

Philippines - Crops Production Survey 2019

Philippine Statistics Authority (PSA)

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Identification

SURVEY ID NUMBER

PHL_CPS_2019_v01_EN_M_v01_A_OCS

TITLE

Crops Production Survey 2019

COUNTRY

Name	Country code
Philippines	PHL

STUDY TYPE

Agricultural Survey [ag/oth]

SERIES INFORMATION

In 1970s and 1980s, data collection for other crops was done simultaneously with the regular Rice and Corn Survey (RCS). The sample respondents of the RCS were also asked on basic production information on other crops grown. The estimation followed that of rice and corn.

From 1980 to 1985, the then Bureau of Agricultural Economics (BAEcon) field staff and Agricultural Technicians (ATs) detailed with the BAEcon under the Regional Agricultural Data Delivery System - Ministry of Agriculture Integrated Management Information System (RADDs-MAIMIS) project were responsible for data collection. At that time, estimation of area and production was based on indicators such as average size of farms and number of growers. Reporting forms were not standardized. Provincial estimates for area and production for all crops were submitted on semi-annual basis for consolidation at BAEcon Central Office. Data were disaggregated at the regional level.

In 1987 under Executive Order No. 116 when BAS assumed the mandate as principal agency responsible for Agricultural Statistics, replacing BAEcon, some improvements have been introduced on data collection. A separate data collection system for other crops was established. A three-stage sampling design was employed with the top 5 producing municipalities as the primary sampling units (psu), the top 5 producing barangays as the secondary sampling units (ssu) and 5 farmer-producers as the ultimate sampling units (usu). The results were supplemented and validated with data from other agencies. In this system, the provincial offices submitted estimates of the percent changes in area, production and total number of trees. Production estimates of about 20 major crops and 9 additional priority crops were computed quarterly. Production of the rest of the crops including area and bearing trees was estimated on a semi-annual basis.'

In 1989, only the provinces with a combined contribution of 80 percent to the total production of the major crops during the last three years were required to submit the Quarterly Report on Production (QRP). This system of reporting was implemented until 1999 when all provinces were required to submit the QRP. This requirement was an improvement since even the minor provinces could make significant differences in the estimates. Data management at the Central Office was also improved.

Starting in 2000, the quarterly report on production is based on the results of the Crops Production Survey (CrPS), a sample survey of farmer-producers. The CrPS is conducted quarterly to generate production estimates for crops other than the cereals. It generates estimates with national, regional and provincial levels disaggregation.

Data on crops with specialized government agencies such as sugar, fiber, cotton, coconut and tobacco were supplemented and validated with data from other agencies.

The CrPS 2017 covered a total of 282 crops. The individual estimates of the 19 highlighted items in the quarterly Performance of Agriculture Report (PAR) are released at the national level while the rest are lumped as Other Crops. Provincial level estimates are available on an annual basis.

ABSTRACT

The 2019 CrPS is conducted quarterly to generate production estimates for crops other than palay and corn at the national, regional and provincial levels disaggregation. Production data generated from the CrPS are inputs to the Performance of Agriculture Report (PAR) and to the preparation of the Gross Domestic Product (GDP). Moreover, the survey aims to support the data needs of planners, policy and decision makers and other stakeholders in the agricultural sector, and to provide periodic updates on crop related developments.

Of the 282 crops covered, the individual estimates of the 19 crops highlighted in the quarterly PAR are released at the national level, while the rest were lumped as Others. Provincial level estimates are available on an annual basis.

The survey adopts two-stage sampling with the city/municipality as the primary sampling unit and the households as the secondary sampling unit.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

The scope of the survey includes: volume of production and area harvested for temporary crops; volume of production, area planted and number of bearing trees/hills/vines for permanent crops.

TOPICS

Topic	Vocabulary
Agriculture, forestry, fisheries	Philippine Statistics Authority

Coverage

GEOGRAPHIC COVERAGE

National and Regional

UNIVERSE

All small and large farms/farmer-producers of all agricultural crops, other than palay and corn, nationwide.

Producers and sponsors

PRIMARY INVESTIGATORS

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

PRODUCERS

Name	Affiliation	Role
Sugar Regulatory Administration	Department of Agriculture (DA)	data collection and validation for canes milled for centrifugal sugar
Philippine Coconut Authority	Department of Agriculture (DA)	data collection and validation for coconut

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Government of the Philippines	GOP	Full funding

Sampling

SAMPLING PROCEDURE

The survey employs two-stage sampling design with city/municipality as the primary sampling unit (psu) and farmer-

producer as the secondary sampling unit (ssu). Farms are classified as small and large farms according to the area planted to a specific crop.

For small farms, crops are classified based on coverage of the Farm Price Survey (FPS), i.e. FPS and non-FPS. For crops under FPS, the top five producing cities/municipalities based on the volume of production were chosen as psus. In each city/municipality, five sample farmer-producers were enumerated as ssus.

For small farms of all other crops not covered under FPS, top two to three producing cities/municipalities were chosen as psus. In each city/municipality, three sample farmer-producers were enumerated as ssus.

This scheme is applied to each of the crops being covered every survey round. It is possible for a farmer-producer to be a respondent for several crops which he plants and harvests during the reference quarter and same period of last year.

Classification for large farms is based on the cut-off on area planted. Each survey round covers a maximum of five large farms by crop. The above scheme was adopted since 2005 to date.

WEIGHTING

Responses on actual levels from the respondents are summarized and the overall change at the provincial level is estimated for each crop separately for large and for small farms. The overall percent change for the province accounts for both large and small farms and are computed based on their relative contributions of area planted in the province. These levels of contribution are discussed, reviewed and validated by the Chief Statistical Specialists (CSSs) and their staff.

Data Collection

DATES OF DATA COLLECTION

Start	End	Cycle
2019-02-17	2019-02-28	Quarter 1
2019-05-19	2019-05-31	Quarter 2
2019-08-21	2019-08-31	Quarter 3
2019-11-20	2019-11-30	Quarter 4

DATA COLLECTION MODE

Face-to-face [f2f]

Access policy

CONTACTS

Name	Affiliation	Email	URL
Crops Statistics Division (CSD)	Philippine Statistics Authority	csd.staff@psa.gov.ph	Link

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Metadata production

DDI DOCUMENT ID

DDI_PHL_CPS_2019_v01_EN_M_v01_A_OCS

PRODUCERS

Name	Abbreviation	Affiliation	Role
Crops Statistics Division	CSD	Philippine Statistics Authority (PSA)	Metadata producer
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM

Data Description

Data file	Cases	Variables
Volume of Production, Area Planted/Harvested, and Number of Bearing Trees The file contains volume of production in metric tons by quarter, area planted/harvested in hectares and number of bearing trees by semester disaggregated by region and province.	0	15