cette formation sanitaire aujourd'hui et non une autre? NE PAS LIRE LES CHOIX, UNE SEULE RÉPONSE EST PERMISE	Aucune autre raison = 1,....., autre = 97	What was the next most important reason you chose this health facility today instead of a different source of care? DO NOT READ CHOICES; ONLY ONE ANSWER IS ALLOWED	Location close to home = 1,....., other = 97		
f6_403	spécifiez		specify			
f6_404	Il est pratique de venir de votre maison à la formation sanitaire.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	It is convenient to travel from your house to the health facility.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		Lire chaque déclaration à l'enquête et enregistrer les codes de réponse pour chaque question/Read each statement to the respondent and record the response code for each question
f6_405	La formation sanitaire est propre	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health facility is clean.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_406	Le personnel médical est courtois et respectueux	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health staff are courteous and respectful.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_407	Le personnel médical vous a bien expliqué l'état de santé de l'enfant	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health workers did a good job of explaining your condition.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_408	On trouve facilement les médicaments que les soignants prescrivent.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	It is easy to get medicine that health workers prescribe.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_409	Les frais pour cette consultation étaient raisonnables.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The registration fees of this visit to the health facility were	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_410	Les frais de laboratoire pendant cette visite étaient raisonnables.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The lab fees of this visit to the health facility were reasonable.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_411	Les frais de médicaments pour cette consultation étaient raisonnables.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The medication fees of this visit to the health facility were reasonable	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_412	Les frais de transport pour cette consultation étaient raisonnables.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The transport fees for this visit to the health facility were reasonable	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_413	Les soignants ne demandent pas de paiements additionnel	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health workers don't ask for present as additional payment	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_414	Le temps d'attente chez le soignant était raisonnable.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The amount of time you spend waiting to be seen by a health provider was reasonable	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_415	Vous avez eu assez d'intimité pendant la consultation.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	You had enough privacy during your visit.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_416	L'agent de santé a passé assez de temps avec vous.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health worker spent a sufficient amount of time with you.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_417	Les heures auxquelles la formation sanitaire est ouverte sont adaptées à vos besoins.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The hours the facility is open are adequate to meet your needs.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_418	En général, la qualité des services offerts était satisfaisante.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The overall quality of services provided was satisfactory.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
5	Sécurité et confiance		Security and Trust			
f6_501	Le niveau de sécurité dans la zone ne permet pas aux populations de la communauté d'utiliser les services de santé disponibles.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The level of security in the health facility area makes it difficult for people in the community to use available health services.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		Lire chaque déclaration à l'enquête et enregistrer les codes de réponse pour chaque question/Read each statement to the respondent and record the response code for each question
f6_502	Le personnel soignant de cette formation sanitaire est honnête et respecte les patients	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	Health workers of this facility are honest and patient-friendly	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_503	Les agents de santé dans cette formation sanitaire sont extrêmement consciencieux et prudents.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health workers in this facility are extremely thorough and careful.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_504	Vous faites confiance aux capacités et aptitudes des soignants de cette formation sanitaire.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	You trust in the skills and abilities of the health workers of this facility.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_505	Vous faites totalement confiance aux décisions du personnel de santé concernant le traitement médical dans cette formation sanitaire.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	You completely trust the health worker's decisions about medical treatments in this facility.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_506	Les agents de santé dans cette formation sanitaire sont très accueillants et ouverts	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health workers in this facility are very friendly and approachable.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_507	Les personnels de santé dans cette formation sanitaire sont faciles à aborder.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health workers in this facility are easy to make contact with.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_508	Le personnel soignants dans cette formation sanitaire s'occupent de la santé de vos enfants du moins autant que vous, sinon plus.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health workers in this facility care about your health just as much or more than you do.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_509	Le personnel de santé de cette formation sanitaire agit différemment à l'égard des riches et des pauvres.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	The health workers in this facility act differently toward rich people than toward poor people.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_510	En général, vous faites entièrement confiance aux soignants de cette formation sanitaire.	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	All in all, you trust the health worker completely in this health facility.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
6	Questions relatives au ménage		Questions about the household			
f6_601	Votre famille a-t-elle un terrain ou une maison ?	Oui = 1, Non =2	Does your household own any land or housing?	Yes = 1, No = 2	If f6_601 = 2 ► F6.6.03	
f6_602	Si vous devriez vendre votre maison ou terrain, quel montant en F CFA recevriez-vous pour cette vente ?	FCFA	How many rooms does your household have?			
f6_603	Pour votre maison, quel est le principal matériau utilisé pour les parties suivantes : mur, toit et sol ?		(Including rooms outside the main dwelling, excluding kitchen and bathrooms)			
f6_603_a	a. Mur	Banco, brique de terre = 1,, Autre = 8	a. Wall	Mud brick =1,, other = 8		Ne lisez pas les réponses à haute voix/Notez les
f6_603_b	b. Toît	Beton = 1,, Autre = 6	b. Roof	Concrete = 1,, other = 6		
f6_603_c	c. Sol	Carreaux = 1,, Autre = 5	c. Soil	tiles = 1,, other = 5		
f6_604	Combien de pièces compte votre maison ? COMPTEZ TOUTES LES PIÈCES, SAUF CUISINE, TOILETTE ET SALLES DE BAINS					
f6_605	Combien de personnes vivent dans votre ménage ?		How many people live in your household?			Ecrire le nombre total dans chaque
f6_605_a	a. Hommes âgés d'au moins 18 ans		1. Men 18 years and older			
f6_605_b	b. Femmes âgées d'au moins 18 ans		2. Women 18 years and older			
f6_605_c	c. Enfants et adolescents âgés entre 6 et 17 ans		3. Children & adolescents between 6 & 17 years			
f6_605_d	d. Enfants âgés de moins de 5 ans		4. Children 5 years and below			
f6_605_e	e. Total		5. Total			
f6_606	Combien de (bien) votre ménage possède t-il		How many (good) does your household have?			Mentionné seulement les biens qui
f6_606_01	1. Radio		1. Radio			
f6_606_02	2. Lecteur CD/DVD /Lecteur de cassette		2. CD/DVD or cassette Player			
f6_606_03	3. Téléviseur		3. Television			
f6_606_04	4. Fer à repasser		4. Smoothing-iron			
f6_606_05	5. Fourneau électrique		5. Electric stove			
f6_606_06	6. Bouteille de gaz		6. Gaz cylinder			
f6_606_07	7. Lampe à pétrole		7. Oil burner			

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_606_08	8. Lit/matelas		8. Bed/matress			
f6_606_09	9. Moustiquaires		9. Refrigerator/			
f6_606_10	10. Réfrigérateur/congelateur		10. Fridge/freezer			
f6_606_11	11. Machine à coudre		11. Sewing machine			
f6_606_12	12. Canapé/divan		12. Sofa/Divan			
f6_606_13	13. Téléphone portable		13. Mobile phone			
f6_606_14	14. Téléphone fixe		14. Fixed phone			
f6_606_15	15. Moto		15. Motobike			
f6_606_16	16. Bicyclette		16. Bicycle			
f6_606_17	17. Camionnette ou voiture		17. Van /car			
f6_606_18	18. Brouette/pousse -pousse		18. Wheelbarow /rickshaw			
f6_606_19	19. Charrue		19. Plow			
f6_606_20	20. Charette		20. "Charette"			
f6_606_21	21. Houes/herses/haches		21. Hoes / harrows / axes			
f6_606_22	22. Groupe électrogène		22. Generator			
f6_606_23	23. Panneau solaire		23. Solar panel			
f6_606_24	24. Batterie		24. Battery			
f6_606_25	25. Foyer amélioré		25. Improved stove			
f6_606_26	26. Ordinateur		26. Computer			
f6_606_97	97. Autre		27. Other			
f6_607	Votre ménage possède combien d (animaux)?		How many animals does your household have?			
f6_607_01	1. Boeufs		1. Oxen			
f6_607_02	2. Chèvres		2. Goats			
f6_607_03	3. Moutons		3. Sheeps			
f6_607_04	4. Cochons		4. Pigs			

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_607_05	5. Volaille		5. Poultry/fowl			
f6_607_06	6. Ane		6. Donkey			
f6_607_07	7. Cheval		7. Horse			
f6_607_08	8. Autre animaux		8. Other animal			
f6_607_spec						

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
7	Agents de santé communautaire		Community Health Worker			
f6_701	Connaissez-vous un agent de santé communautaire (ASC) dans votre communauté ?	Oui = 1, Non = 2	Do you know of any community health workers(CHW) in your community?	Yes = 1, No = 2	If 2 ► FIN	
f6_702	Avez-vous des agents de santé communautaire de sexe masculin et de sexe féminin dans votre communauté ?	ASC de sexe masculin uniquement = 1, ASC de sexe féminin uniquement = 2, Sexe masculin et féminin = 3	Do you have both male and female Community Health Worker in your community?	Male CHW only = 1, Female CHW only = 2, Both = 3		
f6_703	Au cours du dernier mois, avez-vous reçu un service de la part d'un ASC au sein de la formation sanitaire ?	Oui = 1, Non = 2	During the past month, did you receive a service from a CSA in the clinic?	Yes = 1, No = 2		
f6_704	Au cours du dernier mois, avez-vous reçu un service de la part d'un ASC à votre domicile ?	Oui = 1, Non = 2	During the past month, did you receive a service from a CSA in the clinic?	Yes = 1, No = 2		
f6_705	Au cours du dernier mois, avez-vous reçu un service d'un ASC dans un autre endroit dans la communauté (sensibilisation, case de santé, domicile de l'ASC) ?	Oui = 1, Non = 2	During the past month, have you been a CSA service in another place in the community (education, health center, home to ASC)?	Yes = 1, No = 2		
f6_706	VÉRIFIER LES 3 QUESTIONS PRÉCÉDENTES POUR VOIR SI L'ENQUÊTÉ A UTILISÉ LES SERVICES D'UN ASC LE MOIS DERNIER		CHECK THE PREVIOUS 3 QUESTIONS TO SEE IF RESPONDENT HAS USED THE SERVICES OF A CSA LAST MONTH	1.Yes 2.No	If 2 ► F6.7.08	
f6_707	Quels services l'ASC vous a-t-il offert ?		What services did the CHW provide you?			Ne lisez pas les options à haute voix. Pour chaque option/Do not read option
f6_707_a	a. Fournir les comprimés de fer / d'acide folique	Mentionné = 1, Non mentionné = 2	a . Provide iron / folic acid	Mentioned = 1, Not mentioned = 2		
f6_707_b	b. Fournir le vaccin contre l'anatoxine tétanique (VAT)	Mentionné = 1, Non mentionné = 2	b . Provide the vaccine against tetanus toxoid (TT)	Mentioned = 1, Not mentioned = 2		
f6_707_c	c. Fournir les médicaments antipaludiques	Mentionné = 1, Non mentionné = 2	c . Providing antimalarial drugs	Mentioned = 1, Not mentioned = 2		
f6_707_d	d. Informations sur les signes alarmants pendant la grossesse	Mentionné = 1, Non mentionné = 2	d . Information about warning signs during pregnancy	Mentioned = 1, Not mentioned = 2		
f6_707_e	e. Conseil sur l'allaitement maternel exclusif	Mentionné = 1, Non mentionné = 2	e . Council on exclusive breastfeeding	Mentioned = 1, Not mentioned = 2		
f6_707_f	f. Distribution de moustiquaires imprégnées	Mentionné = 1, Non mentionné = 2	f . Treated nets	Mentioned = 1, Not mentioned = 2		
f6_707_g	g. Référence au centre de santé	Mentionné = 1, Non mentionné = 2	g . Reference to the health center	Mentioned = 1, Not mentioned = 2		
f6_707_h	h. Référence au service de soins prénatals	Mentionné = 1, Non mentionné = 2	8 . Reference to antenatal care	Mentioned = 1, Not mentioned = 2		
f6_707_i	i. Référence pour accouchement en institution, à la maternité	Mentionné = 1, Non mentionné = 2	h . Referral for delivery in institutions , maternity	Mentioned = 1, Not mentioned = 2		

Questionnaire F6

Variable	Question en français	Réponse en français	Question in English	Response in English	Saut/ Jump	Recommendation to the fieldworker
f6_707_j	j. Référence au service de soins postnataux	Mentionné = 1, Non mentionné = 2	j. Reference service postnatal care	Mentioned = 1, Not mentioned = 2		
f6_707_k	k. Référence à un service de conseils et tests volontaires VIH/SIDA / de prévention de transmission du VIH/SIDA de la mère et l'enfant	Mentionné = 1, Non mentionné = 2	k . Reference service voluntary counseling and testing HIV / AIDS / prevention of transmission of HIV / AIDS from mother and child	Mentioned = 1, Not mentioned = 2		
f6_707_l	l. Référence à un service de vaccination des enfants	Mentionné = 1, Non mentionné = 2	l . Reference to a vaccination service for children	Mentioned = 1, Not mentioned = 2		
f6_707_m	m. Conseils sur le planning familial	Mentionné = 1, Non mentionné = 2	m . Advice on family planning	Mentioned = 1, Not mentioned = 2		
f6_707_n	n. Surveillance de la croissance de l'enfant / conseils sur la nutrition de l'enfant	Mentionné = 1, Non mentionné = 2	n . Monitoring of child growth / tips on child nutrition	Mentioned = 1, Not mentioned = 2		
f6_707_o	o. Conseils sur l'eau et les règles sanitaires	Mentionné = 1, Non mentionné = 2	o . Tips on water and sanitation rules	Mentioned = 1, Not mentioned = 2		
f6_707_p	p. Sessions d'Information, d'Éducation et de Communication portant sur d'autres sujets liés à la santé	Mentionné = 1, Non mentionné = 2	p . Sessions Information , Education and Communication on other topics related to health	Mentioned = 1, Not mentioned = 2		
f6_707_q	q. Distribution des anti-pyretiques	Mentionné = 1, Non mentionné = 2	q . Distribution of anti -pyretic	Mentioned = 1, Not mentioned = 2		
f6_707_r	r. Autre	Mentionné = 1, Non mentionné = 2	r . other	Mentioned = 1, Not mentioned = 2		
f6_707_spec	Spécifiez		specify			
f6_708	Maintenant je vais vous lire deux déclarations en rapport avec le travail effectué par les agents de santé communautaire. Veuillez dire si vous êtes d'accord ou pas avec chaque déclaration.		I'm going to read you two statements in relation to work done by the Community Health workers. Please indicate if you agree, neither agree nor disagree, or disagree with each statement.			
f6_708_a	a. Les Agents de santé communautaire rendent des services précieux dans ma communauté	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	a. Community Health Workers provide a valuable service in my community.	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_708_b	b. Les Agents de santé communautaire offrent des services de bonne qualité dans ma communauté	Accord = 1, Ni en accord ni en désaccord = 2, Désaccord = 3, Non applicable = 9	b. Community Health Worker(s) provide good quality service in my community	Agree = 1, Neither agree nor disagree = 2, Disagree = 3, Not applicable = 4		
f6_709	Langue de l'entrevue	Francais = 1,, Autre = 12	Language of interview	French = 1,....., other = 12		
f6_709_preciser	Préciser			Specify		
f6_comtaire	Commentaires de l'enquêteur à propos de l'entrevue		Comments of the investigator about the interview			

Questionnaire F7: Enfants de plus de 5 ans

	Couverture		Cover	
	FRENCH		ENGLISH	
Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English
F7_se	Sélection d'énumération		Enumeration Section	
F7_id1	Numéro du questionnaire (Réservé à la Saisie)		The Questionnaire's number (Reserved Entering)	
F7_reg	Région		Region	
F7_ze	Zone d'étude		Study Area	
F7_dist	District de Santé		Health District	
F7_commun	Commune		Community	
F7_codfosa	Code de la Formation Sanitaire		Code of the Health Facility	
F7_niv	Niveau de la Formation sanitaire	Hôpital Régional= 01, Hôpital du District/CMA= 02, Centre Médical= 03, CSPS= 04, Dispensaire ou Maternité Isole= 05, Formation Sanitaire Privée à but Lucratif= 06, Formation Sanitaire, Privée Confessionnelle= 07	Level of Health Facility	Regional Hospital= 01, District Hospital= 02, Medical Center= 03, CSPS= 04, Dispensary or Maternity Unit= 05, Private Health Facility for Profit= 06, Denominational Private Health Facility (religious)= 07
F7_fosa	Nom de la Formation Sanitaire		Name of The Health Facility	
F7_vil	Village / Quartier		Village / Neighborhood	
F7_latitude	Latitude (Nord)		Latitude (North)	
F7_longitude	Longitude (Est)		Longitude (East)	
F7_empl	Emplacement	Urbain= 1, Rural= 2	Location	Urban= 1, Rural= 2
F7_nomenq	Nom/Prénom de l'enquêteur		Last name/First name of the Interviewer	
F7_codenq	Code Enquêteur		Interviewer Code	
F7_datevis	Date Visite	Jour= [][] Mois= [][] Année= [][][][]	Visit Date	Day= [][] Month= [][] Year= [][][][]
F7_result	Questionnaire (cette partie doit être remplie à l'issu de l'interview)	Entièrement rempli= 1, Partiellement rempli= 2, Le patient ou l'accompagnant a refusé l'interview= 3, Aucune consultation de patient de plus de 5 ans= 4, La formation sanitaire est vide (aucun membre du personnel n'est présent)= 5, Autre, préciser=7: _____	Questinnnaire (this section must be completed at the end of the interview)	Fully completed= 1, Partially completed= 2, The patient or his accompanist refused the interview = 3, No consultation for patients above 5 years = 4, The facility is empty (none of staff members were present) = 5, Other, specify= 7: _____
F7_const	Consentement éclairé, à recueillir avant le début de l'interview	Oui= 1, Non= 2	Informed Consent, to be completed before the interview starts	Yes= 1, No= 2
F7_nomsup	Vérification de questionnaire par le superviseur	Nom/Prénom (du superviseur): _____	Questionnaire check done by the supervisor	Last name/First name (of the supervisor): _____
F7_codesup	Vérification de questionnaire par le superviseur	Code (du superviseur): [][]	Questionnaire check done by the supervisor	Code (of the supervisor) : [][]

Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English
F7_datesup	Vérification de questionnaire par le superviseur	Date (de la verification) Jour= [][] Mois= [][] Année= [][][][]	Questionnaire check done by the supervisor	date (of the quest. check) Day= [][] Month= [][] Year= [][][][]
F7_nomops_1	Opérateur de saisie de données-1	Nom/Prénom (de l'opérateur 1): _____	Data Entry Operator 1	Last name/First name (of the operator1):_____
F7_codops_1	Opérateur de saisie de données-1	Code (de l'opérateur 1): [][]	Data Entry Operator 1	Code (of the operator 1) : [][]
F7_datesaisie_1	Opérateur de saisie de données-1	Date (de la saisie des données) Jour= [][] Mois= [][] Année= [][][][]	Data Entry Operator 1	date (of data entry) Day= [][] Month= [][] Year= [][][][]
F7_nomops_2	Opérateur de saisie de données-2	Nom/Prénom (de l'opérateur 2): _____	Data Entry Operator 2	Last name/First name (of the operator 2):_____
F7_codops_2	Opérateur de saisie de données-2	Code (de l'opérateur 2): [][]	Data Entry Operator 2	Code (of the operator 2) : [][]
F7_datesaisie_2	Opérateur de saisie de données-2	Date (de la saisie des données) Jour= [][] Mois= [][] Année= [][][][]	Data Entry Operator 2	date (of data entry) Day= [][] Month= [][] Year= [][][][]

Variable name	Identification		Identification		Saut/ Jump	Recommendation to the fieldworker
	FRENCH		ENGLISH			
	Question en Francais	Réponse en francais	Question in English	Answer in English		
F7_1.01	Nom/Prénom du Patient		Last name/First name of the Patient			Poser les questions suivantes au patient ou au(x) parent(s) ou accompagnant(s) Ask the following questions to the patient, or his parent(s), or his accompanist(s)
F7_1.02	Sexe du patient	Masculin= 1, Feminin= 2	Patient's Sex	Male= 1, Female= 2		
F7_1.03	Quel est le statut de l'agent qui vous a reçu?	Médecin= 1, Infirmier(ère) Diplômé(e) de l'état= 2 Attaché de santé= 3, Infirmier(ère) breveté(e)= 4, Accoucheuse breveté(e)= 5, Sage-femme d'état/Maïeuticien d'état= 6, Accoucheuse auxiliaire= 7, Fille de salle/garçon de salle= 8, Agent Itinérant de santé= 9, Autre, spécifiez= 97: _____	What is the position of the agent who received you?	Medical doctor= 1, State registered nurse= 2, Health officer= 3, Practical nurse= 4, Practical midwife= 5, State registered midwife= 6, Auxiliary midwife= 7, Office boy/ Office girl= 8, Ambulant health agent= 9, Other, specify= 97: _____		
F7_1.04	Numéro de suivi du personnel de santé		Tracking number of the health worker			Insérer le numéro de suivi du personnel de santé à partir de la liste du personnel à la Fiche 1 / Insert the tracking number of the health workers according to the staff list provided in Form 1
F7_1.05	De quel type de formation sanitaire s'agit-il?	Centre Hospitalier Régional= 1, Hôpital du District/CMA= 2, Centre Médical= 3, CSPS= 4, Dispensaire Isolé= 5, Maternité Isolée= 6, Formation Sanitaire Privée à but lucratif= 7, Formation Sanitaire Privée à but non lucratif= 8, Autre, spécifiez= 97: _____	What type of health facility is it?	Regional Hospital Center= 1, District Hospital= 2, Medical Center= 3, CSPS= 4, Dispensary= 5, Maternity Unit= 6, Private Health Facility for Profit= 7, Private Health Facility for non profit= 8, Other, specify= 97: _____		Enquêteur: Veuillez précisez le type de formation sanitaire Interviewer: Please indicate the type of the health facility
F7_1.06	Qui répond à l'interview?	Patient= 1, Accompagnateur= 2	Who is beng interviewed?	Patient= 1, Accompanist= 2	if 1 ► F7_1.08	Posez les questions suivantes au patient ou son accompagnateur. Si l'enfant est âgé(e) de moins de 5 ans, arrêtez et passez au suivant. Si le patient a moins de 15 ans, posez les questions 1.06-1.12. Si le patient a 15 ans ou plus continuez à 1.13 Ask the following questions to the patient or his accompanist.
F7_1.07	Quel est le lien de parenté avec le patient?	Mère= 1, Père= 2, Autre parent du sexe masculin= 3, Autre parent de sexe féminin= 4, Autre, spécifiez= 7: _____	What is the relationship between the patient and the person being interviewed?	Mother= 1, Father= 2, Other male family caregiver = 3, Other female family caregiver= 4, Other, specify= 7: _____		
F7_1.08	Est ce la première fois que le patient est conduit/ vous venez à cette formation sanitaire?	Oui= 1, Non= 2	Is this the first time that the patient is brought to this facility / that you come to this facility?	Yes= 1, No= 2		
F7_1.09	Quel est l'âge du patient/ Quel est votre âge?		How old is the patient/ are you?			Noter années révolues Note completed years
F7_1.10	Pouvez-vous/le patient peut-il lire et écrire?	Oui= 1, Non= 2	Can you (the patient) read and write?	Yes= 1, No= 2		

Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_1.11	Quel est votre niveau scolaire/Quel est le niveau scolaire du patient?	Aucun= 1, Primaire= 2, Secondaire 1er cycle= 3, Secondaire 2ème cycle= 4, supérieur= 5	What is your (the patient) level of education?	None= 1, Elementary school= 2, Middle school= 3, High school= 4, Higher education= 5	if 1 ► F7_1.13	
F7_1.12	Quelle est la classe la plus élevée achevée dans ce niveau?	CP1= 1, CP2= 2, CE1= 3, CE2= 4, CM1= 5, CM2= 6, 6ème= 7, 5ème= 8, 4ème= 9, 3ème= 10, 2nd= 11, 1ère= 12, Terminale= 13, 1ère année sup= 14, 2ème année sup= 15, 3ème année sup= 16, 4ème année sup et plus= 17	What is the last completed class at this level	CP1= 1, CP2= 2, CE1= 3, CE2= 4, CM1= 5, CM2= 6, 6ème= 7, 5ème= 8, 4ème= 9, 3ème= 10, 2nd= 11, 1ère= 12, Terminale= 13, 1ère année sup= 14, 2ème année sup= 15, 3ème année sup= 16, 4ème année sup et plus= 17		
F7_1.13	Si âge est supérieur à 15 ans Quel est votre statut matrimonial?	Célibataire= 1, Marié(e)/Union Libre= 2, Veuf/ve= 3, Divorcé(e)/séparé(e)= 4	If patient is above 15 y.o. What is your marital status	Single= 1, Married/cohabitation= 2, Widow(er)= 3, Divorced/separated= 4		

Variable name	Traitement		Treatment		Saut/ Jump	Recommendation to the fieldworker
	Question en Francais	Réponse en francais	Question in English	Answer in English		
	Commencez cette section en disant: "A présent j'aimerais savoir ce qu'il vous a fait venir à cette formation sanitaire" Begin this section by saying: " Now I would like to know what made you use this health facility"					
F7_2.01	Quel est l'objet de votre visite/ou du patient à cette formation sanitaire aujourd'hui?	a. Traitement d'une maladie= <input type="checkbox"/> , b. Planning familial= <input type="checkbox"/> , c. Nutrition de l'enfant= <input type="checkbox"/> , d. Soins post partum (dans les 2 mois après un accouchement)= <input type="checkbox"/> , e. Autre, spécifiez=	Today, what is the purpose of your visit (the patient's visit) to this health facility?	a. Disease treatment= <input type="checkbox"/> , b. Family planning= <input type="checkbox"/> , c. Child nutrition= <input type="checkbox"/> , d. Postnatal care (within 2 months after delivery)= <input type="checkbox"/> , e. Other, specify= <input type="text"/>	If b, c, or d =1 ► F7_2.04	Enregistrer "1" si la raison est citée et "2" le cas échéant Note "1" if the reason is already mentioned in the list and "2" if not.
F7_2.02	Depuis combien de jours est ce que cette maladie a-t-elle	Nombre de jours: <input type="text"/>	How many days since the disease had started?	Number of days: <input type="text"/>		
F7_2.03	Quel étaient les premiers signes de la maladie?	a. Diarrhée= <input type="checkbox"/> , b. Fièvre= <input type="checkbox"/> , c. Toux/respiration difficile= <input type="checkbox"/> , d. Infection de la peau/plaie infectée= <input type="checkbox"/> , e. Maux de gorge/ Amygdalite= <input type="checkbox"/> , f. Maux d'oreille (Otitis moyenne)= <input type="checkbox"/> , g. Vomissements= <input type="checkbox"/> , h. Épuisement= <input type="checkbox"/> , i. Maux de tête= <input type="checkbox"/> , j. Douleurs corporelles= <input type="checkbox"/> , k. Refus/Incapacité de manger= <input type="checkbox"/> , l. Perte de poids= <input type="checkbox"/> , m. Blessure= <input type="checkbox"/> , n. Autre, spécifiez= <input type="text"/>	What were the first signs of the disease?	a. Diarrhea= <input type="checkbox"/> , b. Fever= <input type="checkbox"/> , c. Cough/difficulties in breathing= <input type="checkbox"/> , d. Skin Infection/Infected wound= <input type="checkbox"/> , e. Sore throat/Tonsillitis= <input type="checkbox"/> , f. Ear aches (Otitis media)= <input type="checkbox"/> , g. Vomitting= <input type="checkbox"/> , h. Exhaustion= <input type="checkbox"/> , i. Headaches= <input type="checkbox"/> , j. Body aches= <input type="checkbox"/> , k. Refusal/inability to eat= <input type="checkbox"/> , l. Weight loss= <input type="checkbox"/> , m. Wound= <input type="checkbox"/> , n. Other, specify= <input type="text"/>		Enregistrer "1" si la raison est citée et "2" le cas échéant Note "1" if the reason is already mentioned in the list and "2" if not.
F7_2.04	Êtes vous venu dans cette formation sanitaire par votre choix, ou référé à partir d'une autre formation sanitaire ou dirigé par un agent de santé communautaire?	Venu directement et seul= 1, Dirigé par un agent de santé d'une autre formation sanitaire= 2, Dirigé par un agent de santé communautaire= 3	Did you chose to come to this health facility, or were you referred here through another health facility, or did a community health worker refer you here?	Came directly here on his/her own= 1, Referred by a health worker of another health facility= 2, Referred by a community health worker= 3		
F7_2.05	Est ce qu'un agent de santé vous a demandé votre âge/l'âge du patient?	Oui = 1, Non = 2	Did one of the health worker ask you (the patient) about your age?	Yes= 1, No= 2		
F7_2.06	Est ce qu'un agent de santé vous a pesé/le patient?	Oui = 1, Non = 2	Did one of the health worker weigh you (the patient)?	Yes= 1, No= 2		
F7_2.07	Est ce qu'un agent de santé a pris votre taille/ La taille du patient?	Oui = 1, Non = 2	Did one of the health worker measure your height (the patient's height)?	Yes= 1, No= 2		
F7_2.08	Est ce qu'un agent de santé vous a examiné physiquement/ le patient?	Oui = 1, Non = 2	Did one of the health worker examine you physically (the patient)?	Yes= 1, No= 2		
F7_2.09	Est ce qu'un agent de santé a pris votre tension artérielle?	Oui = 1, Non = 2	Did one of the health worker take your blood pressure?	Yes= 1, No= 2		
F7_2.10	Durant cette consultation, est ce que l'agent de santé vous a dit ce qu'il n'allait pas avec votre santé / le patient?	Oui = 1, Non = 2	During this consultation, did the health worker explain what was your health issue (the patient's health issue)?	Yes= 1, No= 2	If 2 ► F7_2.12	

Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_2.11	Que vous a dit l'agent de santé à propos de votre état/le patient?	a. Paludisme = <input type="checkbox"/> , b. Fièvre = <input type="checkbox"/> , c. Rougeole = <input type="checkbox"/> , d. Déshydratation = <input type="checkbox"/> , e. Infection virale / Grippe = <input type="checkbox"/> , f. Diarrhée = <input type="checkbox"/> , g. Dysentérie/Diarrhée sanguinolente = <input type="checkbox"/> , h. Rhume / Infection des voies respiratoires = <input type="checkbox"/> , i. Pneumonie = <input type="checkbox"/> , j. Malnutrition = <input type="checkbox"/> , k. Infection parasitaire = <input type="checkbox"/> , l. Diabète = <input type="checkbox"/> , m. Hypertension = <input type="checkbox"/> , n. Blessure = <input type="checkbox"/> , o. Infections sexuellement transmissibles (IST) = <input type="checkbox"/> , p. Otite = <input type="checkbox"/> , q. Autre, préciser = <input type="checkbox"/> : _____	What did the health worker tell you about your health (the patient's health) issue?	a. Malaria = <input type="checkbox"/> , b. Fever = <input type="checkbox"/> , c. Measles = <input type="checkbox"/> , d. Dehydration = <input type="checkbox"/> , e. Viral infection / Flu = <input type="checkbox"/> , f. Diarrhea = <input type="checkbox"/> , g. Dysentery / Diarrhea with blood = <input type="checkbox"/> , h. Cold / Respiratory tract infection = <input type="checkbox"/> , i. Pneumonia = <input type="checkbox"/> , j. Malnutrition = <input type="checkbox"/> , k. Parasitic infection = <input type="checkbox"/> , l. Diabetes = <input type="checkbox"/> , m. Hypertension = <input type="checkbox"/> , n. Wounding = <input type="checkbox"/> , o. Sexuellement transmitted infections (STIs) = <input type="checkbox"/> , p. Otitis = <input type="checkbox"/> , q. Other, specify = <input type="checkbox"/> : _____		Ne pas lire les options à haute voix, pour chaque option, enregistrer "1" si mentionnée, et "2" si rien n'est indiqué Do not read options aloud, note for each option "1" if mentioned and "2" if not mentioned.
F7_2.12	Est ce que l'agent de santé vous a donné des directives à suivre à la maison par rapport au traitement de votre maladie/ la maladie du patient?	Oui = 1, Non = 2	Did the health worker give you directions about your treatment (the patient's treatment) to follow when you are at home (the patient)?	Yes= 1, No= 2	If 2 ► F7_2.14	
F7_2.13	Qu'est ce qu'il vous a demandé de faire ?	a. Donner plus à boire = <input type="checkbox"/> , b. Se reposer = <input type="checkbox"/> , c. Bains/Enveloppements froids en cas de fièvre = <input type="checkbox"/> , d. Ne pas le laisser prendre froid = <input type="checkbox"/> , e. Éviter de prendre/donner des médicaments autres que ceux prescrits aujourd'hui = <input type="checkbox"/> , f. Autre, spécifiez = <input type="checkbox"/> : _____	What did he ask you to do?	a. Give more to drink = <input type="checkbox"/> , b. Rest = <input type="checkbox"/> , c. Bath / cold wraps in case of fever = <input type="checkbox"/> , d. Do not get exposed to cold = <input type="checkbox"/> , e. Avoid taking/giving medications other than those prescribed today = <input type="checkbox"/> , f. Other, specify = <input type="checkbox"/> : _____		Ne pas lire les options à haute voix, pour chaque option, enregistrer "1" si mentionnée, et "2" si rien n'est indiqué / Do not read options aloud, note for each option "1" if mentioned and "2" if not mentioned.
F7_2.14	Est ce que l'agent de santé vous a demandé de revenir ou de ramener le patient si son état s'aggrave?	Oui = 1, Non = 2	Did the health worker ask you to return (bring back the patient) if his condition worsens?	Yes= 1, No= 2	If 2 ► F7_2.16	
F7_2.15	À partir de ce que vous a dit l'agent de santé, comment saurez-vous que l'état du patient s'aggrave et s'il faut le ramener?	a. La fièvre ne cesse pas après un temps = <input type="checkbox"/> , b. La fièvre s'aggrave = <input type="checkbox"/> , c. Le patient n'arrive pas à boire ou boit difficilement = <input type="checkbox"/> , d. Changement d'état de conscience = <input type="checkbox"/> , e. Diarrhée persistante = <input type="checkbox"/> , f. Présence de sang dans les selles = <input type="checkbox"/> , g. Le patient se met à respirer rapidement ou a des difficultés à respirer = <input type="checkbox"/> , h. L'état du patient s'empire sans raison apparente = <input type="checkbox"/> , i. Apparition de nouveaux symptômes = <input type="checkbox"/> , j. Autre, précisez = <input type="checkbox"/> : _____	Depending on what the health worker has told you, how would you know that the patient's condition has worsened?	a. Fever persists = <input type="checkbox"/> , b. Fever worsens = <input type="checkbox"/> , c. The patient is unable to drink or is having difficulties to drink = <input type="checkbox"/> , d. Change in state of consciousness = <input type="checkbox"/> , e. Persistent diarrhea = <input type="checkbox"/> , f. Blood in the stool = <input type="checkbox"/> , g. The patient began to breathe rapidly or has difficulties in breathing = <input type="checkbox"/> , h. The patient's condition is getting worse for no apparent reason = <input type="checkbox"/> , i. Occurrence of new symptoms = <input type="checkbox"/> , j. Other, specify = <input type="checkbox"/> : _____		Ne pas lire les options à haute voix, pour chaque option, enregistrer "1" si mentionnée, et "2" si rien n'est indiqué Do not read options aloud, note for each option "1" if mentioned and "2" if not mentioned.

Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_2.16	Avez-vous / le patient a-t-il reçu des médicaments ou une prescription aujourd'hui dans cette formation sanitaire?	a reçu des médicaments à la formation sanitaire = 1, a reçu et a acheté des médicaments à la formation sanitaire= 2, a reçu une prescription et a acheté des médicaments dans la formation sanitaire= 3, a reçu une prescription à acheter hors de la formation sanitaire= 4, n'a reçu ni médicaments ni prescription à la formation sanitaire = 5	Did you (the patient) receive today any medications or prescription at this health facility?	received medicines at the health facility = 1, received and bought drugs at the health facility = 2, was prescribed drugs and purchased them at the health facility= 3, received a prescription to buy outside the health facility = 4, received no drugs and no prescription at the health facility = 5	If 5 ► F7_2.25	
F7_2.17	Au total, combien de médicaments vous ont-ils été donnés ou prescrits / le patient?	[[[	In total, how many medications were given to you (the patient) or prescribed?	[[[		Notez le nombre / Note the number
F7_2.18	Quels médicaments vous a-t-on prescrit?	1: _____ 2: _____ 3: _____	Which medicines were prescribed?	1: _____ 2: _____ 3: _____		
F7_2.19	Quel médicament vous a-t-on donné (gratuitement)?	1: _____ 2: _____ 3: _____	Which medicines were given to you for free?	1: _____ 2: _____ 3: _____ 4: _____ 5: _____		Enquêteur: Vérifiez les médicaments sur l'ordonnance pour confirmation Interviewer: Check the given prescription for confirmation
F7_2.20	Quel médicament avez-vous acheté ?	1: _____ 2: _____ 3: _____	Which medicines did you buy?	1: _____ 2: _____ 3: _____ 4: _____ 5: _____		
F7_2.21	Combien de temps vous faut-il pour aller de cette formation sanitaire à la pharmacie/l'endroit où vous achetez les médicaments prescrits en utilisant le moyen de	Minutes: [[[[	How long does it take you to travel from this health facility to the pharmacy /the place where you can buy the prescribed medicine using your usual mean of transportation?	Minutes: [[[[		Allez simple (S'EST AU SEIN DE LA FORMATION SANITAIRE ENREGISTRER 000) / One way (if the patient gets his medication at the facility note 000)
F7_2.22	Quel est le moyen habituel utilisé pour le transport pour se rendre à la pharmacie?	À pieds = 1, Vélo = 2, Charrette avec âne ou cheval= 3, Voiture personnelle= 4, Moto personnelle= 5, Transports en commun (bus, car, taxi)= 6, Moto-taxi= 7, Autre, spécifiez= 97: _____	What is your the usual mean of transportation used to get to the pharmacie?	By foot = 1, Bicycle = 2, Chariot (donkey/horse drawn)= 3, Personal car= 4, Personal motorcycle= 5, Public transportation (bus, car, taxi)= 6, Moto-taxi= 7, Other, specify= 97: _____		
F7_2.23	Est ce que l'agent de santé vous a expliqué comment prendre les médicaments?	Oui = 1, Non = 2	Did the health worker explain how to take the medications?	Yes= 1, No= 2		
F7_2.24	Est ce que le(s) agent(s) de santé vous a/ont parlé des éventuels effets secondaires des médicaments prescrit ou donnés ?	Oui = 1, Non = 2	Did the health worker(s) tell you about possible adverse reactions (side effects) that the given/prescribed medicine might have?	Yes= 1, No= 2		

Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_2.25	Est ce que l'agent de santé vous a donné un jour précis de rendez-vous pour le suivi?	Oui = 1, Non = 2	Did the health worker give you a specific day on which you should (the patient) come back for follow-up?	Yes= 1, No= 2		

Variable name	Déplacement du patient et dépenses		Patient travel and expenditure		Saut/ Jump	Recommendation to the fieldworker
	FRENCH	ENGLISH				
	Question en Francais	Réponse en francais	Question in English	Answer in English		
F7_3.01	Quelle est la distance entre votre domicile et cette formation sanitaire en kilomètres?	[_][_] Km	What is the distance in kilometers between your household and this health facility?	[_][_] Kms		
F7_3.02	Combien de temps avez-vous/ le patient mis pour venir de chez vous à cette formation sanitaire aujourd'hui? (aller simple)	[_][_] min	How long did it take you/the patient to reach this health facility from home today? (One way)	[_][_] min		
F7_3.03	Quel était votre principal moyen de transport aujourd'hui? (aller simple)	À pieds = 1 Vélo= 2 Charette avec âne ou cheval= 3 Voiture personnelle= 4 Moto personnelle= 5 Transport en commun (bus, car, taxi)= 6 Moto taxi= 7 Autre= 97	What was your primary mode of	On foot= 1 Bicycle= 2 Wheelbarrows with donkey or horse= 3 Personal vehicle= 4 Personal motorcycle=5 Public transportation (bus, taxi, car)= 6 Moto taxi= 7 Other= 97	If 1, 2, or 3 ► F7_3.05	
F7_3.04	Combien avez-vous/le patient payé en FCFA pour arriver ici aujourd'hui? (aller simple)	[_][_] FCFA	How much did you/the patient pay to travel to the health facility today? (One way)	[_][_] FCFA		
F7_3.05	Combien de temps avez-vous attendu avant d'être consulté dans cette formation sanitaire aujourd'hui?	[_][_] min	How long did you/the patient have to wait in this health facility before entering for consultation?	[_][_] min		
F7_3.06	Était-ce trop long comme attente?	Oui = 1 Non = 2	Do you think this you waited for a long time?	Yes = 1 No = 2		
F7_3.07	Combien de temps avez-vous/le patient passé avec le médecin ou l'infirmière en consultation?	[_][_] min	How much time did you/the patient spend with the doctor or nurse in consultation?	[_][_] min		
F7_3.08	Était-ce suffisant ou trop court ?	Oui = 1 Non = 2	Was it too long or too short?	Oui = 1 Non = 2		
F7_3.09	Avez-vous payé des frais de consultation?	Oui = 1 Non = 2	Did you have to pay any consultation fees?	Yes = 1 No = 2	If 2 ► F7_3.11	
F7_3.10	Combien avez-vous payé pour cela en FCFA?	[_][_] FCFA	How much did you pay for that in FCFA?	[_][_] FCFA		
F7_3.11	A part les frais de consultation, l'agent de santé vous a-t-il demandé de l'argent en plus?	Oui = 1 Non = 2	Other then the consultation fee, did the health worker ask you for additional payment?	Yes = 1 No = 2	If 2 ► F7_3.13	
F7_3.12	Combien avez-vous payé pour cela en FCFA?	[_][_] FCFA	How much did you pay for that in FCFA?	[_][_] FCFA		
F7_3.13	Avez-vous/le patient fait des examens de laboratoire?	Oui = 1 Non = 2	Did you/the patient have to do any laboratory test?	Yes = 1 No = 2	If 2 ► F7_3.15	
F7_3.14	Combien avez-vous payé pour cela en FCFA?	[_][_] FCFA	How much did you pay for that in FCFA?	[_][_] FCFA		
F7_3.15	Avez-vous/le patient fait des examens de radiologie?	Oui = 1 Non = 2	Did you/the patient have to do any radiology test?	Yes = 1 No = 2	If 2 ► F7_3.17	
F7_3.16	Combien avez-vous payé pour cela en FCFA?	[_][_] FCFA	How much did you pay for that in FCFA?	[_][_] FCFA		
F7_3.17	Avez-vous/le patient payé des médicaments à la pharmacie de la formation sanitaire?	Oui = 1 Non = 2	Did you/the patient payed for any purchased medications at the pharmacy of this health facility?	Yes = 1 No = 2	If 2 ► F7_3.19	

Variable name	Question en Français	Réponse en français	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_3.18	Combien avez-vous payé pour cela en FCFA?	[[[[]]] FCFA	How much did you pay for that in FCFA?	[[[[]]] FCFA		
F7_3.19	Combien avez-vous dépensé au total à la formation sanitaire (FCFA) pour cette visite, sans inclure les frais de transport?	[[[[]]] FCFA	How much was spent in total (local FCFA) at the facility for this visit, not including transportation costs?	[[[[]]] FCFA	If 00000 FCFA ► F7_3.22	ENQUÊTEUR : VÉRIFIER QUE LE TOTAL CORRESPOND EFFECTIVEMENT AUX DIVERS MONTANTS MENTIONNES INTERVIEWER: CHECK TO SEE IF THE TOTAL MATCHES THE AMOUNTS GIVEN) IF NOTHING WAS PAID SKIP TO 3.22
F7_3.20	Quelle est la source de l'argent que vous avez utilisé pour payer les soins aujourd'hui?	a. Épargne ou budget normal du ménage b. Assurance maladie c. Vente des biens du ménage d. Hypothèque ou vente de terrain e. D'un ami ou parent f. Emprunt de quelqu'un autre qu'un ami ou un parent g. Autre, spécifiez: _____	Which source of money did you use today to pay the fees for treatment?	a. Savings or regular household budget b. Health Insurance c. Selling household assets d. Mortgaging or selling land e. From a friend or relative f. Borrowed from someone other than friend or family g. Other, specify: _____		NE LISEZ PAS LES OPTIONS À HAUTE VOIX. POUR CHAQUE OPTION, ENREGISTRER "1" SI MENTIONNÉ, ET «2» SI LE PATIENT NE L'A PAS MENTIONNÉ DO NOT READ THE OPTIONS ALOUD. FOR EACH OPTION, WRITE "1" IF THE INTERWIED PERSON MENTIONED IT AND "2" IF NOT
F7_3.21	Êtes-vous/le patient couvert par une assurance maladie?	Oui = 1 Non = 2	Are you/is the patient covered by an insurance scheme?	Yes = 1 No = 2	If 2 ► F7_4.01	
F7_3.22	Quel type d'assurance maladie?	Public = 1 Privé = 2 Mutuelle de santé = 3 Plus d'un type = 4	What type of health insurance?	Public = 1 Private = 2 Mutuale health insurance = 3 More than one type = 4		
F7_3.23	Quels sont les services couverts par ce régime d'assurance-maladie?		Which of the following services are covered by your health insurance scheme?			
F7_3.23_a	a. Consultation de nourrisson sain (y compris vaccination)	Oui = 1 Non = 2	a. Consultation healthy infants (including vaccination)	Yes = 1 No = 2		Lire à haute voix tous les options. Read all the options aloud.
F7_3.23_b	b. Soins aux enfants malades	Oui = 1 Non = 2	b. Care for sick children	Yes = 1 No = 2		
F7_3.23_c	c. Autres consultations externes	Oui = 1 Non = 2	c. Other outpatient consultations	Yes = 1 No = 2		
F7_3.23_d	d. Les soins prénataux pour les femmes enceintes	Oui = 1 Non = 2	d. Prenatal care for pregnant women	Yes = 1 No = 2		
F7_3.23_e	e. Soins d'accouchement pour les femmes enceintes	Oui = 1 Non = 2	e. Delivery care for pregnant women	Yes = 1 No = 2		
F7_3.23_f	f. Les soins post-partum pour les femmes et les nouveau-nés	Oui = 1 Non = 2	f. Postpartum care for women and newborns	Yes = 1 No = 2		
F7_3.23_g	g. Hospitalisations et soins aux patients hospitalisés	Oui = 1 Non = 2	g. Hospitalizations and inpatient care	Yes = 1 No = 2		
F7_3.23_h	h. Autre, préciser: _____	Oui = 1 Non = 2	h. Other, specify: _____	Yes = 1 No = 2		
F7_3.24	Devez-vous payer les éléments suivants avant d'avoir accès aux avantages de votre assurance?		Do you have to payany of the following elements before being able to use the insurance benefits?			
F7_3.24_a	a. Prime ou cotisation à l'inscription	Oui = 1	a. Premium or contribution for inclusion	Yes = 1		Lire à haute voix tous les options. Read all the options aloud.

Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
		Non = 2		No = 2		
F7_3.24_b	b. Frais à chaque visite aux formations sanitaires	Oui = 1 Non = 2	b. Fees for each visit to health facilities	Yes = 1 No = 2		
F7_3.25	Bénéficiez-vous d'un programme spécial vous donnant accès à des soins gratuits ou à une subvention sur les soins ?		Do you benefit of a special program giving you access to free care or a subsidy on care?			
F7_3.25_a	a. Carte pour les nécessiteux/indigents	Oui = 1 Non = 2	a. Card for indigents	Yes = 1 No = 2		
F7_3.25_b	b. Autre programme	Oui = 1 Non = 2	b. Other program	Yes = 1 No = 2		
F7_3.26	Précisez, si 3.25_b = 1		specify if 3.25_b= 1			

	Satisfaction du patient		Patient satisfaction			
	FRENCH		ENGLISH			
Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_4.01	Quelle est la principale raison qui vous a poussé à choisir cette formation sanitaire aujourd'hui et non une autre?	Emplacement proche du domicile = 1 Bas prix = 2 Confiance aux soignants / bonne qualité des soins = 3 Disponibilité des médicaments = 4 Disponibilité des agents de santé = 5 Référence par une autre formation de sanitaire = 6 Recommandation de la famille / ami = 7 Nature de la maladie = 8 Autre, préciser = 97 : _____	What was the main reason you chose this health facility today instead of a different source of care?	Location close to home = 1 Low cost = 2 Trust in the health workers / Good quality of care = 3 Availability of medicines = 4 Availability of the health workers = 5 Referred from another health facility = 6 Recommended by family / friend = 7 Nature of the disease = 8 Other, specify = 97 : _____		NE PAS LIRE LES CHOIX, UNE SEULE RÉPONSE EST PERMISE DO NOT READ CHOICES; ONLY ONE ANSWER IS ALLOWED
F7_4.02	Quelle est la 2ème plus importante raison qui vous a poussé à choisir cette formation sanitaire aujourd'hui et non une autre?	Emplacement proche du domicile = 1 Coût réduit des services = 2 Confiance aux soignants / bonne qualité des soins = 3 Disponibilité des médicaments = 4 Disponibilité des agents de santé = 5 Référence par une autre formation de sanitaire = 6 Recommandation de la famille / ami = 7 Nature de la maladie = 8 Autre, préciser = 97 : _____	What was the next most important reason you chose this health facility today instead of a different source of care?	Location close to home = 1 Low cost = 2 Trust in the health workers / Good quality of care = 3 Availability of medicines = 4 Availability of the health workers = 5 Referred from another health facility = 6 Recommended by family / friend = 7 Nature of the disease = 8 Other, specify = 97 : _____		NE PAS LIRE LES CHOIX, UNE SEULE RÉPONSE EST PERMISE DO NOT READ CHOICES; ONLY ONE ANSWER IS ALLOWED
F7_4.03	Il est pratique de venir de votre maison à la formation sanitaire.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	It is convenient to travel from your house to the health facility.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		Lire chaque déclaration à l'enquête et enregistrer les codes de réponses pour chaque question Read each statement to the respondent and record the response code for each question
F7_4.04	La formation sanitaire est propre	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The health facility is clean.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.05	Le personnel médical est courtois et respectueux	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The health staff are courteous and respectful.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.06	Le personnel médical vous a bien expliqué votre état de santé	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The health workers Clearly explained your health condition.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.07	On trouve facilement les médicaments que les soignants prescrivent.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	It is easy to find the medicines that the health workers prescribe.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.08	Les frais pour cette consultation étaient raisonnables.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The Fees for this consultation were reasonable	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.09	Les frais de laboratoire pendant cette visite étaient raisonnables.	Accord = 1 Ni en accord ni en désaccord = 2	The lab fees of this visit (to the health facility) were reasonable.	Agree = 1 Neither agree nor disagree = 2		

Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
		Désaccord = 3 Non applicable = 9		Disagree = 3 Not applicable = 4		
F7_4.10	Les frais de médicaments pour cette consultation étaient raisonnables.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The medication fees for this consultation were reasonable	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.11	Les frais de transport pour cette consultation étaient raisonnables.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The transport fees for this visit to the health facility were reasonable	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.12	Les soignants ne demandent pas de paiements additionnels en guise de récompense.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The health workers don't ask additional payment as form of present	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.13	Le temps d'attente chez le soignant était raisonnable.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The waiting time you spend to see the health was reasonable	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.14	Vous avez eu assez d'intimité pendant la consultation.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	You had enough privacy during your visit.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.15	L'agent de santé a passé assez de temps avec vous.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The health worker spent sufficient time with you.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.16	Les heures auxquelles la formation sanitaire est ouverte sont adaptées à vos besoins.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	The hours of operation of the health facility meet your needs.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		
F7_4.17	En général, la qualité des services offerts était satisfaisante.	Accord = 1 Ni en accord ni en désaccord = 2 Désaccord = 3 Non applicable = 9	Overall, the quality of provided services was satisfactory.	Agree = 1 Neither agree nor disagree = 2 Disagree = 3 Not applicable = 4		

Questionnaire F7

	Sécurité et confiance		Security and Trust			
	FRENCH		ENGLISH			
Variable name	Question en Français	Réponse en français	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_5.01	Le niveau de sécurité dans la zone ne permet pas aux populations de la communauté d'utiliser les services de santé disponibles.	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	The level of security in the health facility area makes it difficult for people in the community to use available health services.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		Lire chaque déclaration à l'enquête et enregistrer les codes de réponses pour chaque question. Read each statement for the respondent and record the response code for each question.
F7_5.02	Le personnel soignant de cette formation sanitaire est honnête et respecte les patients	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	The medical staff of this health facility is honest and respects the patients.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		
F7_5.03	Les agents de santé dans cette formation sanitaire sont extrêmement consciencieux et prudents.	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	The health workers in this facility are extremely thorough and careful.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		
F7_5.04	Vous faites confiance aux capacités et aptitudes des soignants de cette formation sanitaire.	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	You trust in the skills and abilities of the health workers of this facility.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		
F7_5.05	Vous faites totalement confiance aux décisions du personnel de santé concernant le traitement médical dans cette formation sanitaire.	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	You completely trust the health worker's decisions about the medical treatments in this facility.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		
F7_5.06	Les agents de santé dans cette formation sanitaire sont très accueillants et ouverts	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	The health workers in this facility are very friendly and approachable.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		
F7_5.07	Les personnels de santé dans cette formation sanitaire sont faciles à aborder.	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	The health workers in this facility are easy to deal with.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		
F7_5.08	Les soignants dans cette formation sanitaire s'occupent de votre santé du moins autant que vous, sinon plus.	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	The health workers in this facility care about your health just as much or more than you do.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		
F7_5.09	Le personnel de santé de cette formation sanitaire agit différemment à l'égard des riches et des pauvres.	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	The health workers in this facility have a different attitude towards rich people than toward poor people.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		
F7_5.10	En général, vous faites entièrement confiance aux soignants de cette formation sanitaire.	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3 Non applicable= 9	All in all, you completely trust the health worker in this health facility.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3 Not applicable= 9		

