

# Philippines - Survey on Costs and Returns of Cassava Production 2014

**Philippine Statistics Authority - National Economic and Development Authority**

Report generated on: June 22, 2017

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## Overview

### Identification

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ID NUMBER  
PHL-PSA-CRS-CASSAVA-2014-v.3

### Version

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VERSION DESCRIPTION  
V.3: Public Use File

PRODUCTION DATE  
2014-10

### Overview

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#### ABSTRACT

The survey aimed to generate updated data on levels and structure of production costs and returns. Specifically, it was conducted to determine the indicators of profitability such as gross and net returns, returns above cash costs, net profit - cost ratio, etc.; usage of materials and labor inputs; and other related socio-economic variables including information on new production technologies.

#### KIND OF DATA

Sample survey data [ssd]

#### UNITS OF ANALYSIS

Sample farmers who harvested cassava within the reference period and knowledgeable on the details of cassava farming particularly on investments, material inputs, labor expenses incurred and disposition of produce were the units of analysis of the survey.

### Scope

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#### NOTES

The scope of the survey included the following:

#### BLOCK A. GEOGRAPHIC INFORMATION

This block collects information on the geographic location where the sample farmer resides.

#### BLOCK B. SAMPLE IDENTIFICATION

This block aims to gather the demographic characteristics of the sample farmer.

#### BLOCK C. BASIC CHARACTERISTICS OF THE FARM

This block collects basic information about the farm(s) operated by the sample farmer.

#### BLOCK D. FARM INVESTMENTS (owned and used in the focus parcel)

This block captures information on all investment items owned and used/utilized by the sample farmer in cassava production during the last completed harvest within April 2013 to March 2014.

**BLOCK E. MATERIAL INPUTS (used in the focus parcel)**

This block aims to gather information on the usage and costs of material inputs of the sample farmer in his cassava production during the last completed cropping period.

**BLOCK F. LABOR INPUTS (in focus parcel)**

This block aims to gather information pertaining to labor utilization in the production of cassava during the reference period. The sources of labor are operator, family, exchange labor (bayanihan) and hired labor. The latter may include permanent worker, contract labor or "pakyaw" system wherein the performance of multiple farming activities is contracted for a certain amount.

**BLOCK G. OTHER PRODUCTION COSTS (in focus parcel)**

This block gathers other items of production cost incurred on the focus parcel during the reference period. Payments may be cash or non-cash.

**BLOCK H. PRODUCTION AND DISPOSITION (in focus parcel)**

This block aims to gather information on the gross volume of cassava harvested in the focus parcel during the last completed cropping within April 2013 to March 2014 as well as the breakdown of disposition.

**BLOCK I. PRODUCTION RELATED INFORMATION (in focus parcel)**

This block aims to gather information on the problems affecting cassava production during the reference period.

**BLOCK J. MARKETING RELATED INFORMATION (in focus parcel)**

This block aims to gather information on the problems encountered in marketing their produce during the reference period.

**BLOCK K. ACCESS TO CREDIT (in focus parcel)**

This block aims to gather information regarding loans availed of by the sample farmer/operator for cassava production during the reference period.

**BLOCK L. FARMER'S PARTICIPATION IN CASSAVA PROGRAMS / PROJECTS**

This block aims to collect information on the farmer's participation in cassava program and projects during the reference period.

**BLOCK M. OTHER INFORMATION (for cassava only)**

This block aims to gather information relative to the effect of climate change in cassava production and organic farming practices. Also, the sample farmer/ operators membership in any farmer's organization and benefits received are solicited.

**BLOCK N. PLANS AND RECOMMENDATIONS**

This block aims to compile the plans and recommendations of the sample farmer/operator for the improvement of his/her cassava production.

**TOPICS**

<b>Topic</b>	<b>Vocabulary</b>	<b>URI</b>
Agriculture, forestry, fisheries	Philippine Statistics Authority	
Business and agricultural surveys	Philippine Statistics Authority	

## Coverage

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**GEOGRAPHIC COVERAGE**

The survey covered six (6) cassava producing provinces namely: Camarines Sur, Bohol, Bukidnon, Basilan, Lanao Del Sur

and Sulu.

#### UNIVERSE

The survey covered farmers who harvested cassava within the reference period and knowledgeable on the details of cassava farming particularly on investments, material inputs, labor expenses incurred and disposition of produce. The reference period was the production for the last completed harvest within April 2013 to March 2014.

