Project Jigifa – Integrated project to address nutrition, health and child development in Sikasso, Mali

DATA DICTIONARY

Data collection form(s):   Form_Parent_MaliSIEF_2016_french.pdf
Form_Parent_MaliSIEF_2016_english.pdf

Description of dataset:
Dataset containing household data recorded during interviews with parents in the cross-sectional parental/caregiver surveys in May 2016.

Study population and sampling:
Ninety villages supported by Save the Children in Sikasso Region, Southern Mali: 60 villages with Early Child Care Development (ECCD) centres and 30 villages without an ECCD centre. Children in all of the 90 villages received seasonal malaria chemoprevention to reduce malaria during the months of peak transmission in 2014 and 2015. In half of the ECD villages (30 villages), children also received daily micronutrient powders for 4 months of the year (Jan-April each year 2014-2016), supported by cooking demonstrations and informational sessions to promote good child nutrition. During the last year of the study, all 60 villages with ECCD centres also organised parent informational sessions to encourage a range of parenting practices supportive of good child nutrition, hygiene, child safety and early cognitive stimulation.

Parents/guardians were interviewed in May 2016 to evaluate the impact of the interventions on parenting practices and child nutrition. A random sample was drawn from children resident in the village and recorded in the census undertaken at the start of the study in 2013 (ie sampled children will have been resident throughout the prior 3-year period of the nutritional intervention), with 20 children drawn from each eligible age band.

This dataset thus comprises data from the 90 study villages, including the 60 villages with ECCD centres that were randomised either to receive the intervention or control (MNP intervention and ECD control) as well as the 30 villages without an ECCD centre (non-ECD comparison arm).

With number and wording of question from parental survey shown in red
Note: data codes are 0= no, 1= yes, 9= don't know, unless specified otherwise

Variable name	Data codes	Description/ Other Notes
Section A: Identifying information		
cerclename	text field	District name (there were 2 districts: Sikasso and Yorosso)
communename	text field	Sub-district name (there were 22 sub-districts)
villagename	text field	Village name (there were 90 villages) Note: two villages have the same name
cercleid	numeric code	Unique identifier of district
communeubsid	numeric code	Unique identifier of sub-district (same codes were used in 2014 and 2016)
villageubsid	numeric code	Unique identifier of village

		(same codes were used in 2014 and 2016)
armblind	R, X, Z	Ignore – for analysis use variable **trialarm** (which groups villages according to intervention received, see below)
ECDvillage	0= no ECD 1= village with ECD	Villages with an ECD pre-school program (there were 60 villages with pre-schools, and 30 villages without a pre-school)
trialarm	0= non-ECD 1= ECD control 2= MNP intervention	classifies 90 villages according to presence of ECD and/or intervention received (there were 30 villages in each arm) – **use this variable for statistical analysis**
childidsief	numeric code	Unique identifier of child (same IDno was used in 2014 and 2016
childid_2014	numeric code	Unique identifier for subset of children who were also surveyed in 2014
agegroup	1= 1y old in 2014 3= 3y old in 2014 5= 5y old in 2014	Age group of child in <u>2014</u> surveys
sexparenting	1= female 2= male	Sex of child
an3_noreside_reason	1 = child still resident 2 = child left village permanently 3 = child adopted by someone living in <u>another</u> village 8 = child has died	Records if child was still resident in village in 2016 or not. Note: The rest of the interview with the parent/caregiver was only completed if the child was still resident in village in 2016.
an3_noreside_other	text field	Reason interview not completed in 2016
a8_relation_child	1= mother 2= father 3= guardian 4= grandmother 5= grandfather 6= other relationship	Relationship to child *A8. How are you related to the child?*
a8_relation_child_other	text field	Description of relationship to child
an4_guardian	0= no 1= yes 9= don't know	If respondent is not the mother or father, ask *N4. Are you the main person responsible for the welfare of this child?*
an5_interview_home	0= no 1= yes 9= don't know	*N5. Is interview being done in child's home?* Note: ignore the latitude and longitude below if interview was not done in child's home
parent2016_date	date, yyyy-mm-dd	Date of parent interview in 2016
parent2016_datesurvey	date, dd-mon-yyyy	Date of parent interview in 2016
interviewer_id_parent	alphanumeric code	Unique identifier of field worker conducting the interview
had_parent_2016	0= no 1= yes	Derived variable which confirms that a parent interview was completed in 2016 – **use this variable to exclude children who were lost to follow-up (no longer resident) and/or no parent interview completed**
at_least_one_survey2014	1= yes missing= no	Derived variable which confirms that child was included in one or more of the cross-