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	Questions relatives au ménage		Questions regarding the household			
	FRENCH		ENGLISH			
Variable name	Question en Français	Réponse en français	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_6.01	Votre famille a-t-elle un terrain ou une maison ?	Oui= 1 Non= 2	Does your household own a property or a house?	Yes= 1 No= 2	If F7_6.01 = 2 ► F6.6.03	
F7_6.02	Si vous devriez vendre votre maison ou terrain, quel montant en F CFA recevriez-vous pour cette vente ?	|||||FCFA	If you want to sell these propeties/house, how much money would you receive for that in F CFA?	|||||FCFA		
F7_6.03	Pour votre maison, quel est le principal matériel utilisé pour les parties suivantes : mur, toit et sol ?		At your place, what is the main material used for the following:			
F7_6.03_a	a. Mur	Banco, brique de terre= 1 Banco amélioré= 2 Brique en ciment ou béton= 3 Pierres= 4 Bois ou bambou= 5 Paille= 6 Tôle= 7 Autre= 97	a. Walls	Banco, clay brick= 1 Improved Banco= 2 Brick cement or concrete= 3 Stones= 4 Wood or bamboo= 5 Straw= 6 Metal sheet= 7 Other= 97		Ne lisez pas les options à haute voix. Notez les réponses pour chaque élément. Do not read the options aloud. Write the answer for each category.
F7_6.03_b	b. Toit	Béton= 1 Tôle= 2 Tuile= 3 Terre battue= 4 Chaume/paille= 5 Autre= 97	b. Roof	Concrete= 1 Metal sheet= 2 Roof tile= 3 Clay= 4 Thatch/straw= 5 Other= 97		
F7_6.03_c	c. Sol	Carreaux= 1 Ciment= 2 Terre battue= 3 Sable, sol naturel= 4 Autre= 97	c. Floor	Tiles= 1 Cement= 2 Clay= 3 Sand, earth= 4 Other= 97		
F7_6.04	Combien de pièces compte votre maison ? COMPTEZ TOUTES LES PIÈCES, SAUF CUISINE, TOILETTE ET SALLES DE BAINS	|||	What is the total number of rooms at your place? Count all the rooms except the kitchen, the W.C. and the bathrooms.	|||		
F7_6.05	Combien de personnes vivent dans votre ménage ?		How many people of the following categories live in your household?			Ecrire le nomre total dans chaque catégorie. Write the total number in each category.
F7_6.05_a	a. Hommes âgés d'au moins 18 ans	|||	a. Men 18 years and older	|||		
F7_6.05_b	b. Femmes âgées d'au moins 18 ans	|||	b. Women 18 years and older	|||		
F7_6.05_c	c. Enfants et adolescents âgés entre 6 et 17 ans	|||	c. Children & adolescents between 6 & 17 years	|||		
F7_6.05_d	d. Enfants âgés de moins de 5 ans	|||	d. Children 5 years and below	|||		
F7_6.05_e	e. Total	|||	e. Total	|||		
F7_6.06	Combien de (bien) votre ménage possède t-il ? Mentionner uniquement les biens qui fonctionnent.		How many of the following assets do you own? Only mention those that are working.			S'il n'y en a aucun, noter zéro et passer à l'actif suivant. If there aren't any, write zero and go to the following item.
F7_6.06_01	1. Radio	|||	1. Radio	|||		
F7_6.06_02	2. Lecteur CD/DVD /Lecteur de cassette	|||	2. CD/DVD or cassette Player	|||		

F7_6.06_03	3. Téléviseur	|||	3. Television	|||		
F7_6.06_04	4. Fer à repasser	|||	4. Smoothing-iron	|||		
F7_6.06_05	5. Fourneau électrique	|||	5. Electric stove	|||		
F7_6.06_06	6. Bouteille de gaz	|||	6. Gaz cylinder	|||		
F7_6.06_07	7. Lampe à pétrole	|||	7. Oil burner	|||		
F7_6.06_08	8. Lit/matelas	|||	8. Bed/matress	|||		
F7_6.06_09	9. Moustiquaires	|||	9. Refrigerator/	|||		
F7_6.06_10	10. Réfrigérateur/congelateur	|||	10. Fridge/freezer	|||		
F7_6.06_11	11. Machine à coudre	|||	11. Sewing machine	|||		
F7_6.06_12	12. Canapé/divan	|||	12. Sofa/Divan	|||		
F7_6.06_13	13. Téléphone portable	|||	13. Mobile phone	|||		
F7_6.06_14	14. Téléphone fixe	|||	14. Fixed phone	|||		
F7_6.06_15	15. Moto	|||	15. Motobike	|||		
F7_6.06_16	16. Bicyclette	|||	16. Bicycle	|||		
F7_6.06_17	17. Camionnette ou voiture	|||	17. Van /car	|||		
F7_6.06_18	18. Brouette/pousse -pousse	|||	18. Rickshaw	|||		
F7_6.06_19	19. Charrue	|||	19. Plow	|||		
F7_6.06_20	20. Charette	|||	20. Wheelbarrows	|||		
F7_6.06_21	21. Houes/herses/haches	|||	21. Hoes / harrows / axes	|||		
F7_6.06_22	22. Groupe électrogène	|||	22. Generator	|||		
F7_6.06_23	23. Panneau solaire	|||	23. Solar panel	|||		
F7_6.06_24	24. Batterie	|||	24. Battery	|||		
F7_6.06_25	25. Foyer amélioré	|||	25. Improved stove	|||		
F7_6.06_26	26. Ordinateur	|||	26. Computer	|||		
F7_6.06_97	97. Autre	|||	97. Other	|||		
F7_6.07	Votre ménage possède combien d'animaux ?		How many of the following animals do you have?			
F7_6.07_01	1. Boeufs	|||	1. Oxen	|||		
F7_6.07_02	2. Chèvres	|||	2. Goats	|||		
F7_6.07_03	3. Moutons	|||	3. Sheeps	|||		
F7_6.07_04	4. Cochons	|||	4. Pigs	|||		
F7_6.07_05	5. Volaille	|||	5. Poultry/fowl	|||		
F7_6.07_06	6. Ane	|||	6. Donkey	|||		
F7_6.07_07	7. Cheval	|||	7. Horse	|||		
F7_6.07_08	8. Autre animaux	|||	8. Other animal	|||		
F7_6.07_spe						

	Agents de santé communautaire		Community Health Worker			
	FRENCH		ENGLISH			
Variable name	Question en Français	Réponse en français	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
F7_7.01	Connaissez-vous un agent de santé communautaire (ASC) dans votre communauté ?	Oui = 1 Non = 2	Do you know of any community health workers(CHW) in your community?	Yes = 1 No = 2	If 2 ►END	
F7_7.02	Avez-vous des agents de santé communautaire de sexe masculin et de sexe féminin dans votre communauté ?	ASC de sexe masculin uniquement = 1 ASC de sexe féminin uniquement = 2 Sexe masculin et féminin = 3	Do you have both male and female Community Health Worker in your community?	Male CHW only = 1 Female CHW only= 2 CHW of both sexe= 3		
F7_7.03	Au cours du dernier mois, avez-vous reçu un service de la part d'un ASC au sein de la formation	Oui = 1 Non = 2	During the past month, did you receive any service from a CHW at the health facility?	Yes = 1 No = 2		
F7_7.04	Au cours du dernier mois, avez-vous reçu un service de la part d'un ASC à votre domicile ?	Oui = 1 Non = 2	During the past month, did you receive any service from a CHW at your house?	Yes = 1 No = 2		
F7_7.05	Au cours du dernier mois, avez-vous reçu un service d'un ASC dans un autre endroit dans la communauté (sensibilisation, case de santé, domicile de l'ASC) ?	Oui = 1 Non = 2	During the past month, have you received any servicefrom the CHW at any other place in the community (health campaign, health center, home of the CHW)?	Yes = 1 No = 2		
F7_7.06	VÉRIFIER LES 3 QUESTIONS PRÉCÉDENTES POUR VOIR SI L'ENQUÊTÉ A UTILISÉ LES SERVICES D'UN ASC LE MOIS DERNIER	Oui = 1 Non = 2	CHECK THE PREVIOUS 3 QUESTIONS TO SEE IF the RESPONDENT HAS USED THE SERVICES OF CHW IN THE LAST MONTH	Yes = 1 No = 2	If 2 ►F7_7.08	
F7_7.07	Quels services l'ASC vous a-t-il offert ?		What services did the CHW provide you?			
F7_7.07_a	a. Fournir les comprimés de fer / d'acide folique	Mentionné = 1 Non mentionné = 2	a . Provide tablets of iron / folic acid	Mentioned = 1 Not mentioned= 2		
F7_7.07_b	b. Fournir le vaccin contre l'anatoxine tétanique (VAT)	Mentionné = 1 Non mentionné = 2	b . Provide the vaccine against tetanus toxoid (TT)	Mentioned = 1 Not mentioned= 2		
F7_7.07_c	c. Fournir les médicaments antipaludiques	Mentionné = 1 Non mentionné = 2	c . Providing antimalarial drugs	Mentioned = 1 Not mentioned= 2		
F7_7.07_d	d. Informations sur les signes alarmants pendant la grossesse	Mentionné = 1 Non mentionné = 2	d . Information about warning signs during pregnancy	Mentioned = 1 Not mentioned= 2		
F7_7.07_e	e. Conseil sur l'allaitement maternel exclusif	Mentionné = 1 Non mentionné = 2	e . Advice regarding exclusive breastfeeding	Mentioned = 1 Not mentioned= 2		
F7_7.07_f	f. Distribution de moustiquaires imprégnées	Mentionné = 1 Non mentionné = 2	f . Distribution of treated mosquito nets	Mentioned = 1 Not mentioned= 2		
F7_7.07_g	g. Référence au centre de santé	Mentionné = 1 Non mentionné = 2	g . Referral to the health center	Mentioned = 1 Not mentioned= 2		
F7_7.07_h	h. Référence au service de soins prénatals	Mentionné = 1 Non mentionné = 2	8 . Referral to antenatal care services	Mentioned = 1 Not mentioned= 2		
F7_7.07_i	i. Référence pour accouchement en institution, à la maternité	Mentionné = 1 Non mentionné = 2	h . Referral for delivery within a health institution, maternity	Mentioned = 1 Not mentioned= 2		
F7_7.07_j	j. Référence au service de soins postnatals	Mentionné = 1 Non mentionné = 2	j. Referral to postnatal care services	Mentioned = 1 Not mentioned= 2		
F7_7.07_k	k. Référence à un service de	Mentionné = 1	k . Referral for voluntary	Mentioned = 1		

Ne lisez pas les options à haute voix. Pour chaque option, noter "1" si mentionné, et "2" si rien n'est indiqué. Do not read the options aloud. For each option write "1" if the option was mentioned and "2" if not.

Variable name	Question en Francais	Réponse en francais	Question in English	Answer in English	Saut/ Jump	Recommendation to the fieldworker
	conseils et tests volontaires VIH/SIDA / de prévention de transmission du VIH/SIDA de la mère et l'enfant	Non mentionné = 2	counseling and testing of HIV / AIDS / prevention of transmission of HIV / AIDS from mother and child	Not mentioned= 2		
F7_7.07_l	l. Référence à un service de vaccination des enfants	Mentionné = 1 Non mentionné = 2	l . Reference to a vaccination service for children	Mentioned = 1 Not mentioned= 2		
F7_7.07_m	m. Conseils sur le planning familial	Mentionné = 1 Non mentionné = 2	m . Advice on family planning	Mentioned = 1 Not mentioned= 2		
F7_7.07_n	n. Surveillance de la croissance de l'enfant / conseils sur la nutrition de l'enfant	Mentionné = 1 Non mentionné = 2	n . Monitoring of child growth / tips on child nutrition	Mentioned = 1 Not mentioned= 2		
F7_7.07_o	o. Conseils sur l'eau et les règles sanitaires	Mentionné = 1 Non mentionné = 2	o . Tips on water and sanitation rules	Mentioned = 1 Not mentioned= 2		
F7_7.07_p	p. Sessions d'Information, d'Éducation et de Communication portant sur d'autres sujets liés à la santé	Mentionné = 1 Non mentionné = 2	p . Informative sessions, Education and Communication sessions on other topics related to health	Mentioned = 1 Not mentioned= 2		
F7_7.07_q	q. Distribution des anti-pyretiques	Mentionné = 1 Non mentionné = 2	q . Distribution of anti-pyretic	Mentioned = 1 Not mentioned= 2		
F7_7.07_r	r. Autre	Mentionné = 1 Non mentionné = 2	r . other	Mentioned = 1 Not mentioned= 2		
F7_7.07_spec	Spécifiez		specify			
F7_7.08	Maintenant je vais vous lire deux déclarations en rapport avec le travail effectué par les agents de santé communautaire. Veuillez dire si vous êtes d'accord ou pas avec chaque déclaration.		I'm going to read you two statements in relation to work done by the Community Health workers. Please indicate if you agree, neither agree nor disagree, or disagree with each statement.			
F7_7.08_a	a. Les Agents de santé communautaire rendent des services précieux dans ma communauté	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3	a. Community Health Workers provide a valuable service in my community.	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3		
F7_7.08_b	b. Les Agents de santé communautaire offrent des services de bonne qualité dans ma communauté	Accord = 1 Ni en accord, ni en désaccord= 2 Désaccord= 3	b. Community Health Worker(s) provide good quality service in my community	Agree = 1 Neither agree, nor disagree= 2 Disagree= 3		
F7_comtaire	Commentaires de l'enquêteur à propos de l'entrevue		Comments of the investigator about the interview			

Questionnaire F8: Agents de santé communautaire

	Couverture		Cover Page			
	FRENCH		ENGLISH			
Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_se	SECTION D'ENUMERATION		ENUMERATION SECTION			
f8_id1	NUMÉRO DU QUESTIONNAIRE (Réservé à la Saisie)		NUMBER OF QUESTIONNAIR (Reserved Entering)			
f8_reg	Région:		Region			
f8_ze	Zone d'étude		Study Area			
f8_dist	District de Santé		District of healh facility			
8_commune	Commune		Community			
f8_vil	Village / quartier		Village / Neighborhood			
f8_niv	Niveau de la Formation sanitaire:	HÔPITAL RÉGIONAL=1, HOPITAL DE DISTRICT/CMA=2, CENTRE MEDICAL=3, CSPS=4, DISPENSAIRE OU MATERNITE ISOLE=5, FORMATION SANITAIRE PRIVEE A BUT LUCRATIF=6, FORMATION SANITAIRE PRIVEE CONFESIONNELLE=7.	Level of Health Facility	REGIONAL HOSPITAL=1, DISTRICT Hospital=2, MEDICAL CENTER=3, CSPS=4, DISPENSARY MATERNITY UNIT=5,PRIVATE FOR PROFIT HEALTH FACILITY=6, PRIVATE RELIGIOUS HEALTH FACILITY=7.		
f8_fosa	NOM DE LA FORMATION SANTAIRE		NAME OF HEALTH FACILITY			
f8_codfosa	CODE DE LA FORMATION SANITAIRE		CODE OF HEALTH FACILITY			
f8_latitude	LATITUDE (NORD)		LATITUDE (NORTH)			
f8_longitude	LONGITUDE (EST)		LONGITUDE (EAST)			
f8_empl	EMPLACEMENT	URBAN=1, RURAL=2.	LOCATION	URBAN=1, RURAL=2.		
f8_codenq	CODE ENQUETEUR		INTERVIEWER CODE			
f8_Ddatevis	Date visite		Visit Date			
f8_result	Questionnaire (cette partie doit être remplie à l'issu de l'interview)	ENTIEREMENT REMPLI=1, PARTIELLEMENTREMPLE=2, LE RESPONSABLE A REFUSÉ L'ENTREVUE=3, LE RESPONSABLE EST ABSENT (LE PERSONNEL PRESENT N'EST PAS AUTORISÉ)=4, LA FORMATION SANITAIRE EST VIDE (AUCUN MEMBRE DU PERSONNEL N'EST PRESENT)=5, AUTRE, PRÉCISER=7.	Questinnnaire (this section must be completed at the end of the interview)	FULLY COMPLETED = 1, PARTIALY COMPLETED = 2, THE MANAGER REFUSED THE INTERVIEW = 3, THE MANAGER RESPONSIBLE IS ABSENT (STAFF AVAILABLE IS NOT AUTHORIZED TO RESPOND) = 4, THE HEALTH FACILITY IS EMPTY (NO STAFF IS PRESENT) = 5, OTHER, SPECIFY = 7 .		
f8_const	CONSENTEMENT ECLAIRE, A RECUEILLIR AVANT LE DEBUT DE L'OBSERVATION	OUI=1, NON=2.	CONSENT, TO COLLECTED BEFORE THE BEGINNING OF OBSERVATION	YES=1, NO=2.		
f8_codesup	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Code)		CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Code)			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_datesup	VERIFICATION DU QUESTIONNAIRE PAR LE SUPERVISEUR (Date)	JOUR/MOIS/ANNÉE	CHECKING THE QUESTIONNAIRE BY SUPERVISOR (Date)	DAY/MONTH/YEAR		
f8_codops	OPERATEUR DE SAISIE DE DONNEES (Code)		DATA ENTRY OPERATOR (Code)			
f8_datesaisie	OPERATEUR DE SAISIE DE DONNEES (Date)	JOUR/MOIS/ANNÉE	DATA ENTRY OPERATOR (Date)	DAY/MONTH/YEAR		
f8_101	Quel est votre nom s'il vous plaît?		What is your first and last name?			
f8_102	SEXE	Homme = 1, Femme = 2	Sex	Male = 1, Female = 2		
f8_103	Quel âge avez-vous?	Ans	How old are you?			
f8_104	Quel est votre statut matrimonial?	Célibataire = 1, Marié/union libre = 2, Veuf = 3, Divorcé / séparé = 4	What is your marital status	Single = 1, Married / cohabitation = 2, Widowed = 3, Divorced / Separated = 4	if f8_104 = 1, 3 ou 4 ► 1.06	
f8_105	Est ce que vous vivez avec votre conjoint (e)?	Oui = 1. Non = 2	Are you living with your spouse?	Yes = 1, No = 2		
f8_106	Avez-vous des enfants?	Oui = 1. Non = 2	Do you have children?	Yes = 1, No = 2	If f8_106 = 2 ► 1.08	
f8_107	Combien d'enfants d'âge scolaire vivent avec vous?		How many school-age children are living with you?			
f8_108	Êtes-vous né dans cette localité?	Oui = 1. Non = 2	Are born in this locality/place	Yes = 1, No = 2		
f8_109	Si non, depuis combien d'années y vivez-vous ?	Ecrire le nombre d'années	If not, since how many years do you live here?			
f8_110	Quelle est votre religion ?	Aucun =1, Catholique = 2, Protestant = 3, Musulman = 4, Animiste/Traditionnel = 5, Autre = 97	What is your religion?	None = 1, Catholic =2, Protestant = 3, Muslim = 4, Animist / Traditional = 5, Other = 97	If f8_108 = 1 ► 1.10	
f8_111	Spécifiez		Specify			
f8_112	Quel est votre ethnie ?	Mossi = 1,, autre ethnie locale = 15, autre nationalités = 16	What is your ethnicity?	Mossi = 1, .....other local ethnicity = 15, other nationality = 16		
f8_113	Quelles langues parlez-vous ?	Mooré = 1, Dioula = 2,, autre langue locale = 15, Français = 16	Which language do you speak?	Mooré = 1, .....other locale language = 15, French = 16		4 réponses possibles / 4 answers are possible
f8_114	Quel est votre niveau d'études le plus élevé?	Aucun = 1, Primaire = 2, Secondaire 1ere cycle = 3, Secondaire 2nd cycle = 4, Supérieur et plus = 5	What is the highest level of education you reached?	None=1, Elementary=2, Middle school=3, High school = 4, higher education = 5	if f8_114 = 1 ► 1.16	
f8_115	Combien de classes avez-vous franchi à ce niveau ?	NOMBRE DE CLASSES FRANCHIES A CE NIVEAU	How many years have you completed at this level?	Number of completed years at this level		
f8_116	Avez-vous déjà suivi un cours d'alphabétisation ?	Oui = 1. Non = 2	Have you already attended any literacy course?	Yes=1. No=2		
f8_117	Savez-vous lire et écrire ?	Oui = 1. Non = 2	Do you know how to read and write?	Yes=1. No=2		
f8_118	Dans quelles langues savez-vous lire et écrire ?	Français = 1, Mooré = 2, Dioula = 3, Plus d'une = 4, Autre = 7	which languages can you read and write?	French =1, Mooré=2, Dioula=3, More than one=4, Other=7		
f8_118_spec		Préciser		Specify		
f8_119	Pendant combien d'année(s) ou de mois avez-vous travaillé comme agent de santé communautaire pour ce CSPS ?		For how many years have you been working as a Community Health Worker (CHW) in this CSPS?			enregistrer le nb. d'années et de mois. Si le nb est moins d'1 an: Enregistrer "00" pr les années et insérer le nb. de mois / Record the nb of years and months. If the nb is small than 1 year: Register "00" for the years and insert the nb of months.
f8_119_aa	a. Ans		a. Years			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_119_b	b. Mois		b. Months			
f8_120	Exercez-vous d'autres activités?	Oui = 1. Non = 2	Do you practice any other job/activity?	Yes=1. No=2	If f8_120 = 2 ► 1.24	
f8_121	Lesquelles ?	Agriculture = 1, Elevage = 2, Agriculture et élevage = 3, Pêche = 4, Petite commerce = 5, Autre = 7	What are they?	Agriculture=1, Breeding=2, Agriculture & breeding=3, Fishing=4, small business=5, other=7		
f8_122	Précisez		Specify			
f8_123	Quel est votre situation dans cette activité ?	Employé(e) Salarié(e) = 1, .....travailleur familial apportant sa contribution = 5	What is your position within this activity?	Employee wage earner= 1, Family worker making a contribution= 5		
f8_124	Qui vous a choisi comme ASC ?	Infirmier chef de poste = 1, Chef de village/autorité traditionnelle = 2, Communauté = 3, COGES = 4, Maire du village/autorité administrative = 5, Médecin chef de district = 6, Autre = 7	Who chose you as a CHW?	The Nurse in charge =1, Chief of the village/traditional authority= 2, The community= 3, COGES= 4, The mayor of the village/administrative authority= 5, The chief medical doctor of the district= 6, Other=7		
f8_125	Précisez		Specify			
f8_126	Quel est votre rôle en tant qu'ASC ?		What is your role as a CHW?			
f8_126_1	1. Sensibilisation	Oui = 1. Non = 2	1. Sensibilisation	Yes=1. No=2		
f8_126_2	2. Soins aux malades	Oui = 1. Non = 2	2. Patients care	Yes=1. No=2		
f8_126_3	3. Vente/distribution de médicaments	Oui = 1. Non = 2	3. Sales/distribution of drugs	Yes=1. No=2		
f8_126_4	4. Accompagner les populations vers les centres de santé	Oui = 1. Non = 2	4. Escort the people to the different CSPS	Yes=1. No=2		
f8_126_5	5. Conseiller les femmes enceintes	Oui = 1. Non = 2	5. Give counseling to the pregnant women	Yes=1. No=2		
f8_126_6	6. Distribution de moustiquaires imprégnées d'insecticide	Oui = 1. Non = 2	6. Distribution of ITN	Yes=1. No=2		
f8_126_7	7. Autre	Oui = 1. Non = 2	7. Other	Yes=1. No=2		
f8_127	Précisez		Specify			
f8_128	Combien de temps en minutes vous faut-il pour vous rendre à votre CSPS de référence ? Inscrivez la durée pour un aller simple		How long does it take you, in minutes, to reach your CSPS of reference? Consider the time for a one-way trip			
f8_129	Quel moyen de transport utilisez-vous le plus souvent pour vous y rendre SEUL ?	A pieds = 1,, Autre = 11	What mean of transportation do you use to get to your CSPS when you are on your own?	on foot= 1,, Other= 11		
f8_130	Quel moyen de transport utilisez-vous le plus souvent pour vous y rendre AVEC UN MALADE ?	A pieds = 1,, Autre = 11	What mean of transportation do you usually use to get to the CSPS when you are escorting a patient?	on foot,, Other= 11		
f8_131	Au cours des 7 derniers jours, pendant combien d'heures n'avez-vous eu accès à aucun moyen de transport ?	168 HEURES MAXIMUM	In the last 7 days, how many hours did you spend without having any mean of transportation?	168 HOURS MAXIMUM		168 HEURES MAXIMUM / 168 HOURS MAXIMUM

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_201	Pour chaque sujet mentionné, j'aimerais savoir la date la plus récente à laquelle vous avez reçu une formation :	LIRE CHAQUE OPTION A HAUTE VOIX, Pour chacune des options, inscrire "1" si la formation a eu lieu ya de cela moins d'1 an, "2" si elle a eu lieu ya plus d'1 an, et "3" si l'ASC n'a pas suivi de formation ds ce domaine. Insrire "1"; "2"; "3" ou "AUTRES" si autres formations preciser lesquelles..	I would like you to tell me the latest date on which you've received training on each of the topics mentioned below:	READ EACH OPTION ALOUD. For each option, register: " 1 " when the training was held LESS than 1 YEAR ago, " 2 " when it was held MORE than 1 YEAR ago, & " 3 " when the CHW did NOT receive ANY training in regards to the specific topic. Register " 1 ", " 2 " OR " 3 ". FOR "OTHER TRAININGS" SPECIFY WHAT THE TRAINING WAS ABOUT.		
f8_201_a	a. Prise en charge intégrée des maladies de l'enfant (PCIME) ou maladies infantiles (infections respiratoires aigües, diarrhée, fièvre)	Formation il y a moins d'1 an = 1, Formation il y a plus d'1 an = 2, Pas de formation = 3	a. Integrated Management of Childhood Illnesses (IMCI) or childhood illnesses (acute respiratory infections, diarrhea, fever)	Training held less than 1 year= 1, Training held more than 1 year= 2, No trainings= 3		
f8_201_b	b. Planification familiale		b. Family Planing			
f8_201_c	c. Soins prénatals et postnatals		c. Antenatal & Postnatal Care			
f8_201_d	d. Envoi des femmes enceintes à l'établissement de santé pour l'accouchement ou en cas de signaux d'alerte pendant la grossesse		d. Referring pregnant women to the health facility for delivery or in case of alerting signs during the pregnancy			
f8_201_e	e. Accouchement à domicile		e. Deliveries at Home			
f8_201_f	f. Soins aux nouveau-nés		f. Care of Newborns			
f8_201_g	g. Tuberculose		g. Tuberculosis			
f8_201_h	h. Vaccinations		h. Vaccinations			
f8_201_i	i. Paludisme		i. Malaria			
f8_201_j	j. Nutrition de l'enfant		j. Child Nutrition			
f8_201_k	k. Nutrition de la mère		k. Maternal Nutrition			
f8_201_l	l. Assainissement et hygiène domestique		l. Sanitation and domestic hygiene			
f8_201_m	m. Santé mentale		m. Mental Health			
f8_201_n	n. Handicaps		n. Handicaps			
f8_201_o	o. VIH/sida		o. HIV/AIDS			
f8_201_p	p. Collecte / gestion de données		p. Data Collection/Management			
f8_201_q	q. Technologies mobiles		q. Mobile Technology			
f8_201_r	r. Autre		r. Other Training			
f8_202	Précisez :		Specify:			
f8_203	Qui vous a principalement donné ces formations ?	Infirmier chef de poste = 1, Sage-femme/Maieuticien = 2,, Autre = 97	Initially, who delivered the training?	Nurse in charge=1 , Midwife (male/female)=2,, Other=97		
f8_204	Préciser		Specify			Précisez si 2,04 est réponse 7 ou 97
f8_205	Y a-t-il des besoins en formation que vous estimez nécessaires pour votre travail actuel?	Oui = 1, Non = 2	Are there any trainings which you consider essential for your current job?	Yes= 1, No= 2		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_206	De quelle formation supplémentaire avez-vous besoin pour votre travail actuel?		What are the additional training which you need for your current job?			NE PAS LIRE CHAQUE OPTION A HAUTE VOIX POUR CHAQUE OPTION, INSCRIRE "1" SI MENTIONNÉ, ET «2» SI RIEN N'EST INDIQUÉ / DON'T READ THE OPTIONS ALOUD, REGISTER "1" IF MENTIONNED, & "2" IF NOT
f8_206_a	a. Prise en charge intégrée des maladies de l'enfant (PCIME) ou maladies infantiles (infections respiratoires aiguës, diarrhée, fièvre)	Oui = 1, Non = 2	a. Integrated Management of Childhood Illnesses (IMCI) or childhood illnesses (acute respiratory infections, diarrhea, fever)	Yes= 1, No= 2		
f8_206_b	b. Planification familiale	Oui = 1, Non = 2	b. Family Planing	Yes= 1, No= 2		
f8_206_c	c. Soins prénatals et postnatals	Oui = 1, Non = 2	c. Antenatal & Postnatal Care	Yes= 1, No= 2		
f8_206_d	d. Envoi des femmes enceintes à l'établissement de santé pour l'accouchement ou en cas de signes d'alerte pendant la grossesse	Oui = 1, Non = 2	d. Referring pregnant women to the health facility for delivery or in case of alerting signs during the pregnancy	Yes= 1, No= 2		
f8_206_e	e. Accouchement à domicile	Oui = 1, Non = 2	e. Deliveries at Home	Yes= 1, No= 2		
f8_206_f	f. Soins aux nouveau-nés	Oui = 1, Non = 2	f. Care of Newborns	Yes= 1, No= 2		
f8_206_g	g. Tuberculose	Oui = 1, Non = 2	g. Tuberculosis	Yes= 1, No= 2		
f8_206_h	h. Vaccinations	Oui = 1, Non = 2	h. Vaccinations	Yes= 1, No= 2		
f8_206_i	i. Paludisme	Oui = 1, Non = 2	i. Malaria	Yes= 1, No= 2		
f8_206_j	j. Nutrition de l'enfant	Oui = 1, Non = 2	j. Child Nutrition	Yes= 1, No= 2		
f8_206_k	k. Nutrition de la mère	Oui = 1, Non = 2	k. Maternal Nutrition	Yes= 1, No= 2		
f8_206_l	l. Assainissement et hygiène domestique	Oui = 1, Non = 2	l. Sanitation and domestic hygiene	Yes= 1, No= 2		
f8_206_m	m. Santé mentale	Oui = 1, Non = 2	m. Mental Health	Yes= 1, No= 2		
f8_206_n	n. Handicaps	Oui = 1, Non = 2	n. Handicaps	Yes= 1, No= 2		
f8_206_o	o. VIH/sida	Oui = 1, Non = 2	o. HIV/AIDS	Yes= 1, No= 2		
f8_206_p	p. Collecte / gestion de données	Oui = 1, Non = 2	p. Data Collection/Management	Yes= 1, No= 2		
f8_206_q	q. Technologies mobiles	Oui = 1, Non = 2	q. Mobile Technology	Yes= 1, No= 2		
f8_206_r	r. Autre, préciser :	Oui = 1, Non = 2	r. Other Training, specify:	Yes= 1, No= 2		
f8_207	Précisez :		Specify:			
f8_301	Combien de villages font partie de votre zone de responsabilité ?	Ecrire le nombre	How many villages are considered within your area of responsibility?	Write the number		(Notez 01 s' il s'agit seulement du village de l'ASC) / Register 1 if the CHW is ONLY responsible of his/her own village
f8_302	Combien de ménages font partie de votre zone de reponsabilité ?	1 à 50 = 1, 51 à 100 = 2, 101 à 500 = 3, 501 à 1000 = 4, Plus de 1000 = 5	How many households are considered within your area of responsibility?	1 to 50= 1, 51 to 100= 2, 101 to 500= 3, 501 to 1000= 4, More than 1000= 5		Enquêteur : demandez le nombre exact et cochez en fonction de la réponse donnée / Interviewer: Ask about the exact number & check the box in accordance to the answer you get

