# Philippines - Crops Production Survey 2018

## Philipine Statistics Authority (PSA) - National Economic and Development Authority (NEDA)

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### Overview

### Identification

ID NUMBER PHL-PSA-CrPS-2018-v1.0

### Version

VERSION DESCRIPTION version 1.0 Division edits for preliminary estimates computation (raw, first edit)

PRODUCTION DATE 2018-06-30

### **Overview**

#### ABSTRACT

The 2018 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]

UNITS OF ANALYSIS Production, area planted/harvested and number of bearing trees/hills/vines as unit of analysis

### 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

| Торіс                            | Vocabulary                      | URI |
|----------------------------------|---------------------------------|-----|
| Agriculture, forestry, fisheries | Philippine Statistics Authority |     |

#### Coverage

| GEOGRAPHIC | COVERAGE | (1) |
|------------|----------|-----|
| National   |          |     |

#### GEOGRAPHIC COVERAGE (2) Regional

Provinces in Regions (National Capital Region not included)

#### GEOGRAPHIC UNIT

The lowest level of geographic disaggregation is the municipality.

#### UNIVERSE

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

### **Producers and Sponsors**

#### PRIMARY INVESTIGATOR(S)

| Name                                 | Affiliation  |
|--------------------------------------|--|
| Philipine Statistics Authority (PSA) | National Economic and Development Authority (NEDA) |

#### OTHER PRODUCER(S)

| 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

| Name                          | Abbreviation | Role         |
|-------------------------------|--------------|--------------|
| Government of the Philippines | GOP          | Full funding |

### **Metadata Production**

METADATA PRODUCED BY

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

DATE OF METADATA PRODUCTION 2019-05-27

DDI DOCUMENT VERSION Version 1.0

DDI DOCUMENT ID DDI-PHL-PSA-CrPS-2018-v1.0

### 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 as 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.

### **Response Rate**

Not available

### 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.

### Questionnaires

### **Overview**

The collection forms are in English language. This captures volume of production, area planted/harvested, and number of bearing trees/hills/vines for the current quarter and same period of last year. A remarks column is also provided for the explanation on the changes this year against last year. It also serves as summary worksheet for the small and large farms and provincial summary. The instrument is a one-page collection form which could accommodate as many as five crops. The number of sheets may vary depending on the number of crops covered in the province.

### Data Collection

#### **Data Collection Dates**

| Start      | End        | Cycle     |
|------------|------------|-----------|
| 2018-02-17 | 2018-02-28 | Quarter 1 |
| 2018-05-19 | 2018-05-31 | Quarter 2 |
| 2018-08-21 | 2018-08-31 | Quarter 3 |
| 2018-11-20 | 2018-11-30 | Quarter 4 |

### **Time Periods**

| Start      | End        | Cycle                   |
|------------|------------|-------------------------|
| 2018-01-01 |            | Quarter 1 (preliminary) |
| 2018-04-01 | 2018-06-30 | Quarter 2 (preliminary) |
| 2018-07-01 | 2018-09-30 | Quarter 3 (preliminary) |
| 2018-10-01 | 2018-12-31 | Quarter 4 (preliminary) |
|            |            |                         |

### **Data Collection Mode**

Face-to-face [f2f]

### **Data Collection Notes**

There are specialized commodity agencies which also generate production-related statistics. For sugarcane, the data for centrifugal sugar in ton canes are obtained from the Sugar Regulatory Administration (SRA). These are from the reports of sugar mills operating in the country. The PSA Provincial Statistical Offices collect data on production of canes for chewing, basi/vinegar, ethanol, and panocha/muscovado through the quarterly CrPS. These two data sets are incorporated to account for the production of sugarcane.

In the case of fiber crops, data from Philippine Fiber Industry Development Authority (PhilFIDA) serves as check data. Meanwhile, for coconut, the data is a product of the reconciled data of the Quarterly Coconut Production Survey (QCPS), a joint undertaking with the Philippine Coconut Authority (PCA) and CrPS of PSA.

The CrPS 2018 data collection is conducted at the last ten days of the second month of the quarter. The estimates generated for the current quarter is preliminary and final data for the previous quarter.