## Producers and Sponsors

#### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Philippine Statistics Authority	National Economic and Development Authority

#### FUNDING

Name	Abbreviation	Role
Government of the Philippines	GOP	Full funding
-- Department of Agriculture	DA	Survey operations
-- Philippine Statistics Authority	PSA	All other expenses

## Metadata Production

#### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Agricultural Accounts Division	AAD	Philippine Statistics Authority	Documenter

#### DATE OF METADATA PRODUCTION

2017-06-19

#### DDI DOCUMENT VERSION

Version 1.0- First metadata documentation of CRS Cassava 2014

#### DDI DOCUMENT ID

DDI-PHL-PSA-CRS-CASSAVA-2014-v1

# Sampling

## Sampling Procedure

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A two-stage sampling design is employed with the barangay as the primary sampling unit and the sample farmer as the secondary sampling unit.

Top fifteen (15) cassava producing barangays in the province will serve as sample barangays for the survey. These were identified by the Provincial Operations Center (POCs) using the available information on cassava production. The ranking is based on the barangay's total area harvested for cassava during 2013. During data collection, snowball approach will be applied to identify the sample farmers.

The total number of sample farmers per province is set at seventy-five (75) equally allocated to each sample barangays i.e., five (5) sample farmers for each sample barangay. During data collection, sample farmers will be located using snowball sampling. The names and addresses of cassava farmers residing in the barangay will be obtained from the office of the barangay captain or any other Key Informants (KIs) in the barangay. This will serve as the data collector's starting point in searching for potential sample farmers.

A set of screening questions will be applied to confirm if those listed actually harvested cassava during the reference period and meet the other criteria for enumeration.

Whether the interviewed farmer is qualified or not, he/she will be asked to identify other cassava farmers in the barangay to be added in the initial list. The search continues, and the farmer who meets the criteria specified in the screening questions qualifies as sample for the survey and will be interviewed using the 2014 CRS for Cassava Production questionnaire. If the interview is successfully carried out (meaning, all the needed information have been supplied), the enumerator will write the household number, full name and residential address of the sample farmer in the List of Sample Farmers. Again, the enumerator can select any farmer from the list as the next potential sample for the survey. The process continues until the required number of samples in the barangay is covered.

## Response Rate

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Response rate of 100 percent

# Questionnaires

## Overview

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The questionnaire was a structured questionnaire written in English. It was designed in tabular form and some in question type format. The data items/variables in the questionnaire were based on the previous questionnaires with some modifications and additions.

The questionnaire was pre-tested and reviewed before its implementation.

The questionnaire consisted of 10 pages covering 15 blocks as follows:

A. GEOGRAPHIC INFORMATION includes the location of the farm such as the name of the region, province, city/municipality and barangay.

B. SAMPLE IDENTIFICATION such as the name, age, sex, level of education completed, main occupation, number of years engaged in cassava farming (as operator), name of respondent and its classification, contact number

C. BASIC CHARACTERISTICS OF THE FARM such as total physical area, number of parcels operated by the farmer, area planted and harvested to cassava, cropping pattern, number of croppings per year, variety of cassava planted, tenurial status, month of planting and harvesting cassava, main use of cassava and source of planting materials,

D. FARM INVESTMENTS such as inventory of farm investments used, year and cost of acquisition, repairs and improvement cost and estimated life and usage in the focus cassava farm.

E. MATERIAL INPUTS contain the quantity, cost and mode of acquisition of planting materials, fertilizers, soil ameliorants and pesticides.

F. LABOR INPUTS such as labor utilization (in terms of mandays) and labor cost by type of farming activity and by source and type of labor and food cost incurred.

G. OTHER PRODUCTION COSTS cover cash and non-cash payments for land tax, land lease/rental, rental value of owned land, rentals of machine, animals and tools and equipment, fuel and oil, transport costs of inputs, electricity and water, interest payment on crop loans, storage cost and other production costs.

H. PRODUCTION AND DISPOSITION such as volume of the produce and its disposition in the form of cassava roots and planting materials terms of sold, harvesters' share, threshers' share, other laborers' share, landowners' share, lease rental, for home consumption and home-based processing, given away, used for seeds and feeds, wastage and other purposes.