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_303	À combien de foyers avez-vous rendu visite le mois dernier ?	NOMBRE DE FOYERS	How many households(HH) did you visit last month?	Number of HH		ENQUÊTEUR: VEUILLEZ NOTER 98 SI L'ASC NE SAIT PAS / Investigator: Please register 98 when the CHW doesn't know the answer
f8_304	Où les patients/personnes de la communauté vous retrouvent-ils pour des soins ou des conseils ?	A mon domicile = 1, Au CSPS = 2, Dans une case/lieu spécifique pour les soins dans la communauté = 3, Au domicile du malade = 4, Autre = 5	Where can the patients/people of the community find you to receive care/for advice?	At my place= 1, At the CSPS= 2, In a specific location designated for care in the community= 3, At the patient's home= 4, Other= 5.		
f8_305	Précisez :		Specify:			
f8_306	Combien de temps en minutes vous faut-il pour vous rendre de votre village au village le plus éloigné de votre aire de responsabilité ?		How many minutes do you need from your village to reach the furthest village which falls under your area of responsibility?			ENQUÊTEUR: VEUILLEZ NOTER LA DUREE POUR UN ALLER SIMPLE; 98 SI NON APPLICABLE / INTERVIEWER: PLEASE INDICATE THE TIME NEEDED FOR A ONE-WAY TRIP; REGISTER 98 WHEN IT'S NOT APPLICABLE
f8_307	Avez-vous des horaires de travail spécifiques ?	Oui = 1, Non = 2	Do you have a set working scheduel?	Yes= 1, No= 2.	if f8_307 = 2 ► 3,09	
f8_308	Si oui, dites nous combien d'heures vous travaillez par jour pour chacun des jours suivants ?		If yes, tell us how many hours do you work for each of the following days.			
f8_308_a	a. Lundi		a. Monday			
f8_308_b	b. Mardi		b. Tuesday			
f8_308_c	c. Mercredi		c. Wednesday			
f8_308_d	d. Jeudi		d. Thursday			
f8_308_e	e. Vendredi		e. Friday			
f8_308_f	f. Week-end et jours fériés		f. Weekend and holidays			
f8_309	A combien d'heures en moyenne par semaine estimez-vous votre travail ?		On average, how many hours per week do you estimate working?			
f8_309_a	a. En saison sèche		a. During the druy season			
f8_309_b	b. En saison des pluies		b. During the rainy season			
f8_310	Organisez-vous des causeries, réunions de sensibilisation, IEC dans la communauté ?	Oui = 1, Non = 2	Do you organize talks, awareness meetings, IEC for the community?	Yes= 1, No= 2.		
f8_311	Où organisez-vous des causeries, réunions de sensibilisation, IEC dans la communauté ?	A mon domicile = 1, Au CSPS = 2, Dans une case/lieu spécifique pour les soins dans la communauté = 3, Lieu central dans le village/arbre à palabres = 4, Autre = 5	Where do you hold these talks, awareness meetings, and IEC?	At my place= 1, At the CSPS= 2, In a specific location designated for care in the community= 3, Central location in the village/ Palavar tree= 4, Other= 5.		
f8_312	Précisez		Specify:			
f8_313	Combien de causeries avez-vous organisé au cours du dernier mois ?	NOMBRE DE CAUSERIES	How many talks did you organize in the last month?	Number of talks		
f8_314	Combien d'enfants malades avez-vous accompagné au CSPS pour des soins au cours du dernier mois ?	NOMBRE DE MALADES ACCOMPAGNES	How many sick child did you escort to receive care at the CSPS in the last month?	Number of sick children escorted to the CSPS		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_315	Combien de femmes avez-vous accompagné au CSPS pour des consultations prénatales au cours du dernier mois ?	NOMBRE DE FEMMES ENCEINTES ACCOMPAGNEES POUR CPN	How many woman did you escort to have a prenatal care at the CSPS in the last month?	Number of pregnant women escorted to the CSPS		
f8_316	Combien de femmes avez-vous accompagné au CSPS pour un accouchement au cours du dernier mois ?	NOMBRE DE FEMMES ACCOMPAGNEES POUR ACCOUCHEMENT	How many woman did you escort to deliver at the CSPS in the last month?	Number of pregnant women escorted to the CSPS for delivery		
f8_317	Combien de patients avez-vous reçu au cours du dernier mois pour des soins ?		How many patients who needed care have you received in the last month?			
f8_317_a	a. Nombre d'enfants malades		a. Number of ill children			
f8_317_b	b. Nombre d'adultes en cas de maladie ou de blessure		b. Number of adults having an illness or an injury			
f8_318	Combien de patients avez-vous reçu au cours du dernier mois pour des conseils ?		How many patients who needed advice have you received in the last month?			
f8_318_a	a. Conseils pour des enfants sains		a. Advice for healthy children			
f8_318_b	b. Conseil pour des enfants malades		b. Advice for ill children			
f8_318_c	c. Conseil pour des femmes enceintes		c. Advice for pregnant women			
f8_318_d	d. Conseils pour des adultes en cas de maladie ou de blessure		d. Advice for adults in case of a disease or an injury			
f8_318_e	e. Conseils pour des adultes sains		e. Advice for healthy adults			
f8_319	Y a-t-il des accoucheuses traditionnelles dans votre village ?	Oui = 1, Non = 2	Are there any traditional birth attendants in your sector?	Yes= 1, No= 2.		
f8_320	Travaillez-vous en collaboration avec des accoucheuses traditionnelles dans votre secteur ?	Oui = 1, Non = 2	Do you collaborate with the traditional birth attendants of your sector?	Yes= 1, No= 2.		
f8_321	A quelle fréquence rencontrez-vous les accoucheuses traditionnelles ?	Réunion par semaine = 1, Réunion chaque deux semaines = 2, Réunion mensuelle = 3, Réunion trimestrielle = 4, Pas de rencontre = 5	How frequently do you meet with the traditional birth attendants?	1 meeting/week= 1, 1 meeting/ 2 weeks= 2, 1 meeting monthly= 3, 1 meeting every 3 month= 4, No meetings= 5.		
f8_322	Travaillez-vous en collaboration avec le autres ASC ?	Oui = 1, Non = 2	Do you collaborate with the other CHW?	Yes= 1, No= 2.	if f8_321 = 2 ► 3,24	
f8_323	A quelle fréquence rencontrez-vous les autres ASC ?	Réunion par semaine = 1, Réunion chaque deux semaines = 2, Réunion mensuelle = 3, Réunion trimestrielle = 4, Pas de rencontre = 5	How frequently do you meet with the other CHW?	1 meeting/week= 1, 1 meeting/ 2 weeks= 2, 1 meeting monthly= 3, 1 meeting every 3 month= 4, No meetings= 5.	if f8_323 = 2 ► 3,26	
f8_324	Travaillez-vous en collaboration avec le CSPS ?	Oui = 1, Non = 2	Do you collaborate with the CSPS?	Yes= 1, No= 2.		
f8_325	A quelle fréquence rencontrez-vous l'équipe du CSPS ?	En cas de besoin = 1, Réunion par semaine = 2, Réunion chaque deux semaines = 3, Réunion mensuelle = 4, Réunion trimestrielle = 5, Pas de rencontre = 6	How frequently do you meet with the team of the CSPS?	When needed= 1, 1 meeting/week= 2, 1 meeting/ 2 weeks= 3, 1 meeting monthly= 4, 1 meeting every 3 month= 5, No meetings= 6.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_326	Parmi les services suivants, lesquels avez-vous fournis au cours des 3 derniers mois ?		Which of the following services have you delivered in the last 3 months?			ENQUÊTEUR : LIRE À HAUTE VOIX TOUTES LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" SI LE SERVICE A ÉTÉ FOURNI, SINON "2" / INTERVIEWER: Read aloud all the answers. For each answer, write "1" if the service has been delivered, if not then write "2"
f8_326_a	a. Soigner des enfants malades		a. Treating sick children			
f8_326_b	b. Envoyer des enfants très malades se faire soigner dans un établissement de santé		b. Referring severely ill children to the health facility for treatment			
f8_326_c	c. Envoyer des enfants se faire vacciner		c. Referring children for vaccination			
f8_326_d	d. Participer à une campagne de vaccination sur le terrain		d. Taking part on the field in a vaccination campaign			
f8_326_e	e. Donner des consultations à des adultes		e. Providing consultation services for adults			
f8_326_f	f. Indiquer des méthodes d'espacement des naissances (en dehors des préservatifs)		f. Indicating birth spacing methods (beside condoms)			
f8_326_g	g. Donner des comprimés de fer et des conseils nutritionnels aux femmes enceintes		g. Giving pregnant women Iron tablets and nutritional advice			
f8_326_h	h. Envoyer des femmes enceintes à des consultations prénatales ou se faire vacciner contre le tétanos		h. Referring pregnant women for antenatal consultation or tetanus vaccination			
f8_326_i	i. Superviser des accouchements à domicile		i. Supervising deliveries happening at home			
f8_326_k	j. Envoyer des femmes enceintes consulter en cas de signaux d'alerte		j. Referring pregnant women for consultation when having alarming signs			
f8_326_k	k. Dispenser des soins postnatals		k. Delivering postnatal care			
f8_326_l	l. Dispenser des soins à des nouveau-nés		l. Delivering care for newborns			
f8_326_m	m. Envoyer des femmes enceintes accoucher en milieu médical		m. Referring pregnant women to deliver in medical centers			
f8_326_n	n. Superviser un traitement sous surveillance directe contre la tuberculose		n. Supervising antituberculosis treatment			
f8_326_o	o. Soigner contre le paludisme		o. Treating malaria			
f8_326_p	p. Distribuer des moustiquaires		p. Distributing ITN			
f8_326_q	q. Dispenser des conseils et envoyer consulter pour des problèmes de santé mentale		q. Offering advices and referring patients with mental issues for consultation			
f8_326_r	r. Dispenser des conseils et envoyer consulter pour des problèmes d'handicaps		r. Offering advices and referring patients with handicaps for consultation			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_326_s	s. Fournir des services d'éducation sanitaire		s. Providing health education			
f8_326_t	t. Distribuer des préservatifs		t. Distribution of condoms			
f8_326_u	u. Distribuer de la vitamine A à des enfants âgés de 6 à 59 mois et/ou à des mères allaitantes		u. Distribution of vit A to infants between 6 and 59 months and/or the breast feeding mothers			
f8_326_v	v. Distribuer une solution de désinfection de l'eau (type SurEau)		v. Distribution of a water desinfectant (SurEau type)			
f8_326_w	w. Autre, préciser :		w. Other, specify:			
f8_326_wspec	Préciser :		Specify:			
f8_401	Au cours des 12 derniers mois, un centre de santé vous a-t-il apporté un appui dans les domaines suivants ?		During the last 12 months, did you receive any support from any health center in the following areas?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON. / Investigator: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_401_a	a. Paiements pour les services de santé que vous avez assurés	Oui = 1, Non = 2	a. Payments for the health services that you provided	Yes= 1, No= 2.		
f8_401_b	b. Paiements en fonction de vos performances en tant qu'agent de santé communautaire	Oui = 1, Non = 2	b. Payments based on your performance as a CHW	Yes= 1, No= 2.		
f8_401_c	c. Aide directe (ex. : terrain, fournitures, matériel)	Oui = 1, Non = 2	c. Direct assistance (e.g.: field, supplies, materials)	Yes= 1, No= 2.		
f8_401_d	d. Mobilisation de la population pour l'encourager à utiliser les services de santé	Oui = 1, Non = 2	d. Mobilizing the populations to encourage them to use health services	Yes= 1, No= 2.		
f8_401_e	e. Promotion de programmes sanitaires	Oui = 1, Non = 2	e. Health program promotion	Yes= 1, No= 2.		
f8_401_f	f. Manifestations d'appréciation / reconnaissance du travail	Oui = 1, Non = 2	f. Expressions of appreciation / recognition of the work	Yes= 1, No= 2.		
f8_401_g	g. Vérification des rapports d'activité de l'agent de santé communautaire, supervision	Oui = 1, Non = 2	g. Verification of the activity reports of the CHW, supervision	Yes= 1, No= 2.		
f8_401_h	h. Contributions en nature (ex. : nourriture, vêtements, cadeaux)	Oui = 1, Non = 2	h. Non-monetary contributions (e.g.: food, clothing, gifts)	Yes= 1, No= 2.		
f8_401_i	i. Formation ou instructions relatives à des services de santé	Oui = 1, Non = 2	i. Trainings or instructions related to health services	Yes= 1, No= 2.		
f8_401_j	j. Formation ou instructions relatives à des aspects administratifs et aux rapports d'activités	Oui = 1, Non = 2	j. Trainings or instructions regarding administrative aspect and activity reports	Yes= 1, No= 2.		
f8_401_k	k. Assistance générale	Oui = 1, Non = 2	k. General assistance	Yes= 1, No= 2.		
f8_401_l	l. Discussion sur les performances de l'agent de santé communautaire	Oui = 1, Non = 2	l. Discussions over the CHW performance	Yes= 1, No= 2.		
f8_401_m	m. Transport (ex. : vélo, bon de transport)	Oui = 1, Non = 2	m. Transportation (e.g.: bicycle, travel voucher)	Yes= 1, No= 2.		
f8_401_n	n. Accès à des technologies mobiles (téléphone ou autre appareil portable)	Oui = 1, Non = 2	n. Access to mobile technologies (telephone or other portable device)	Yes= 1, No= 2.		
f8_401_o	o. Autre	Oui = 1, Non = 2	o. Other	Yes= 1, No= 2.		
f8_401_spec	Précisez :		Specify:			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_402	Au cours des 12 derniers mois, les autorités gouvernementales vous ont-elles apporté un appui dans les domaines suivants ?		During the last 12 months, did any of the governmental authorities provide you with support on any of the following areas?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON. / Investigator: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_402_a	a. Paiements pour les services de santé que vous avez assurés	Oui = 1, Non = 2	a. Payments for the health services that you provided	Yes= 1, No= 2.		
f8_402_b	b. Paiements en fonction de vos performances en tant qu'agent de santé communautaire	Oui = 1, Non = 2	b. Payments based on your performance as a CHW	Yes= 1, No= 2.		
f8_402_c	c. Aide directe (ex. : terrain, fournitures, matériel)	Oui = 1, Non = 2	c. Direct assistance (e.g.: field, supplies, materials)	Yes= 1, No= 2.		
f8_402_d	d. Mobilisation de la population pour l'encourager à utiliser les services de santé	Oui = 1, Non = 2	d. Mobilizing the populations to encourage them to use health services	Yes= 1, No= 2.		
f8_402_e	e. Promotion de programmes sanitaires	Oui = 1, Non = 2	e. Health program promotion	Yes= 1, No= 2.		
f8_402_f	f. Manifestations d'appréciation / reconnaissance du travail	Oui = 1, Non = 2	f. Expressions of appreciation / recognition of the work	Yes= 1, No= 2.		
f8_402_g	g. Vérification des rapports d'activité de l'agent de santé communautaire, supervision	Oui = 1, Non = 2	g. Verification of the activity reports of the CHW, supervision	Yes= 1, No= 2.		
f8_402_h	h. Contributions en nature (ex. : nourriture, vêtements, cadeaux)	Oui = 1, Non = 2	h. Non-monetary contributions (e.g.: food, clothing, gifts)	Yes= 1, No= 2.		
f8_402_i	i. Formation ou instructions relatives à des services de santé	Oui = 1, Non = 2	i. Trainings or instructions related to health services	Yes= 1, No= 2.		
f8_402_j	j. Formation ou instructions relatives à des aspects administratifs et aux rapports d'activités	Oui = 1, Non = 2	j. Trainings or instructions regarding administrative aspect and activity reports	Yes= 1, No= 2.		
f8_402_k	k. Assistance générale	Oui = 1, Non = 2	k. General assistance	Yes= 1, No= 2.		
f8_402_l	l. Discussion sur les performances de l'agent de santé communautaire	Oui = 1, Non = 2	l. Discussions over the CHW performance	Yes= 1, No= 2.		
f8_402_m	m. Transport (ex. : vélo, bon de transport)	Oui = 1, Non = 2	m. Transportation (e.g.: bicycle, travel voucher)	Yes= 1, No= 2.		
f8_402_n	n. Accès à des technologies mobiles (téléphone ou autre appareil portable)	Oui = 1, Non = 2	n. Access to mobile technologies (telephone or other portable device)	Yes= 1, No= 2.		
f8_402_o	o. Autre	Oui = 1, Non = 2	o. Other	Yes= 1, No= 2.		
f8_402_spec	Précisez :		Specify:			
f8_403	Au cours des 12 derniers mois, une organisation non gouvernementale vous a-t-elle apporté un appui dans les domaines suivants ?		During the last 12 months, did any of the governmental organizations provide you with support on any of the following areas?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON. / Investigator: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_403_a	a. Paiements pour les services de santé que vous avez assurés	Oui = 1, Non = 2	a. Payments for the health services that you provided	Yes= 1, No= 2.		
f8_403_b	b. Paiements en fonction de vos performances en tant qu'agent de santé communautaire	Oui = 1, Non = 2	b. Payments based on your performance as a CHW	Yes= 1, No= 2.		
f8_403_c	c. Aide directe (ex. : terrain, fournitures, matériel)	Oui = 1, Non = 2	c. Direct assistance (e.g.: field, supplies, materials)	Yes= 1, No= 2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_403_d	d. Mobilisation de la population pour l'encourager à utiliser les services de santé	Oui = 1, Non = 2	d. Mobilizing the populations to encourage them to use health services	Yes= 1, No= 2.		
f8_403_e	e. Promotion de programmes sanitaires	Oui = 1, Non = 2	e. Health program promotion	Yes= 1, No= 2.		
f8_403_f	f. Manifestations d'appréciation / reconnaissance du travail	Oui = 1, Non = 2	f. Expressions of appreciation / recognition of the work	Yes= 1, No= 2.		
f8_403_g	g. Vérification des rapports d'activité de l'agent de santé communautaire, supervision	Oui = 1, Non = 2	g. Verification of the activity reports of the CHW, supervision	Yes= 1, No= 2.		
f8_403_h	h. Contributions en nature (ex. : nourriture, vêtements, cadeaux)	Oui = 1, Non = 2	h. Non-monetary contributions (e.g.: food, clothing, gifts)	Yes= 1, No= 2.		
f8_403_i	i. Formation ou instructions relatives à des services de santé	Oui = 1, Non = 2	i. Trainings or instructions related to health services	Yes= 1, No= 2.		
f8_403_j	j. Formation ou instructions relatives à des aspects administratifs et aux rapports d'activités	Oui = 1, Non = 2	j. Trainings or instructions regarding administrative aspect and activity reports	Yes= 1, No= 2.		
f8_403_k	k. Assistance générale	Oui = 1, Non = 2	k. General assistance	Yes= 1, No= 2.		
f8_403_l	l. Discussion sur les performances de l'agent de santé communautaire	Oui = 1, Non = 2	l. Discussions over the CHW performance	Yes= 1, No= 2.		
f8_403_m	m. Transport (ex. : vélo, bon de transport)	Oui = 1, Non = 2	m. Transportation (e.g.: bicycle, travel voucher)	Yes= 1, No= 2.		
f8_403_n	n. Accès à des technologies mobiles (téléphone ou autre appareil portable)	Oui = 1, Non = 2	n. Access to mobile technologies (telephone or other portable device)	Yes= 1, No= 2.		
f8_403_o	o. Autre	Oui = 1, Non = 2	o. Other	Yes= 1, No= 2.		
f8_403_spec	Précisez :		Specify:			
f8_404	Au cours des 12 derniers mois, la communauté vous a-t-elle apporté un appui dans les domaines suivants ?		During the last 12 months, did any of the community provide you with support on any of the following areas?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON. / Investigator: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_404_a	a. Paiements pour les services de santé que vous avez assurés	Oui = 1, Non = 2	a. Payments for the health services that you provided	Yes= 1, No= 2.		
f8_404_b	b. Paiements en fonction de vos performances en tant qu'agent de santé communautaire	Oui = 1, Non = 2	b. Payments based on your performance as a CHW	Yes= 1, No= 2.		
f8_404_c	c. Aide directe (ex. : terrain, fournitures, matériel)	Oui = 1, Non = 2	c. Direct assistance (e.g.: field, supplies, materials)	Yes= 1, No= 2.		
f8_404_d	d. Mobilisation de la population pour l'encourager à utiliser les services de santé	Oui = 1, Non = 2	d. Mobilizing the populations to encourage them to use health services	Yes= 1, No= 2.		
f8_404_e	e. Promotion de programmes sanitaires	Oui = 1, Non = 2	e. Health program promotion	Yes= 1, No= 2.		
f8_404_f	f. Manifestations d'appréciation / reconnaissance du travail	Oui = 1, Non = 2	f. Expressions of appreciation / recognition of the work	Yes= 1, No= 2.		
f8_404_g	g. Vérification des rapports d'activité de l'agent de santé communautaire, supervision	Oui = 1, Non = 2	g. Verification of the activity reports of the CHW, supervision	Yes= 1, No= 2.		
f8_404_h	h. Contributions en nature (ex. : nourriture, vêtements, cadeaux)	Oui = 1, Non = 2	h. Non-monetary contributions (e.g.: food, clothing, gifts)	Yes= 1, No= 2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_404_i	i. Formation ou instructions relatives à des services de santé	Oui = 1, Non = 2	i. Trainings or instructions related to health services	Yes= 1, No= 2.		
f8_404_j	j. Formation ou instructions relatives à des aspects administratifs et aux rapports d'activités	Oui = 1, Non = 2	j. Trainings or instructions regarding administrative aspect and activity reports	Yes= 1, No= 2.		
f8_404_k	k. Assistance générale	Oui = 1, Non = 2	k. General assistance	Yes= 1, No= 2.		
f8_404_l	l. Discussion sur les performances de l'agent de santé communautaire	Oui = 1, Non = 2	l. Discussions over the CHW performance	Yes= 1, No= 2.		
f8_404_m	m. Transport (ex. : vélo, bon de transport)	Oui = 1, Non = 2	m. Transportation (e.g.: bicycle, travel voucher)	Yes= 1, No= 2.		
f8_404_n	n. Accès à des technologies mobiles (téléphone ou autre appareil portable)	Oui = 1, Non = 2	n. Access to mobile technologies (telephone or other portable device)	Yes= 1, No= 2.		
f8_404_o	o. Autre	Oui = 1, Non = 2	o. Other	Yes= 1, No= 2.		
f8_404_spec	Précisez :		Specify:			
f8_405	Au cours des 12 derniers mois, de quelle manière les autres agents de santé communautaires de votre communauté vous ont-ils apporté un appui ?		During the last 12 months, how did the other CHW of your community provide you with support?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON. / Interviewer: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_405_a	a. Assistance pendant les visites à domicile	Oui = 1, Non = 2	a. Assistance during home visits	Yes= 1, No= 2.		
f8_405_b	b. Partage de fournitures (médicaments, matériel)	Oui = 1, Non = 2	b. Sharing supplies (drugs, materials)	Yes= 1, No= 2.		
f8_405_c	c. Conseils pour envoyer des patients se faire soigner dans un établissement de santé	Oui = 1, Non = 2	c. Advice to refer patients to seek treatment at a health center	Yes= 1, No= 2.		
f8_405_d	d. Échanges de savoirs en matière de santé	Oui = 1, Non = 2	d. Exchange of knowledge in the subject of health	Yes= 1, No= 2.		
f8_405_e	e. Aide pour sensibiliser la population aux campagnes de vaccination	Oui = 1, Non = 2	e. Assistance in raising awareness around immunization (vaccination campaigns)	Yes= 1, No= 2.		
f8_405_f	f. Aide pour sensibiliser la population à l'importance de se faire soigner	Oui = 1, Non = 2	f. Assistance in raising awareness around the importance of seeking treatment	Yes= 1, No= 2.		
f8_405_g	g. Aide pour remplir les rapports d'activités	Oui = 1, Non = 2	g. Assistance in completing the activity reports	Yes= 1, No= 2.		
f8_405_h	h. Transmission à l'établissement de santé des problèmes rencontrés par l'agent de santé communautaire	Oui = 1, Non = 2	h. Communicating to the health facility the problems encountered by the CHW	Yes= 1, No= 2.		
f8_405_i	i. Autre, préciser :	Oui = 1, Non = 2	i. Other, specify:	Yes= 1, No= 2.		
f8_405_spec						
f8_406	Avez-vous déjà reçu un kit d'agent de santé communautaire comprenant des fournitures et des médicaments essentiels ?	Oui = 1, Non = 2	Have you already received a CHW kit containing supplies and essential drugs?	Yes= 1, No= 2.	if f8_406 =2 ► 4.01	
f8_407	Partagez-vous ce kit avec d'autres agents de santé communautaires ?	Oui = 1, Non = 2	Do you share this kit with other CHW?	Yes= 1, No= 2.	if f8_407 =2 ► 4.09	