### Questionnaires

The collection forms are in English language. This captures volume of production, area planted/harvested, and number of bearing trees/hills/vines for the current quarter and same period of last year. A remarks column is also provided for the explanation on the changes this year against last year. It also serves as summary worksheet for the small and large farms and provincial summary. The instrument is a one-page collection form which could accommodate as many as five crops. The number of sheets may vary depending on the number of crops covered in the province.

### **Data Collectors**

| Name                            | Abbreviation | Affiliation                                 |
|---------------------------------|--------------|---|
| Philippine Statistics Authority | PSA          | National Economic and Development Authority |
| Sugar Regulatory Administration | SRA          | Department of Agriculture                   |
| Philippine Coconut Authority    | PCA          | Office of the President                     |

### **Supervision**

Field supervision is undertaken by the Provincial Statistical Offices staff in their respective municipalities of assignments. The Chief Statistical Specialists (CSSs) serves as overall supervisor in the province, while the Regional Direcor (RD) is the overall supervisor in the region. The Central Office technical staff also make visits in some provinces to observe the field operations.

Among the responsibilities of the supervisor are to conduct training for Statistical Researchers (SR) prior to data collection, conduct spotchecking and backchecking activities during and after data collection, edit completed returns, address problems encountered by the SRs under his/her supervision and report to Central Office the significant findings that may contribute to the analysis of the survey results.

### Data Processing

### **Data Editing**

Editing is done in four stages during the data review. The initial stage is at the collection point while with the respondent. This starts with the completeness and correctness of the entries in the collection forms. The yield per unit area or kilograms per bearing tree and bearing tree per hectare were computed and verified with the respondents when these are out of range. The range varies by crop and reference period. Also, the farmer-producer as respondents are asked on the climatic condition during the previous quarter up to the current quarter, and explanations on the change in the level against the same period a year ago.

During the Provincial Data Review (PDR), Regional Data Review (RDR) and National Data Review (NDR), data editing is done after encoding and data transfer from one form or system to another during the generation of estimates.

### **Other Processing**

Using the MS-Excel software, regional totals and percent changes are automatically computed upon linking of the provincial worksheets. Likewise, the Central Office generates the national estimates by linking regional files. Other than the summation of the levels on volume of production, area and bearing trees, the system computes for the kilograms per hectare/bearing trees and bearing trees per hectare at all levels.

### Data Appraisal

### **Estimates of Sampling Error**

#### Not provided.

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

To ensure the quality of its statistical services, the PSA has mainstreamed in its statistical system for generating production statistics, a quarterly data review and validation process. This is undertaken at the provincial, regional and national levels to incorporate the impact of events not captured in the survey.

The data review process starts at the data collection stage and continues up to the processing and tabulation of results. However, data examination is formalized during the provincial data review since it is at this stage where the data at the province-level is analyzed as a whole. The process involves analyzing the survey data in terms of completeness, consistency among variables, trend and concentration of the data and presence of extreme observations.

Across validation levels, a set of parameters is being used as guideposts and the available data from other agencies. The existing indicators also accounts for the situation in the province. At the RDR, the data is assessed to reflect the situation of the region and the levels in comparison between and among the provinces in the region. At the NDR, the data are validated in comparison to national level data and the data between and among the regions.

To some extent and for valid reasons, this involves adjustment of the levels of the data generated.

### **File Description**

### Variable List

# Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

| Content      | 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. |
|--------------|--|
| Cases        | 0  |
| Variable(s)  | 15   |
| Structure    | Type:<br>Keys: ()  |
| Version      | version 1.0 - cleaned unit level data not anonymized for internal use.   |
| Producer     | Philippine Statistics Authority  |
| Missing Data |  |

