

Philippines - Rice and Corn Stocks Survey: Commercial 2022

Philippine Statistics Authority (PSA)

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Overview

Identification

ID NUMBER

PHL-PSA-RCSS-C-2022-v1.0

Version

VERSION DESCRIPTION

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

PRODUCTION DATE

2022-11-11

Overview

ABSTRACT

The information on Philippine rice and corn stocks inventory are sourced out from the data gathered from the households, commercial and government sectors. The household stocks inventory is estimated through the Rice and Corn Stocks Survey: Household (RCSS:H) and the commercial stocks inventory is taken from the RCSS:C of the PSA. On the other hand, the government stocks inventory is taken from the NFA warehouses/depositories. The PSA consolidates the stocks inventories from the three sectors and disseminates it monthly through its publication of Special Release on Rice and Corn Stocks Inventory. These information are inputs to planners and policy makers in formulating programs and policies on food security. This also serve as inputs to the estimation and compilation of the national accounts.

The objective of the survey is to generate rice and corn stocks inventory held by the commercial sector.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

NFA registered grains businessmen

Scope

NOTES

The scope of the Rice and Corn Stocks Survey: Commercial includes:

A. Geographic Identification (Region, Province, Municipality, Barangay, Stratum and Control Number)

B. Sample Information (Name of Establishment, Tax Identification Number, Address of Establishment, Name of Owner/Manager, Name of Respondent, Contact Number of Respondent,

Designation of Respondent and Interview Record)

C. Stocks Information

1. Quantity of Palay in the Establishment as of the first day of the reporting Month, in Local Unit (Number of Units, Weight of One Unit)

2. Quantity of Rice in the Establishment as of the first day of the reporting Month, in Local Unit (Number of Units, Weight of One Unit)

3. Quantity of Corn Grain (Yellow/White) in the Establishment as of the first day of the Reporting Month, in Local Unit (Number of Units, Weight of One Unit)

4. Quantity of Corn Grits (Yellow/White) in the Establishment as of the first day of the Reporting Month, in Local Unit (Number of Units, Weight of One Unit)

D. Respondent's Stocks Assessment

Assessment of Current Stocks (palay, rice, corn grits and corn grain) compared to same month last year and last month

TOPICS

Topic	Vocabulary	URI
Agriculture, forestry, fisheries	Philippine Statistics Authority	

Coverage

GEOGRAPHIC COVERAGE

National coverage

GEOGRAPHIC UNIT

Barangay

UNIVERSE

NFA Registered Grains Businessmen

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	Department of Agriculture	Partner agency/Stakeholder

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Crops Statistics Division-Economic Sector Statistics Service	CSD-ESSS	Philippine Statistics Authority (PSA), National Economic and Development Authority (NEDA)	Documenter

DATE OF METADATA PRODUCTION

2022-12-06

DDI DOCUMENT VERSION

Version 1.0

DDI DOCUMENT ID
DDI-PHL-PSA-RCSS-C-2022-v1.0.

Sampling

Sampling Procedure

The RCSS:C employs a two-stage systematic sampling wherein the first level of stratification is the line of activity of the NFA registered grains businessmen and the second level of stratification is the businessmen's capitalization. The line of activity of grains businessmen are stratified into four: 1 - retailers, 2 - wholesalers, 3 - combined retailers/wholesalers and 4 - warehousemen. The line of activity is further sub-stratified according to businessmen's capitalization such as 1 - big, 2 - medium and 3 - small capitalization structure, while warehousemen are sub-stratified into two, that is 1 - big and 2 - combined medium and small.

Response Rate

9,925 establishments were selected for the sample. Of these, the expected response rate is 95.0%.

Weighting

The expansion factor of the RCSS:C is based on the number of sample grains businessmen from the 2017 NFA List of Registered Grains Businessmen as the sampling frame.

Questionnaires

Overview

The survey uses a structured questionnaire referred to as RCSS:C Form. The questionnaire captures stocks information on rice and corn stocks owned by grains businessmen as of 6:00am of the first day of the reference month. The same questionnaire is used in the monthly surveys.