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_408	Avec combien d'autres agents de santé communautaires partagez-vous le kit ?		How many CHW share this kit with you?			
f8_409	Parmi les articles suivants, lesquels avez-vous actuellement en stock dans le kit d'agent de santé communautaire ?		Which of the following items do you have currently in stock in your CHW kit?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER LES CODES SUIVANTS : Interviewer: Read aloud all the possible answers. For each answer, note the following codes:
f8_409_a	a. Pilules contraceptives	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	a. Contraceptive pills	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_b	b. Préservatifs (masculins ou féminins)	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	b. Condoms (males and females)	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_c	c. Colliers du cycle	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	c. Cycle beads	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_d	d. Contraceptifs injectables	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	d. Injectable contraceptives	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_e	e. Médicaments antipaludiques	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	e. Antimalarial drugs	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_f	f. SRO	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	f. ORS	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_g	g. Zinc	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	g. Zinc	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_h	h. Amoxicilline	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	h. Amoxicilline	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_i	i. Mébendazole	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	i. Mebendazole	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_j	j. Paracétamol/Aspirine	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	j. Paracetamol/Aspirine	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_k	k. Vitamine A	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	k. Vitamin A	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_409_1	l. Moustiquaires	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	l. ITN	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_m	m. Médicaments antituberculeux	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	m. Drugs for tuberculosis	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_n	n. Mètre-ruban pour mesurer la circonférence du bras	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	n. Measurement tape to measure the circumference of the arm	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_o	o. Formulaire d'envoi des patients	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	o. Referral forms for patients	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_p	p. Chronomètre	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	p. Timer (stopwatch)	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_q	q. Registres de santé	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	q. Health registers	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_r	r. Autre	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	r. Other	Currently complete stock= 1, Currently Incomplete stock= 2, Usually in stock but not today= 3, Normally not in stock= 4.		
f8_409_spec	Précisez :		Specify:			
f8_410	Quelles sont les principales difficultés que vous rencontrez dans votre travail ?		What are the main challenges you face during your work?			ENQUÊTEUR : NE PAS LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" SI ELLE EST CITÉE, OU "2" SI ELLE NE L'EST PAS. / Investigator:DO NOT Read aloud the possible answers. For each answer, note: "1" when it is mentioned, or "2" it's Not.
f8_410_a	a. Les enfants sont amenés au poste de santé trop tard	Mentionné = 1, Non Mentionné = 2	a. The children are sent to the health facility too late	Mentioned= 1, Not mentioned= 2.		
f8_410_b	b. Moyens de transport insuffisants ou inexistant	Mentionné = 1, Non Mentionné = 2	b. Inadequate/inexistent means of transportation	Mentioned= 1, Not mentioned= 2.		
f8_410_c	c. Manque de volontaires/Demande de services trop importante	Mentionné = 1, Non Mentionné = 2	c. Lack of volunteers/Excessive service requests	Mentioned= 1, Not mentioned= 2.		
f8_410_d	d. Salaire / Rémunération insuffisante	Mentionné = 1, Non Mentionné = 2	d. Inadequate salary/renumeration	Mentioned= 1, Not mentioned= 2.		
f8_410_e	e. Manque de formation/Manque de connaissances	Mentionné = 1, Non Mentionné = 2	e. Lack of trainings/lack of knowledge	Mentioned= 1, Not mentioned= 2.		
f8_410_f	f. Manque de retour sur le travail réalisé	Mentionné = 1, Non Mentionné = 2	f. Lack of feedback on the work done	Mentioned= 1, Not mentioned= 2.		
f8_410_g	g. Manque de temps	Mentionné = 1, Non Mentionné = 2	g. Limited time	Mentioned= 1, Not mentioned= 2.		
f8_410_h	h. Manque de motivations	Mentionné = 1, Non Mentionné = 2	h. Lack of motivation	Mentioned= 1, Not mentioned= 2.		
f8_410_i	i. Insécurité	Mentionné = 1, Non Mentionné = 2	i. Insecurity	Mentioned= 1, Not mentioned= 2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_410_j	j. Manque de fourniture et de médicaments	Mentionné = 1, Non Mentionné = 2	j. Medications and supplies are limited	Mentioned= 1, Not mentioned= 2.		
f8_410_k	k. Manque de matériel	Mentionné = 1, Non Mentionné = 2	k. Lack of material	Mentioned= 1, Not mentioned= 2.		
f8_410_l	l. Manque de supervision	Mentionné = 1, Non Mentionné = 2	l. Lack of supervision	Mentioned= 1, Not mentioned= 2.		
f8_410_m	m. Manque de communication avec la formation sanitaire	Mentionné = 1, Non Mentionné = 2	m. Limited communication with the clinic	Mentioned= 1, Not mentioned= 2.		
f8_410_n	n. Manque de coordination avec la formation sanitaire	Mentionné = 1, Non Mentionné = 2	n. Limited coordination with the clinic	Mentioned= 1, Not mentioned= 2.		
f8_410_o	o. Manque de soutien de la communauté	Mentionné = 1, Non Mentionné = 2	o. Limited support from the community	Mentioned= 1, Not mentioned= 2.		
f8_410_p	p. Manque de coordination avec le COGES	Mentionné = 1, Non Mentionné = 2	p. Limited coordination with the COGES	Mentioned= 1, Not mentioned= 2.		
f8_410_q	q. Absence de COGES	Mentionné = 1, Non Mentionné = 2	q. Absence of the COGES	Mentioned= 1, Not mentioned= 2.		
f8_410_r	r. Trop de travail	Mentionné = 1, Non Mentionné = 2	r. Too much work	Mentioned= 1, Not mentioned= 2.		
f8_410_s	S. Autre	Mentionné = 1, Non Mentionné = 2	s. Other	Mentioned= 1, Not mentioned= 2.		
f8_410_spec	Précisez :		Specify:			
f8_411	Faites-vous toujours un examen médical du patient avant de lui donner des médicaments ?	Oui, toujours = 1, Oui, la plupart du temps = 2, Non, jamais = 3	Do you always examin the patient before prescribing drugs?	Yes, always= 1, Yes, mostly= 2, No, never= 3.	If f8_411 = 1 ► 4,13	
f8_412	Pour quelles raisons ne faites vous pas toujours / jamais d'examen médical ?	Pas formé pour cela = 1, Pas le temps = 2, Pas le materiel necessaire = 3, Patients viennent en sachant ce qu'ils veulent comme médicament = 4	What are the reasons that keeps you from always/sometimes examining the patients?	Don't have the right training for that= 1, No time= 2, No right material for that= 3, Patients know what they want for medication= 4		
f8_413	Arrive t-il que quelqu'un n'ait pas les moyens pour s'acheter les medicaments?	Pas souvent = 1, Souvent = 2, Très souvent = 3, Non = 4	Has it ever happened that someone did not have the means to buy himself the prescribed medication?	Not really= 1, Often times= 2, frequently= 3, No= 4.	If f8_413 = 4 ► 4,15	
f8_414	Que se passe t-il dans ce cas ?	Vente à credit = 1, Ne vend pas = 2	What happens in that case?	Sell on credit= 1, Not sell= 2.		
f8_415	Que faites vous en cas de rupture?	Ne fait rien = 1, S'approvisionne au niveau de la formation sanitaire = 2, Approvisionnement marché/vendeur ambulant = 3, approvisionnement pharmacie privée = 4, autre = 7	What do you do when out of stock?	Nothing= 1, Getting supplies at the clinic= 2, Getting supplies at the market/ street vendors= 3, Getting supplies from private pharmacies= 4, Other= 7.		
f8_416	Précisez :		specify:			
f8_417	Avez-vous des/une trousse/sac dans lequel vous avez votre matériel de travail quand vous vous déplacez ?	Oui = 1, Non = 2	During your travels do you carry a kit/bag where you keep your working?	Yes= 1, No= 2.		
f8_418	Avez-vous un téléphone portable avec lequel on peut vous joindre en cas de maladie ou de questions ?	Oui = 1, Non = 2	Do you carry a mobile phone on which people can reach you in case of diseases or questions?	Yes= 1, No= 2.		
f8_501	Est ce que vous recevez actuellement un salaire ?	Oui = 1, Non = 2	Do you currently receive a salary?	Yes= 1, No= 2.		
f8_502	Quel est le montant de ce salaire ?	Enquêteur : Ecrire le montant ici	What is the amount of money you receive as a salary?	Investigator: Write the amount here		
f8_503	A quelle fréquence le recevez-vous ?	Chaque mois = 1, Tous les trois mois = 2, Tous les six mois = 3, Chaque année = 3, Chaque année = 4, Irregulier/Ponctuellement = 5, Autre = 7	At what frequency are you receiving your salary?	Every month= 1, Every 3 montsh= 2, every 6 months= 3, Every year= 4, At irregular times= 5, Other= 7.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_504	Est ce que vous recevez actuellement une prime basée sur votre performance ?	Oui = 1, Non = 2	Currently are you receiving a bonus based on your performance?	Yes= 1, No= 2.		
f8_505	Quel est le montant de total reçue pour cette prime au cours des 3 derniers mois ?	Enquêteur : Ecrire le montant ici	What is the amount of money you have received as a bonus in the last 3 months?	Investigator: Write the amount here		
f8_505	A quelle fréquence la recevez-vous ?	Chaque mois = 1, Tous les trois mois = 2, Tous les six mois = 3, Chaque année = 3, Chaque année = 4, Irregulier/Ponctuellement = 5, Autre = 7	At what frequency are you receiving your bonus?	Every month= 1, Every 3 montsh= 2, every 6 months= 3, Every year= 4, At irregular times= 5, Other= 7.		
f8_506	Est-ce que vous recevez des avantages en nature ?	Oui = 1, Non = 2	Do you receive any benefits (non-monetary)?	Yes= 1, No= 2.		
f8_507	Quel est la valeur monétaire des avantages en nature que vous avez reçus au cours des trois derniers mois?		What is the monetary value of the benefits you have received during the last 3 months?			
f8_508	Pendant combien de temps pensez-vous encore continuer à être ASC?	Quelques mois = 1, Quelques années = 2, Toute ma vie = 3	For how much longer are you considering to continue being a CHW?	Few months= 1, Few years= 2, For the rest of my life= 3		
f8_509	Qu'est-ce qui pourrait vous permettre de mieux exercer votre travail ?	Une meilleure organisation dans le travail = 1, .....Autre = 97	What will help you to improve your job?	A better work organization= 1,.... Other= 97		Notez 3 réponses possibles / Note 3 possible answers
	Précisez :		Specify			
f8_510	Que pourrait faire la communauté pour vous aider dans votre travail ?	Vous procurer un salaire, des revenus mensuels = 1, .....Vous donner du matériel, nourriture, vêtements, cadeaux, etc = 4	What could the community do in order to assist you with your job?	Providing you with a salary, monthly revenues= 1, Providing you with material, food, clothing, gifts, etc. = 4.		
f8_511	Par quel titre vous appelle-t-on dans la communauté ?	Agent de santé communautaire = 1, Docteur = 2, Infirmier = 3, Autre = 7	What is the title that the community use to refer to you?	CHW= 1, Dr= 2, Nurse= 3, Other= 7.		
f8_601	Y a-t-il quelqu'un qui est responsable de la supervision de votre travail ? Il s'agit entre autre de quelqu'un qui donne un feedback sur vos activités, vous conseille ?	Oui = 1, Non = 2	Is there anyone responsible of supervising your work? Someone who gives a feedback on your activity, who gives you advice?	Yes= 1, No= 2.	if f8_601 = 2 ► 7,01	
f8_602	Qui est responsable de la supervision de votre travail?	Responsable de la formation sanitaire = 1, Un autre agent de santé = 2, COGES = 3, Commune /Mairie = 4, ONG, Précisez = 5, Autre = 7	Who is in charge of supervising your work?	Manager of the clinic= 1, Other health worker= 2, COGES= 3, City/town hall= 4, NGO/specify= 5, Other= 7.		
f8_603	Précisez, si la réponse est 5 ou 7 à la question précédente		For the above question, specify when the answer is 5 or 7.			
f8_604	Selon quelle fréquence êtes vous supervisé ?	Par semaine = 1, Par mois = 2, Chaque deux mois = 3, Trimestriellement = 4, Par semestre = 5, Par an = 6, Jamais = 7	How frequently do you get a supervision?	Weekly= 1, Monthly= 2, Every 2 months= 3, every 3 months= 4, every 6 months= 5, yearly= 6, never= 7.		
f8_605	Qu'a fait le superviseur lors de sa dernière visite ?		What did your supervisor do during his last visit?			ENQUÊTEUR : NE PAS LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES NOTER "1" SILENTEMENT
f8_605_a	a. A participé à des réunions de l'agent de santé communautaire		a. Attended the CHW's meetings			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_605_b	b. A supervisé les activités de l'agent de santé communautaire (ex: à observé des consultations)		b. Supervised the different activities of the CHW (e.g.: Observation of consultations)			DELLS, NOTER "1" SI ELLE EST CITÉE, OU "2" SI ELLE NE L'EST PAS./INTERVIEWER: Do not read aloud the possible answers, Note "1" if the answer was mentioned or "2" if it wasn't
f8_605_c	c. A remplacé ou complété les kits de l'agent de santé communautaire		c. Replaced or filled the CHW's kits			
f8_605_d	d. A évalué les connaissances de l'agent de santé communautaire		d. Evaluated the knowledge of the CHW			
f8_605_e	e. A donné des instructions sanitaires		e. Gave health instructions			
f8_605_f	f. A donné des instructions administratives ou sur la manière de remplir les rapports d'activités		f. Gave administrative instructions or instructions about hoe to fill an activity report.			
f8_605_g	g. A dispensé de la formation à l'agent de santé communautaire		g. Provided trainings for the CHW			
f8_605_h	h. A vérifié le (s) rapport (s) d'activités de l'agent de santé communautaire		h. Verified the activity report(s) of the CHW			
f8_605_i	i. A collecté et compilé les rapports d'activités mensuels		i. Collected & compiled monthly activity reports.			
f8_605_j	j. A rencontré le personnel des postes de santé		j. Met with the staff of the health posts			
f8_605_k	k. A présenté des programmes de santé		k. Presented health programs			
f8_605_l	l. A apporté son aide pour une campagne de vaccination		l. Gave assistance in the vaccination campaigns			
f8_605_m	m. A apporté une aide générale		m. Gave general assistance			
f8_605_n	n. A discuté des performances de l'agent de santé communautaire		n. Discussed the CHW performance			
f8_605_o	o. N'a rien fait de particulier		o. Did nothing specifically			
f8_605_p	p. Autre		p. Other			
f8_605_spec	Précisez		Specify			
f8_606	Lors de sa dernière visite, votre superviseur a-t-il écrit des recommandations dans un carnet de supervision que vous conservez ? ENQUÊTEUR : SI OUI, DEMANDER À VOIR LE CARNET ET NOTER LA RÉPONSE EN CONSÉQUENCE.	Oui, vu = 1, Oui pas vu = 3, Non = 3	During his/her last visit, did your supervisor write any recommendations in a supervision booklet which you keep? INVESTIGATOR: if yes, ask to have a look in the booklet and write down the answers accordingly.	Yes, checked= 1, Yes, not checked= 3 , No= 3.		
f8_607	Quel est votre ressenti par rapport à la supervision ?	Vous avez le sentiment d'apprendre quelque chose = 1, .....Vous avez le sentiment de recevoir une aide dans vos difficultés	What is your opinion regarding the supervision?	you felt that you learnt something= 1,.....You had the feeling that you got assistance with your difficulties.		
f8_608	Quelles sont les sanctions prévues si vous ne faites pas bien votre travail?	Pas de sanction = 1, Remplacement par une autre personne = 2, Autre = 3	What are the expected sanctions when you're not performing well?	No sanctions= 1, Get replaced by another person= 2, Other= 3.		
f8_609	Précisez :		Specify			
f8_610	Avez-vous un registre d'activités ?	Oui, vu = 1, Oui pas vu = 3, Non = 3	Do you have an activity register?	Yes, checked= 1, Yes, not checked= 3 , No= 3.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_611	Quelles sont les activités que vous enregistrez dans le registre?		What are the activities you write in the register?			ENQUÊTEUR : NE PAS LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" SI ELLE EST CITÉE, OU "2" SI ELLE NE L'EST PAS./INTERVIEWER: Do not read aloud the possible answers, Note "1" if the answer was mentioned or "2" if it wasn't
f8_611_a	a. Consultation des enfants		a. Children consultations			
f8_611_b	b. Consultation des adultes		b. Adults consultations			
f8_611_c	c. CPN		c. Antenatal Consultations			
f8_611_d	d. Causerie éducatives		d. Educational talks			
f8_611_e	e. Visite aux ménages		e. Household visits			
f8_611_f	f. Accompagnement CSPS enfants malades		f. Escorting sick children to CSPA			
f8_611_g	g. Accompagnement CSPA femmes pour CPN		g. Escorting women to CSPA for Antenatal consultation			
f8_611_h	h. Accompagnement CSPA femmes pour accouchement		h. Escorting women to CSPA for delivery			
f8_611_i	i. Autre		i. Other			
f8_612	Précisez :		Specify			
f8_701	<p>Je vais vous lire différentes raisons pour lesquelles vous pourriez être motivés à travailler. Les individus diffèrent dans la manière dont ils sont motivés à travailler en fonction de leur situation et de leur personnalité. Il est essentiel de comprendre que toutes les raisons que les individus peuvent avoir sont tout aussi valables et qu'aucune n'est «meilleure» ou «pire» qu'une autre.</p> <p>Pourriez-vous nous dire parmi les raisons pour lesquelles vous travaillez, laquelle est la plus importante et laquelle est la moins importante pour vous personnellement.</p>		<p>I'm going to read different reasons that might be a motive for you to work. Individuals differ in how they get motivated to work depending on their situation and personality. It is essential to understand that all the reasons given by the different individuals are equally valid and neither is "better" or "worse".</p> <p>Could you tell us among all the reasons that motivate you to work, which is the most important and which is least from your personal experience.</p>			ENQUÊTEUR : LIRE CHAQUE QUESTION À LA PERSONNE INTERROGÉE ET NOTER LE CODE DE RÉPONSE POUR CHAQUE QUESTION. / INTERVIEWER: FOR EACH QUESTION, READ EACH ITEM TO THE RESPONDENT AND RECORD THE CODE OF THEIR RESPONSE.
f8_701_a	a. La raison la plus importante	Parce mes tâches comme ASC me plaisent beaucoup, Parce que ma réputation dépend de mon travail, Parce que mon travail est plus qu'un métier, c'est une vocation, Afin de gagner de l'argent ou des paiements en nature, Parce que je veux changer quelque chose dans la vie des autres, A cause de la reconnaissance de la communauté	a. The most important reason	Because I like my duties as ASC very much, because my reputation depends on my work, because my job is more than a normal job, it's a vocation, To make money or get benefits, because I want to make a change in the others' lives, because of the recognition of the community		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
F8_701_b	b. La raison la moins importante	Parce mes tâches comme ASC me plaisent beaucoup, Parce que ma réputation dépend de mon travail, Parce que mon travail est plus qu'un métier, c'est une vocation, Afin de gagner de l'argent ou des paiements en nature, Parce que je veux changer quelque chose dans la vie des autres, A cause de la reconnaissance de la communauté	b. The least important reason	Because I like my duties as ASC very much, because my reputation depends on my work, because my job is more than a normal job, it's a vocation, To make money or get benefits, because I want to make a change in the others live, because of the recognition of the community		
f8_702	Vous vous sentez bien dans votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Do you feel good about your job?	Do not agree= 0, Totally agree= 10.		Maintenant, je vais vous lire une série De questions sur différents aspects de votre travail d'agent de santé communautaire. Pour chacun de ces aspects, dites-moi si vous êtes d'accord ou pas d'accord. [ENQUÊTEUR: MONTRER L'ECHELLE] / Right now I will read a series of questions on the different aspects of the job of a CHW. For each aspect, tell if you agree or don't. [Interviewer: Show the scale]
f8_703	Vous êtes fier/fière de travailler pour cette communauté.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Are you proud of working for this community?	Do not agree= 0, Totally agree= 10.		
f8_704	Votre responsable direct reconnaît votre travail et l'apprécie.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your direct supervisor recognize your work and appreciate it.	Do not agree= 0, Totally agree= 10.		
f8_705	Cette communauté vous donne vraiment envie de faire le maximum en tant qu'agent de santé communautaire.	Pas d'accord = 0, .....Tout à fait d'accord = 10	This community makes you want to really give your optimum as a CHW.	Do not agree= 0, Totally agree= 10.		
f8_706	Votre travail vous plaît beaucoup.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You like your job very much	Do not agree= 0, Totally agree= 10.		
f8_707	Accepter d'être ASC était une erreur.	Pas d'accord = 0, .....Tout à fait d'accord = 10	It was a mistake to accept becoming a CHW	Do not agree= 0, Totally agree= 10.		
f8_708	Votre travail vous procure la sécurité financière.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your work provides you with a financial security.	Do not agree= 0, Totally agree= 10.		
f8_709	Vous êtes toujours appliqué(e) et efficace dans votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your always applied and effective in your job.	Do not agree= 0, Totally agree= 10.		
f8_710	Vous êtes très travailleur/euse.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You are a hard worker.	Do not agree= 0, Totally agree= 10.		
f8_711	Vous avez souvent envie de quitter ce travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You always wish to quit this job.	Do not agree= 0, Totally agree= 10.		
f8_712	Vous commencez à l'heure vos activités d'agent de santé communautaire.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You start your duties as CHW on time.	Do not agree= 0, Totally agree= 10.		
f8_713	La communauté apprécie votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	The community appreciate your work.	Do not agree= 0, Totally agree= 10.		
f8_714	Votre travail est important pour le système de santé du Burkina Faso.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your job is important for the health system of Burkina Faso	Do not agree= 0, Totally agree= 10.		
f8_715	Votre travail est intéressant.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your job is interesting	Do not agree= 0, Totally agree= 10.		
f8_716	Vous faites partie du système de santé du Burkina Faso.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You are part of the health system of Burkina Faso	Do not agree= 0, Totally agree= 10.		
f8_717	La communauté a confiance en votre capacité à les soigner	Pas d'accord = 0, .....Tout à fait d'accord = 10	The community trusts your ability to treat.	Do not agree= 0, Totally agree= 10.		
f8_718	Votre travail vous permet de subvenir aux besoins de votre famille.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your job allows you to provide for the needs of your family	Do not agree= 0, Totally agree= 10.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_719	En ce moment, vous vous sentez motivé(e) pour faire le maximum dans votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	In this moment you feel motivated to give the maximum in your job	Do not agree= 0, Totally agree= 10.		ENQUÊTEUR : LIRE CHAQUE AFFIRMATION À LA PERSONNE INTERROGÉE ET NOTER LE CODE DE RÉPONSE POUR CHAQUE QUESTION. MONTRER LES FICHES EN COULEUR NUMÉROTÉES ET DEMANDER À LA PERSONNE DE CHOISIR CELLE QUI CORRESPOND À SA RÉPONSE. INTERVIEWER: READ EACH STATEMENT TO THE RESPONDENT AND RECORD THE CODE OF THE ANSWER FOR EACH QUESTION. SHOW THE COLORED NUMBERED SHEETS AND ASK THE PERSON TO CHOOSE THE ONE THAT MATCHES ITS RESPONSE.
f8_720	Vous aimez ce que vous faites dans votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You like what you do at your job	Do not agree= 0, Totally agree= 10.		
f8_721	Votre travail est extrêmement important pour la communauté.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your job is extremely important for the community.	Do not agree= 0, Totally agree= 10.		
f8_801	Globalement, êtes-vous satisfait de votre emploi d'agent de santé communautaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Globally, Are you satisfied with your job as a CHW?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_802	Etes-vous satisfait de vos relations de travail avec le personnel de la formation ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the work relations between you and the clinic staff?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_803	Etes-vous satisfait de vos relations de travail avec le personnel des services du district / du ministère de la Santé ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the work relations between you and the staff of the district services/Ministry of health?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_804	Etes-vous satisfait de vos relations de travail avec la direction de la formation sanitaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the work relations between you and the clinic directors?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_805	Etes-vous satisfait de vos relations avec la communauté ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the relations between you and the community?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_806	Etes-vous satisfait de vos relations avec le COGES ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the relations between you and the COGES?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_807	Etes-vous satisfait des médicaments à votre disposition pour soigner les patients ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the available medications that you have to treat the patients?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_808	Etes-vous satisfait du matériel à votre disposition pour effectuer votre travail ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the available material that you have to do your job?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_809	Etes-vous satisfait de la disponibilité d'autres fournitures (compresses, etc.) ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the other available supplies?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_810	Etes-vous satisfait du niveau de soutien de la communauté - financier ou autre ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the level of support (financially or other) that the community is giving you?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_811	Etes-vous satisfait de vos relations avec les personnes importantes de la communauté locale ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied of your relations with the important people in the local community?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_812	Etes-vous satisfait du niveau de respect que vous recevez de la communauté ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied of the level of respect that you receive from the community?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_813	Etes-vous satisfait de votre charge de travail ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your work load?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_814	Etes-vous satisfait de votre capacité à répondre aux besoins de la communauté compte tenu des conditions de travail actuelles ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your ability to meet the needs of the community given the current conditions?	Not satisfied= 0,.....Totally satisfied= 10.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_815	Êtes-vous satisfait du montant du support financier que vous recevez de votre responsable direct?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the financial support you receive from your direct supervisor?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_816	Etes-vous satisfait de vos possibilités d'augmenter votre niveau de qualification et vos connaissances par de la formation ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your opportunities to increase your level of skill and knowledge through training?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_817	Etes-vous satisfait de votre collaboration avec les accoucheuses traditionnelles et autres ASC ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the collaboration between you and the traditional birth attendants and other CHW?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_818	Etes-vous satisfait de vos possibilités de discuter des questions de travail avec votre superviseur ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your opportunities to discuss work issues with your supervisor?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_819	Etes-vous satisfait de la reconnaissance de votre bon travail par votre superviseur ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the recognition you get from your supervisor in regards to your work?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_820	Etes-vous satisfait de vos possibilités d'être récompensé(e) d'avoir beaucoup travaillé, financièrement ou autrement ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the opportunities you get to be rewarded for having worked hard, (financially or otherwise)?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_821	Etes-vous satisfait de la possibilité d'utiliser vos compétences dans votre travail d'agent de santé communautaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the opportunities you get to use your competence in your job as a CHW?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_822	Etes-vous satisfait de votre rémunération ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your pay?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_823	Etes-vous satisfait des avantages en nature que vous recevez ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the benefits (non monetary benefits) that you are receiving?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_824	Etes-vous satisfait de vos possibilités d'avancement dans le domaine de la santé ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the opportunities you get to advance your career in the health field?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_825	Etes-vous satisfait des conditions de sécurité dans la communauté sur le plan de la vie personnelle et professionnelle ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the security conditions in the community on the personal and professional level?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_826	Etes-vous satisfait de vos conditions de logement ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your housing conditions?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_827	Etes-vous satisfait des moyens de transport dont vous disposez pour votre travail ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the transportation means available for your job?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_828	Êtes-vous satisfait de votre salaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your salary?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_829	Êtes-vous satisfait de la régularité de versement de votre salaire (salaire versé à temps vs. en retard etc) ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the regularity of the payment of your salary (paid on time vs. late etc)?	Not satisfied= 0,.....Totally satisfied= 10.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_901	Imaginons un système de couverture santé universelle qui prendrait en charge toutes les personnes, c'est-à-dire des riches, des plus modestes et des indigents. Les contributions financières pour faire fonctionner le système seraient obligatoires. Les paiements se feraient à une date fixe, et tout le monde payerait, que la personne soit malade ou pas. Mais tous bénéficieraient des mêmes soins et services en cas de besoin. En vous référant aux dessins, indiquez-nous comment devrait être fixée cette contribution obligatoire. Vous ne pouvez choisir qu'une seule réponse. UTILISEZ L'AIDE VISUELLE	Tout le monde paye le même MONTANT, quel que soit son revenu ou son niveau de richesse = 1, Tout le monde paye la même PROPORTION de son revenu ou sa richesse (par exemple tout le monde paye 8%) = 2, Les indigents payent très peu, la classe moyenne paye comme dans le senario 1 et 2 et les riches prennent en charge la majeure partie des coûts (par exemple, les indigents payent 2 %, les modestes payent 8% et les riches 12%) = 3, Les indigents ne paient rien, les autres payent tous la même PROPORTION de leur revenu ou richesse (par exemple tout le monde, sauf les indigents, paye 9%) = 4	Let's imagine a system of universal health coverage that takes care of everybody, the rich, the less wealthy, and the poor. In order to make this system function, everybody is required to contribute financially. Payments are due on a fixed date, and everybody pays, whether the person is ill or not. Everybody benefits from the same health care services in case of need. Referring to the drawings, please indicate how this mandatory financial contribution should be determined. You can choose one single option only.	Everybody pays the SAME AMOUNT, regardless of their income or wealth.=1; Everybody pays the SAME PROPORTION of their income or wealth.=2; The poor pay very little, the middle classes pay as in scenario 1 and 2, and the rich take care of the largest share of costs.=3; The POOR do NOT pay AT ALL, everybody else pays the SAME PROPORTION of their income or wealth.=4		Utilisez l'aide visuelle / Use the visual help
f8_902	Parmi les personnes et organisations suivantes, en qui auriez-vous le plus confiance et le moins confiance pour gérer les cotisations obligatoires du système de couverture santé universel ?		Out of the following persons and organizations, who would you trust the most and the least to manage the mandatory financial contributions in the universal health coverage system?			
f8_902_a	a. Le plus confiance	Les villageois=1; Une ONG (association, groupement, ...)=2; Une mutuelle=3, La mairie/commune=4; Le COGES du CSPS=5; L'Etat (niveau central ou périphérie)=6	The most	The villagers=1; An NGO (association, group, ...) =2; A mutual insurance association=3, Local government (mairie/commune)=4; The COGES of the CSPS=5; The government (central or decentral level)=6		ENQUÊTEUR: VEUILLER LIRE LES OPTIONS DE REPONSES A HAUTE VOIX
f8_902_b	b. Le moins confiance	Les villageois=1; Une ONG (association, groupement, ...)=2; Une mutuelle=3, La mairie/commune=4; Le COGES du CSPS=5; L'Etat (niveau central ou périphérie)=6	The least	The villagers=1; An NGO (association, group, ...) =2; A mutual insurance association=3, Local government (mairie/commune)=4; The COGES of the CSPS=5; The government (central or decentral level)=6		
f8_903	Si vous deviez choisir de donner l'exemption du paiement pour un groupe de personnes, qui voudriez vous choisir le plus ou le moins?		If you had to choose to exempt one group of people from paying fees for health services, which one would be your first choice, and which one your last?			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_903_a	a. Le plus	Les enfants de moins de 5 ans=1; Les femmes enceintes=2; Les personnes de plus de 60 ans=3, Les indigents=4; Les hommes en âge de productivité=5; Le personnel de santé=6; Autre, précisez:=7	The most	Children under 5=1; Pregnant women=2; Person older than 60 years=3, The poor=4; Men of productive age=5; Health personnel=6; Others, specify=7		ENQUÊTEUR: VEILLER LIRE LES OPTIONS DE REPONSES A HAUTE VOIX / INTERVIEWER: Please read aloud all the possible answers
f8_903_b	b. Le moins	Les enfants de moins de 5 ans=1; Les femmes enceintes=2; Les personnes de plus de 60 ans=3, Les indigents=4; Les hommes en âge de productivité=5; Le personnel de santé=6; Autre, précisez:=7	The least	Children under 5=1; Pregnant women=2; Person older than 60 years=3, The poor=4; Men of productive age=5; Health personnel=6; Others, specify=7		
f8_903_spec	Autre, précisez:		Others, to be specified			
f8_904	Langue de l'entrevue	Français = 1, Mooré = 2, Dioula = 3, Gourounssi = 4, Dagara = 5, Fulfudé = 6. Lobiri = 7, Bwaba = 8, Samo = 9, Bissa = 10, Bobo = 11, Autre = 97	Language of the interview	Français = 1, Mooré = 2, Dioula = 3, Gourounssi = 4, Dagara = 5, Fulfudé = 6. Lobiri = 7, Bwaba = 8, Samo = 9, Bissa = 10, Bobo = 11, Autre = 97		
f8_904_pre	Précisez		Specify			
f8_comtaire	Commentaires de l'enquêteur à propos de l'entrevue		Interviewer's comment about the interview			