I. PRODUCTION-RELATED INFORMATION such as problems affecting cassava production and comparison of production during the reference period with the same period of last year and the reasons for such changes.

J. MARKETING RELATED INFORMATION includes the major buyer of cassava and problems related to marketing of the produce.

K. ACCESS TO CREDIT such as the amount and source of crop loan and interest rate per annum

L. FARMER'S PARTICIPATION IN CASSAVA PROGRAMS/PROJECTS such as awareness in government program/intervention on cassava and benefits gained

M. OTHER INFORMATION such as the effect of climate change on farming practices and the practice of natural farming method and membership and name of cassava farmers' organization and benefits derived

N. PLANS AND RECOMMENDATIONS includes plans and recommendations to improve cassava production

O. INTERVIEW PARTICULARS contain the name and signature of contractual data collector, field supervisor/editor and PSO and date accomplished.

The questionnaire is provided as a Related Material.

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2014-03-29	2014-04-18	N/A

### Time Periods

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Start	End	Cycle
2013-04-01	2014-03-31	N/A

### Data Collection Mode

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Face-to-face [f2f]

### Data Collection Notes

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Prior to the survey operations, pre-test of survey procedures and instruments took place in Batangas from February 27 to March 1, 2014. This was participated in by seven (7) Central Office staff and four (3) provincial office staff. Interviews averaged more or less than one hour for the seven (7) sample farmers interviewed from Banaba, Batangas City and Balete, San Nicolas. Issues and concerns that cropped up during the pre-test were addressed with corresponding recommendations for the improvement of the questionnaire.

Three (3) levels of training were conducted. This activity aimed to have uniform understanding of the survey concepts and procedures that were used during the survey operations. The first level was the training of selected Central Office (C.O.) staff who served as trainers in the next level of training. The second level training was for the Provincial Agricultural Statistics Officers and selected staff of the six (6) provinces. They served as trainers for the third level training which was intended for Contractual Data Collectors (CDCs). They were trained on the survey concepts, survey procedures and on filling up the questionnaire.

The data collection was carried out by Contractual Data Collectors (CDCs) through personal (face-to-face) interview of the sample farmer in sample barangays using structured questionnaire.

### Questionnaires

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B. SAMPLE IDENTIFICATION such as the name, age, sex, level of education completed, main occupation, number of years engaged in cassava farming (as operator), name of respondent and its classification, contact number

C. BASIC CHARACTERISTICS OF THE FARM such as total physical area, number of parcels operated by the farmer, area planted and harvested to cassava, cropping pattern, number of croppings per year, variety of cassava planted, tenurial status, month of planting and harvesting cassava, main use of cassava and source of planting materials,

D. FARM INVESTMENTS such as inventory of farm investments used, year and cost of acquisition, repairs and improvement

cost and estimated life and usage in the focus cassava farm.

E. MATERIAL INPUTS contain the quantity, cost and mode of acquisition of planting materials, fertilizers, soil ameliorants and pesticides.

F. LABOR INPUTS such as labor utilization (in terms of mandays) and labor cost by type of farming activity and by source and type of labor and food cost incurred.

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H. PRODUCTION AND DISPOSITION such as volume of the produce and its disposition in the form of cassava roots and planting materials terms of sold, harvesters' share, threshers' share, other laborers' share, landowners' share, lease rental, for home consumption and home-based processing, given away, used for seeds and feeds, wastage and other purposes.

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O. INTERVIEW PARTICULARS contain the name and signature of contractual data collector, field supervisor/editor and PSO and date accomplished.

The questionnaire is provided as a Related Material.

## Data Collectors

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

## Supervision

The provincial office staff were responsible for the supervision of the survey operations. Among the tasks carried out by field supervisors were the conduct of spot checking during data collection to monitor the data collectors' work, back-checking the work of CDCs after data collection and the preparation of field supervision report.



## Data Processing

### Data Editing

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Editing and coding of survey returns were done at the provincial offices upon submission of the accomplished questionnaires by the CDCs. These activities were undertaken to ensure the quality of data that were collected.

The document on Editing Guidelines is provided as a Related Material.

### Other Processing

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A five (5) day training/workshop on data processing was conducted to facilitate the generation of survey results. It was attended by the Provincial Processing Officers (PPOs) or staff in-charge on Other Crops and selected staff of the Agricultural Accounts and Statistical Indicators Division (AASID).