		sectional surveys (parent, biomedical or cognitive) carried out in 2014
Section B: FAMILY CONTEXT variables		
b2_mum_age	whole number	*B2. What is the mother's age?*
bn7_mum_attendschool	numeric code (Y/N)	*N7. Has the mother ever attended school?* Note: As few mothers attended school, use this field rather than education level (below) for analysis
b3_mum_edulevel	numeric code	If yes, *B3. What is the highest level of education that the mother has completed?* 0= None 1= Primary – dropped out 2= Primary - complete 3= Fondamental – dropped out 4= Fondamental – complete 5= Secondary 6= Superieur (University/Higher Education) 9= Don't know
matlit	0= No, cannot read 1= Yes, mother can read	Maternal literacy *B4. Can the child's mother read?*
b6_dad_age	whole number	*B6. What is the father's age?*
bn8_dad_attendschool	numeric code (Y/N)	*N8. Has the father ever attended school?*
b7_dad_edulevel	numeric code	If yes, *B7. What is the highest level of education that the father has completed?* 0= None 1= Primary – dropped out 2= Primary - complete 3= Fondamental – dropped out 4= Fondamental – complete 5= Secondary 6= Superieur (University/Higher Education) 9= Don't know
b8_dad_read	numeric code (Y/N)	*B8. Can the father read?*
b8a_dadread_lang	text field	If yes, *B8(A) Which languages?* Uses codes: 1=Bambara, 2=Shenara, 3=Mamara, 7=Other language. [note : multiple languages possible]
b8a_dadread_lang_other	text field	Description of other languages father can read (if not Bambara, Shenara or Mamara)
mainlang	1= Bambara 2= Shenara 3= Mamara 7= Other language	Main language spoken in the home (can be used as indicator of ethnicity) *B10. What is the main language spoken at home?*
b10_homelang_main_other	text field	Description of main language spoken in home (if not Bambara, Shenara or Mamara)
b11_homelang_add	text field	Additional language(s) spoken in home *B11. What other languages are spoken at home?* Uses codes: 1=Bambara, 2=Shenara, 3=Mamara, 7=Other language. [note : multiple languages possible]

b11_homelang_add_other	text field	Description of additional language(s) spoken in home (if not Bambara, Shenara or Mamara)
b12_child_french	0= no 1= yes 9= don't know	*B12. Does your child recognize or speak any words in French?*
bi1_mum_totalchildren	whole number note: 99=don't know	*I1. How many children does the mother have at present? (including this child)*
b9_dad_totalchildren	whole number	*B9. How many children does the father have, in total (include children of co-wives)?*
bi2_totalwant	whole number note: 99=don't know	*I2. How many children, in total, would you like to have?* Note: the interviewer was only supposed to ask this question if the mother or father of child was being interviewed
bi4_totalwant_contracep	whole number note: 99=don't know	*I4. If there was a method of contraception available at no cost, how many children would you like to have?* Note: the interviewer was only supposed to ask this question if the mother or father of child was being interviewed
bi8_children_school	0= no 1= yes 9= don't know	*I8. Do you have any children already in school?*
bi9_children_school_total	whole number note: 99=don't know	If yes, *I9. How many children already in school?*
bi10_children_school_type	text field	If yes, *I10. Are they in primary or secondary school?* Uses codes: 1= in primary, 2= in secondary, 1 2= children in both primary and secondary
bi11_pay_prim_sch	text field note: 99=don't know	If has children in primary school, *I11. How much do you pay in total each year to educate one child at primary school (including enrolment fees, pens, books, and other expenses)?*
bi12_pay_second_sch	text field note: 99=don't know	If has children in secondary school, *I12. How much do you pay in total each year to educate one child at secondary school (including enrolment fees, pens, books, and other expenses)?*
bi13_educate_child	0= no 1= yes 9= don't know	*I13. Would you like to educate this child when they reach the age to begin primary school?*
bi14_educate_willpay	text field note: 99=don't know	If **yes**, *I14. How much are you willing to pay each year for the education of this child?*
bi15_educate_need	text field note: 99=don't know	If **no**, *I15. How much money would you need each year to be able to educate this child?*
b13_complete_prim	0= no 1= yes 9= don't know	*B13. Do you expect that your child will complete primary school?*
b14_complete_sec	0= no 1= yes 9= don't know	*B14. Do you expect your child will complete secondary school?*
Section C: HOME LITERACY ENVIRONMENT		