### Variables

| ID  | Name  | Label                             | Туре     | Format    | Question                |
|-----|-------|-----------------------------------|----------|-----------|-------------------------|
| V4  | Ref   | Reference Period                  | discrete | numeric   | Reporting Round         |
| V3  | Year  | Year                              | discrete | numeric   | Year                    |
| V2  | Prov  | Province                          | discrete | numeric   | Province                |
| V5  | Mun   | City/Municipality                 | discrete | numeric   | Municipality            |
| V6  | Crops | Crops                             | discrete | numeric   | Crops                   |
| V17 | Resp  | Name of Respondent                | discrete | character | Name of Respondent      |
| V8  | Prod1 | Production last year in kilograms | contin   | numeric   | Production last year    |
| V9  | Prod2 | Production this year in kilograms | contin   | numeric   | Production this year    |
| V11 | Areal | Area last year in hectares        | contin   | numeric   | Area Last Year          |
| V12 | Area2 | Area this year in hectares        | contin   | numeric   | Area This Year          |
| V13 | BT1   | Bearing trees last year           | contin   | numeric   | Bearing Trees Last Year |
| V14 | BT2   | Bearing trees this year           | contin   | numeric   | Bearing Trees This Year |
| V10 | Reas  | Reasons for Changes               | discrete | character | Reasons for Changes     |
| V15 | Wght1 | Weight of Small Farms             | contin   | numeric   | Weight of Small Farms   |
| V16 | Wght2 | Weight of Large Farms             | contin   | numeric   | Weight of large farms   |

### **Reference Period (Ref)** File: Volume of Production, Area Planted/Harvested, and Number of **Bearing Trees**

#### Overview

Type: Discrete Format: numeric Width: 2 Decimals: 0 Range: 1-4 Invalid: 99

#### Description

Quarter refers to reference period of the collected data where: Quarter 1 covers from January-March Quarter 2 covers from April-June Quarter 3 covers from July-September Quarter 4 covers from October-December

#### Universe

All months of the year grouped by three months

#### Literal question

**Reporting Round** 

#### Interviewer instructions

This shall be filled-up before going to the field for data collection.

Indicate the reference period in the space provided. The first space shall be for the first reference month of the quarter/semester and the second space for the last reference month of the quarter/semester.

This worksheet shall be used as 1) collection form and as 2) provincial summary.

### Year (Year) File: Volume of Production, Area Planted/Harvested, and Number of **Bearing Trees**

Valid cases: 0

Invalid: 0

#### **Overview**

Type: Discrete Format: numeric Width: 4 Decimals: 0 Range: 1990-2017 Invalid: 999

#### Literal question

Year

#### Interviewer instructions

This shall be filled-up before going to the field for data collection. Indicate the year of the reference period in the space provided.

This worksheet shall be used as 1) collection form and as 2) provincial summary.

### Province (Prov) File: Volume of Production, Area Planted/Harvested, and Number of **Bearing Trees**

#### Overview

### Province (Prov) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

Type: Discrete Format: numeric Width: 4 Decimals: 0 Range: 128-1759 Invalid: 9999-

#### Universe

All provinces in all regions nationwide

Literal question

Province

#### Interviewer instructions

This shall be filled-up before going to the field for data collection. Enter the name of the Province where data collection shall be done.

This worksheet could be used as 1) collection form and as 2) provincial summary.

### City/Municipality (Mun) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Discrete Format: numeric Width: 6 Decimals: 0 Range: 12801-175917 Invalid: 999999

#### Universe

All municipalities in the Philippines

#### Literal question

Municipality

#### Interviewer instructions

This shall be filled-up before going to the field for data collection. Enter the name of the municipality where data collection shall be done.

This worksheet shall be used as 1) collection form and as 2) provincial summary.

### Crops (Crops) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Discrete Format: numeric Width: 10 Decimals: 0 Range: 705-9000000001 Invalid: 999999999

Literal question

Crops

Valid cases: 0 Invalid: 0

> Valid cases: 0 Invalid: 0

### Crops (Crops) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Interviewer instructions

Enter the name of the crop as enumerated by the first farmer-respondent for the crop. Use a separate answer grid for each crop being enumerated.

This worksheet shall be used as 1) collection form and as 2) provincial summary.

### Name of Respondent (Resp) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Discrete Format: character Width: 2 Valid cases: 0 Invalid: 0

#### Description

These are the sample farmers who have raised and harvested the crop during the reference period.