The training/workshop covered data encoding, data review, cleaning and updating of flat files using MS Excel program developed by AASID. During the training/workshop, completeness check, consistency checks and accuracy checks were done to ensure quality of data. The output of the data review and cleaning was the final set of raw data file which was used for the generation of data tables. These data tables were validated and compared with the results of the 1998 Costs and Returns of Cassava Production and results of other relevant surveys.

## Data Appraisal

### **Estimates of Sampling Error**

Not applicable.

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

Series of reviews were done to assess the quality of the data in terms of reliability and acceptability. A comparison with the results of past surveys on input usage, labor utilization, production cost and return structure of cassava was made.

## File Description

## **Variable List**

## Block AB. Sample Identification

Content	This block collects information on the geographic location where the sample farmer resides and gather the demographic characteristics of the sample farmer.
Cases	450
Variable(s)	9
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V689	Region	Region	discrete	numeric	Region
V690	Prov	Province	discrete	numeric	Province
V691	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V692	Age	Age	contin	numeric	Age
V693	Sex	Sex	discrete	numeric	Sex
V694	EducationCode	Education Code	discrete	numeric	Education Code
V695	OccupationCode	Occupation Code	discrete	numeric	Occupation Code
V696	FarmingExperience	Number of Years Engaged In Farming	contin	numeric	Number of Years Engaged in Farming
V697	RespondentClassification	Respondent Classification	discrete	numeric	Respondent Classification

## Block C1. Basic Characteristics of the Farm

Content	This block collects basic information about the farm(s) operated by the sample farmer.
Cases	450
Variable(s)	19
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V698	Region	Region	discrete	numeric	Region
V915	Prov	Province	discrete	numeric	Province
V700	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V701	TotalNumberOfParcelsOperated	Total Number Of Parcels Operated	contin	numeric	How many farm parcels did you operate?
V702	TotalPhysicalArea	Total Physical Area	contin	numeric	What was the total physical area?
V703	TotalNumberOfParcelsDevoted	Total Number Of Parcels Devoted To Cassava	contin	numeric	Of the total number of farm parcels, how many were planted to cassava?
V704	FocusParcelID	Focus Parcel ID	discrete	numeric	
V705	FocusParcelArea	Focus Parcel Area	contin	numeric	Focus Parcel Area
V706	TotalAreaDevotedtoCassava	Total Area Devoted to Cassava	contin	numeric	Physical area (indicate the physical area in hectare)
V707	TenureStatusCode	Tenure Status Code	discrete	numeric	What is the tenurial status?
V708	CroppingPattern	Cropping Pattern	discrete	character	What is the usual cropping pattern?
V709	NumberOfCroppingPerYear	Number of Cropping Per Year	contin	numeric	Number of Cropping Per Year
V710	AreaPlanted	Area Planted	contin	numeric	What was the area planted?
V711	AreaHarvested	Area Harvested	contin	numeric	What was the area harvested?
V943	MonthPlanted	Month Planted	discrete	numeric	What month was it planted?
V944	MonthHarvested	Month Harvested	discrete	numeric	What month was it harvested?
V714	VarietyPlanted	Variety Planted	discrete	character	What was the variety of cassava planted?
V715	MainUseOfCassava	Main Use Of Cassava	discrete	numeric	What is/are the use/s of the variety planted?
V716	SourceOfPlantingMaterials	Source of Planting Materials	discrete	numeric	Who/What was/were the source/s of planting materials?

## Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

Content	This block collects basic information about the physical area of cassava parcels operated by the sample farmer.
Cases	603
Variable(s)	5
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

### Variables

ID	Name	Label	Type	Format	Question
V717	Region	Region	discrete	numeric	Region
V718	Province	Province	discrete	numeric	Province
V719	ID	Farm Identification Code	discrete	character	Farm Identification Code
V720	Parcel_Id	Parcel Id	discrete	character	Of the total farm parcels, how many were planted to cassava?
V916	ParcelArea	Parcel Area	contin	numeric	

