

# Philippines - 2015-2016 Survey of Food Demand on Agricultural Commodities

**Philippine Statistics Authority (PSA)**

Report generated on: February 16, 2023

Visit our data catalog at: <https://psada.psa.gov.ph/>

## Overview

### Identification

---

ID NUMBER  
PHL-PSA-SFD-2015\_2016-v01

### Version

---

VERSION DESCRIPTION  
Version 1.0

PRODUCTION DATE  
2016-12

### Overview

---

#### ABSTRACT

The general objective of the survey is to generate data on per capita consumption of rice, corn, and other agricultural food commodities. Specifically, the survey aims to determine: the present average per capita consumption of rice, corn, and other basic agricultural food items; the emerging consumption patterns of Filipino households; the substitution of rice with other food commodities; and the quantity of rice and corn leftovers, wastage, and consumed by animals/pets.

#### KIND OF DATA

Sample survey data [ssd]

#### UNITS OF ANALYSIS

Household

### Scope

---

#### NOTES

Block A. Geographic Information

This block collects information on the geographic location where the sample household resides.

Block B. Sample Household Identification

This block aims to gather the demographic characteristics of the sample farmer.

Block C. Household Member's Particulars

This block contains information on the demographic profile of the household members.

Block D. Household Food Consumption and Food Source

This block seeks information on food consumption and food source of the household for the past seven (7) days.

Block E. Rice/Corn Leftovers, Wastage and Consumption by Animals

This block aims to determine the quantity (in kilogram) of rice/corn leftovers, wastage and consumption by animals during the past seven (7) days.

**Block F. Rice Substitution**

This block aims to capture information on rice substitution during the past seven (7) days.

**Block G. Number of Eaters and Consumption Pattern**

This block aims to capture information on the physical count of household members by type of meal in a day-by-day basis who consumed the commodities/ food items reported in Block D during the past seven (7) days.

## TOPICS

Topic	Vocabulary	URI
Living conditions, poverty and cross-cutting social issues	Philippine Statistics Authority	
Income and consumption	Philippine Statistics Authority	

**Coverage**

## GEOGRAPHIC COVERAGE

National coverage

## UNIVERSE

Households in the Philippines

**Producers and Sponsors**

## PRIMARY INVESTIGATOR(S)

Name	Affiliation
Philippine Statistics Authority (PSA)	National Economic and Development Authority (NEDA)

## FUNDING

Name	Abbreviation	Role
Government of the Philippines	GOP	Full funding
-Department of Agriculture	DA	Survey Operations
-Philippine Statistics Authority	PSA	Survey Operations

**Metadata Production**

## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Agricultural AccountsDivision	AAD	Philippine Statistics Authority	Owner of the Documentation

## DATE OF METADATA PRODUCTION

2018-07-20

## DDI DOCUMENT VERSION

Version 1.0

## DDI DOCUMENT ID

PHL-PSA-SFD-2015\_2016-v1.0

## Sampling

### Sampling Procedure

---

The survey employed a two-stage sampling design with the barangay as primary sampling unit and the household as secondary sampling unit. For the 80 provinces, province was the domain. The sample barangays were stratified based on urban-rural classification then selected systematically within each stratum based on barangay's total household population with implicit representation of highly urbanized cities (HUCs) and independent component cities (ICCs). For NCR, the region served as the domain and two sample barangays were drawn systematically from each city and municipality.

Selection of sample households in each sample barangay was done during the first survey round (August 2015). The sample households were selected and located through the right coverage procedure based on pre-assigned starting point (sp), random start (rs), and sampling interval (i). The procedure initially yielded 13,400 sample households across the country. All successfully enumerated households during the first survey round were covered in the succeeding rounds. By the end of the fourth survey round (May 2016), the survey covered a total of 12,851 sample households nationwide.

### Response Rate

---

Response rate was 100 percent in the first survey round. Due to circumstances such as refusal and sample respondent moved to other location, the number of responses from the original number samples decreased to 95.90 percent.

# Questionnaires

## Overview

---

The questionnaire was a structured questionnaire written in English. It was designed in tabular form and some in question type format. The data items/variables in the questionnaire were based on the previous questionnaires with some modifications.

The questionnaire were reviewed before its implementation.

The questionnaire consisted of 5 pages covering 7 blocks as follows:

Block A. Geographic Information includes the location of the farm such as the name of the region, province, city/municipality, barangay and urban/rural classification.