Couverture			Cover Page		Jump/Skip	Remarks
Variable name	FRENCH	ENGLISH	Wording of the question in French	Response options in French			Wording of question in English	Response options in English
f8_101	Quel est votre nom s'il vous plait?		What is your first and last name?			
f8_102	SEXE	Homme = 1, Femme = 2	Sex	Male = 1, Female = 2		
f8_103	Quel âge avez-vous?	Ans	How old are you?			
f8_104	Quel est votre statut matrimonial?	Célibataire = 1, Marié/union libre = 2, Veuf = 3, Divorcé / séparé = 4	What is your marital status	Single = 1, Married / cohabitation = 2, Widowed = 3, Divorced / Separated = 4	if f8_104 = 1, 3 ou 4 ► 1.06	
f8_105	Est ce que vous vivez avec votre conjoint (e)?	Oui = 1. Non = 2	Are you living with your spouse?	Yes = 1, No = 2		
f8_106	Avez-vous des enfants?	Oui = 1. Non = 2	Do you have children?	Yes = 1, No = 2	If f8_106 = 2 ► 1.08	
f8_107	Combien d'enfants d'âge scolaire vivent avec vous?		How many school-age children are living with you?			
f8_108	Êtes-vous né dans cette localité?	Oui = 1. Non = 2	Are born in this locality/place	Yes = 1, No = 2		
f8_109	Si non, depuis combien d'années y vivez-vous ?	Ecrire le nombre d'années	If not, since how many years do you live here?			
f8_110	Quelle est votre religion ?	Aucun =1, Catholique = 2, Protestant = 3, Musulman = 4, Animiste/Traditionnel = 5, Autre = 97	What is your religion?	None = 1, Catholic =2, Protestant = 3, Muslim = 4, Animist / Traditional = 5, Other = 97	If f8_108 = 1 ► 1.10	
f8_111	Spécifiez		Specify			
f8_112	Quel est votre ethnie ?	Mossi = 1,, autre ethnie locale = 15, autre nationalités = 16	What is your ethnicity?	Mossi = 1, .....other local ethnicity = 15, other nationality = 16		
f8_113	Quelles langues parlez-vous ?	Mooré = 1, Dioula = 2,, autre langue locale = 15, Français = 16	Which language do you speak?	Mooré = 1, .....other locale language = 15, French = 16		4 réponses possibles / 4 answers are possible
f8_114	Quel est votre niveau d'études le plus élevé?	Aucun = 1, Primaire = 2, Secondaire 1ere cycle = 3, Secondaire 2nd cycle = 4, Supérieur et plus = 5	What is the highest level of education you reached?	None=1, Elementary=2, Middle school=3, High school = 4, higher education = 5	if f8_114 = 1 ► 1.16	
f8_115	Combien de classes avez-vous franchi à ce niveau ?	NOMBRE DE CLASSES FRANCHIES A CE NIVEAU	How many years have you completed at this level?	Number of completed years at this level		
f8_116	Avez-vous déjà suivi un cours	Oui = 1. Non = 2	Have you already attended any literacy	Yes=1. No=2		
f8_117	Savez-vous lire et écrire ?	Oui = 1. Non = 2	Do you know how to read and write?	Yes=1. No=2		
f8_118	Dans quelles langues savez-vous lire et écrire ?	Français = 1, Mooré = 2, Dioula = 3, Plus d'une = 4, Autre = 7	which languages can you read and write?	French =1, Mooré=2, Dioula=3, More than one=4, Other=7		
f8_118_spec		Préciser		Specify		
f8_119	Pendant combien d'année(s) ou de mois avez-vous travaillé comme agent de santé communautaire pour ce CSPS ?		For how many years have you been working as a Community Health Worker (CHW) in this CSPS?			enregistrer le nb. d'années et de mois. Si le nb est moins d'1 an: Enregistrer "00" pr les années et insérer le nb. de mois / Record the nb of years and months. If the nb is small than 1 year: Register "00" for the years and insert the nb of months.
f8_119_aa	a. Ans		a. Years			
f8_119_b	b. Mois		b. Months			
f8_120	Exercez-vous d'autres activités?	Oui = 1. Non = 2	Do you practice any other job/activity?	Yes=1. No=2	If f8_120 = 2 ► 1.24	
f8_121	Lesquelles ?	Agriculture = 1, Elevage = 2, Agriculture et élevage = 3, Pêche = 4, Petite commerce = 5, Autre = 7	What are they?	Agriculture=1, Breeding=2, Agriculture & breeding=3, Fishing=4, small business=5, other=7		
f8_122	Précisez		Specify			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_123	Quel est votre situation dans cette activité ?	Employé(e) Salarié(e) = 1, .....travailleur familial apportant sa contribution = 5	What is your position within this activity?	Employee wage earner= 1, Family worker making a contribution= 5		
f8_124	Qui vous a choisi comme ASC ?	Infirmier chef de poste = 1, Chef de village/autorité traditionnelle = 2, Communauté = 3, COGES = 4, Maire du village/autorité administrative = 5, Médecin chef de district = 6, Autre = 7	Who chose you as a CHW?	The Nurse in charge =1, Chief of the village/traditional authority= 2, The community= 3, COGES= 4, The mayor of the village/administrative authority= 5, The chief medical doctor of the district= 6, Other=7		
f8_125	Précisez		Specify			
f8_126	Quel est votre rôle en tant qu'ASC ?		What is your role as a CHW?			
f8_126_1	1. Sensibilisation	Oui = 1. Non = 2	1. Sensibilisation	Yes=1. No=2		
f8_126_2	2. Soins aux malades	Oui = 1. Non = 2	2. Patients care	Yes=1. No=2		
f8_126_3	3. Vente/distribution de médicaments	Oui = 1. Non = 2	3. Sales/distribution of drugs	Yes=1. No=2		
f8_126_4	4. Accompagner les populations vers les centres de santé	Oui = 1. Non = 2	4. Escort the people to the different CSPS	Yes=1. No=2		
f8_126_5	5. Conseiller les femmes enceintes	Oui = 1. Non = 2	5. Give counseling to the pregnant women	Yes=1. No=2		
f8_126_6	6. Distribution de moustiquaires imprégnées d'insecticide	Oui = 1. Non = 2	6. Distribution of ITN	Yes=1. No=2		
f8_126_7	7. Autre	Oui = 1. Non = 2	7. Other	Yes=1. No=2		
f8_127	Précisez		Specify			
f8_128	Combien de temps en minutes vous faut-il pour vous rendre à votre CSPS de référence ? Inscrivez la durée pour un aller simple		How long does it take you, in minutes, to reach your CSPS of reference? Consider the time for a one-way trip			
f8_129	Quel moyen de transport utilisez-vous le plus souvent pour vous y rendre SEUL ?	A pieds = 1,, Autre = 11	What mean of transportation do you use to get to your CSPS when you are on your own?	on foot= 1,, Other= 11		
f8_130	Quel moyen de transport utilisez-vous le plus souvent pour vous y rendre AVEC UN MALADE ?	A pieds = 1,, Autre = 11	What mean of transportation do you usually use to get to the CSPS when you are escorting a patient?	on foot,, Other= 11		
f8_131	Au cours des 7 derniers jours, pendant combien d'heures n'avez-vous eu accès à aucun moyen de transport ?	168 HEURES MAXIMUM	In the last 7 days, how many hours did you spend without having any mean of transportation?	168 HOURS MAXIMUM		168 HEURES MAXIMUM / 168 hours maximum

Variable name	Formation		Facility		Jump/Skip	Remarks
	FRENCH		ENGLISH			
	Wording of the question in French	Response options in French	Wording of question in English	Response options in English		
f8_201	Pour chaque sujet mentionné, j'aimerais savoir la date la plus récente à laquelle vous avez reçu une formation :	LIRE CHAQUE OPTION A HAUTE VOIX, Pour chacune des options, inscrire "1" si la formation a eu lieu ya de cela moins d'1 an, "2" si elle a eu lieu ya plus d'1 an, et "3" si l'ASC n'a pas suivi de formation ds ce domaine. Inscrire "1"; "2"; "3" ou "AUTRES" si autres formations préciser lesquelles..	I would like you to tell me the latest date on which you've received training on each of the topics mentioned below:	READ EACH OPTION ALOUD. For each option, register: " 1 " when the training was held LESS than 1 YEAR ago, " 2 " when it was held MORE than 1 YEAR ago, & " 3 " when the CHW did NOT receive ANY training in regards to the specific topic. Register " 1 ", " 2 " OR " 3 ". FOR "OTHER TRAININGS" SPECIFY WHAT THE TRAINING WAS ABOUT.		
f8_201_a	a. Prise en charge intégrée des maladies de l'enfant (PCIME) ou maladies infantiles (infections respiratoires aiguës, diarrhée, fièvre)	Formation il y a moins d'1 an = 1, Formation il y a plus d'1 an = 2, Pas de formation = 3	a. Integrated Management of Childhood Illnesses (IMCI) or childhood illnesses (acute respiratory infections, diarrhea, fever)	Training held less than 1 year= 1, Training held more than 1 year= 2, No trainings= 3		
f8_201_b	b. Planification familiale		b. Family Planing			
f8_201_c	c. Soins prénatals et postnatals		c. Antenatal & Postnatal Care			
f8_201_d	d. Envoi des femmes enceintes à l'établissement de santé pour l'accouchement ou en cas de signaux d'alerte pendant la grossesse		d. Referring pregnant women to the health facility for delivery or in case of alerting signs during the pregnancy			
f8_201_e	e. Accouchement à domicile		e. Deliveries at Home			
f8_201_f	f. Soins aux nouveau-nés		f. Care of Newborns			
f8_201_g	g. Tuberculose		g. Tuberculosis			
f8_201_h	h. Vaccinations		h. Vaccinations			
f8_201_i	i. Paludisme		i. Malaria			
f8_201_j	j. Nutrition de l'enfant		j. Child Nutrition			
f8_201_k	k. Nutrition de la mère		k. Maternal Nutrition			
f8_201_l	l. Assainissement et hygiène domestique		l. Sanitation and domestic hygiene			
f8_201_m	m. Santé mentale		m. Mental Health			
f8_201_n	n. Handicaps		n. Handicaps			
f8_201_o	o. VIH/sida		o. HIV/AIDS			
f8_201_p	p. Collecte / gestion de données		p. Data Collection/Management			
f8_201_q	q. Technologies mobiles		q. Mobile Technology			
f8_201_r	r. Autre		r. Other Training			
f8_202	Précisez :		Specify:			
f8_203	Qui vous a principalement donné ces formations ?	Infirmier chef de poste = 1, Sage-femme/Maieuticien = 2,, Autre = 97	Initially, who delivered the training?	Nurse in charge=1 , Midwife (male/female)=2,, Other=97		
f8_204	Préciser		Specify			Précisez si 2,04 est réponse 7 ou 97 / Specify if the answer to 204 is 7 or 97
f8_205	Y a-t-il des besoins en formation que vous estimez nécessaires pour votre travail actuel?	Oui = 1, Non = 2	Are there any trainings which you consider essential for your current job?	Yes= 1, No= 2		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_206	De quelle formation supplémentaire avez-vous besoin pour votre travail actuel?		What are the additional training which you need for your current job?			NE PAS LIRE CHAQUE OPTION A HAUTE VOIX POUR CHAQUE OPTION, INSCRIRE "1" SI MENTIONNÉ, ET «2» SI RIEN N'EST INDIQUÉ / DON'T READ THE OPTIONS ALOUD, REGISTER "1" IF MENTIONNED, & "2" IF NOT
f8_206_a	a. Prise en charge intégrée des maladies de l'enfant (PCIME) ou maladies infantiles (infections respiratoires aiguës, diarrhée, fièvre)	Oui = 1, Non = 2	a. Integrated Management of Childhood Illnesses (IMCI) or childhood illnesses (acute respiratory infections, diarrhea, fever)	Yes= 1, No= 2		
f8_206_b	b. Planification familiale	Oui = 1, Non = 2	b. Family Planing	Yes= 1, No= 2		
f8_206_c	c. Soins prénatals et postnatals	Oui = 1, Non = 2	c. Antenatal & Postnatal Care	Yes= 1, No= 2		
f8_206_d	d. Envoi des femmes enceintes à l'établissement de santé pour l'accouchement ou en cas de signes d'alerte pendant la grossesse	Oui = 1, Non = 2	d. Referring pregnant women to the health facility for delivery or in case of alerting signs during the pregnancy	Yes= 1, No= 2		
f8_206_e	e. Accouchement à domicile	Oui = 1, Non = 2	e. Deliveries at Home	Yes= 1, No= 2		
f8_206_f	f. Soins aux nouveau-nés	Oui = 1, Non = 2	f. Care of Newborns	Yes= 1, No= 2		
f8_206_g	g. Tuberculose	Oui = 1, Non = 2	g. Tuberculosis	Yes= 1, No= 2		
f8_206_h	h. Vaccinations	Oui = 1, Non = 2	h. Vaccinations	Yes= 1, No= 2		
f8_206_i	i. Paludisme	Oui = 1, Non = 2	i. Malaria	Yes= 1, No= 2		
f8_206_j	j. Nutrition de l'enfant	Oui = 1, Non = 2	j. Child Nutrition	Yes= 1, No= 2		
f8_206_k	k. Nutrition de la mère	Oui = 1, Non = 2	k. Maternal Nutrition	Yes= 1, No= 2		
f8_206_l	l. Assainissement et hygiène domestique	Oui = 1, Non = 2	l. Sanitation and domestic hygiene	Yes= 1, No= 2		
f8_206_m	m. Santé mentale	Oui = 1, Non = 2	m. Mental Health	Yes= 1, No= 2		
f8_206_n	n. Handicaps	Oui = 1, Non = 2	n. Handicaps	Yes= 1, No= 2		
f8_206_o	o. VIH/sida	Oui = 1, Non = 2	o. HIV/AIDS	Yes= 1, No= 2		
f8_206_p	p. Collecte / gestion de données	Oui = 1, Non = 2	p. Data Collection/Management	Yes= 1, No= 2		
f8_206_q	q. Technologies mobiles	Oui = 1, Non = 2	q. Mobile Technology	Yes= 1, No= 2		
f8_206_r	r. Autre, préciser :	Oui = 1, Non = 2	r. Other Training, specify:	Yes= 1, No= 2		
f8_207	Précisez :		Specify:			

	Activités		Activities			
	FRENCH		ENGLISH			
Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_301	Combien de villages font partie de votre zone de responsabilité ?	Ecrire le nombre	How many villages are considered within your area of responsibility?	Write the number		(Notez 01 s' il s'agit seulement du village de l'ASC) / Register 1 if the CHW is ONLY responsible of his/her own village
f8_302	Combien de ménages font partie de votre zone de responsabilité ?	1 à 50 = 1, 51 à 100 = 2, 101 à 500 = 3, 501 à 1000 = 4, Plus de 1000 = 5	How many households are considered within your area of responsibility?	1 to 50= 1, 51 to 100= 2, 101 to 500= 3, 501 to 1000= 4, More than 1000= 5		Enquêteur : demandez le nombre exact et cochez en fonction de la réponse donnée / Interviewer: Ask about the exact number & check the box in accordance to the answer you get
f8_303	À combien de foyers avez-vous rendu visite le mois dernier ?	NOMBRE DE FOYERS	How many households(HH) did you visit last month?	Number of HH		ENQUÊTEUR: VEUILLEZ NOTER 98 SI L'ASC NE SAIT PAS / Investigator: Please register 98 when the CHW doesn't know the answer
f8_304	Où les patients/personnes de la communauté vous retrouvent-ils pour des soins ou des conseils ?	A mon domicile = 1, Au CSPS = 2, Dans une case/lieu spécifique pour les soins dans la communauté = 3, Au domicile du malade = 4, Autre = 5	Where can the patients/people of the community find you to receive care/for advice?	At my place= 1, At the CSPS= 2, In a specific location designated for care in the community= 3, At the patient's home= 4, Other= 5.		
f8_305	Précisez :		Specify:			
f8_306	Combien de temps en minutes vous faut-il pour vous rendre de votre village au village <u>le plus éloigné</u> de votre aire de responsabilité ?		How many minutes do you need from your village to reach the <u>furthest village</u> which falls under your area of responsibility?			ENQUÊTEUR: VEUILLEZ NOTER LA DUREE POUR UN ALLER SIMPLE; 98 SI NON APPLICABLE / INTERVIEWER: PLEASE INDICATE THE TIME NEEDED FOR A ONE-WAY TRIP; RRGISTER 98 WHEN IT'S NOT APPLICABLE
f8_307	Avez-vous des horaires de travail spécifiques ?	Oui = 1, Non = 2	Do you have a set working schedule?	Yes= 1, No= 2.	if f8_307 = 2 ► 3,09	
f8_308	Si oui, dites nous combien d'heures vous travaillez par jour pour chacun des jours suivants ?		If yes, tell us how many hours do you work for each of the following days.			
f8_308_a	a. Lundi		a. Monday			
f8_308_b	b. Mardi		b. Tuesday			
f8_308_c	c. Mercredi		c. Wednesday			
f8_308_d	d. Jeudi		d. Thursday			
f8_308_e	e. Vendredi		e. Friday			
f8_308_f	f. Week-end et jours fériés		f. Weekend and holidays			
f8_309	A combien d'heures en moyenne par semaine estimez-vous votre		On average, how many hours per week do you estimate working?			
f8_309_a	a. En saison sèche		a. During the druy season			
f8_309_b	b. En saison des pluies		b. During the rainy season			
f8_310	Organisez-vous des causeries, réunions de sensibilisation, IEC	Oui = 1, Non = 2	Do you organize talks, awareness meetings, IEC for the community?	Yes= 1, No= 2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_311	Où organisez-vous des causeries, réunions de sensibilisation, IEC dans la communauté ?	A mon domicile = 1, Au CSPS = 2, Dans une case/lieu spécifique pour les soins dans la communauté = 3, Lieu central dans le village/arbre à palabres = 4, Autre = 5	Where do you hold these talks, awareness meetings, and IEC?	At my place= 1, At the CSPS= 2, In a specific location designated for care in the community= 3, Central location in the village/ Palavar tree= 4, Other= 5.		
f8_312	Précisez		Specify:			
f8_313	Combien de causeries avez-vous organisé au cours du dernier mois ?	NOMBRE DE CAUSERIES	How many talks did you organize in the last month?	Number of talks		
f8_314	Combien d'enfants malades avez-vous accompagné au CSPS pour des soins au cours du dernier mois ?	NOMBRE DE MALADES ACCOMPAGNES	How many sick child did you escort to receive care at the CSPS in the last month?	Number of sick children escorted to the CSPS		
f8_315	Combien de femmes avez-vous accompagné au CSPS pour des consultations prénatales au cours du dernier mois ?	NOMBRE DE FEMMES ENCEINTES ACCOMPAGNEES POUR CPN	How many woman did you escort to have a prenatal care at the CSPS in the last month?	Number of pregnant women escorted to the CSPS		
f8_316	Combien de femmes avez-vous accompagné au CSPS pour un accouchement au cours du dernier mois ?	NOMBRE DE FEMMES ACCOMPAGNEES POUR ACCOUCHEMENT	How many woman did you escort to deliver at the CSPS in the last month?	Number of pregnant women escorted to the CSPS for delivery		
f8_317	Combien de patients avez-vous reçu au cours du dernier mois pour des soins ?		How many patients who needed care have you received in the last month?			
f8_317_a	a. Nombre d'enfants malades		a. Number of ill children			
f8_317_b	b. Nombre d'adultes en cas de maladie ou de blessure		b. Number of adults having an illness or an injury			
f8_318	Combien de patients avez-vous reçu au cours du dernier mois pour des conseils ?		How many patients who needed advice have you received in the last month?			
f8_318_a	a. Conseils pour des enfants sains		a. Advice for healthy children			
f8_318_b	b. Conseil pour des enfants malades		b. Advice for ill children			
f8_318_c	c. Conseil pour des femmes enceintes		c. Advice for pregnant women			
f8_318_d	d. Conseils pour des adultes en cas de maladie ou de blessure		d. Advice for adults in case of a disease or an injury			
f8_318_e	e. Conseils pour des adultes sains		e. Advice for healthy adults			
f8_319	Y a-t-il des accoucheuses traditionnelles dans votre village ?	Oui = 1, Non = 2	Are there any traditional birth attendants in your sector?	Yes= 1, No= 2.		
f8_320	Travaillez-vous en collaboration avec des accoucheuses	Oui = 1, Non = 2	Do you collaborate with the traditional birth attendants of your	Yes= 1, No= 2.		
f8_321	A quelle fréquence rencontrez-vous les accoucheuses traditionnelles ?	Réunion par semaine = 1, Réunion chaque deux semaines = 2, Réunion mensuelle = 3, Réunion trimestrielle = 4, Pas de rencontre = 5	How frequently do you meet with the traditional birth attendants?	1 meeting/week= 1, 1 meeting/ 2 weeks= 2, 1 meeting monthly= 3, 1 meeting every 3 month= 4, No meetings= 5.		
f8_322	Travaillez-vous en collaboration avec le autres ASC ?	Oui = 1, Non = 2	Do you collaborate with the other CHW?	Yes= 1, No= 2.	if f8_321 = 2 ► 3,24	
f8_323	A quelle fréquence rencontrez-vous les autres ASC ?	Réunion par semaine = 1, Réunion chaque deux semaines = 2, Réunion mensuelle = 3, Réunion trimestrielle = 4, Pas de rencontre = 5	How frequently do you meet with the other CHW?	1 meeting/week= 1, 1 meeting/ 2 weeks= 2, 1 meeting monthly= 3, 1 meeting every 3 month= 4, No meetings= 5.	if f8_323 = 2 ► 3,26	
f8_324	Travaillez-vous en collaboration avec le CSPS ?	Oui = 1, Non = 2	Do you collaborate with the CSPS?	Yes= 1, No= 2.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_325	A quelle fréquence rencontrez-vous l'équipe du CSPS ?	En cas de besoin = 1, Réunion par semaine = 2, Réunion chaque deux semaines = 3, Réunion mensuelle = 4, Réunion trimestrielle = 5, Pas de rencontre = 6	How frequently do you meet with the team of the CSPS?	When needed= 1, 1 meeting/week= 2, 1 meeting/ 2 weeks= 3, 1 meeting monthly= 4, 1 meeting every 3 month= 5, No meetings= 6.		
f8_326	Parmi les services suivants, lesquels avez-vous fournis au cours des 3 derniers mois ?		Which of the following services have you delivered in the last 3 months?			ENQUÊTEUR : LIRE À HAUTE VOIX TOUTES LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" SI LE SERVICE A ÉTÉ FOURNI, SINON "2" / INTERVIEWER: Read aloud all the answers. For each answer, write "1" if the service has been delivered, if not then write "2"
f8_326_a	a. Soigner des enfants malades		a. Treating sick children			
f8_326_b	b. Envoyer des enfants très malades se faire soigner dans un établissement de santé		b. Referring severely ill children to the health facility for treatment			
f8_326_c	c. Envoyer des enfants se faire vacciner		c. Referring children for vaccination			
f8_326_d	d. Participer à une campagne de vaccination sur le terrain		d. Taking part on the field in a vaccination campaign			
f8_326_e	e. Donner des consultations à des adultes		e. Providing consultation services for adults			
f8_326_f	f. Indiquer des méthodes d'espacement des naissances (en dehors des préservatifs)		f. Indicating birth spacing methods (beside condoms)			
f8_326_g	g. Donner des comprimés de fer et des conseils nutritionnels aux femmes enceintes		g. Giving pregnant women Iron tablets and nutritional advice			
f8_326_h	h. Envoyer des femmes enceintes à des consultations prénatales ou se faire vacciner contre le tétanos		h. Referring pregnant women for antenatal consultation or tetanus vaccination			
f8_326_i	i. Superviser des accouchements à domicile		i. Supervising deliveries happening at home			
f8_326_k	j. Envoyer des femmes enceintes consulter en cas de signaux d'alerte		j. Referring pregnant women for consultation when having alarming signs			
f8_326_k	k. Dispenser des soins postnatals		k. Delivering postnatal care			
f8_326_l	l. Dispenser des soins à des nouveau-nés		l. Delivering care for newborns			
f8_326_m	m. Envoyer des femmes enceintes accoucher en milieu médical		m. Referring pregnant women to deliver in medical centers			
f8_326_n	n. Superviser un traitement sous surveillance directe contre la tuberculose		n. Supervising antituberculosis treatment			
f8_326_o	o. Soigner contre le paludisme		o. Treating malaria			
f8_326_p	p. Distribuer des moustiquaires		p. Distributing ITN			
f8_326_q	q. Dispenser des conseils et envoyer consulter pour des problèmes de santé mentale		q. Offering advices and referring patients with mental issues for consultation			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_326_r	r. Dispenser des conseils et envoyer consulter pour des problèmes d'handicaps		r. Offering advices and refering patients with handicaps for consultation			
f8_326_s	s. Fournir des services d'éducation sanitaire		s. Providing health education			
f8_326_t	t. Distribuer des préservatifs		t. Distribution of condoms			
f8_326_u	u. Distribuer de la vitamine A à des enfants âgés de 6 à 59 mois et/ou à des mères allaitantes		u. Distribution of vit A to infants between 6 and 59 months and/or the breast feeding mothers			
f8_326_v	v. Distribuer une solution de désinfection de l'eau (type SurEau)		v. Distribution of a water disinfectant (SurEau type)			
f8_326_w	w. Autre, préciser :		w. Other, specify:			
f8_326_wsp ec	Préciser :		Specify:			

