

Philippines

Philippine Statistics Authority, National Economic and Development Authority

Crops Production Survey 2016

Study Documentation

July 31, 2018

Metadata Production

Metadata Producer(s)	Crops Statistics Division (CSD) , Philippine Statistics Authority , Documenter
Production Date	July 31, 2018
Version	Version 1.0
Identification	DDI-PHL-PSA-CrPS-2016-v1.0

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Crops Production Survey 2016 (CrPS 2016)

Overview	
Type	Agricultural Survey [ag/oth]
Identification	PHL-PSA-CrPS-2016-v1.0
Version	<p>Production Date: 2017-06-30 version 1.0 Division edits for preliminary estimates computation (raw, first edit)</p> <p><u>Notes</u> v0 is the unedited household-level raw data v1.0 is the household level raw data edited at the provincial, not anonymized, for internal use. v2.0 the household level raw data edited at Central Office, not anonymized, for internal use.</p>
Series	<p>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.</p> <p>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.</p> <p>'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.'</p> <p>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.</p> <p>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.</p> <p>Data on crops with specialized government agencies such as sugar, fiber, cotton, coconut and tobacco were supplemented and validated with data from other agencies.</p> <p>The CrPS 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.</p>

Abstract

The CrPS is conducted quarterly to generate production estimates for crops other than palay and corn at the national, regional and provincial levels disaggregation. 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. The survey adopts two-stage sampling with the municipality as the primary sampling unit and the households as the secondary sampling unit.

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

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.

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

Kind of Data	Sample survey data [ssd]
Unit of Analysis	An agricultural production-related survey with a farmer-respondent questionnaire which would have provincial unit of analysis.

Scope & Coverage**Scope**

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	Agriculture, forestry, fisheries
Time Period(s)	2016
Countries	Philippines

Geographic Coverage

National
Provinces in Regions (National Capital Region not included)

Universe

The survey covers all small and large farms producers of all agricultural crops, other than palay and corn, nationwide .

Producers & Sponsors

Primary Investigator(s)	Philippine Statistics Authority, National Economic and Development Authority
Other Producer(s)	Sugar Regulatory Administration (SRA) , DA , data collection and validation for canes milled for centrifugal sugar Philippine Coconut Authority (PCA) , Office of the President , data collection and validation for coconut
Funding Agency/ies	Government of the Philippines (GOP) , Full funding

Sampling**Sampling Procedure**

The survey employs two-stage sampling design with municipality as the primary sampling unit (psu) and farmer-producer as the secondary sampling unit (ssu).

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

For small farms of all other crops not covered under Farm Price Survey, top two to three producing municipalities were chosen as primary sampling units (psus) . In each municipality, three sample farmer-producers as were enumerated as ssu .

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/or harvests during the reference quarter.

Classification for large farms is based on the cut-off on area planted. Each survey round covers a maximum of 5 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 Provincial Statistical Officers (PSOs) and their staff based on their best judgment and assessment.

Data Collection

Data Collection Dates	Quarter 1: start 2016-02-18 Quarter 1: end 2016-02-27 Quarter 2: start 2016-05-20 Quarter 2: end 2016-05-29 Quarter 3: start 2016-08-21 Quarter 3: end 2016-08-31 Quarter 4: start 2016-11-18 Quarter 4: end 2016-11-29
Time Period(s)	Quarter 1 (preliminary): start 2016-01-01 Quarter 1 (preliminary): end 2016-03-31 Quarter 1 (final): end 2016-03-31 Quarter 2 (preliminary): start 2016-04-01 Quarter 2 (preliminary): end 2016-06-30 Quarter 2 (final): end 2016-06-30 Quarter 3 (preliminary): start 2016-07-01 Quarter 3 (preliminary): end 2016-09-30 Quarter 3 (final): end 2016-09-30 Quarter 4 (preliminary): start 2016-10-01 Quarter 4 (preliminary): end 2016-12-31 Quarter 4 (final): end 2016-12-31
Data Collection Mode	Face-to-face [f2f]

Data Collection Notes

For crops covered by specialized agencies of the government, the scheme varies. 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 panaocha/muscovado through the quarterly Crop Production Survey (CrPS). These two data sets are incorporated to account for the production of sugarcane.