#### Universe

all farmers-producers during the reference period

#### Literal question

Name of Respondent

#### Interviewer instructions

Spell out the name of the sample farmer-respondent in the space provided.

Note that 5 sample farmers in each municipality for crops under Farm Price Survey commodity basket, otherwise, six (6) to nine (9) samples.

### Production last year in kilograms (Prod1) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Continuous Format: numeric Width: 8 Decimals: 4 Range: 0-90000000 Invalid: 99999999

#### Description

Production refers to the volume of the quantity produced and actually harvested for a particular crop during the reference quarter a year ago. It includes those harvested but damaged, stolen, given away, consumed, given as harvesters' share, reserved, etc.

#### Universe

All production harvested during the reference period

#### Source of information

The farmer-producer serves as the respondents and source of information.

#### Literal question

Production last year

#### Interviewer instructions

### Production last year in kilograms (Prod1) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

Total volume of production during the reference period for the previous year in kilograms at household level and in metric tons at the provincial level and higher.

Verify that the data provided refers to the reference quarter/semester regardless of the date of collection. That is, the estimate for the First Quarter should be for January to March of the previous year even if the collection date is in February of the current year.

Check the yield and compare with the level in the series or parameters. It should be within the range or there should not be significant difference in yield. Verify with the respondent for those with significant difference.

### Production this year in kilograms (Prod2) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Continuous Format: numeric Width: 8 Decimals: 4 Range: 0.001-900000000 Invalid: 99999999 Valid cases: 0 Invalid: 0

#### Description

Production refers to the volume of the quantity produced and actually harvested for a particular crop during the reference quarter of the current year. It includes those harvested but damaged, stolen, given away, consumed, given as harvesters' share, reserved, etc.

#### Universe

All production harvested during the reference period

#### Source of information

The farmer-respondents are the source of information.

#### Literal question

Production this year

#### Interviewer instructions

Total volume of production during the reference period for the current year in kilograms at household level, and in metric tons at the provincial level and higher.

Verify that the data provided refers to the reference quarter/semester regardless of the date of collection. That is, the estimate for the First Quarter should be for January to March of the current year even if the collection date is in February.

Check the yield and compare with the level in the series or parameters. It should be within the range or there should not be significant change in yield. Verify with the respondent for the significant difference.

### Area last year in hectares (Area1) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### **Overview**

Type: Continuous Format: numeric Width: 5 Decimals: 3 Range: 0.001-100 Invalid: 99999

### Area last year in hectares (Area1) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Description

Actual area harvested a year ago for temporary mono-crops or area planted of multi-harvest crops and permanent crops. The area planted includes the area for newly planted, non-bearing and bearing trees.

#### Universe

All area planted to the crop during the reference period

#### Source of information

The farmer-respondents are the source of information.

Literal question

Area Last Year

#### Interviewer instructions

The estimate on area planted refers to permanent crops and multi-harvest temporary crops or area harvested for mono-harvest temporary crops. This shall cover for the reference period of the previous year regardless of the date of collection. That is, the estimate for the First Semester of the previous year should be for January to June last year even if the collection date is in May of the current year.

The area when referring to scattered trees has to be estimated based on the usual number of trees to a hectare in a compact farm in the area.

Check the acceptability of the bearing trees per hectare in comparison with the level in the series or parameters. It should be within the range or there should not be significant difference in number of bearing trees per hectare. Verify with the respondent for those with significant difference. There maybe overestimation or underestimation in any or either of the area or number of bearing trees.

Note that that there are still non-bearing trees planted in an area which shall result to a lower number of bearing trees per hectare. Unless the trees in the area given are all bearing.

### Area this year in hectares (Area2) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### **Overview**

Type: Continuous Format: numeric Width: 5 Decimals: 3 Range: 0.001-100 Invalid: 99999

#### Description

Actual area harvested this year for temporary mono-crops or area planted of multi-harvest crops and permanent crops. The area planted includes the area for newly planted, non-bearing and bearing trees.

#### Universe

All area planted to the crop during the reference period

#### Source of information

The farmer-respondents are the source of information.