C1. Do you have any of these types of reading materials available in your home?	
All coded 0=no, 1=yes, unless specified otherwise	
c1a_storybooks	*a. Storybooks / picture books for young children?*
c1b_books	*b. Textbooks?*
c1c_newmags	*c. Newspapers / Magazines?*
c1d_brochures	*d. Booklets / pamphlets?*
c1e_religious_books	*e. Religious books?*
c1f_colouring_books	*f. Coloring books?*
c1g_comics	*g. Comics?*
c1h_books_other	*h. Others (specify)? _____*
c1h_books_otherdesc	Description of other types of reading materials in home (text field)

C2. I am interested in knowing about the things that your child plays with when s/he is at home. Does s/he play with:	
All coded 0=no, 1=yes, unless specified otherwise	
c2a_toys_handmade	*a. Homemade toys, such as stuffed dolls, cars, or other toys made at home?*
c2c_toys_bought	*c. Toys bought from a shop or manufactured toys (plastic toys)?*
c2d_household_objects	*d. Household objects, such as bowls or pots?*
c2e_outside_objects	*e. Objects found outside, such as sticks, rocks, animal bones or leaves?*
c2f_drawing_writing	*f. Materials for drawing or materials for writing?*
c2g_puzzles	*g. Puzzles/brain teazers?*
c2h_games_colourshape	*h. Toys that teach about colors, shapes, numbers or sizes?*
c2i_games_letters	*i. Toys that teach about letters (such as alphabet games, wooden letters)?*
c2j_toys_other	*j. Others (specify) _____*
c2j_toys_otherdesc	Description of other types of toys (text field)

C3. In the past 7 days, did you, or another adult in the family or a schoolchild, engage in the following types of activities with *<insert child's name>***?**	
Note: ask "who?" if the answer is "yes". – tick as many as appropriate	
All coded 0=no, 1=yes, unless specified otherwise	
c3a_read_books	*a. Read books or look at pictures books with child?*
c3a_read_books_who	Text field, uses codes for types of adults: **1=mother, 2=father, 4=grandmother, 5=grandfather, 6=other adult, 7=older child, 9=don't know.** [note : possible to record combinations of multiple persons]
c3b_told_stories	*b. Told stories to the child?*
c3b_told_stories_who	Text field, uses codes for type of adult(s) **1=mother, 2=father, 4=grandmother, 5=grandfather, 6=other adult, 7=older child, 9=don't know.**
c3c_songs	*c. Sung songs to or with the child, including lullabies?*
c3c_songs_who	Text field, uses codes for type of adult(s) (see above)
c3d_outside_home	*d. Took the child outside the home? (eg to the market, visit relatives)*
c3d_outside_home_who	Text field, uses codes for type of adult(s) (see above)
c3e_played	*e. Played with the child?*
c3e_played_who	Text field, uses codes for type of adult(s) (see above)
c3f_named_objects	*f. Named objects for or with the child?*
c3f_named_objects_who	Text field, uses codes for type of adult(s) (see above)
c3g_drawing	*g. Drew things for or with the child?*

c3g_drawing_who	Text field, uses codes for type of adult(s) (see above)	
c3h_teach_new	*h. Showed or taught your child something new, like a new word, or taught child how to do something?*	
c3h_teach_new_who	Text field, uses codes for type of adult(s) (see above)	
c3i_alphabet	*i. Taught alphabet or encouraged child to learn letters? To learn to write words?*	
c3i_alphabet_who	Text field, uses codes for type of adult(s) (see above)	
c3j_numbers	*j. Played a counting game or taught numbers to the child?*	
c3j_numbers_who	Text field, uses codes for type of adult(s) (see above)	
c3k_hugged	*k. Hugged or showed affection to your child?*	
c3k_hugged_who	Text field, uses codes for type of adult(s) (see above)	
c3l_spanked	*l. Spanked your child for misbehaving?*	
c3l_spanked_who	Text field, uses codes for type of adult(s) (see above)	
c3m_hit	*m. Hit your child for misbehaving?*	
c3m_hit_who	Text field, uses codes for type of adult(s) (see above)	
c3n_shouted	*n. Criticized or shouted at your child?*	
c3h_shouted_who	Text field, uses codes for type of adult(s) (see above)	