In the case of fiber crops, data from 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 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 is in the English language. This captures production, area, and bearing trees for the current quarter and same period of the current 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 Collector(s)

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 Provincial Statistics Officer (PSO) serves as overall supervisor in the province, while the Regional Director (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, make 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 finds that may contribute to the analysis of the survey results.

Data Processing & Appraisal

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 form. 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, Regional Data Review and National Data Review, 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.

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.

Accessibility	
Access Authority	Lisa Grace S. Bersales (Philippine Statistics Authority) , www.psa.gov.ph , info@psa.gov.ph
Contact(s)	National Statistician (Philippine Statistics Authority) , www.psa.gov.ph , info@psa.gov.ph

Files Description

Dataset contains 1 file(s)

Crops Production, Area and Bearing Trees	
# Cases	0
# Variable(s)	15
File Structure	Type: relational Key(s): Ref (Reference Period) , Year (Year) , Prov (Province) , Crops (Crops)
<u>File Content</u> 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.	
<u>Producer</u> Philippine Statistics Authority	
<u>Version</u> version 2.0	
<u>Processing Checks</u> Data on volume of production were checked with bearing trees per hectare and metric tons/hectare or kilograms/bearing tree. The number of bearing trees is checked against the bearing trees/hectare. Refer to the parameters in the Manual of Operations.	

Variables List

Dataset contains 15 variable(s)

File Crops Production, Area and Bearing Trees							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	Ref	Reference Period	discrete	numeric-2.0	0	0	Reporting Round
2	Year	Year	discrete	numeric-4.0	0	0	Year
3	Prov	Province	discrete	numeric-4.0	0	0	Province
4	Mun	Municipality	discrete	numeric-6.0	0	0	Municipality
5	Crops	Crops	discrete	numeric-10.0	0	0	Crops
6	Resp	Name of Respondent	discrete	character-2	0	0	Name of Respondent
7	Prod1	Production last year in kilograms	continuous	numeric-8.4	0	0	Production last year
8	Prod2	Production this year in kilograms	continuous	numeric-8.4	0	0	Production this year
9	Area1	Area last year in hectares	continuous	numeric-5.3	0	0	Area Last Year
10	Area2	Area this year in hectares	continuous	numeric-5.3	0	0	Area This Year
11	BT1	Bearing trees last year	continuous	numeric-5.0	0	0	Bearing Trees Last Year
12	BT2	Bearing trees this year	continuous	numeric-5.0	0	0	Bearing Trees This Year
13	Reas	Reasons for Changes	discrete	character-54	0	0	Reasons for Changes
14	Wght1	Weight of Small Farms	continuous	numeric-3.0	0	0	Weight of Small Farms
15	Wght2	Weight of Large Farms	continuous	numeric-3.0	0	0	Weight of large farms

Variables Description

Dataset contains 15 variable(s)

File : Crops Production, Area and Bearing Trees

Ref: Reference Period

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*/99]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	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's 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.

Value	Label	Cases	Percentage
1	January to March		
2	April to June		
3	July to September		
4	October to December		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Year: Year

Information	[Type= discrete] [Format=numeric] [Range= 1990-2016] [Missing=*/999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Literal question	Year
Interviewer's 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.

Prov: Province

Information	[Type= discrete] [Format=numeric] [Range= 128-1759] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All provinces in all regions nationwide
Literal question	Province
Interviewer's 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.

Value	Label	Cases	Percentage
128	Ilocos Norte		
129	Ilocos Sur		
133	La Union		
155	Pangasinan		
209	Batanes		
215	Cagayan		
231	Isabela		

File : Crops Production, Area and Bearing Trees

Prov: Province

Value	Label	Cases	Percentage
250	Nueva Vizcaya		
257	Quirino		
308	Bataan		
314	Bulacan		
349	Nueva Ecija		
354	Pampanga		
369	Tarlac		
371	Zambales		
377	Aurora		
410	Batangas		
421	Cavite		
434	Laguna		
456	Quezon		
458	Rizal		
505	Albay		
516	Camarines Norte		
517	Camarines Sur		
520	Catanduanes		
541	Masbate		
562	Sorsogon		
604	Aklan		
606	Antique		
619	Capiz		
630	Iloilo		
645	Negros Occidental		
679	Guimaras		
712	Bohol		
722	Cebu		
746	Negros Oriental		
761	Siquijor		
826	Eastern Samar		
837	Leyte		
848	Northern Samar		
860	Samar (Western)		
864	Southern Leyte		
878	Biliran		
972	Zamboanga del Norte		
973	Zamboanga del Sur		
983	Zamboanga Sibugay		
1013	Bukidnon		
1018	Camiguin		
1035	Lanao del Norte		
1042	Misamis Occidental		