#### Literal question

Area This Year

Interviewer instructions

### Area this year in hectares (Area2) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

The estimate on area planted refers to permanent crops and multi-harvest temporary crops or area harvested for mono-harvest temporary crops. This shall cover for the reference period of the current year regardless of the date of collection. That is, the estimate for the First Semester of the current year should be for January to June of the current year even if the collection date is in May.

The area when referring to scattered trees has to be estimated based on the usual number of trees to a hectare in a compact farm in the area. Verify that the area include the non-bearing trees, bearing trees and newly planted trees as of this year.

Check the acceptability of the bearing trees per hectare in comparison with the level in the series or parameters. It should be within the range or there should not be significant difference in bearing trees per hectare. Verify with the respondent for those with significant difference. There maybe overestimation or underestimation in any or either of the area or number of bearing trees.

Note that that there are still non-bearing trees planted in an area which shall result to a lower number of bearing trees per hectare. Unless the trees in the area given are all bearing.

### Bearing trees last year (BT1) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Continuous Format: numeric Width: 5 Decimals: 0 Range: 1-999 Invalid: 99999

#### Description

The actual number of bearing trees a year ago where harvesting has been made in the past but may or may not have borne fruit or productive during the reference period due to cyclical production pattern of the crop.

#### Universe

All bearing trees that have bore fruit in the past and which may or may not have bore fruit during the reference period.

#### Source of information

The farmer-respondents are the source of information.

#### Literal question

Bearing Trees Last Year

#### Interviewer instructions

This shall be filled up for permanent crops.

The estimate on the number of bearing trees to be reported for the semester should cover for the said reference period of the previous year regardless of the date of collection. That is, the estimate for the First Semester of the previous year should be for January to June even if the collection date is in May of the current year.

Check the acceptability of the bearing trees per hectare in comparison with the level in the series or parameters. It should be within the range or there should not be significant difference in bearing trees per hectare. Verify with the respondent for those with significant difference. There may be underestimation or overestimation in any or either of the area or number of bearing trees.

Verify by computing the number of bearing trees per hectare referring to the area for the year when the youngest bearing trees were planted. Bearing age of trees vary by crop. The resulting number of bearing tree per hectare should not be far from the province specific parameter. Note that there are still non-bearing trees planted in an area which shall result to a lower number of bearing trees per hectare. Unless the trees in the area given are all bearing.

Be conscious that the trees counted in this cell are those bearing trees as of last year which include those trees that may have bore fruit in the past and may not have bore fruit last year.

### Bearing trees this year (BT2) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Continuous Format: numeric Width: 5 Decimals: 0 Range: 1-999 Invalid: 99999

#### Description

The actual number of bearing trees of the current year where harvesting has been made in the past but may or may not have borne fruit or productive during the reference period due to cyclical production pattern of the crop.

#### Universe

All bearing trees that have bore fruit in the past and which may or may not have bore fruit during the reference period.

#### Source of information

The farmer-respondents are the source of information.

Literal question

Bearing Trees This Year

#### Interviewer instructions

This shall be filled up for permanent crops.

The estimate on the number of bearing trees to be reported for the semester should cover for the said reference period of the current year regardless of the date of collection. That is, the estimate for the First Semester of the current year should be for January to June even if the collection date is in May of the current year.

Check the acceptability of the bearing trees per hectare in comparison with the level in the series or parameters. It should be within the range or there should not be significant difference in bearing trees per hectare. Verify with the respondent for those with significant difference. There may be underestimation or overestimation in any or either of the area or number of bearing trees.

Verify by computing the number of bearing trees per hectare referring to the area for the year when the youngest bearing trees were planted. Bearing age of trees vary by crop. The resulting number of bearing tree per hectare should not be far from the province specific parameter. Note that there are still non-bearing trees planted in an area which shall result to a lower number of bearing trees per hectare. Unless the trees in the area given are all bearing.

Be conscious that some trees may not have bore fruit this period but has bore fruits in the past. Do not count the trees that have grown and reached bearing age but has not bore fruit. Count the trees that have bore fruit in the past and which may not have bore fruit this period.

