

Developing Biomarkers of Exclusive Breastfeeding Practice 2016

Nutrition Working Group (NWG), Faculty of Medicine Universitas Padjadjaran (UNPAD)

report_generated_on: January 27, 2026

visit_data_catalog_at: <http://catalog.ihsn.org/>

Identification

SURVEY ID NUMBER

IDN_2016_DBEBP_v01_M_v01_A_ESS

TITLE

Developing Biomarkers of Exclusive Breastfeeding Practice 2016

ABBREVIATION OR ACRONYM

DBEBP 2016

COUNTRY

Name	Country code
Indonesia	IDN

STUDY TYPE

Individual Food Consumption/Dietary Survey [hh/ifcs]

ABSTRACT

The objectives of this study were to determine the correlation between nutrient intake of lactating women and concentrations in their breast milk, as well as to assess biochemical indicators of nutritional adequacy.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individuals.

Scope

NOTES

The survey collected information on:

- SUBJECTS: information on the participants, such as age, sex, and geographical location
- CONSUMPTION: information on all foods consumed by each participant in each survey day, including quantities and nutrient values

Coverage

GEOGRAPHIC COVERAGE

Sub-national coverage, only rural areas.

UNIVERSE

The population group covered in the survey was adult lactating women.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Nutrition Working Group (NWG), Faculty of Medicine Universitas Padjadjaran (UNPAD)

Sampling

SAMPLING PROCEDURE

The participants of this cross-sectional study were lactating women between two and five months postpartum who claimed to be practicing exclusive breastfeeding at the time of the survey, and who were participating in a study to measure breast milk volume assessed via dose-to-mother deuterium method.

The sample size was calculated based on the assumption that the prevalence of inadequate dietary calcium intake was 75 percent, with a 9 percent precision, resulting in 118 women.

WEIGHTING

No weights were used in this survey.

Data collection

DATES OF DATA COLLECTION

Start	End
2016-04-18	2016-10-24

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

Women were instructed not to change their food consumption patterns during the data collection.

Dietary intake data were recorded on three non-consecutive days by trained community health workers (cadres) who conducted 12-hour in-home weighed food records (6 am-6 pm) using calibrated digital scales accurate to ± 1 g (Kitchen Scale EK3131, Camry Electronic Ltd, Guangdong, China). These records were combined with maternal 12-hour recall of any foods consumed over the previous 6 pm-6 am period. The next morning, cadres weighed replicas of the amount of recalled foods or beverages consumed using, where possible, leftover foods or beverages. For the small number of irregularly shaped food items with no leftovers, playdough equivalent to the amount of food consumed and of known specific gravity was weighed, allowing the volume of playdough to be estimated. As the volume of the playdough was assumed to be the same as the volume of the food eaten, the latter was converted to the weight of the actual food consumed using food density data compiled by the investigator or derived from the Density Database developed by the Food and Agriculture Organization of the United Nations (FAO) in collaboration with the International Network of Food Data Systems (INFOODS).

DATA COLLECTORS

Affiliation
Nutrition Working Group, Faculty of Medicine Universitas Padjadjaran

Access policy

CONTACTS

Name	Affiliation	Email
Food and Nutrition Division	Food and Agriculture Organization of the United Nations	fao-who-gift@fao.org

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- Any results derived from the micro dataset will be used solely for reporting aggregated information, and not for any specific individual entities or data subjects;
- The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO;
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CITATION REQUIREMENTS

Indonesia, 2016, Developing Biomarkers of Exclusive Breastfeeding Practice – HBGD

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DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Metadata production

DDI DOCUMENT ID

DDI_IDN_2016_DBEBP_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Food and Nutrition Division		Food and Agriculture Organization of the United Nations	Metadata producer
Statistics Division		Food and Agriculture Organization of the United Nations	Metadata adapted for FAM
Development Data Group	DECDG	World Bank Group	Metadata adapted for World Bank Microdata Library

DDI DOCUMENT VERSION

Identical to a metadata (IDN_2016_DBEBP_v01_M_v01_A_ESS) published on FAO microdata repository (<https://microdata.fao.org/index.php/catalog>). Some of the metadata fields have been edited.

data_dictionary

Data file	Cases	variables
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study_resources

technical_documents

DBEBP Codebook

title DBEBP Codebook
filename fao_who_gift_code_book.xlsx