File : Crops Production, Area and Bearing Trees

Prov: Province

Value	Label	Cases	Percentage
1043	Misamis Oriental		
1123	Davao Del Norte		
1124	Davao Del Sur		
1125	Davao Oriental		
1182	Compostela Valley		
1247	North Cotabato		
1263	South Cotabato		
1265	Sultan Kudarat		
1280	Sarangani		
1401	Abra		
1411	Benguet		
1427	Ifugao		
1432	Kalinga		
1444	Mountain Province		
1481	Apayao		
1507	Basilan		
1536	Lanao del Sur		
1538	Maguindanao		
1566	Sulu		
1570	Tawi-Tawi		
1602	Agusan del Norte		
1603	Agusan del Sur		
1667	Surigao del Norte		
1668	Surigao del Sur		
1685	Dinagat Islands		
1740	Marinduque		
1751	Occidental Mindoro		
1752	Oriental Mindoro		
1753	Palawan		
1759	Romblon		
97332	Zamboanga City		
112402	Davao City		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Mun: Municipality

Information	[Type= discrete] [Format=numeric] [Range= 12801-175917] [Missing=*/999999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All municipalities in the Philippines
Literal question	Municipality
Interviewer's 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.

Frequency table not shown (1613 Modalities)

File : Crops Production, Area and Bearing Trees

Crops: Crops

Information	[Type= discrete] [Format=numeric] [Range= 705-9000000001] [Missing=*/999999999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Literal question	Crops
Interviewer's 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.

Value	Label	Cases	Percentage
705	Lettuce		
807	Melon		
901	Coffee (dried berries), Total		
7031	Onion		
70320	Garlic		
70330	Snap beans/Habichuelas		
71320	Chick pea		
71331	Mongo		
71410	Cassava		
121120	Ginseng		
121299	Sugarcane		
8043000	Pineapple		
8044000	Avocado		
8051000	Orange		
9011002	a. Coffee, Arabica		
9011003	d. Coffee, Robusta		
9011004	b. Coffee, Excelsa		
9011005	c. Coffee, Liberica		
12074000	Sesame		
53051100	Coir		
602101103	Chrysanthemum		
602101204	Gladiola		
602102000	Rubber (cuplump)		
602400000	Roses		
602400304	Bromeliad		
602909002	Anthurium		
602909010	Aster		
602909011	Azucena		
602909012	Baby's breath		
602909014	Carnation		
602909016	Dahlia		
602909017	Daisy		
602909018	Euphorbia		
602909020	Gerbera		
602909022	Heliconia		
602909023	Ilang-ilang		
602909024	Sampaguita		

File : Crops Production, Area and Bearing Trees

Crops: Crops

Value	Label	Cases	Percentage
602909025	Santan		
602909026	San Francisco		
602909028	Statice		
602909029	Yellow bell		
603101000	Orchids, Total		
603101001	a. Orchids, Dendrobium		
603101002	b. Orchids, Vanda		
604910001	African palm leaves		
604910002	Palm Ornamentals		
604910003	Water lily		
702000000	Tomato		
703901001	Leeks		
704101000	Cauliflower		
704102000	Broccoli		
704901000	Cabbage		
706101000	Carrots		
706102000	Yam beans/Turnips		
706900001	Radish		
707000000	Cucumber		
708100006	Sweet Peas		
708200002	Cowpea		
708200003	Kentucky beans		
708200007	Kidney beans		
708200009	Red beans		
708200011	Soybeans		
708200012	Stringbeans		
708200013	Winged beans		
708200014	Wonder beans		
708200016	Sabidokong		
708200017	Samsamping		
709200000	Asparagus		
709300000	Eggplant		
709400000	Celery		
709510000	Mushroom		
709601000	Pepper Chili fruit		
709609000	Pepper, Total		
709609001	a. Pepper, Bell		
709609002	b. Pepper, Finger		
709609003	c. Pepper, Chili		
709700000	Spinach		
709900002	Mustard		
709900004	Squash fruit		
709900005	Dulaw/kalawag		