Note that that there are still non-bearing trees planted in an area which shall result to a lower number of bearing trees per hectare. Unless the trees in the area given are all bearing.

### Reasons for Changes (Reas) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Discrete Format: character Width: 54 Invalid: 9 Valid cases: 0 Invalid: 0

#### Description

This explains the reason for change this year against same period last year.

These are the factors that affect production which may include weather, farm practices, programs implemented affecting agriculture, prices, market situation, seasonality, technology, etc.

### Reasons for Changes (Reas) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Source of information

The farmer-respondents are the source of information.

#### Literal question

Reasons for Changes

#### Interviewer instructions

Indicate the valid reason regardless of change. Substantive reason is required for significant change this period against same period a year ago. If weather or climate is attributed, ask for the impact or response of the crop to weather or climate and indicate the date of occurrence and the stage of growth of the crop referred to. Pest and diseases, typhoon, programs implemented and the like should be identified.

For significant difference in yield against the series or parameters, ask for a valid reason. Assess the appropriateness of the reason given.

### Weight of Small Farms (Wght1) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Continuous Format: numeric Width: 3 Decimals: 0 Range: 0-100 Invalid: 999 Valid cases: 0 Invalid: 0

#### Description

This refers to the contribution of the small farms based on area planted to the crop.

#### Literal question

Weight of Small Farms

### Weight of Large Farms (Wght2) File: Volume of Production, Area Planted/Harvested, and Number of Bearing Trees

#### Overview

Type: Continuous Format: numeric Width: 3 Decimals: 0 Range: 0-100 Invalid: 999 Valid cases: 0 Invalid: 0

#### Description

This refers to the contribution of the large farms based on the area planted to the crop.

### Literal question

Weight of large farms

### **Documentation**

### Questionnaires

### **Collection Forms**

| Title             | Collection Forms   |
|-------------------|--|
| subtitle          | CrPS Form 1/ CrPS Form 2A/CrPS Form 2B/CrPS Form 3A/CrPS Form 3B/  |
| Author(s)         | Crops Statistics Division, Philippine Statistics Authority   |
| Date              | 2018-03-01   |
| Language          | English  |
| Publisher(s)      | Philippine Statistics Authority  |
| Description       | CrPS Form 1 is the CrPS Farmer/Producer Collection Form. CrPS Form 2A is the List of Qualified<br>Farmer-Producer per Crop. CrPS Form 2B is the City/Municipality Summary Form per Crop. CrPS Form 3A<br>is the List of Top Producing Cities/Municipalities per Crop. CrPS Form 3B is the Provincial Summary Form. |
| Table of contents | Title of the Survey and Reference Period<br>Geographic Identification<br>Volume of Production, Area Planted/Harvested, Number of Bearing Trees/Hills/Vines, and Reasons for<br>Change  |
| Filename          | CrPS Forms 1 to 3.pdf  |

### Reports

### **Crops Statistics of The Philippines 2014-2018**

| Title        | Crops Statistics of The Philippines 2014-2018   |
|--------------|---|
| Author(s)    | Crops Statistics Division, Philippine Statistics Authority  |
| Date         | 2019-11-07  |
| Language     | English   |
| Publisher(s) | Philippine Statistics Authority   |
| Description  | This annual publication on the Crons Statistics of the Philippines' and "Crons Statistics of the Philippines" and "Cross Statistics of the Philippines" and |

