Philippines - Palay and Corn Stocks Survey 1 2016

Philippine Statistics Authority (PSA)

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Overview

Identification

ID NUMBER
PHL-PSA-PCSS1-2016-v1.0

Version

VERSION DESCRIPTION
V1.0: Division edits for preliminary estimates computation (raw, first output)

PRODUCTION DATE
2017-01-10

Overview

ABSTRACT
The objective of the survey is to generate estimates on current stock of rice and corn in farming and non-farming households. The data generated from the survey seek to:

1. serve as input in the analysis of the seasonal trends and variations in the supply of rice and corn;

2. serve as input for forecasting future supply and demand of palay and corn; and

3. assist policy-makers in the formulation, implementation and administration of agricultural economic programs.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
The survey has farming and non-farming households as units of analysis.

Scope

NOTES
The scope of the Palay and Corn Stocks Survey 1 includes:

- Geographic Classification (Province, Municipality, Barangay, Province Classification) and Household Classification (Farming and Non-Farming)

- Household Characteristics (Name of Household Head, Name of Respondent, Relationship to Household Head)

- Quantity of Palay in the House as of the reporting month, as of 6:00 am, in Local Unit (Unit Used, Number of Units, Weight of One Unit)

- Quantity of Rice in the House as of the reporting Month, as of 6:00 am, in Local Unit (Unit Used, Number of Units, Weight of One Unit)

- Quantity of Shelled Corn (Yellow/White) in the House as of the Reporting Month, in Local Unit (Unit Used, Number of Units, Weight of One Unit)

- Quantity of Corn Grits (Yellow/White) in the House as of the Reporting Month, in Local Unit (Unit Used, Number of Units,

Weight of One Unit)

TOPICS

Topic	Vocabulary	URI
Agriculture, forestry, fisheries	Philippine Statistics Authority	

Coverage

GEOGRAPHIC COVERAGE (1)
The survey covers seventy-nine (79) provinces (including Dinagat Islands), two (2) chartered cities (Davao City and Zamboanga City), and National Capital Region

GEOGRAPHIC COVERAGE (2)
National

GEOGRAPHIC UNIT
Barangay

UNIVERSE
Farming and non-farming households

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

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
National Food Authority (NFA)	Department of Agriculture (DA)	Partner agency/Stakeholder

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Crops Statistics Division	CSD	Philippine Statistics Authority (PSA)	Documenter

DATE OF METADATA PRODUCTION
2019-02-28

DDI DOCUMENT VERSION
Version 1.0

DDI DOCUMENT ID

DDI-PHL-PSA-PCSS1-2016-v1.0.

Sampling

Sampling Procedure

The domain of the survey is the province. The sampling procedure used in the Palay and Corn Stocks Survey 1 (PCSS1) makes use of one replicate of the Palay and Corn Production Survey (PCPS). Sample selection is done in two stages -- at the barangay level and at the household level. The province's classification is taken into consideration in the classification of barangays sampled.

- For pure palay provinces, or provinces whose major crop is palay, all the 10 sample barangays from one replicate of the Palay Production Survey (PPS) are covered.

- For pure corn provinces, or provinces whose major crop is corn, all the 10 sample barangays from one replicate of the Corn Production Survey (CPS) are covered.

- For palay and corn (overlap) provinces, or provinces where both palay and corn are the major crops, five (5) barangays are drawn from the PPS sample barangays and another five (5) from the CPS sample barangays.

- For minor provinces, or provinces whose major crop is neither palay nor corn, five (5) sample barangays are drawn.

In the selection of sample households (SSU), the PCSS1 incorporated non-farming households, in addition to farming households of the PCPS. Selection of the five (5) non-farming households was using simple random sampling.

Weighting

The expansion factor of the PCSS1 is based on the number of farming and non-farming households from the 1991 Census on Agriculture and Fishery (CAF) which is updated in July every year using the projected midyear population estimate.