CHILD STIMULATION SCORES: based on play items and activities reported (derived variables)		
HHread_score	Whole number	Number of different types of reading materials reported in home (max 8)
HHtoys_score	Whole number	Number of different types of play items reported in home (max 8)
HHtotedu_score	Whole number	Total number of educational objects in home (reading materials and play items) (max 16)
stimulation_score	Whole number	Number of different types of adult-child interactions/activities reported in last seven days (max 11)
scold_score	Whole number	Number of different types of disciplinary actions reported in last seven days (max 3)

Section D: ECD EXPERIENCE		
eccdenrol	0= No 1= Yes–currently enrolled in ECD	Child enrolled in ECD program *D1. Is your child currently enrolled at a preschool or other early learning program?*
d2_ecd_not_enrol_why	text field, uses codes Note: multiple responses possible	If no, *D2. Why is your child not enrolled at preschool* 0= child is still too young 1= there is no preschool near our home 2= not interested/did not want to enrol child 3= children only have fun there 4= I have no means to pay the fees 5= Not enough space at CDPE 6= Child is already at primary school 8= other reason (specify) 9= don't know
d2_ecd_not_enrol_why_other	text field	Description of any additional reasons given by parents for not enrolling child in ECD
d4_ecd_how_long	0= first year in ECD 1=second year inECD 2=third year in ECD 9=don't know	If child is enrolled in ECD, record/ask *D4. How long has your child been in this preschool/program?*
d6_ecd_days	1= daily 2= 3 to 4 days / week	If child is enrolled in ECD, record/ask

	3= once or twice a week 4= less than once a week	D6. In the last week, how many days did he/she go to ECCD?

Section E: HOUSEHOLD ASSETS and ECONOMIC SITUATION

e1_roof	1= thatch 2= mud 3= metal sheets/zinc 4= cement 5= tiles 8= other (specify) 9= don't know	E1. What kind of roof does your house have?
e1_roof_other	text field	Description of other types of roofing materials
e2_walls	1= mud 2= mud bricks 3= fired bricks 4= bamboo 5= wood 6= cement 8= other (specify) 9= don't know	E2. What kind of walls does your house have?
e2_walls_other	text field	Description of other types of wall materials
e3_floor	1= soil 2= cement 3= tiles 8= other (specify) 9= don't know	E3. What kind of floor does your house have?
e3_floor_other	text field	Description of other types of flooring
e4_light	1= firelight/candles 2= pocket torch 3= paraffin lamp 4= hurricane lamp 5= solar panel 6= mains electricity 7= chinese wall torch 8= other (specify) 9= don't know	E4. What is the main source of lighting in your home?
e4_light_other	text field	description of other types of lighting
Household assets:	***Does anyone in your household own the following?*** All coded 0=no, 1=yes	
radio	Radio	
tv	Television	
moped	Moped or motorbike	
car	Motor vehicle (tractor, car, lorry)	
phone	Mobile phone	
solar	Solar panel	
cow	Cows (any number)	
goat	Goats and/or sheep (any number)	
horse	Horse and/or donkey (any number)	
cart	Horse or donkey-drawn Cart	
e6_livelihood	1= subsistence farm 2= cash crops 3= petty trading	E6. What is the household's main source of livelihood?