Administrative Page Foreword Table of Contents Background I. Highlights A. Cereals Palay Corn B. Fruit Crops Banana Calamansi Mango Pineapple Other Fruit Crops C. Non-Food and Industrial Crops Abaca Coconut Coffee Bubber Rubuca Sugarcane Tobacco Other Non-Food and Industrial Crops D. Vegetables and Rootcrops Cabbage Cassava Eggplant Garlic Mung Bean/Mongo Oben West Sweet Potato/Camote Tomato Other Vegetables and Rootcrops II. Statistical Tables A National 11 Volum8 (Moduction for Selected Copps, Philippines 2016-2018 11 Volum8 (Moduction for Selected Copps, Philippines 2012-2018 13 Number of Bearing Trees/Hills/Tappable Trees for Selected Copp. Philippines: 2014-2018 13 Number of Bearing Trees/Hills/Tappable Trees for Selected Copp. Philippines: 2014-2018 1.3 Number of Bearing Trees.Hill:Tappable Trees for Selected Crops, E. Creads 2.1 Volume of Production for Palay, by Region: 2014-2018 2.2 Area Harvested for Palay, by Region: 2014-2018 2.2 Area Harvested for Palay, by Region: 2014-2018 2.2 area Harvested for Palay, by Region: 2014-2018 2.3 Area Harvested for Palay by Region: 2014-2018 2.3 I Volume of Production for Faulter Gharg, by Region: 2014-2018 3.1 Volume of Production for Camit of Palay, by Region: 2014-2018 3.2 Ja Area Harvested for White Com, by Region: 2014-2018 3.2 Ja Area Harvested for White Com, by Region: 2014-2018 3.3 Volume of Production for Televic Com, by Region: 2014-2018 3.3 Ja Volume of Production for Televic Com, by Region: 2014-2018 3.3 Ja Volume of Production for Televic Com, by Region: 2014-2018 3.3 Ja Volume of Production for Televic Com, by Region: 2014-2018 3.3 Ja Volume of Production for Televic Com, by Region: 2014-2018 3.3 Ja Volume of Production for Televic Com, by Region: 2014-2018 3.3 Ja Volume of Production for Televic Com, by Region: 2014-2018 12. A sea Namested for White Cam, by Region: 2014-2018
 13. by Valmer of Production for Yellow: Com, Ny Region: 2014-2018
 13. D Kamer of Production for Yellow: Com, Ny Region: 2014-2018
 14. Statumer of Production for Yellow: Compared the Statumer of Production for Yellow: Compared the Statumer of Production for Network: Ny Region: 2014-2018
 14. Statumer of Production for Yellow: Compared the Statumer of Production for Banana: Camerolitic, Ny Region: 2014-2018
 14. Statumer of Production for Banana: Camerolitic, Ny Region: 2014-2018
 14. Statumer of Production for Banana: Camerolitic, Ny Region: 2014-2018
 15. A sea Nametor of Banana: Camerolitic, Ny Region: 2014-2018
 16. Statumer of Production for Banana: Camerolitic, Ny Region: 2014-2018
 17. Statumer of Production for Banana: Salak, Sy Region: 2014-2018
 18. A sea Nametor of Banana: Salak, Sy Region: 2014-2018
 18. A sea Nametor of Banana: Salak, Sy Region: 2014-2018
 17. Statumer of Production for Banana: Salak, Sy Region: 2014-2018
 18. A sea Nametor of Banana: Salak, Sy Region: 2014-2018
 18. A sea Nametor of Camanas, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Camanas, By Region: 2014-2018
 19. Walmer of Routing Trees for Durana, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Durana, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Lanconse, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Lanconse, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Lanconse, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Lanconse, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Lanconse, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Lanconse, Sy Region: 2014-2018
 19. Walmer of Routing Trees for Lanconse, Sy Region: 2014-

### **Technical documents**

https://psa.gov.ph/sites/default/files/Crops%20Statistics%20of%20the%20Philippines%202014-2018.pdf

File

### **Crops Production Survey Statistical Survey Review and Clearance System** Form 1

| Title<br>Author(s) | Crops Production Survey Statistical Survey Review and Clearance System Form 1<br>Philippine Statistics Authority   |
|--------------------|--|
| Date               | 2018-05-01   |
| Language           | English  |
| Description        | The Statistical Survey Review and Clearance System (SSRCS) is a mechanism institutionalized by the PSA which involves the process of evaluating the design and instruments of statistical surveys or censuses sponsored and/or to be conducted by the government agencies including government corporations at the national/or subnational level. The specific SSRCS form is for CrPS. |
| Table of contents  | I. General Information - p.1<br>II. Technical Description - p. 2<br>III. Estimated Direct Cost of Survey - p. 4<br>IV. Timetable of Activities- p. 4   |
| Filename           | 2018 CrPS SSRCS Form 1.pdf   |