**Block D. Farm Investments (owned and used in the focus parcel)**

Content	This block captures information on all investment items owned and used/utilized by the sample farmer in cassava production during the last completed harvest within April 2013 to March 2014.
Cases	2236
Variable(s)	11
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V722	Region	Region	discrete	numeric	Region
V723	Province	Province	discrete	numeric	Province
V724	ID	Farm Identification Code	discrete	character	Farm Identification Code
V917	ItemCode	Item Code	discrete	numeric	Item Code
V726	OthersSpecify	Others Specify	discrete	character	Others Specify
V920	NumberofUnits	Number of Units	contin	numeric	How many units were used?
V921	YearAcquired	Year Acquired	discrete	numeric	What year was it acquired/constructed?
V918	AcquisitionCosts	Acquisition Costs	contin	numeric	How much was the cost of acquisition/construction?
V919	CostofRepairImprovement	Cost of Repair / Improvement	contin	numeric	How much was spent for minor repair/improvement? (Pesos)
V922	YearsWillItBeUseful	Years Will It Be Useful	contin	numeric	How many years will it be useful/serviceable? (From the date of interview)
V923	PercentOfUse	Percent Of Use	contin	numeric	What was its percentage of use in the focus parcel?



## Block E. Material Inputs (used in the focus parcel)

Content	This block aims to gather information on the usage and costs of material inputs of the sample farmer in his cassava production during the last completed cropping period.
Cases	838
Variable(s)	20
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V733	Region	Region	discrete	numeric	Region
V734	Province	Province	discrete	numeric	Province
V735	ID	Farm Identification Code	discrete	character	Farm Identification Code
V924	ItemCode	Item Code	discrete	numeric	Item Code
V737	OthersSpecify	Others Specify	discrete	character	Others Specify
V940	N	Nitrogen Content	discrete	character	Nitrogen Content
V941	P	Phosphorous Content	discrete	character	Phosphorous Content
V942	K	Potassium Content	discrete	character	Potassium Content
V928	ModeofAcquisition	Mode of Acquisition	discrete	numeric	What was the mode of acquisition?
V929	DiscountRate	Discount Rate	contin	numeric	If purchased and discounted, what was the discount rate?
V930	NumberofUnits	Number of Units	contin	numeric	How many units were used/applied?
V744	NameofLocalUnit	Name of Local Unit	discrete	character	What was the name of local unit?
V931	WeightinKilogram	Weight in Kilogram	contin	numeric	If solid input, what was the weight of one local unit in kilogram?
V932	WeightinLiters	Weight in Liters	contin	numeric	If liquid input, what was the volume of one local unit in liter?
V933	PriceperLocalUnit	Price per Local Unit	contin	numeric	If purchased, what was the price of one local unit? (Pesos)
V934	PrevailingPriceperLocalUnit	Prevailing Price per Local Unit	contin	numeric	If not purchased, what was the prevailing price in the locality?(Pesos)
V935	TotalQuantityinKilogram	Total Quantity in Kilogram	contin	numeric	What was the total quantity in kilogram?
V936	TotalValueInKilogram	Total Value In Kilogram	contin	numeric	How much was the total value (Pesos)?
V937	TotalVolumeinLiters	Total Volume in Liters	contin	numeric	What was the total volume in liter?
V938	TotalValueinLiters	Total Value in Liters	contin	numeric	How much was the total value (Pesos)?

**Block F. Labor Inputs (in focus parcel)**

Content	This block aims to gather information pertaining to labor utilization in the production of cassava during the reference period.
Cases	4279
Variable(s)	21
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V753	Region	Region	discrete	numeric	Region
V754	Province	Province	discrete	numeric	Province
V961	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V939	ItemCode	Item Code	discrete	numeric	
V757	OthersSpecify	Others Specify	discrete	character	
V945	OpDays	Operator - Number of Days Spent	contin	numeric	Operator- How many days were spent?
V946	OpHrs	Operator- Number of Hours Spent	contin	numeric	Operator- How many hours per day were spent?
V947	FamPerson	Family Labor- Number of Persons	contin	numeric	Family Labor-How many persons worked in the farm?
V948	FamDays	Family Labor- Number of Days Spent	contin	numeric	Family Labor-On the average, how many days did they work?
V949	FamHrs	Family Labor- Number of Hours Spent	contin	numeric	Family labor-On the average, how many days did they work?
V950	ExPerson	Exchange Labor- Number of Persons	contin	numeric	Exchange labor-How many persons worked in the farm?
V951	ExDays	Exchange Labor- Number of Days Spent	contin	numeric	Exchange labor-On the average, how many days did they work?
V952	ExHrs	Exchange Labor- Number of Hours Spent	contin	numeric	Exchange labor-On the average, how many days did they work?
V953	PrevWageRate	Prevailing Wage Rate	contin	numeric	How much was the prevailing wage rate per day in the locality? (Pesos)
V954	HiredPerson	Hired Labor- Number of Persons	contin	numeric	Hired labor-How many persons worked in the farm?
V955	HiredDays	Hired Labor- Number of Days Spent	contin	numeric	Hired labor-On the average, how many days did they work?
V956	HiredHrs	Hired Labor- Number of Hours Spent	contin	numeric	Hired labor-On the average, how many hours did they work?
V957	TotMandaysHired	Total Mandays of Hired Labor	contin	numeric	
V958	Cash	Cash	contin	numeric	How much was paid in cash? (pesos)
V959	InKind	In Kind	contin	numeric	How much was paid in kind?