Questionnaire F8

	Ressources		Resources			
	FRENCH		ENGLISH			
Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_401	Au cours des 12 derniers mois, un centre de santé vous a-t-il apporté un appui dans les domaines suivants ?		During the last 12 months, did you receive any support from any health center in the following areas?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON. Investigator: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_401_a	a. Paiements pour les services de santé que vous avez assurés	Oui = 1, Non = 2	a. Payments for the health services that you provided	Yes = 1, No = 2		
f8_401_b	b. Paiements en fonction de vos performances en tant qu'agent de santé communautaire	Oui = 1, Non = 2	b. Payments based on your performance as a CHW	Yes = 1, No = 2		
f8_401_c	c. Aide directe (ex. : terrain, fournitures, matériel)	Oui = 1, Non = 2	c. Direct assistance (e.g.: field, supplies, materials)	Yes = 1, No = 2		
f8_401_d	d. Mobilisation de la population pour l'encourager à utiliser les services de santé	Oui = 1, Non = 2	d. Mobilizing the populations to encourage them to use health services	Yes = 1, No = 2		
f8_401_e	e. Promotion de programmes sanitaires	Oui = 1, Non = 2	e. Health program promotion	Yes = 1, No = 2		
f8_401_f	f. Manifestations d'appréciation / reconnaissance du travail	Oui = 1, Non = 2	f. Expressions of appreciation / recognition of the work	Yes = 1, No = 2		
f8_401_g	g. Vérification des rapports d'activité de l'agent de santé communautaire, supervision	Oui = 1, Non = 2	g. Verification of the activity reports of the CHW, supervision	Yes = 1, No = 2		
f8_401_h	h. Contributions en nature (ex. : nourriture, vêtements, cadeaux)	Oui = 1, Non = 2	h. Non-monetary contributions (e.g.: food, clothing, gifts)	Yes = 1, No = 2		
f8_401_i	i. Formation ou instructions relatives à des services de santé	Oui = 1, Non = 2	i. Trainings or instructions related to health services	Yes = 1, No = 2		
f8_401_j	j. Formation ou instructions relatives à des aspects administratifs et aux rapports d'activités	Oui = 1, Non = 2	j. Trainings or instructions regarding administrative aspect and activity reports	Yes = 1, No = 2		
f8_401_k	k. Assistance générale	Oui = 1, Non = 2	k. General assistance	Yes = 1, No = 2		
f8_401_l	l. Discussion sur les performances de l'agent de santé communautaire	Oui = 1, Non = 2	l. Discussions over the CHW performance	Yes = 1, No = 2		
f8_401_m	m. Transport (ex. : vélo, bon de transport)	Oui = 1, Non = 2	m. Transportation (e.g.: bicycle, travel voucher)	Yes = 1, No = 2		
f8_401_n	n. Accès à des technologies mobiles (téléphone ou autre appareil portable)	Oui = 1, Non = 2	n. Access to mobile technologies (telephone or other portable device)	Yes = 1, No = 2		
f8_401_o	o. Autre	Oui = 1, Non = 2	o. Other	Yes = 1, No = 2		
f8_401_spec	Précisez :		Specify:			
f8_402	Au cours des 12 derniers mois, les autorités gouvernementales vous ont-elles apporté un appui dans les domaines suivants ?		During the last 12 months, did any of the governmental authorities provide you with support on any of the following areas?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON. Investigator: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_402_a	a. Paiements pour les services de santé que vous avez assurés	Oui = 1, Non = 2	a. Payments for the health services that you provided	Yes = 1, No = 2		
f8_402_b	b. Paiements en fonction de vos performances en tant qu'agent de santé communautaire	Oui = 1, Non = 2	b. Payments based on your performance as a CHW	Yes = 1, No = 2		

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Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_402_c	c. Aide directe (ex. : terrain, fournitures, matériel)	Oui = 1, Non = 2	c. Direct assistance (e.g.: field, supplies, materials)	Yes = 1, No = 2		
f8_402_d	d. Mobilisation de la population pour l'encourager à utiliser les services de santé	Oui = 1, Non = 2	d. Mobilizing the populations to encourage them to use health services	Yes = 1, No = 2		
f8_402_e	e. Promotion de programmes sanitaires	Oui = 1, Non = 2	e. Health program promotion	Yes = 1, No = 2		
f8_402_f	f. Manifestations d'appréciation / reconnaissance du travail	Oui = 1, Non = 2	f. Expressions of appreciation / recognition of the work	Yes = 1, No = 2		
f8_402_g	g. Vérification des rapports d'activité de l'agent de santé communautaire, supervision	Oui = 1, Non = 2	g. Verification of the activity reports of the CHW, supervision	Yes = 1, No = 2		
f8_402_h	h. Contributions en nature (ex. : nourriture, vêtements, cadeaux)	Oui = 1, Non = 2	h. Non-monetary contributions (e.g.: food, clothing, gifts)	Yes = 1, No = 2		
f8_402_i	i. Formation ou instructions relatives à des services de santé	Oui = 1, Non = 2	i. Trainings or instructions related to health services	Yes = 1, No = 2		
f8_402_j	j. Formation ou instructions relatives à des aspects administratifs et aux rapports d'activités	Oui = 1, Non = 2	j. Trainings or instructions regarding administrative aspect and activity reports	Yes = 1, No = 2		
f8_402_k	k. Assistance générale	Oui = 1, Non = 2	k. General assistance	Yes = 1, No = 2		
f8_402_l	l. Discussion sur les performances de l'agent de santé communautaire	Oui = 1, Non = 2	l. Discussions over the CHW performance	Yes = 1, No = 2		
f8_402_m	m. Transport (ex. : vélo, bon de transport)	Oui = 1, Non = 2	m. Transportation (e.g.: bicycle, travel voucher)	Yes = 1, No = 2		
f8_402_n	n. Accès à des technologies mobiles (téléphone ou autre appareil portable)	Oui = 1, Non = 2	n. Access to mobile technologies (telephone or other portable device)	Yes = 1, No = 2		
f8_402_o	o. Autre	Oui = 1, Non = 2	o. Other	Yes = 1, No = 2		
f8_402_spec	Précisez :		Specify:			
f8_403	Au cours des 12 derniers mois, une organisation non gouvernementale vous a-t-elle apporté un appui dans les domaines suivants ?		During the last 12 months, did any of the governmental organizations provide you with support on any of the following areas?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON.
f8_403_a	a. Paiements pour les services de santé que vous avez assurés	Oui = 1, Non = 2	a. Payments for the health services that you provided	Yes = 1, No = 2		Investigator: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_403_b	b. Paiements en fonction de vos performances en tant qu'agent de santé communautaire	Oui = 1, Non = 2	b. Payments based on your performance as a CHW	Yes = 1, No = 2		
f8_403_c	c. Aide directe (ex. : terrain, fournitures, matériel)	Oui = 1, Non = 2	c. Direct assistance (e.g.: field, supplies, materials)	Yes = 1, No = 2		
f8_403_d	d. Mobilisation de la population pour l'encourager à utiliser les services de santé	Oui = 1, Non = 2	d. Mobilizing the populations to encourage them to use health services	Yes = 1, No = 2		
f8_403_e	e. Promotion de programmes sanitaires	Oui = 1, Non = 2	e. Health program promotion	Yes = 1, No = 2		
f8_403_f	f. Manifestations d'appréciation / reconnaissance du travail	Oui = 1, Non = 2	f. Expressions of appreciation / recognition of the work	Yes = 1, No = 2		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_403_g	g. Vérification des rapports d'activité de l'agent de santé communautaire, supervision	Oui = 1, Non = 2	g. Verification of the activity reports of the CHW, supervision	Yes = 1, No = 2		
f8_403_h	h. Contributions en nature (ex. : nourriture, vêtements, cadeaux)	Oui = 1, Non = 2	h. Non-monetary contributions (e.g.: food, clothing, gifts)	Yes = 1, No = 2		
f8_403_i	i. Formation ou instructions relatives à des services de santé	Oui = 1, Non = 2	i. Trainings or instructions related to health services	Yes = 1, No = 2		
f8_403_j	j. Formation ou instructions relatives à des aspects administratifs et aux rapports d'activités	Oui = 1, Non = 2	j. Trainings or instructions regarding administrative aspect and activity reports	Yes = 1, No = 2		
f8_403_k	k. Assistance générale	Oui = 1, Non = 2	k. General assistance	Yes = 1, No = 2		
f8_403_l	l. Discussion sur les performances de l'agent de santé communautaire	Oui = 1, Non = 2	l. Discussions over the CHW performance	Yes = 1, No = 2		
f8_403_m	m. Transport (ex. : vélo, bon de transport)	Oui = 1, Non = 2	m. Transportation (e.g.: bicycle, travel voucher)	Yes = 1, No = 2		
f8_403_n	n. Accès à des technologies mobiles (téléphone ou autre appareil portable)	Oui = 1, Non = 2	n. Access to mobile technologies (telephone or other portable device)	Yes = 1, No = 2		
f8_403_o	o. Autre	Oui = 1, Non = 2	o. Other	Yes = 1, No = 2		
f8_403_spec	Précisez :		Specify:			
f8_404	Au cours des 12 derniers mois, la communauté vous a-t-elle apporté un appui dans les domaines suivants ?		During the last 12 months, did any of the community provide you with support on any of the following areas?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON. Investigator: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_404_a	a. Paiements pour les services de santé que vous avez assurés	Oui = 1, Non = 2	a. Payments for the health services that you provided	Yes = 1, No = 2		
f8_404_b	b. Paiements en fonction de vos performances en tant qu'agent de santé communautaire	Oui = 1, Non = 2	b. Payments based on your performance as a CHW	Yes = 1, No = 2		
f8_404_c	c. Aide directe (ex. : terrain, fournitures, matériel)	Oui = 1, Non = 2	c. Direct assistance (e.g.: field, supplies, materials)	Yes = 1, No = 2		
f8_404_d	d. Mobilisation de la population pour l'encourager à utiliser les services de santé	Oui = 1, Non = 2	d. Mobilizing the populations to encourage them to use health services	Yes = 1, No = 2		
f8_404_e	e. Promotion de programmes sanitaires	Oui = 1, Non = 2	e. Health program promotion	Yes = 1, No = 2		
f8_404_f	f. Manifestations d'appréciation / reconnaissance du travail	Oui = 1, Non = 2	f. Expressions of appreciation / recognition of the work	Yes = 1, No = 2		
f8_404_g	g. Vérification des rapports d'activité de l'agent de santé communautaire, supervision	Oui = 1, Non = 2	g. Verification of the activity reports of the CHW, supervision	Yes = 1, No = 2		
f8_404_h	h. Contributions en nature (ex. : nourriture, vêtements, cadeaux)	Oui = 1, Non = 2	h. Non-monetary contributions (e.g.: food, clothing, gifts)	Yes = 1, No = 2		
f8_404_i	i. Formation ou instructions relatives à des services de santé	Oui = 1, Non = 2	i. Trainings or instructions related to health services	Yes = 1, No = 2		
f8_404_j	j. Formation ou instructions relatives à des aspects administratifs et aux rapports d'activités	Oui = 1, Non = 2	j. Trainings or instructions regarding administrative aspect and activity reports	Yes = 1, No = 2		
f8_404_k	k. Assistance générale	Oui = 1, Non = 2	k. General assistance	Yes = 1, No = 2		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_404_l	l. Discussion sur les performances de l'agent de santé communautaire	Oui = 1, Non = 2	l. Discussions over the CHW performance	Yes = 1, No = 2		
f8_404_m	m. Transport (ex. : vélo, bon de transport)	Oui = 1, Non = 2	m. Transportation (e.g.: bicycle, travel voucher)	Yes = 1, No = 2		
f8_404_n	n. Accès à des technologies mobiles (téléphone ou autre appareil portable)	Oui = 1, Non = 2	n. Access to mobile technologies (telephone or other portable device)	Yes = 1, No = 2		
f8_404_o	o. Autre	Oui = 1, Non = 2	o. Other	Yes = 1, No = 2		
f8_404_spec	Précisez :		Specify:			
f8_405	Au cours des 12 derniers mois, de quelle manière les autres agents de santé communautaires de votre communauté vous ont-ils apporté un appui ?		During the last 12 months, how did the other CHW of your community provide you with support?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" POUR OUI, OU "2" POUR NON.
f8_405_a	a. Assistance pendant les visites à domicile	Oui = 1, Non = 2	a. Assistance during home visits	Yes = 1, No = 2		Interviewer: Read aloud the possible answers. For each answer, note: "1" for Yes, or "2" for No.
f8_405_b	b. Partage de fournitures (médicaments, matériel)	Oui = 1, Non = 2	b. Sharing supplies (drugs, materials)	Yes = 1, No = 2		
f8_405_c	c. Conseils pour envoyer des patients se faire soigner dans un établissement de santé	Oui = 1, Non = 2	c. Advice to refer patients to seek treatment at a health center	Yes = 1, No = 2		
f8_405_d	d. Échanges de savoirs en matière de santé	Oui = 1, Non = 2	d. Exchange of knowledge in the subject of health	Yes = 1, No = 2		
f8_405_e	e. Aide pour sensibiliser la population aux campagnes de vaccination	Oui = 1, Non = 2	e. Assistance in raising awareness around immunization (vaccination campaigns)	Yes = 1, No = 2		
f8_405_f	f. Aide pour sensibiliser la population à l'importance de se faire soigner	Oui = 1, Non = 2	f. Assistance in raising awareness around the importance of seeking treatment	Yes = 1, No = 2		
f8_405_g	g. Aide pour remplir les rapports d'activités	Oui = 1, Non = 2	g. Assistance in completing the activity reports	Yes = 1, No = 2		
f8_405_h	h. Transmission à l'établissement de santé des problèmes rencontrés par l'agent de santé communautaire	Oui = 1, Non = 2	h. Communicating to the health facility the problems encountered by the CHW	Yes = 1, No = 2		
f8_405_i	i. Autre, préciser :	Oui = 1, Non = 2	i. Other, specify:	Yes = 1, No = 2		
f8_405_spec						
f8_406	Avez-vous déjà reçu un kit d'agent de santé communautaire comprenant des fournitures et des médicaments essentiels ?	Oui = 1, Non = 2	Have you already received a CHW kit containing supplies and essential drugs?	Yes = 1, No = 2	if f8_406 =2 ► 4.01	
f8_407	Partagez-vous ce kit avec d'autres agents de santé communautaires ?	Oui = 1, Non = 2	Do you share this kit with other CHW?	Yes = 1, No = 2	if f8_407 =2 ► 4.09	
f8_408	Avec combien d'autres agents de santé communautaires partagez-vous le kit ?		How many CHW share this kit with you?			
f8_409	Parmi les articles suivants, lesquels avez-vous actuellement en stock dans le kit d'agent de santé communautaire ?		Which of the following items do you have currently in stock in your CHW kit?			ENQUÊTEUR : LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER LES CODES

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_409_a	a. Pilules contraceptives	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	a. Contraceptive pills	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		SUIVANTS : Interviewer: Read aloud all the possible answers. For each answer, note the following codes:
f8_409_b	b. Préservatifs (masculins ou féminins)	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	b. Condoms (males and females)	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_c	c. Colliers du cycle	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	c. Cycle beads	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_d	d. Contraceptifs injectables	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	d. Injectable contraceptives	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_e	e. Médicaments antipaludiques	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	e. Antimalarian drugs	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_f	f. SRO	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	f. ORS	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_g	g. Zinc	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	g. Zinc	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_h	h. Amoxicilline	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	h. Amoxicilline	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_i	i. Mébendazole	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	i. Mebendazole	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_j	j. Paracétamol/Aspirine	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	j. Paracetamol/Aspirine	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_k	k. Vitamine A	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	k. Vitamin A	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_l	l. Moustiquaires	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	l. ITN	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_m	m. Médicaments antituberculeux	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	m. Drugs for tuberculosis	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_409_n	n. Mètre-ruban pour mesurer la circonférence du bras	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	n. Measurement tape to measure the circumference of the arm	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_o	o. Formulaires d'envoi des patients	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	o. Referral forms for patients	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_p	p. Chronomètre	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	p. Timer (stopwatch)	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_q	q. Registres de santé	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	q. Health registers	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_r	r. Autre	Stock complet actuellement = 1, Stock incomplet actuellement = 2, En stock en temps normal, mais pas aujourd'hui = 3, Pas en stock en temps normal = 4	r. Other	Currently complete stock = 1, Currently incomplete stock = 2, Usually in stock, but not today = 3, Usually not in stock = 4		
f8_409_spec	Précisez :		Specify:			
f8_410	Quelles sont les principales difficultés que vous rencontrez dans votre travail ?		What are the main challenges you face during your work?			ENQUÊTEUR : NE PAS LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" SI ELLE EST CITÉE, OU "2" SI ELLE NE L'EST PAS.
f8_410_a	a. Les enfants sont amenés au poste de santé trop tard	Mentionné = 1, Non Mentionné = 2	a. The children are sent to the health facility too late	Mentionned = 1, Not mentioned = 2		Investigator: DO NOT Read aloud the possible answers. For each answer, note: "1" when it is mentioned, or "2" it's Not.
f8_410_b	b. Moyens de transport insuffisants ou inexistant	Mentionné = 1, Non Mentionné = 2	b. Inadequate/inexistent means of transportation	Mentionned = 1, Not mentioned = 2		
f8_410_c	c. Manque de volontaires/Demande de services trop importante	Mentionné = 1, Non Mentionné = 2	c. Lack of volunteers/Excessive service requests	Mentionned = 1, Not mentioned = 2		
f8_410_d	d. Salaire / Rémunération insuffisante	Mentionné = 1, Non Mentionné = 2	d. Inadequate salary/renumeration	Mentionned = 1, Not mentioned = 2		
f8_410_e	e. Manque de formation/Manque de connaissances	Mentionné = 1, Non Mentionné = 2	e. Lack of trainings/lack of knowledge	Mentionned = 1, Not mentioned = 2		
f8_410_f	f. Manque de retour sur le travail réalisé	Mentionné = 1, Non Mentionné = 2	f. Lack of feedback on the work done	Mentionned = 1, Not mentioned = 2		
f8_410_g	g. Manque de temps	Mentionné = 1, Non Mentionné = 2	g. Limited time	Mentionned = 1, Not mentioned = 2		
f8_410_h	h. Manque de motivations	Mentionné = 1, Non Mentionné = 2	h. Lack of motivation	Mentionned = 1, Not mentioned = 2		
f8_410_i	i. Insécurité	Mentionné = 1, Non Mentionné = 2	i. Insecurity	Mentionned = 1, Not mentioned = 2		
f8_410_j	j. Manque de fourniture et de médicaments	Mentionné = 1, Non Mentionné = 2	j. Medications and supplies are limited	Mentionned = 1, Not mentioned = 2		
f8_410_k	k. Manque de matériel	Mentionné = 1, Non Mentionné = 2	k. Lack of material	Mentionned = 1, Not mentioned = 2		
f8_410_l	l. Manque de supervision	Mentionné = 1, Non Mentionné = 2	l. Lack of supervision	Mentionned = 1, Not mentioned = 2		
f8_410_m	m. Manque de communication avec la formation sanitaire	Mentionné = 1, Non Mentionné = 2	m. Limited communication with the clinic	Mentionned = 1, Not mentioned = 2		
f8_410_n	n. Manque de coordination avec la formation sanitaire	Mentionné = 1, Non Mentionné = 2	n. Limited coordination with the clinic	Mentionned = 1, Not mentioned = 2		
f8_410_o	o. Manque de soutien de la communauté	Mentionné = 1, Non Mentionné = 2	o. Limited support from the community	Mentionned = 1, Not mentioned = 2		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_410_p	p. Manque de coordination avec le COGES	Mentionné = 1, Non Mentionné = 2	p. Limited coordination with the COGES	Mentionned = 1, Not mentioned = 2		
f8_410_q	q. Absence de COGES	Mentionné = 1, Non Mentionné = 2	q. Absence of the COGES	Mentionned = 1, Not mentioned = 2		
f8_410_r	r. Trop de travail	Mentionné = 1, Non Mentionné = 2	r. Too much work	Mentionned = 1, Not mentioned = 2		
f8_410_s	S. Autre	Mentionné = 1, Non Mentionné = 2	s. Other	Mentionned = 1, Not mentioned = 2		
f8_410_spec	Précisez :		Specify:			
f8_411	Faites-vous toujours un examen médical du patient avant de lui donner des médicaments ?	Oui, toujours = 1, Oui, la plupart du temps = 2, Non, jamais = 3	Do you always examin the patient before prescribing drugs?	Yes, always = 1, Yes, mostly = 2, No, never = 3	If f8_411 = 1 ► 4,13	
f8_412	Pour quelles raisons ne faites vous pas toujours / jamais d'examen médical ?	Pas formé pour cela = 1, Pas le temps = 2, Pas le materiel necessaire = 3, Patients viennent en sachant ce qu'ils veulent comme médicament = 4	What are the reasons that keeps you from always/sometimes examining the patients?	Not trained for this = 1, No time= 2, Don't have the needed equipment = 3, Patients know already what medecin they want = 4		
f8_413	Arrive t-il que quelqu'un n'ait pas les moyens pour s'acheter les medicaments?	Pas souvent = 1, Souvent = 2, Très souvent = 3, Non = 4	Has it ever happened that someone did not have the means to buy himself the prescribed medication?	Not often = 1, Often = 2, Usually= 3, No= 4	If f8_413 = 4 ► 4,15	
f8_414	Que se passe t-il dans ce cas ?	Vente à credit = 1, Ne vend pas = 2	What happens in that case?	Sell on credit = 1, doesn't sell = 2		
f8_415	Que faites vous en cas de rupture?	Ne fait rien = 1, S'approvisionne au niveau de la formation sanitaire = 2, Approvisionnement marché/vendeur ambulant = 3, approvisionnement pharmacie privée = 4, autre = 7	What do you do when out of stock?	Does nothing = 1, restock from the health facility = 2, restock from the ambulant market/salesmen = 3, restock from a privat pharmacy = 4, other = 7		
f8_416	Précisez :		specify:			
f8_417	Avez-vous des/une trousse/sac dans lequel vous avez votre matériel de travail quand vous vous déplacez ?	Oui = 1, Non = 2	During your travels do you carry a kit/bag where you keep your working?	Yes = 1, No = 2		
f8_418	Avez-vous un téléphone portable avec lequel on peut vous joindre en cas de maladie ou de questions ?	Oui = 1, Non = 2	Do you carry a mobile phone on which people can reach you in case of diseases or questions?	Yes = 1, No = 3		

	Conditions de travail		Work conditions			
	FRENCH		ENGLISH			
Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_501	Est ce que vous recevez actuellement un salaire ?	Oui = 1, Non = 2	Do you currently receive a salary?	Yes= 1, No= 2.		
f8_502	Quel est le montant de ce salaire ?	Enquêteur : Ecrire le montant ici	What is the amount of money you receive as a salary?	Investigator: Write the amount here		
f8_503	A quelle fréquence le recevez-vous ?	Chaque mois = 1, Tous les trois mois = 2, Tous les six mois = 3, Chaque année = 3, Chaque année = 4, Irregulier/Ponctuellement = 5, Autre = 7	At what frequency are you receiving your salary?	Every month= 1, Every 3 montsh= 2, every 6 months= 3, Every year= 4, At irregular times= 5, Other= 7.		
f8_504	Est ce que vous recevez actuellement une prime basée sur votre performance ?	Oui = 1, Non = 2	Currently are you receiving a bonus based on your performance?	Yes= 1, No= 2.		
f8_505	Quel est le montant de total reçue pour cette prime au cours des 3	Enquêteur : Ecrire le montant ici	What is the amount of money you have received as a bonus in the last	Investigator: Write the amount here		
f8_505	A quelle fréquence la recevez-vous ?	Chaque mois = 1, Tous les trois mois = 2, Tous les six mois = 3, Chaque année = 3, Chaque année = 4, Irregulier/Ponctuellement = 5, Autre = 7	At what frequency are you receiving your bonus?	Every month= 1, Every 3 montsh= 2, every 6 months= 3, Every year= 4, At irregular times= 5, Other= 7.		
f8_506	Est-ce que vous recevez des avantages en nature ?	Oui = 1, Non = 2	Do you receive any benefits (non-monetary)?	Yes= 1, No= 2.		
f8_507	Quel est la valeur monétaire des avantages en nature que vous avez reçus au cours des trois derniers mois?		What is the monetary value of the benefits you have received during the last 3 months?			
f8_508	Pendant combien de temps pensez-vous encore continuer à être ASC?	Quelques mois = 1, Quelques années = 2, Toute ma vie = 3	For how much longer are you considering to continue being a CHW?	Few months= 1, Few years= 2, For the rest of my life= 3		
f8_509	Qu'est-ce qui pourrait vous permettre de mieux exercer votre travail ?	Une meilleure organisation dans le travail = 1, .....Autre = 97	What will help you to improve your job?	A better work organization= 1,... Other= 97		Notez 3 réponses possibles / Note 3 possible answers
	Précisez :		Specify			
f8_510	Que pourrait faire la communauté pour vous aider dans votre travail ?	Vous procurer un salaire, des revenus mensuels = 1, .....Vous donner du matériel, nourriture, vêtements, cadeaux, etc = 4	What could the community do in order to assist you with your job?	Providing you with a salary, monthly revenues= 1, Providing you with material, food, clothing, gifts, etc. = 4.		
f8_511	Par quel titre vous appelle-t-on dans la communauté ?	Agent de santé communautaire = 1, Docteur = 2, Infirmier = 3, Autre = 7	What is the title that the community use to refer to you?	CHW= 1, Dr= 2, Nurse= 3, Other= 7.		