	4= own business/ self-employed 5= salaried employee 8= other (specify) 9= don't know	
e6_livelihood_other	text field	Description of other source of income
e7_mum_paidwork	0= no 1= yes 9= don't know	*E7. During the past 7 days, did the mother of the child do any kind of paid work?*
e8_dad_paidwork	0= no 1= yes 9= don't know	*E8. During the past 7 days, did the father of the child do any kind of paid work?*
SOCIO-ECONOMIC (DERIVED VARIABLES): Use these variables for statistical analysis		
employ	0= subsistence farming 1= paid work (cash crops, petty trading, skilled trade, salaried employment, etc)	Main source of revenue for family (recoded as a binary variable) *E6. What is the household's main source of livelihood?*
roof	0= low cost (thatch, mud) 1= high cost (zinc, tiles)	Type of building materials used in construction of roof of family home (binary)
walls	0= low cost (mud walls, sundried bricks, wood) 1= high cost (fired bricks or cement)	Type of building materials used in construction of walls of family home (binary)
floor	0= low cost (mud) 1= high cost (cement, tiles)	Type of building materials used for floor of family home (binary variable)
light	0= low cost (candles, torch, oil lamp) 1= high cost (solar panel, electricity)	Type of lighting used in home (binary) *E4. What is the main source of lighting in your home?*
SOCIO-ECONOMIC STATUS OF FAMILY: based on asset ownership (derived variables)		
wealthindex	PCA score	PCA score using data on household assets, house structure and paid work
wealth5cat	0= 1st quintile (most poor) 1= 2nd quintile 2= 3rd quntile 3= 4th quintile 4= 5th quintile (least poor)	Overall wealth index divided into five quintiles **Note. PCA scores were calculated using data from entire parent dataset – across 90 ECD and non-ECD villages**
wealth2cat	0= most poor 1= least poor	Binary grouping to identify the poorest households (two lowest quintiles vs rest)
assetsindex	PCA score	PCA score using data on household assets only
assets5cat	0= 1st quintile (most poor) 1= 2nd quintile 2= 3rd quntile 3= 4th quintile 4= 5th quintile (least poor)	Household assets index divided into five quintiles Note. PCA scores were calculated using data from entire parent dataset – across 90 ECD and non-ECD villages
Section F: NUTRITION and MICRONUTRIENT POWDERS		
mealsday	1= child ate less than two meals yesterday 2= ate 2 meals yesterday 3= ate 3 times yesterday 4= ate 4 times yesterday 5= ate 5 times yesterday	Number of meals/snacks eaten per day *N9. How many times did your child eat a meal yesterday (include snacks)?*
Dietary diversity:	*Did you child eat any of the following foods yesterday?*	

	All coded 0=no, 1=yes	
grains	Grains: millet, sorghum, maize, rice	
roots	Roots: cassava, potato, yam	
beansnuts	Beans and nuts (arachides)	
otherveg	Other vegetables	
fruit	Fruit	
meatfish	Meat, Poultry or Fish	
milk	Milk	
eggs	Eggs	
palmoil	Palm oil	
otheroil	Other oils and fats	
limitdiet	0= No 1= Yes – diet in last 4 weeks limited by lack of resources	Dietary diversity limited by lack of resources *N10. In the past four weeks, did your child ever have to eat a limited variety of foods due to a lack of resources?*
hungry	0= No 1= Yes – child has gone to bed hungry in last 4 weeks	Amount of food limited by lack of resources *N11. In the past four weeks, did your child ever go to sleep at night hungry because there was not enough food?*
Hand hygiene	*G3. When do you usually wash your hands?* Prompt: *Are there any other times?* Note: multiple responses were possible. Variable fg3_wash_hands1 records first immediate answer given by parent; fg3_wash_hands2 records second answer given by parent; fg3_wash_hands3 records third answer, etc.	
fg3_wash_hands1 fg3_wash_hands2 fg3_wash_hands3 fg3_wash_hands4 fg3_wash_hands5 fg3_wash_hands6	1= before preparing food 2= after eating 3= before feeding/ breastfeeding a child 4= after contact with faeces/baby faeces 5= after using the latrine 6= before eating 8= other (specify) 9= don't know/can't describe	
fg3_wash_hands_other	text field	Description of other times hands are washed
attendinfo	0= No 1= Yes – attended one or more information sessions for parents	Parent attended at least one information session for parents *N12. Have you participated in any sessions about feeding your child or about playing with or stimulating your child?*
Key messages learnt	If parent answered "yes" to attending an information session, interviewer asked: *N13(A) What were the three most important things you learnt during those sessions?* Note: multiple responses were possible. Variable fn12a_learn4 records first immediate answer given by parent; fn12a_learn5 records second answer given by parent; fn12a_learn6 records third answer, etc.	
fn12a_learn4 fn12a_learn5 fn12a_learn6 fn12a_learn7 fn12a_learn8	1 = hygiene practices 2 = how to identify a malnourished child 3 = to take a malnourished child to CSCOM for treatment 4 = types of food important for health of child 5 = how to cook enriched meals (tô or bouillie) 6 = how to add MNP sachets to child's food	