Data Collection

Data Collection Dates

Start	End	Cycle
2022-01-01	2022-01-04	January
2022-02-01	2022-02-04	February
2022-03-01	2022-03-04	March
2022-04-01	2022-04-04	April
2022-05-01	2022-05-04	May
2022-06-01	2022-06-04	June
2022-07-01	2022-07-04	July
2022-08-01	2022-08-04	August
2022-09-01	2022-09-04	September
2022-10-01	2022-10-04	October
2022-11-01	2022-11-04	November
2022-12-01	2022-12-04	December

Time Periods

Start	End	Cycle
2022-01-01		January
2022-02-01		February
2022-03-01		March
2022-04-01		April
2022-05-01		May
2022-06-01		June
2022-07-01		July
2022-08-01		August
2022-09-01		September
2022-10-01		October
2022-11-01		November
2022-12-01		December

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

Statistical Researchers (SRs) are hired to gather the data. Prior to data collection, briefing of the SRs is conducted to ensure that the procedures and concepts of the survey are understood.

Courtesy call to barangay officials are done by the SRs prior to data collection in the sample barangay in order to explain the nature and purpose of the survey and to seek permission for its conduct in their area. At the establishment level, the objectives of the survey are explained by the SRs as well as an assurance that the information collected are treated with utmost confidentiality. Average interview time per sample household ranged from 10 to 15 minutes.

The SRs use the local dialect in the interview in accordance with the procedures prescribed in the manual of instructions and as discussed during the briefing. Problems encountered by the SRs are reported to their supervisors for appropriate action. The accomplished questionnaires are first edited by SRs for completeness, consistency and acceptability of the entries before submitting to the supervisors.

Questionnaires

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Data Collectors

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

Supervision

Field supervision is undertaken by the Provincial Statistical Offices (PSOs) staff in their respective municipalities assignments. The Provincial Statistical Officer serves as overall supervisor in the province, while the Regional Director (RD) is the overall supervisor in the region. Central Office (CO) staff of the subject matter division conduct field visits in selected provinces to observe field operations.

Among the responsibilities of the supervisors are to conduct briefing of SRs prior to data collection, conduct spot-checking and re-interview activities during and after the data collection, edit accomplished returns, address problems encountered by the SRs under his/her supervision and report to CO the significant findings that may contribute to the analysis of the survey results.

Duties and responsibilities of the supervisors are described in detailed in the Manual of Operations.

Data Processing

Data Editing

Data editing is done in two stages, namely: manual and machine editing. The completed survey returns are manually edited by the field supervisors prior to data encoding. Manual editing involves the checking of data items based on the pre-set criteria, data ranges, completeness and consistency with other data items in the questionnaire. Thereafter, coding of alphanumeric codes for questionnaire items are performed to facilitate data entry.

Data are processed in the RCSS:C data processing system developed using the Census and Survey Processing System (CSPPro). The data processing is decentralized at the PSOs which include encoding of the data from the edited survey returns, machine editing, completeness check and generation of output tables.

In validation process, the encoded data are subjected to machine editing using the customized editing program. The editing program takes into consideration the validation criteria such as validity, completeness and consistency with other data items. These activities are done to capture invalid entries that were overlooked during manual editing.

An error listing will be produced as output of the process. The errors reflected in the error list are verified vis-a-vis the questionnaires. The data files are then updated based on the corrections made. Editing and updating are performed iteratively until a clean, error-free data file is generated.

Completeness check is done to compare the data file against the list of samples to check if the samples have been completely surveyed. This activity is done after clean, error-free data file is generated.

Other Processing

Data from th RCSS:C are processed using a CSPPro-based processing system developed by the Systems Development Division - Information Technology and Dissemination Service (SDD-ITDS).

The processing activities at the PSOs include encoding of the data from the edited survey returns, machine editing, completeness check and generation of output tables.

The CSD-ESSS of PSA CO developed a MS Excel-based template for the review and consolidation of estimates at the provincial, regional and national levels.

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.