Questionnaires

Overview

The survey uses a structured questionnaire referred to as CSD Form 3a/3b. The questionnaire has two major parts- palay and corn which are further sub divided by product type: for palay (palay and rice) and for corn (corn grain and corn grits).The same questionnaire is used in the monthly surveys.

Data Collection

Data Collection Dates

Start	End	Cycle
2016-01-01	2016-01-04	January
2016-02-01	2016-02-04	February
2016-03-01	2016-03-04	March
2016-04-01	2016-04-04	April
2016-05-01	2016-05-01	May
2016-06-01	2016-06-04	June
2016-07-01	2016-07-04	July
2016-08-01	2016-08-04	August
2016-09-01	2016-09-04	September
2016-10-01	2016-10-04	October
2016-11-01	2016-11-04	November
2016-12-01	2016-12-04	December

Time Periods

Start	End	Cycle
2016-01-01		February round
2016-02-01		March round
2016-03-01		April round
2016-04-01		May round
2016-05-01		June round
2016-06-01		July round
2016-07-01		August round
2016-08-01		September round
2016-09-01		October round
2016-10-01		November round
2016-11-01		December round
2016-12-01		January round

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

The PCSS1 is one of the regular surveys of the PSA. The workload of each field staff is determined by the Provincial Statistical Officer (PSO) based on the area(s) of assignment, location of samples and other workloads. Likewise, corresponding travel expense is provided, charged to the travel allocation of the province.

The PSO is responsible for the field supervision and proper conduct of the survey. He/she sees to it that the field staff understand the concepts, definitions and procedures before sending them out for actual operations (through proper re-orientation and training).

At the beginning of the month, the field staff visits the sample barangays/households and collects the information through personal interview. With the 1st day of the month as of 6:00 am as the reference date, the field staff asks the respondents their stock in the household, in another household, or in non-commercial granaries. Answers to queries are entered in a pre-formatted questionnaire.

Questionnaires

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Data Collectors

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

Supervision

In the field, the Regional Director (RD) is responsible for the monitoring and supervision of the survey of all provinces within the region. At the provincial level, the overall supervisor is the Provincial Statistical Officer (PSO). The Supervising Statistical Officer, aside from his/her assignment as assistant supervisor in the province, may be given a specific area of supervision, upon the discretion of the PSO. On the other hand, the Provincial Office (PO) staff are tapped to gather the needed information for the survey.

In order to minimize non-sampling errors, quality control measures are instituted at various phases of the activity. Rounds of reviews are made before the survey instruments are reproduced for field operations. During field operations, much attention is given to the conduct of training to ensure that the procedures and concepts are correctly understood. Mock interviews and dry-run exercises are made part of the training.

Close supervision is a must during data collection. Part of the PSO's job as field supervisor is the conduct of back-checking activity. The procedure involves re-contacting of respondents to check some details regarding the interview and the interviewer. The objective is to find out if data collection was indeed conducted and if so, determine the extent of the difference between the respondent's answers during the data collection proper and the back-checking activity.

Item-by-item checks on the consistency, completeness and acceptability of the data are done during and after data collection, before the results are summarized. Once table generation is done, series of reviews on the results follow before the data are finally presented and disseminated.

Data Processing

Data Editing

Completed survey returns shall be edited, compiled and summarized by the field staff. They shall also compute the initial estimates of stocks of palay and corn for the barangay (raw data) and province using the prescribed estimation procedure.

Other Processing

The processing of the Palay and Corn Stocks Survey 1 (PCSS1) returns is decentralized. In the POs, this is still done manually and results derived are processed using an Excel-based processing system developed at the Cereals Statistics Section of the Central Office. The resulting provincial estimates are summarized using the prescribed format and forwarded to the Central Office for review and consolidation.

Data Appraisal

Estimates of Sampling Error

Not available

Other forms of Data Appraisal

Review is being done based on time series data and is further validated with concerned RDs and PSOs.