fn12a_learn9	7 = how to wean young children	
fn12a_learn10	8 = other (specify)	
fn12a_learn11	9 = don't know/can't describe	
	10= how to play/talk/stimulate child	
	11= not to hit/slap a child	
fn12a_learn3_other	text field	Description of other things learnt in sessions
fn13_learn_same_vill	0= no 1= yes 9= don't know	*N13. Have you ever shared or discussed what you learnt with anyone else living in this village (same village as you)?* [variable to assess spread of information]
fn14_learn_diff_vill	0= no 1= yes 9= don't know	*N14. Have you ever shared or discussed what you learnt with anyone else in living in another village?* [variable to assess contamination between intervention arms]
fg5_mnp_2016	0= no 1= yes	Use of MNPs: Parent is shown MNP sachet, and asked *G5. Have you ever added these to your child's food?*
The following questions were only asked, if parent reported ever having used MNPs:		
fg6_mnp_2016_freq	text field, uses codes	*G6. On how many days in the last 7 days, were these sachets added to your child's food?* 0= Never 1= Used MNPs every day 1a= Used MNPs 4-6 days/week 2= Used MNPs 2-3 days/week 3= Used MNPs once a week 9= don't know Note: For analysis, use variable **mnpadd** (which combines fg5 and fg6) instead
Reasons given for not using MNPs every day	*G7. The days when the sachet was not added to your child's food, what were the reasons?* Note: multiple responses were possible. Variable fg7_no_mnp_reasons1 records first reason given by parent; fg7_no_mnp_reasons2 records second answer given by parent, etc.	
fg7_no_mnp_reasons1 fg7_no_mnp_reasons2 fg7_no_mnp_reasons3 fg7_no_mnp_reasons4	Numeric code 0= this never happened; I gave the sachets every day 1= child was away from home 2= I did not give sachet when my child was sick 3= child became ill after taking MNPs and I stopped giving 4= no more sachets to give/ran out 5= forgot to add the sachet 6= others prepared the meal and child did not get MNPs 7= I did not have the right kind of food to add the MNPs to 8= other (specify) 9= don't know/no reason 10= preparing a separate meal for child took too much time 11= adding MNPs to the food took too much time 12= MNPs changed the colour or taste of the food 13= child did not like/refused food with MNPs added 14= I do not understand **why** I should give the sachets 15= I do not understand **how** I should give the sachets 16= my child does not need these MNP sachets	
fg7_no_mnp_reasons_other	text field, description of other reason for not using MNPs	

fn15_mnp_child_like	0= no 1= yes 9= don't know	*N15. Does your child like to eat the food with the sachet added?* **[variable to measure acceptability of MNPs]**
Foods used to add MNPs	*G8. To what kind of food/type of meals do you add the MNPs to?.*	
fg8_mnp_foodtype1 fg8_mnp_foodtype2 fg8_mnp_foodtype3 fg8_mnp_foodtype4	1= bouillie 2= tô 3= bean puree 4= drinks/liquids 5= hot food 8= other (specify) 9= don't know	Note: multiple responses were possible. Variable fg8_mnp_foodtype1 records first type of food named by parent; fg8_mnp_foodtype2 records second answer given by parent, etc
fg8_mnp_foodtype_other	text field	Description of other foods MNPs were added to
Foods not used with MNPs	*G10. To what kind of foods should the MNPs <u>NOT</u> be added to?*	
fg10_nomnp_foodtype1 fg10_nomnp_foodtype2 fg10_nomnp_foodtype3 fg10_nomnp_foodtype4	1= hot food 2= liquid food 3= tô 4= bouillie 8= other (specify) 9= don't know	Note: multiple responses were possible. Variable fg10_nomnp_foodtype1 records first answer by parent; fg10_nomnp_foodtype2 records second answer, etc
fg10_nomnp_foodtype_other	text field	Description of other foods that should <u>not</u> be used to give MNPs
fg11_mnp_difficult	1= never/rarely difficult 2= sometimes difficult 3= often difficult 4= always difficult	*G11. On the whole, do you think that giving your child the MNPs was difficult to do?* **[variable to measure acceptability of MNPs]**
fg12_mnp_child_changed	0= no 1= yes 9= don't know	*G12. Have you noticed any changes in your child since you began giving him/her MNPs?*
Types of changes in child seen by parent since started giving MNPs	If parent answered "yes" to changes in child, interviewer asked: *12(A) What changes have you noticed?* Note: multiple responses were possible. Variable fg12a_mnp_changes1 records first answer by parent; fg12a_mnp_changes2 records second answer, etc	
fg12a_mnp_changes1 fg12a_mnp_changes2 fg12a_mnp_changes3 fg12a_mnp_changes4 fg12a_mnp_changes5	0= child was more sick than normal 1= child was less sick than normal 2= child's appetite increased 3= child is more naughty 4= child is more active/energetic 5= child is less active/energetic 8= other change (specify) 9= don't know/can't describe 10= child had fever and/or respiratory illnesses 11= child sometimes vomited 12= child sometimes had diarrhoea 13= child had black stools	
fg12a_mnp_changes_other	text field	Description of other changes seen in child
fg13b_mnp_treatment	0= no 1= yes 9= don't know	If the changes described above included any mention of illness, interviewer asked: *13(B) Did you need to take the child for medical treatment at CSCom or elsewhere?*