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V960	FoodCost	Food Cost	contin	numeric	How much was the total food cost incurred? (Pesos)

## Block G. Other Production Costs (in focus parcel)

Content	This block gathers other items of production cost incurred on the focus parcel during the reference period.
Cases	865
Variable(s)	14
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V774	Region	Region	discrete	numeric	
V775	Province	Province	discrete	numeric	
V962	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V963	ItemCode	Item Code	discrete	numeric	
V778	OthersSpecify	Others Specify	discrete	character	
V964	QuantityinLiters	Quantity in Liters	contin	numeric	
V965	Cash	Cash	contin	numeric	
V966	Imputed	Imputed	contin	numeric	
V782	Commodity	Commodity	discrete	character	What was the crop/commodity paid?
V967	NumberofUnits	Number of Units	contin	numeric	How many local units?
V784	LocalUnit	Local Unit	discrete	character	What was the name of local unit?
V785	WeightinKilogram	Weight in Kilogram	discrete	character	What was the weight of one local unit?
V968	TotalQuantityinKilogram	Total Quantity in Kilogram	contin	numeric	What was the total quantity in kilogram?
V969	TotalValueinKilogram	Total Value in Kilogram	contin	numeric	How much was the total value? (pesos)

## Block H. Production and Disposition (in focus parcel)

Content	This block aims to gather information on the gross volume of cassava harvested in the focus parcel during the last completed cropping within April 2013 to March 2014 as well as the breakdown of disposition.
Cases	450
Variable(s)	53
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V788	Region	Region	discrete	numeric	Region
V789	Prov	Province	discrete	numeric	Province
V790	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V970	CassavaRootsQuantityinlocalu	Cassava Roots Quantity in local unit	contin	numeric	Cassava Roots Quantity in Local Unit
V993	CassavaRootsNameoflocalunitLU	Cassava Roots Name of local unit (LU)	discrete	character	Cassava Roots Name of local unit (LU)
V972	CassavaRoWeightofoneLUinkilogram	Cassava Roots Weight of one LU in kilogram	contin	numeric	Cassava Roots Weight of one LU in kilogram
V973	CassavaRootsTrader	Cassava Roots Trader	contin	numeric	Cassava Roots Trader
V975	CassavaRootsProcessoroffood	Cassava Roots Processor of food	contin	numeric	Cassava Roots Processor of food
V976	CassavaRootsProcessoroffeeds	Cassava Roots Processor of feeds	contin	numeric	Cassava Roots Processor of feeds
V977	CassavaRootsProcessorofethanol	Cassava Roots Processor of ethanol	contin	numeric	Cassava Roots Processor of ethanol
V978	CRPriceperlocalunitinpesos	Cassava Roots Price per local unit (in pesos)	contin	numeric	Cassava Roots Price per local unit (in pesos)
V979	CassavaRootsHarvestersshare	Cassava Roots Harvesters' share	contin	numeric	Cassava Roots Harvesters' share
V980	CassavaRootsOtherlaborersshare	Cassava Roots Other laborers' share	contin	numeric	Cassava Roots Other laborers' share
V981	CassavaRootsLandownersshare	Cassava Roots Landowner's share	contin	numeric	Cassava Roots Landowner's share
V982	CassavaRootsLandleaseRental	Cassava Roots Land lease / Rental	contin	numeric	Cassava Roots Land lease / Rental
V983	CassavaRootsForhomeconsumption	Cassava Roots For home consumption	contin	numeric	Cassava Roots For home consumption
V984	CRForhomebasedprocessing	Cassava Roots For home-based processing	contin	numeric	Cassava Roots For home-based processing
V985	CassavaRootsGivenaway	Cassava Roots Given away	contin	numeric	Cassava Roots Given away