Block B. Sample Household Identification such as the name of household head, name of respondent and its classification, contact number

Block C. Household Member's Particulars such as the name, age, sex, level of education completed, main occupation and relationship of the household member to the household head

Block D. Household Food Consumption and Food Source includes the quantity, local unit, weight of one local unit in kilogram, mode of consumption, source of commodity and price

Block E. Rice/Corn Leftovers, Wastage and Consumption by Animals such as quantity of rice/corn leftover fed to pets, wasted and purposely cooked for animals

Block F. Rice Substitution includes the type of food substituted and the reason for substitution

Block G. Number of Eaters and Consumption Pattern includes the number of times the household members ate at home or ate outside by type of meal for the past seven (7) days

INTERVIEW PARTICULARS contain the name and signature of statistical researcher, field supervisor/editor and PSO and date accomplished.

The questionnaire is provided as related materials

## Data Collection

### Data Collection Dates

---

Start	End	Cycle
2015-08-08	2015-08-31	First Quarter
2015-11-08	2015-11-30	Second Quarter
2016-02-08	2016-02-28	Third Quarter
2016-05-08	2016-05-31	Fourth Quarter

### Time Periods

---

Start	End	Cycle
2015-08-01		First Quarter
2015-11-01		Second Quarter
2016-02-01		Third Quarter
2016-05-01		Fourth Quarter

### Data Collection Mode

---

Face-to-face [f2f]

### Data Collection Notes

---

Only two (2) callback is allowed. During the first survey round, replacements for sample respondents will be provided, the succeeding rounds shall be considered as refusal.

### Questionnaires

---

The questionnaire was a structured questionnaire written in English. It was designed in tabular form and some in question type format. The data items/variables in the questionnaire were based on the previous questionnaires with some modifications.

The questionnaire were reviewed before its implementation.

The questionnaire consisted of 5 pages covering 7 blocks as follows:

Block A. Geographic Information includes the location of the farm such as the name of the region, province, city/municipality, barangay and urban/rural classification.

Block B. Sample Household Identification such as the name of household head, name of respondent and its classification, contact number

Block C. Household Member's Particulars such as the name, age, sex, level of education completed, main occupation and relationship of the household member to the household head

Block D. Household Food Consumption and Food Source includes the quantity, local unit, weight of one local unit in kilogram, mode of consumption, source of commodity and price

Block E. Rice/Corn Leftovers, Wastage and Consumption by Animals such as quantity of rice/corn leftover fed to pets, wasted and purposely cooked for animals

Block F. Rice Substitution includes the type of food substituted and the reason for substitution

Block G. Number of Eaters and Consumption Pattern includes the number of times the household members ate at home or ate outside by type of meal for the past seven (7) days

INTERVIEW PARTICULARS contain the name and signature of statistical researcher, field supervisor/editor and PSO and date accomplished.

The questionnaire is provided as related materials

## Data Collectors

---

Name	Abbreviation	Affiliation
Philippine Statistics Authority	PSA	National Economic and Development Authority

## Supervision

---

The provincial office staff were responsible for the supervision of the survey operations. Among the tasks carried out by field supervisors were the conduct of spot checking during data collection to monitor the data collectors' work, back-checking the work of SRs after data collection and the preparation of field supervision report.

## Data Processing

### Data Editing

---

Editing of survey returns were done at the provincial offices upon submission of the accomplished questionnaires by the SRs. These activities were undertaken to ensure the quality of data that were collected.

The document on Editing Guidelines is provided in the Technical Documents.

### Other Processing

---

A five (5) day training/workshop on data processing was conducted to facilitate the generation of survey results. It was attended by the Provincial Focal Person or staff in-charge on Other Crops and selected staff of the Agricultural Accounts Division (AAD).

The training/workshop covered data encoding, data review, cleaning and updating of flat files using MS Excel program developed by AAD.

During the training/workshop, completeness check, consistency checks and accuracy checks were done to ensure quality of data.

The output of the data review and cleaning was the final set of raw data file which was used for the generation of data tables. These data tables were validated and compared with the results of the 2012 SFD and results of other relevant surveys.

## Data Appraisal

### **Estimates of Sampling Error**

Not computed.

### **Other forms of Data Appraisal**

Series of reviews were done to assess the quality of the data in terms of reliability and acceptability. A comparison with the results of past surveys on per capita consumption was made.