### **Crops Production Survey Manual of Operations for Supervisors**

| Title             | Crops Production Survey Manual of Operations for Supervisors   |
|-------------------|--|
| Author(s)         | Crops Statistics Division, Philippine Statistics Authority   |
| Date              | 2018-05-01   |
| Language          | English  |
| Publisher(s)      | Philippine Statistics Authority (PSA)  |
| Description       | The Crops Production Survey (CrPS) Manual of Operations for Supervisors aims to provide the supervisors information about the survey, their role as supervisors and guide them to solve problems encountered during field operations.  |
|                   | 1. INTRODUCTION (page 1)   |
|                   | 2. THE CROPS PRODUCTION SURVEY (page 2)  |
|                   | 3. SURVEY METHODOLOGY (page 2)<br>3.1 Survey Design (page 2)<br>3.2 Estimation Procedure (page 3)  |
|                   | <ul> <li>4. FIELD OPERATIONS PROCEDURES (page 5)</li> <li>4.1 Role of Supervisors (page 5)</li> <li>4.2 Level of Trainings (page 6)</li> <li>4.3 Data Collection (page 6)</li> <li>4.4 Data Processing (page 23)</li> </ul>  |
| Table of contents | 5. DATA REVIEW AND VALIDATION (page 24)<br>5.1 Data Review (page 24)<br>5.2 Data Validation (page 29)<br>5.3 Outputs for Submission (page 47)  |
|                   | APPENDICES<br>Appendix A. Timetable of Activities (page 59)<br>Appendix B. Data Items for Submission (page 60)<br>Appendix C-F. Reports (page 61)<br>Appendix G. CrPS Form 1 (page 65)<br>Appendix H. CrPS Form 2A (page 66)<br>Appendix I. CrPS Form 2B (page 67)<br>Appendix J. CrPS Form 3A (page 68)<br>Appendix K. CrPS Form 3B (page 69) |
| Filename          | 2018 CrPS Manual of Operations for Supervisors.pdf   |

### **Crops Production Survey Manual of Operations for Statistical Researchers**

| Title             | Crops Production Survey Manual of Operations for Statistical Researchers  |
|-------------------|---|
| Author(s)         | Crops Statistics Division, Philippine Statistics Authority  |
| Date              | 2017-04-01  |
| Language          | English   |
| Publisher(s)      | Philippine Statistics Authority (PSA)   |
| Description       | The Crops Production Survey (CrPS) Manual of Operations for Statistical Researchers (SRs) aims to guide<br>the SRs to carry out their duties and responsibilities during data collection. This contains basic concepts<br>and definition of terms, techniques in conducting an interview, procedures in filling out the collection<br>form and provincial summary form, and manual editing of accomplished forms.<br>1. INTRODUCTION (page 1) |
|                   | 2. THE CROPS PRODUCTION SURVEY (page 2)   |
|                   | 3. SURVEY METHODOLOGY (page 3)<br>3.1 Survey Design (page 3)<br>3.2 Estimation Procedure (page 4)   |
|                   | <ul><li>4. FIELD OPERATIONS PROCEDURES (page 6)</li><li>4.1 Role of Statistical Researchers (page 6)</li><li>4.2 Data collection (page 7)</li></ul>   |
| Table of contents | 5. CrPS FORMS (page 9)<br>5.1 Major Components of CrPS Form 1 (page 9)<br>5.2 General Instructions (page 10)<br>5.3 Instructions in Filling Out CrPS Form 1 (page 11)   |
|                   | 6. INSTRUCTIONS IN THE MANUAL EDITING OF THE ACCOMPLISHED CrPS FORM (page 16)<br>6.1 Editing of CrPS Form 1 (page 16)   |
|                   | APPENDICES<br>Appendix A Concepts and Definitions of Terms (page 19)<br>Appendix B List of Crops and Production Product Forms (page 21)<br>Appendix C Data Collection Form (page 30)  |
| Filename          | 2018 CrPS Manual of Operations for Statistical Researchers.pdf  |
|                   |   |