File : Crops Production, Area and Bearing Trees

Crops: Crops

Value	Label	Cases	Percentage
709900006	Kulibangbang		
709900007	Laurel		
709900009	Ampalaya(Bitter gourd)		
709909010	Gourd/Upo		
709909012	Chayote		
709909014	Patola		
709909016	Malunggay fruit		
709909018	Sugodsugod		
710100000	Irish potato		
710800001	Bago leaves		
710800002	Ampalaya leaves		
710800003	Cassava tops		
710800004	Chayote tops		
710800005	Cowpea tops		
710800007	Edible Fern		
710800008	Malunggay leaves		
710800010	Likway		
710800011	Lumbia		
710800012	Lupo		
710800014	Papait		
710800015	Pechay, Total		
710800018	Pepper chili leaves		
710800019	Sangig		
710800020	Kangkong		
710800021	Camote tops		
710800022	Talinum		
710800023	Watercress		
710900001	Alucon/Bungon		
710900002	Coconut pith		
710900003	Katuray		
710900004	Squash tops		
710900010	Bamboo shoots		
714200000	Camote, Total		
714909001	Arrowroot		
714909003	Pao (galiang)		
714909005	Tugue		
800000001	e. Banana, Seniorita		
800000002	f. Banana, Butuan		
800000003	c. Mango, Indian		
800000004	d. Papaya, Others		
800000005	Guayabano		
800000006	a. Santol, Native		
800000007	b. Santol, Bangkok		

File : Crops Production, Area and Bearing Trees

Crops: Crops

Value	Label	Cases	Percentage
800000008	Duhat		
800000009	Sineguelas		
800000010	Granada		
800000011	Serialis		
801100000	Coconut**		
803000001	Banana, Total		
803000003	d. Banana, Bungulan		
803000005	b. Banana, Lakatan		
803000006	c. Banana, Latundan		
803000007	a. Banana, Saba		
804500001	Guava, Total		
804500003	Mango, Total**		
804500005	Mangosteen		
804500007	a. Guava, Native		
804500008	b. Guava, Guapple		
804500009	b. Mango, Carabao		
804500010	a. Mango, Piko		
805200001	Mandarin		
805500000	Lime		
805500001	Lemon		
805900001	Pomelo		
805900002	Calamansi**		
806100000	Grapes		
807110000	Watermelon		
807200000	Papaya, Total**		
807200001	b. Papaya, Hawaiian		
807200002	a. Papaya, Solo		
807200003	c. Papaya, Native		
810100000	Strawberry		
810600000	Durian**		
810909001	Chico		
810909002	Jackfruit		
810909003	Lanzones		
810909004	Santol, Total		
810909010	Breadfruit		
810909011	Camatchili		
810909012	Canistel		
810909013	Anonas (custard apple)		
810909015	Hibi		
810909016	Manzanita/Aratelis/Indian jujube		
810909019	Calumpit		
810909020	Karamay/Gooseberry		
810909021	Batwan		

File : Crops Production, Area and Bearing Trees

Crops: Crops

Value	Label	Cases	Percentage
810909022	Longans		
810909023	Lepote		
810909024	Mabolo		
810909025	Makopa		
810909026	Marang		
810909027	Passion fruit		
810909028	Persimmon		
810909030	Rambutan		
810909031	Rattan fruits		
810909032	Bugnay/Bignay		
810909034	Starapple		
810909035	Balimbing/Granatis/Starfruit		
810909036	Atis/Sugarapple		
810909037	Tamarind		
810909038	Zapote		
910100000	Ginger		
1000000001	Green Cornstalk		
1007000000	Sorghum		
1200000001	Kaong		
1200000002	Lagundi		
1200000003	Oil Palm (fresh fruit bunch)		
1200000004	Oregano		
1200000005	Pili nut		
1207100000	Palm fruit		
1207300000	Castor beans		
1211909912	Boyo/Ikmo		
1211909917	Dawa		
1213000000	Rice hay		
1214900001	Guinea grass		
1214900002	Ipil-ipil leaves		
1214900003	Ngalog		
1214900004	Napier grass		
1214900006	Flamingia		
1214900007	Rensonii		
1400000001	Apatot		
1400000002	Banaba		
1400000003	Betel nut		
1400000004	Maguey		
1400000005	Piter betel		
1400000006	Puto-Puto		
1400000007	Ramie		
1400000008	Romblon		
1402001000	Kapok		