	Supervision		Supervision			
	FRENCH		ENGLISH			
Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_601	Y a-t-il quelqu'un qui est responsable de la supervision de votre travail ? Il s'agit entre autre de quelqu'un qui donne un feedback sur vos activités, vous conseille ?	Oui = 1, Non = 2	Is there anyone responsible of supervising your work? Someone who gives a feedback on your activity, who gives you advice?	Yes= 1, No= 2.	if f8_601 = 2 ► 7,01	
f8_602	Qui est responsable de la supervision de votre travail?	Responsable de la formation sanitaire = 1, Un autre agent de santé = 2, COGES = 3, Commune /Mairie = 4, ONG, Précisez = 5, Autre = 7	Who is in charge of supervising your work?	Manager of the clinic= 1, Other health worker= 2, COGES= 3, City/town hall= 4, NGO/specify= 5, Other= 7.		
f8_603	Précisez, si la réponse est 5 ou 7 à la question précédente		For the above question, specify when the answer is 5 or 7.			
f8_604	Selon quelle fréquence êtes vous supervisé ?	Par semaine = 1, Par mois = 2, Chaque deux mois = 3, Trimestriellement = 4, Par semestre = 5, Par an = 6, Jamais = 7	How frequently do you get a supervision?	Weekly= 1, Monthly= 2, Every 2 months= 3, every 3 months= 4, every 6 months= 5, yearly= 6, never= 7.		
f8_605	Qu'a fait le superviseur lors de sa dernière visite ?		What did your supervisor do during his last visit?			ENQUÊTEUR : NE PAS LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" SI ELLE EST CITÉE, OU "2" SI ELLE NE L'EST PAS./INTERVIEWER: Do not read aloud the possible answers, Note "1" if the answer was mentioned or "2" if it wasn't
f8_605_a	a. A participé à des réunions de l'agent de santé communautaire		a. Attended the CHW's meetings			
f8_605_b	b. A supervisé les activités de l'agent de santé communautaire (ex: à observé des consultations)		b. Supervised the different activities of the CHW (e.g.: Observation of consultations)			
f8_605_c	c. A remplacé ou complété les kits de l'agent de santé communautaire		c. Replaced or filled the CHW's kits			
f8_605_d	d. A évalué les connaissances de l'agent de santé communautaire		d. Evaluated the knowledge of the CHW			
f8_605_e	e. A donné des instructions sanitaires		e. Gave health instructions			
f8_605_f	f. A donné des instructions administratives ou sur la manière de remplir les rapports d'activités		f. Gave administrative instructions or instructions about hoe to fill an activity report.			
f8_605_g	g. A dispensé de la formation à l'agent de santé communautaire		g. Provided trainings for the CHW			
f8_605_h	h. A vérifié le (s) rapport (s) d'activités de l'agent de santé communautaire		h. Verified the activity report(s) of the CHW			
f8_605_i	i. A collecté et compilé les rapports d'activités mensuels		i. Collected & compiled monthly activity reports.			
f8_605_j	j. A rencontré le personnel des postes de santé		j. Met with the staff of the health posts			
f8_605_k	k. A présenté des programmes de santé		k. Presented health programs			
f8_605_l	l. A apporté son aide pour une campagne de vaccination		l. Gave assistance in the vaccination campaigns			
f8_605_m	m. A apporté une aide générale		m. Gave general assistance			
f8_605_n	n. A discuté des performances de l'agent de santé communautaire		n. Discussed the CHW performance			
f8_605_o	o. N'a rien fait de particulier		o. Did nothing specifically			
f8_605_p	p. Autre		p. Other			

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_605_spec	Précisez		Specify			
f8_606	Lors de sa dernière visite, votre superviseur a-t-il écrit des recommandations dans un carnet de supervision que vous conservez ?	Oui, vu = 1, Oui pas vu = 3, Non = 3	During his/her last visit, did your supervisor write any recommendations in a supervision booklet which you keep?	Yes, checked= 1, Yes, not checked= 3 , No= 3.		ENQUÊTEUR : SI OUI, DEMANDER À VOIR LE CARNET ET NOTER LA RÉPONSE EN CONSÉQUENCE./ INTERVIEWER: if yes, ask to have a look in the booklet and write down the answers accordingly.
f8_607	Quel est votre ressenti par rapport à la supervision ?	Vous avez le sentiment d'apprendre quelque chose = 1, Vous avez le sentiment de recevoir une aide dans vos difficultés	What is your opinion regarding the supervision?	you felt that you learnt something= 1, You had the feeling that you got assistance with your difficulties.		
f8_608	Quelles sont les sanctions prévues si vous ne faites pas bien votre travail?	Pas de sanction = 1, Remplacement par une autre personne = 2, Autre = 3	What are the expected sanctions when you're not performing well?	No sanctions= 1, Get replaced by another person= 2, Other= 3.		
f8_609	Précisez :		Specify			
f8_610	Avez-vous un registre d'activités ?	Oui, vu = 1, Oui pas vu = 3, Non = 3	Do you have an activity register?	Yes, checked= 1, Yes, not checked= 3 , No= 3.		
f8_611	Quelles sont les activités que vous enregistrez dans le registre?		What are the activities you write in the register?			ENQUÊTEUR : NE PAS LIRE À HAUTE VOIX LES RÉPONSES POSSIBLES. POUR CHACUNE D'ELLES, NOTER "1" SI ELLE EST CITÉE, OU "2" SI ELLE NE L'EST PAS./ INTERVIEWER: Do not read aloud the possible answers, Note "1" if the answer was mentioned or "2" if it wasn't
f8_611_a	a. Consultation des enfants		a. Children consultations			
f8_611_b	b. Consultation des adultes		b. Adults consultations			
f8_611_c	c. CPN		c. Antenatal Consultations			
f8_611_d	d. Causerie éducatives		d. Educational talks			
f8_611_e	e. Visite aux ménages		e. Household visits			
f8_611_f	f. Accompagnement CSPS enfants malades		f. Escorting sick children to CSPS			
f8_611_g	g. Accompagnement CSPS femmes pour CPN		g. Escorting women to CSPS for Antenatal consultation			
f8_611_h	h. Accompagnement CSPS femmes pour accouchement		h. Escorting women to CSPS for delivery			
f8_611_i	i. Autre		i. Other			
f8_612	Précisez :		Specify			

	Motivation		Motivation			
	FRENCH		ENGLISH			
Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_701	<p>Je vais vous lire différentes raisons pour lesquelles vous pourriez être motivés à travailler. Les individus diffèrent dans la manière dont ils sont motivés à travailler en fonction de leur situation et de leur personnalité. Il est essentiel de comprendre que toutes les raisons que les individus peuvent avoir sont tout aussi valables et qu'aucune n'est «meilleure» ou «pire» qu'une autre.</p> <p>Pourriez-vous nous dire parmi les raisons pour lesquelles vous travaillez, laquelle est la plus importante et laquelle est la moins importante pour vous personnellement.</p>		<p>I'm going to read different reasons that might be a motive for you to work. Individuals differ in how they get motivated to work depending on their situation and personality. It is essential to understand that all the reasons given by the different individuals are equally valid and neither is "better" or "worse".</p> <p>Could you tell us among all the reasons that motivate you to work, which is the most important and which is least from your personal experience.</p>			<p>ENQUÊTEUR : LIRE CHAQUE QUESTION À LA PERSONNE INTERROGÉE ET NOTER LE CODE DE RÉPONSE POUR CHAQUE QUESTION.</p> <p>INTERVIEWER: FOR EACH QUESTION, READ EACH ITEM TO THE RESPONDENT AND RECORD THE CODE OF THEIR RESPONSE.</p>
f8_701_a	a. La raison la plus importante	Parce mes tâches comme ASC me plaisent beaucoup, Parce que ma réputation dépend de mon travail, Parce que mon travail est plus qu'un métier, c'est une vocation, Afin de gagner de l'argent ou des paiements en nature, Parce que je veux chnager quelque chose dans la vie des autres, A cause de la reconnaissance de la communauté	a. The most important reason	Because I like my duties as ASC very much, because my reputation depends on my work, because my job is more than a normal job, it's a vocation, To make money or get benefits, because I want cto make a change in the others live, because of the recognition of the community		PLUS
F8_701_b	b. La raison la moins importante	Parce mes tâches comme ASC me plaisent beaucoup, Parce que ma réputation dépend de mon travail, Parce que mon travail est plus qu'un métier, c'est une vocation, Afin de gagner de l'argent ou des paiements en nature, Parce que je veux chnager quelque chose dans la vie des autres, A cause de la reconnaissance de la communauté	b. The least important reason	Because I like my duties as ASC very much, because my reputation depends on my work, because my job is more than a normal job, it's a vocation, To make money or get benefits, because I want cto make a change in the others live, because of the recognition of the community		
f8_702	Vous vous sentez bien dans votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Do you feel good about your job?	Do not agree= 0, Totally agree= 10.		<p>Maintenant, je vais vous lire une série De questions sur différents aspects de votre travail d'agent de santé communautaire. Pour chacun de ces aspects, dites-moi si vous êtes d'accord ou pas d'accord. [ENQUÊTEUR: 767</p>
f8_703	Vous êtes fier/fière de travailler pour cette communauté.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Are you proud of working for this community?	Do not agree= 0, Totally agree= 10.		
f8_704	Votre responsable direct reconnaît votre travail et l'apprécie.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your direct supervisor recognize your work and appreciate it.	Do not agree= 0, Totally agree= 10.		
f8_705	Cette communauté vous donne vraiment envie de faire le maximum en tant qu'agent de santé communautaire.	Pas d'accord = 0, .....Tout à fait d'accord = 10	This community makes you want to really give your optimum as a CHW.	Do not agree= 0, Totally agree= 10.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_706	Votre travail vous plaît beaucoup.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You like your job very much	Do not agree= 0, Totally agree= 10.		<p>[MONTRER L'ECHELLE]</p> <p>Right now I will read a series of questions on the different aspects of the job of a CHW. For each aspect, tell if you agree or don't.</p> <p>[Interviewer: Show the scale]</p>
f8_707	Accepter d'être ASC était une erreur.	Pas d'accord = 0, .....Tout à fait d'accord = 10	It was a mistake to accept becoming a CHW	Do not agree= 0, Totally agree= 10.		
f8_708	Votre travail vous procure la sécurité financière.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your work provides you with a financial security.	Do not agree= 0, Totally agree= 10.		
f8_709	Vous êtes toujours appliqué(e) et efficace dans votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your always applied and effective in your job.	Do not agree= 0, Totally agree= 10.		
f8_710	Vous êtes très travailleur/euse.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You are a hard worker.	Do not agree= 0, Totally agree= 10.		
f8_711	Vous avez souvent envie de quitter ce travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You always wish to quit this job.	Do not agree= 0, Totally agree= 10.		
f8_712	Vous commencez à l'heure vos activités d'agent de santé communautaire.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You start your duties as CHW on time.	Do not agree= 0, Totally agree= 10.		
f8_713	La communauté apprécie votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	The community appreciate your work.	Do not agree= 0, Totally agree= 10.		
f8_714	Votre travail est important pour le système de santé du Burkina Faso.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your job is important for the health system of Burkina Faso	Do not agree= 0, Totally agree= 10.		
f8_715	Votre travail est intéressant.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your job is interesting	Do not agree= 0, Totally agree= 10.		
f8_716	Vous faites partie du système de santé du Burkina Faso.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You are part of the health system of Burkina Faso	Do not agree= 0, Totally agree= 10.		
f8_717	La communauté a confiance en votre capacité à les soigner	Pas d'accord = 0, .....Tout à fait d'accord = 10	The community trusts your ability to treat.	Do not agree= 0, Totally agree= 10.		
f8_718	Votre travail vous permet de subvenir aux besoins de votre famille.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your job allows you to provide for the needs of your family	Do not agree= 0, Totally agree= 10.		
f8_719	En ce moment, vous vous sentez motivé(e) pour faire le maximum dans votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	In this moment you feel motivated to give the maximum in your job	Do not agree= 0, Totally agree= 10.		
f8_720	Vous aimez ce que vous faites dans votre travail.	Pas d'accord = 0, .....Tout à fait d'accord = 10	You like what you do at your job	Do not agree= 0, Totally agree= 10.		
f8_721	Votre travail est extrêmement important pour la communauté.	Pas d'accord = 0, .....Tout à fait d'accord = 10	Your job is extremely important for the community.	Do not agree= 0, Totally agree= 10.		

	Satisfaction		Satisfaction			
	FRENCH		ENGLISH			
Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_801	Globalement, êtes-vous satisfait de votre emploi d'agent de santé communautaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Globally, Are you satisfied with your job as a CHW?	Not satisfied= 0,.....Totally satisfied= 10.		ENQUÊTEUR : LIRE CHAQUE AFFIRMATION À LA PERSONNE INTERROGÉE ET NOTER LE CODE DE RÉPONSE POUR CHAQUE QUESTION. MONTRER LES FICHES EN COULEUR NUMÉROTÉES ET DEMANDER À LA PERSONNE DE CHOISIR CELLE QUI CORRESPOND À SA RÉPONSE. INTERVIEWER: READ EACH STATEMENT TO THE RESPONDENT AND RECORD THE CODE OF THE ANSWER FOR EACH QUESTION. SHOW THE COLORED NUMBERED SHEETS AND ASK THE PERSON TO CHOOSE THE ONE THAT MATCHES ITS RESPONSE.
f8_802	Etes-vous satisfait de vos relations de travail avec le personnel de la formation sanitaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the work relations between you and the clinic staff?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_803	Etes-vous satisfait de vos relations de travail avec le personnel des services du district / du ministère de la Santé ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the work relations between you and the staff of the district services/Ministry of health?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_804	Etes-vous satisfait de vos relations de travail avec la direction de la formation sanitaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the work relations between you and the clinic directors?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_805	Etes-vous satisfait de vos relations avec la communauté ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the relations between you and the community?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_806	Etes-vous satisfait de vos relations avec le COGES ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the relations between you and the COGES?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_807	Etes-vous satisfait des médicaments à votre disposition pour soigner les patients ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the available medications that you have to treat the patients?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_808	Etes-vous satisfait du matériel à votre disposition pour effectuer votre travail ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the available material that you have to do your job?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_809	Etes-vous satisfait de la disponibilité d'autres fournitures (compresses, etc.) ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the other available supplies?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_810	Etes-vous satisfait du niveau de soutien de la communauté - financier ou autre ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the level of support (financially or other) that the community is giving you?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_811	Etes-vous satisfait de vos relations avec les personnes importantes de la communauté locale ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied of your relations with the important people in the local community?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_812	Etes-vous satisfait du niveau de respect que vous recevez de la communauté ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied of the level of respect that you receive from the community?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_813	Êtes-vous satisfait de votre charge de travail ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your work load?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_814	Etes-vous satisfait de votre capacité à répondre aux besoins de la communauté compte tenu des conditions de travail actuelles ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your ability to meet the needs of the community given the current conditions?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_815	Êtes-vous satisfait du montant du support financier que vous recevez de votre responsable direct?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the financial support you receive from your direct supervisor?	Not satisfied= 0,.....Totally satisfied= 10.		

Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_816	Etes-vous satisfait de vos possibilités d'augmenter votre niveau de qualification et vos connaissances par de la formation ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your opportunities to increase your level of skill and knowledge through training?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_817	Etes-vous satisfait de votre collaboration avec les accoucheuses traditionnelles et autres ASC ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the collaboration between you and the traditional birth attendants and other CHW?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_818	Etes-vous satisfait de vos possibilités de discuter des questions de travail avec votre superviseur ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your opportunities to discuss work issues with your supervisor?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_819	Etes-vous satisfait de la reconnaissance de votre bon travail par votre superviseur ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the recognition you get from your supervisor in regards to your work?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_820	Etes-vous satisfait de vos possibilités d'être récompensé(e) d'avoir beaucoup travaillé, financièrement ou autrement ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the opportunities you get to be rewarded for having worked hard, (financially or otherwise)?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_821	Etes-vous satisfait de la possibilité d'utiliser vos compétences dans votre travail d'agent de santé communautaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the opportunities you get to use your competence in your job as a CHW?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_822	Etes-vous satisfait de votre rémunération ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your pay?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_823	Etes-vous satisfait des avantages en nature que vous recevez ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the benefits (non monetary benefits) that you are receiving?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_824	Etes-vous satisfait de vos possibilités d'avancement dans le domaine de la santé ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the opportunities you get to advance your career in the health field?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_825	Etes-vous satisfait des conditions de sécurité dans la communauté sur le plan de la vie personnelle et professionnelle ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the security conditions in the community on the personal and professional level?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_826	Etes-vous satisfait de vos conditions de logement ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your housing conditions?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_827	Etes-vous satisfait des moyens de transport dont vous disposez pour votre travail ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the transportation means available for your job?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_828	Etes-vous satisfait de votre salaire ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with your salary?	Not satisfied= 0,.....Totally satisfied= 10.		
f8_829	Etes-vous satisfait de la régularité de versement de votre salaire (salaire versé à temps vs. en retard etc) ?	Pas satisfait = 0,.....Tout à fait satisfait = 10	Are you satisfied with the regularity of the payment of your salary (paid on time vs. late etc)?	Not satisfied= 0,.....Totally satisfied= 10.		

Questionnaire F8

	Ciblage		Targeting			
	FRENCH		ENGLISH			
Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_901	Imaginons un système de couverture santé universelle qui prendrait en charge toutes les personnes, c'est-à-dire des riches, des plus modestes et des indigents. Les contributions financières pour faire fonctionner le système seraient obligatoires. Les paiements se feraient à une date fixe, et tout le monde payerait, que la personne soit malade ou pas. Mais tous bénéficieraient des mêmes soins et services en cas de besoin. En vous référant aux dessins, indiquez-nous comment devrait être fixée cette contribution obligatoire. Vous ne pouvez choisir qu'une seule réponse. UTILISEZ L'AIDE VISUELLE	Tout le monde paye le même MONTANT, quel que soit son revenu ou son niveau de richesse = 1, Tout le monde paye la même PROPORTION de son revenu ou sa richesse (par exemple tout le monde paye 8%) = 2, Les indigents payent très peu, la classe moyenne paye comme dans le senario 1 et 2 et les riches prennent en charge la majeure partie des coûts (par exemple, les indigents payent 2 %, les modestes payent 8% et les riches 12%) = 3, Les indigents ne paient rien, les autres payent tous la même PROPORTION de leur revenu ou richesse (par exemple tout le monde, sauf les indigents, paye 9%) = 4	Let's imagine a system of universal health coverage that takes care of everybody, the rich, the less wealthy, and the poor. In order to make this system function, everybody is required to contribute financially. Payments are due on a fixed date, and everybody pays, whether the person is ill or not. Everybody benefits from the same health care services in case of need. Referring to the drawings, please indicate how this mandatory financial contribution should be determined. You can choose one single option only.	Everybody pays the SAME AMOUNT, regardless of their income or wealth.=1; Everybody pays the SAME PROPORTION of their income or wealth.=2; The poor pay very little, the middle classes pay as in scenario 1 and 2, and the rich take care of the largest share of costs.=3; The POOR do NOT pay AT ALL, everybody else pays the SAME PROPORTION of their income or wealth.=4		Utilisez l'aide visuelle Use the visual help
f8_902	Parmi les personnes et organisations suivantes, en qui auriez-vous le plus confiance et le moins confiance pour gérer les cotisations obligatoires du système de couverture santé universel ?		Out of the following persons and organizations, who would you trust the most and the least to manage the mandatory financial contributions in the univeral health coverage system?			
f8_902_a	a. Le plus confiance	Les villageois=1; Une ONG (association, groupement, ...)=2; Une mutuelle=3, La mairie/commune=4; Le COGES du CSPS=5; L'Etat (niveau central ou périphérie)=6	The most	The villagers=1; An NGO (association, group, ...) =2; A mutual insurance association=3, Local government (mairie/commune)=4; The COGES of the CSPS=5; The government (central or decentral level)=6		ENQUÊTEUR: VEILLER LIRE LES OPTIONS DE REPONSES A HAUTE VOIX INTERVIEWER: Please read aloud all the possible answers
f8_902_b	b. Le moins confiance	Les villageois=1; Une ONG (association, groupement, ...)=2; Une mutuelle=3, La mairie/commune=4; Le COGES du CSPS=5; L'Etat (niveau central ou périphérie)=6	The least	The villagers=1; An NGO (association, group, ...) =2; A mutual insurance association=3, Local government (mairie/commune)=4; The COGES of the CSPS=5; The government (central or decentral level)=6		
f8_903	Si vous deviez choisir de donner l'exemption du paiement pour un groupe de personnes, qui voudriez vous choisir le plus ou le moins?		If you had to choose to exempt one group of people from paying fees for health services, which one would be your first choice, and which one your last?			

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Variable name	Wording of the question in French	Response options in French	Wording of question in English	Response options in English	Jump/Skip	Remarks
f8_903_a	a. Le plus	Les enfants de moins de 5 ans=1; Les femmes enceintes=2; Les personnes de plus de 60 ans=3, Les indigents=4; Les hommes en âge de productivité=5; Le personnel de santé=6; Autre, précisez:=7	The most	Children under 5=1; Pregnant women=2; Person older than 60 years=3, The poor=4; Men of productive age=5; Health personnel=6; Others, specify=7		ENQUÊTEUR: VEILLER LIRE LES OPTIONS DE REPONSES A HAUTE VOIX INTERVIEWER: Please read aloud all the possible answers
f8_903_b	b. Le moins	Les enfants de moins de 5 ans=1; Les femmes enceintes=2; Les personnes de plus de 60 ans=3, Les indigents=4; Les hommes en âge de productivité=5; Le personnel de santé=6; Autre, précisez:=7	The least	Children under 5=1; Pregnant women=2; Person older than 60 years=3, The poor=4; Men of productive age=5; Health personnel=6; Others, specify=7		
f8_903_spec	Autre, précisez:		Others, to be specified			
f8_904	Langue de l'entrevue	Français = 1, Mooré = 2, Dioula = 3, Gourounssi = 4, Dagara = 5, Fulfudé = 6. Lobiri = 7, Bwaba = 8, Samo = 9, Bissa = 10, Bobo = 11, Autre = 97	Language of the interview	Français = 1, Mooré = 2, Dioula = 3, Gourounssi = 4, Dagara = 5, Fulfudé = 6. Lobiri = 7, Bwaba = 8, Samo = 9, Bissa = 10, Bobo = 11, Autre = 97		
f8_904_pre	Précisez		Specify			
f8_comtaire	Commentaires de l'enquêteur à propos de l'entrevue		Interviewer's comment about the interview			

Annex VI: Memorandum of Understanding



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MEMORANDUM D'ENTENTE

concernant l'accès et l'utilisation des données et les règles relatives aux auteurs de publications scientifiques du projet :

« Evaluation d'impact du Financement Basé sur les Résultats au Burkina Faso (EI-FBR) »

Ce mémorandum d'entente est réalisé entre :

Dr Aurélia Souares
Coordonateur Scientifique de l'Evaluation d'Impact
Institut de Santé Publique,
Université de Heidelberg
Im Neuenheimer Feld 324
69120 Heidelberg
Germany

Pr Nicolas Meda
Directeur général
Centre Muraz
Avenue Mamadou KONATE,
01 BP Bobo-Dioulasso
Burkina Faso

Dr Ousmane Haidara
Chef de Projet Santé (TTL)
Banque Mondiale
179, Avenue du Président Saye ZERBO
Koulouba
Ouagadougou
Burkina Faso

M. Jean-Charlemagne YODA
Coordonateur du Programme d'Appui au Développement Sanitaire,
Ministère de la Santé
03 BP 7009
Ouagadougou
Burkina Faso

Les différents partenaires s'engagent à :

- protéger l'accès aux données et leur confidentialité,
- ne pas transmettre les données à une personne extérieure à l'étude,
- informer le coordinateur scientifique de l'évaluation d'impact (Institut de Santé Publique), le responsable du projet au niveau du Centre Muraz et le chef de projet santé (TTL) de la Banque Mondiale au Burkina Faso de tout projet d'analyses de données et d'articles scientifiques.



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Un contrat d'accès et d'utilisation des données (ci-joint) devra être soumis et sera validé conjointement par le coordinateur scientifique de l'évaluation d'impact (Institut de Santé Publique), le responsable du projet au niveau du Centre Muraz et le chef de projet santé (TTL) de la Banque Mondiale au Burkina Faso.

Les règles concernant les auteurs de publications scientifiques seront définies comme suit. Le processus intellectuel qui conduit à la publication d'un article inclue les étapes suivantes :

- 1) Design de l'étude, développement des outils de collecte et échantillonnage,
- 2) Mise en place de l'étude, collecte des données et contrôle qualité,
- 3) Analyse et interprétation des données,
- 4) Ecriture et finalisation de l'article scientifique.

Toute personne qui contribue de façon significative à deux des étapes mentionnées ci-dessus et contribue par ailleurs à l'écriture de l'article sera co-auteur de l'article. Le premier auteur est la personne qui conduit l'écriture du document et a participé au moins à une des autres étapes.

Date et Signature du Coordinateur Scientifique de l'Evaluation d'Impact :

Date et Signature du Chef de projet de santé, Banque mondiale Burkina Faso - TTL :

Date et Signature du Directeur général, Centre Muraz :

Date et signature du Coordonateur PADS , Ministère de la Santé :



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EVALUATION D'IMPACT DU FINANCEMENT BASE SUR LES RESULTATS AU BURKINA FASO (EI-FBR)

Contrat d'accès et d'utilisation des données et règles concernant les auteurs de publications scientifiques

Je, soussigné (e),, souhaiterais analyser des données générées dans le cadre du projet « Evaluation d'Impact du Financement Basé sur les Résultats au Burkina Faso (EI-FBR) ».

Dans le tableau ci-dessous, sont indiqués le titre et l'objectif de mon travail :

Titre du travail :	
Objectifs :	

Plus particulièrement, je souhaiterais obtenir les données suivantes :

(Indiquez, s'il-vous-plait, les données qui vous intéressent par une croix dans la colonne concernée.)

Source des données	Enquête de base	Enquête de fin
F1: Evaluation des structures de santé		
F2 : Questionnaire prestataires de soins		
F3 : Observation consultations prénatales		
F4 : Observation consultations moins de 5 ans		
F5 : Sortie de consultations prénatales		
F6 : Sortie de consultations moins de 5 ans		
F7 : Sortie de consultations plus de 5		



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ans		
F8 : Questionnaire Agents de Santé Communautaire		
C1 : Questionnaire ménages		
C2 : Questionnaire femmes		
C3 : Enquête efficacité du ciblage		

En signant ce document :

- Je m'engage à n'utiliser les données que dans le cadre du projet mentionné ci-dessus. Toute utilisation des données dans un autre objectif n'est pas autorisée.
- Je m'engage à ne pas transmettre les données à une personne extérieure à l'étude.
- Je m'engage à protéger l'accès aux données et leur confidentialité.
- Je m'engage à informer la coordinatrice scientifique pour l'université de Heidelberg, le responsable du projet au niveau du Centre Muraz et le Chef de Projet Santé de la Banque Mondiale au Burkina Faso de tout problème rencontré au cours de l'analyse des données.
- Je m'engage à ne produire des résultats et publier des données qu'en mentionnant la source des données et en respectant les règles mentionnées ci-dessous concernant les auteurs.
- Je suis informée que les différentes institutions impliqués dans ce projet sont : l'Institut de Santé Publique de l'Université de Heidelberg, la Banque Mondiale, le ministère de la santé au Burkina Faso et le Centre Muraz et que certains des membres de ces différentes institutions seront co-auteurs de mon travail.
- Je suis informée que tous les articles produits ainsi que la liste des auteurs de ces articles devront être discutés en avance avec la coordinatrice scientifique du projet pour l'Institut de Santé Publique, le responsable du projet au niveau du Centre Muraz et le Chef de Projet Santé de la Banque Mondiale au Burkina Faso et devront être autorisés officiellement.
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 - 5) Design de l'étude, développement des outils de collecte et échantillonnage,
 - 6) Mise en place de l'étude, collecte des données et contrôle qualité,
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