

National Dietary Survey 2008-2009

Brazilian Institute of Geography and Statistics (IBGE, Instituto Brasileiro de Geografia e Estatística)

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Identification

SURVEY ID NUMBER

BRA_2008-2009_INA_v01_M_v01_A_ESS

TITLE

National Dietary Survey 2008-2009

ABBREVIATION OR ACRONYM

INA 2008-09

TRANSLATED TITLE

Inquérito Nacional de Alimentação 2008-2009

COUNTRY

Name	Country code
Brazil	BRA

STUDY TYPE

Individual Food Consumption/Dietary Survey [hh/ifcs]

ABSTRACT

In 2008-2009, the Brazilian Institute of Geography and Statistics (IBGE, Instituto Brasileiro de Geografia e Estatística) included for the first time in its national Consumer Expenditure Survey (POF, Pesquisa de Orçamentos Familiares) a module to assess individual food intake in a sub-sample of the studied households.

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

The population group covered in the survey was the general population aged 10 years and older.

Coverage

GEOGRAPHIC COVERAGE

National coverage, both urban and rural areas.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Brazilian Institute of Geography and Statistics (IBGE, Instituto Brasileiro de Geografia e Estatística)

Sampling

SAMPLING PROCEDURE

Data were collected in a nationally representative cross-sectional survey (the 2008–2009 Brazilian POF), which investigated a sample of 55 970 households that had been selected using a two-stage cluster sample design. In the first stage, census tracts, which were the primary sampling units, were randomly selected based on data from the 2000 Brazilian Demographic Census to obtain homogeneous socio-economic and geographic strata. In the second stage, households were selected within each tract by simple random sampling without replacement. The National Dietary Survey was conducted in about 24 percent of these households ($n = 13\,569$) to obtain food consumption data for all family members, individuals aged 10 years and older.

WEIGHTING

Each household in the POF sub-sample represents a certain number of permanent private households from the population (universe) from which the original sample was selected. As such, each household in the sub-sample is associated with a sample weight or expansion factor. When applied to the characteristics investigated by the POF, this factor allows for the estimation of quantities of interest for the entire survey population.

The expansion factors were initially calculated based on the sampling plan effectively used in the selection of the sub-sample, incorporating adjustments to compensate for non-response from the investigated units. Subsequently, these factors underwent calibration adjustments, a procedure that aimed to ensure that, for each Federation Unit (calibration domains), the estimated totals for the population in certain segments matched the respective totals obtained through the expansion of the original POF sample.

Three variables represent the expansion sample weights in the survey: ESTRATO_POF, COD_UPA, and WEIGHTING_FACTOR. WEIGHTING_FACTOR: Final sampling weights (original survey variable "PESO_FINAL").

ESTRATO_POF: Stratification variable of the survey sampling design. This variable identifies the sampling strata used in the complex survey design.

COD_UPA: Primary Sampling Unit (PSU) identifier of the survey sampling design. This variable identifies the selected clusters (UPAs) and should be used in the analyses that account for the complex survey design.

WEIGHTING_FACTOR can be used alone to obtain weighted point estimates, but ESTRATO_POF and COD_UPA should also be used in analysis that account for the complex survey design, to allow for an accurate estimation of standard errors, confidence intervals, and statistical tests

Data collection

DATES OF DATA COLLECTION

Start	End
2008-11-11	2009-05-18

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

Individuals aged 10 years or older, residing in households that were selected for the survey, completed food diaries recording all foods and beverages consumed on two non-consecutive days. Participants were asked to include information on time, amount, and place of intake (inside or outside home). Details on the preparation mode were required for specific foods, mainly meats and vegetables. All respondents received a booklet with explanations on how to fill out the records and with pictures of tableware to help them estimate the amount of food consumed. Interviewers reviewed the records and entered the data into a computer database at the household. In addition, interviewers probed respondents with questions over usually forgotten items, such as small snacks, sweets and beverages. Further, they verified that all three hours periods without food intake and records with less than five items were corrected, following the multiple-pass method to accurately record all possible foods consumed. This procedure allowed the filling-in of incomplete data by interviewing family members.

DATA COLLECTORS

Affiliation

Brazilian Institute of Geography and Statistics (Instituto Brasileiro de Geografia e Estatística - IBGE)

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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- The micro dataset cannot be re-disseminated by users or shared with anyone other than the individuals that are granted access to the micro dataset by FAO.

CITATION REQUIREMENTS

Pesquisa de Orçamentos Familiares 2008-2009 - Dados de Consumo Alimentar Pessoal no Brasil

Disclaimer and copyrights

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_BRA_2008-2009_INA_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Food and Nutrition Division	ESN	Food and Agriculture Organization of the United Nations	Metadata producer
Statistics Division	ESS	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 (BRA_2008_2009_INA_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

INA Codebook

title INA Codebook
filename fao_who_gift_code_book.xlsx