fg14_mnp_again	0= no 1= yes 9= don't know	*G14. Do you want to give your child MNPs again, when the distribution starts again next year?* [**variable to measure acceptability of MNPs**]

MNP USE (DERIVED VARIABLES): Use these variables for statistical analysis		
mnpadd	0= No 1= Yes - added MNPs to child's food	Did child ever receive MNPs? Combines data from question G5 and G6 *G5. Have you ever added these to your child's food?*
mnpdays	0=did not use MNPs 1= used MNPs once per week 2= used MNPs 2-3 days per week 4= used MNPs 4-6 days per week 7=used MNPs every day	How many times per week did child receive MNPs? Combines data from question G5 and G6 *G6. On how many days in the last 7 days, were these sachets added to your child's food?*

Section G: MALARIA PREVENTION		
gf5_net_use	0= no 1= yes 9= don't know	*F5. Does your child sleep usually under a bed net?*
gf6_net_lastnight	0= no 1= yes 9= don't know	If yes to use of bed net, *F6. Did your child sleep under a bed net last night?* Note: For analysis, use **ITN_lastnight** (which combines gf5 and gf6) instead
smc	0= No 1= Yes – child received SMC in 2015	Child received SMC (seasonal malaria chemoprevention) during rainy season 2015 *F8. Did your child receive any tablets to protect them against malaria last year (2015)?*
gf8a_smc_2015_freq	0= never received SMC 1= once/one month 2= twice/2 months 3= 3 times/3 months 8= other (specify) 9= don't know	If yes to SMC in 2015, *F8(A) How many times did the child receive the tablets?*
gf8a_smc_2015_freq_other	text field	Description of other frequency of SMC
gn16_smc_effectchild	0= good effect 1= bad effect 2= good effect, but there are also small effects which are bad 9= don't know	*N16. Do you think the tablets have a good effect or a bad effect on your child's wellbeing?*
gn16a_smc_bad_effect	Text field - description using the same words that the parent used	If any bad effects were mentioned, ask *N16 (A). What bad effects have you noticed?*
gf14_smc_again	0= no 1= yes 9= don't know	*F14. Do you want your child to receive the tablets when the malaria treatment starts again in 2016?* [**variable to measure acceptability of SMC**]

DERIVED VARIABLES: Use these variables for statistical analysis		
ITN_lastnight	0= No	Use of mosquito net Combines data from question F5 and F6

	1= Yes – child slept under a mosquito bednet last night	*F6. Did your child sleep under a bed net last night?*
Section H: LEVEL OF ACTIVITY OF CHILD		
hf3_sick_2wks	0= no 1= yes 9= don't know	*F3. Has your child been sick at any time in the last two weeks?*
hf3a_sick_describe	1= malaria 2= fever 3= respiratory infection/cough 4= vomitting 5= diarrhoea 6= abdominal pain 7= skin infection or abscess 8= other (specify) 9= don't know/can't describe	*If yes, 3(A) Describe your child's illness(es)* Prompt: *Anything else?* Text field, uses codes: [multiple responses possible]
hf3a_sick_describe_other	text field	Description of other illness that child experienced
hh1_play	0= never/rarely well enough to play 1=sometimes well enough to play 2= often well enough to play 3= always well enough to play 9= don't know	*H1. In the last 7 days, how often has your child been well enough to play with other children or adults?*
hh2_sleep	0= never/rarely sleeps well 1= sometimes sleeping well 2= often sleeps well 3= always sleeps well 9= don't know	*H2. In the last 7 days, how well has your child been sleeping?*
hh3_active	0= never/rarely energetic/active 1= sometimes energetic/active 2= often energetic/ active 3= always energetic/ active 9= don't know	*H3. In the last 7 days, how often has your child been active/energetic?*