File : Crops Production, Area and Bearing Trees

Crops: Crops

Value	Label	Cases	Percentage
1403000010	Tiger grass		
1404909007	Nipa Wine		
1800000001	Cashew		
1800000002	Coconut sap/tuba		
1800000003	Coconut leaves		
1801000000	Cacao		
2000000001	b. Tobacco, Virginia		
2401100000	Tobacco, Total		
2401109001	a. Tobacco, Native		
2401109002	c. Tobacco, Other Varieties		
5201000000	Cotton		
5304100001	Laza		
5305210000	Abaca		
5305900005	Pineapple fiber		
5305900007	Salago		
6000000001	Spraymum		
6000000006	Yerba buena		
7000000001	Alogbati		
7000000002	Ashuete		
7000000003	Bawing sulasi		
7000000004	Beets		
7000000005	Black Pepper		
7000000006	Cogon		
7000000007	Gabi leaves stem		
7000000008	Gisantes		
7000000009	Kadios		
7000000010	Kamias		
7000000011	Kinchay		
7000000012	Pandan		
7000000013	Parsley		
7000000014	Peanut		
7000000015	Saluyot		
7000000016	Tamarind flower		
7000000017	Tanglad		
7000000018	Tikog		
7000000019	Ubi		
7100000001	a. Pechay, Native		
7100000002	b. Pechay, Chinese		
7140000001	a. Sweet potato, Tops		
7140000002	b. Sweet potato, Roots		
8000000009	Kondol		
8000000012	Banana leaves		
8000000013	Banana blossom		

File : Crops Production, Area and Bearing Trees

Crops: Crops

Value	Label	Cases	Percentage
8000000014	Jackfruit (young)		
8000000015	Green Papaya		
9000000001	Gabi		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Resp: Name of Respondent

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	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's 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.

Prod1: Production last year in kilograms

Information	[Type= continuous] [Format=numeric] [Range= 0-90000000] [Missing=*/99999999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Production refers to the volume of the quantity produced and actually harvested for a particular crop within 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 within the reference period
Source	The farmer-producer serves as the respondents and source of information.
Literal question	Production last year
Interviewer's instructions	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.

Prod2: Production this year in kilograms

Information	[Type= continuous] [Format=numeric] [Range= 0.001-900000000] [Missing=*/99999999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Production refers to the volume of the quantity produced and actually harvested for a particular crop within 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 within the reference period
Source	The farmer-respondents are the source of information.
Literal question	Production this year
Interviewer's 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.

File : Crops Production, Area and Bearing Trees

Prod2: Production this year in kilograms

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.

Area1: Area last year in hectares

Information	[Type= continuous] [Format=numeric] [Range= 0.001-100] [Missing=*/99999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	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	The farmer-respondents are the source of information.
Literal question	Area Last Year
Interviewer's instructions	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>

Area2: Area this year in hectares

Information	[Type= continuous] [Format=numeric] [Range= 0.001-100] [Missing=*/99999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	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	The farmer-respondents are the source of information.
Literal question	Area This Year
Interviewer's instructions	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>

BT1: Bearing trees last year

Information	[Type= continuous] [Format=numeric] [Range= 1-999] [Missing=*/99999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

File : Crops Production, Area and Bearing Trees

BT1: Bearing trees last year

Definition	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	The farmer-respondents are the source of information.
Literal question	Bearing Trees Last Year
Interviewer's instructions	<p>This shall be filled up for permanent crops.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>

BT2: Bearing trees this year

Information	[Type= continuous] [Format=numeric] [Range= 1-999] [Missing=*/99999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	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	The farmer-respondents are the source of information.
Literal question	Bearing Trees This Year
Interviewer's instructions	<p>This shall be filled up for permanent crops.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>

Reas: Reasons for Changes

Information	[Type= discrete] [Format=character] [Missing=*/9]
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File : Crops Production, Area and Bearing Trees

Reas: Reasons for Changes

Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	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.
Source	The farmer-respondents are the source of information.
Literal question	Reasons for Changes
Interviewer's 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 cocurrence 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.

Wght1: Weight of Small Farms

Information	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*/999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	This refers to the contribution of the small farms based on area planted to the crop.
Literal question	Weight of Small Farms

Wght2: Weight of Large Farms

Information	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*/999]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	This refers to the contribution of the large farms based on the area planted to the crop.
Literal question	Weight of large farms