ID	Name	Label	Type	Format	Question
V986	CassavaRootsPaidtocreditor	Cassava Roots Paid to creditor	contin	numeric	Cassava Roots Paid to creditor
V987	CassavaRootsUsedTobeusedforfeeds	Cassava Roots Used / To be used for feeds	contin	numeric	Cassava Roots Used / To be used for feeds
V1018	CassavaRootsIrrigationFee	Cassava Roots Cassava Roots Irrigation Fee	discrete	numeric	Cassava Roots Cassava Roots Irrigation Fee
V988	CassavaRootsWastage	Cassava Roots Wastage	contin	numeric	Cassava Roots Wastage
V989	CassavaRootsOthersTxt1	Cassava Roots Other disposition	contin	numeric	Cassava Roots Other disposition
V991	CassavaRootsOthers1	Cassava Roots Others	discrete	character	Cassava Roots Others
V994	CassavaRootsOthersTxt2	Cassava Roots Others Txt2	discrete	numeric	Cassava Roots Others Txt2
V1020	CassavaRootsOthers2	Cassava Roots Others 2	discrete	numeric	Cassava Roots Others 2
V1021	CassavaRootsOthersTxt3	Cassava Roots Others Txt2	discrete	numeric	Cassava Roots Others Txt2
V1022	CassavaRootsOthers3	Cassava Roots Others 2	discrete	numeric	Cassava Roots Others 2
V992	CassavaRootsTotalDisposition	Cassava Roots Total Disposition	contin	numeric	Cassava Roots Total Disposition
V1023	CassavaTopsQuantityinLU	Cassava Tops Quantity in local unit	contin	numeric	Cassava Tops Quantity in local unit
V1024	CassavaTopsNameinLU	Cassava Tops Name of local unit (LU)	discrete	character	Cassava Tops Name of local unit (LU)
V1025	CassavaTopsWeightofoneLUinKg	Cassava Tops Weight of one LU in kilogram	contin	numeric	Cassava Tops Weight of one LU in kilogram
V1026	CassavaTopsTrader	Cassava Tops Trader	contin	numeric	Cassava Tops Trader
V1027	CassavaTopsProcessorofFood	Cassava Tops Processor of food	contin	numeric	Cassava Tops Processor of food
V1028	CassavaTopsProcessorofFeed	Cassava Tops Processor of feeds	contin	numeric	Cassava Tops Processor of feeds
V1030	CassavaTopsPricePerLU	Cassava Tops Price per local unit (in pesos)	contin	numeric	Cassava Tops Price per local unit (in pesos)
V1035	CassavaTopsforHomeConsumption	Cassava Tops For home consumption	contin	numeric	Cassava Tops For home consumption
V1037	CassavaTopsGivenAway	Cassava Tops Given away	contin	numeric	Cassava Tops Given away
V1039	CassavaTopsUsedToBeUsedForFeeds	Cassava Tops Used / To be used for feeds	contin	numeric	Cassava Tops Used / To be used for feeds
V1043	CassavaTopsOthers1	Cassava Tops Others	discrete	character	Cassava Tops Others
V1044	CassavaTopsOthers2	Cassava Tops Others Txt2	discrete	numeric	Cassava Tops Others Txt2
V1045	CassavaTopsOthers3	Cassava Tops Others 2	discrete	numeric	Cassava Tops Others 2
V1048	CassavaTopsTotalDisposition	Cassava Tops Total Disposition	contin	numeric	Cassava Tops Total Disposition
V1049	PlantingMaterialsQinLU	Planting Materials Quantity in Local Unit	discrete	character	Planting Materials Quantity in Local Unit
V1063	PlantingMaterialsNameinLU	Planting Materials Name in Local Unit	discrete	character	Planting Materials Name in Local Unit

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V1051	PlantingMaterialsTrader	Planting Materials Trader	contin	numeric	Planting Materials Trader
V1054	PlantingMaterialsPerPerLU	Planting Materials Price per local unit (in pesos)	contin	numeric	Planting Materials Price per local unit (in pesos)
V1056	PlantingMaterialsGivenAway	Planting Materials Given away	contin	numeric	Planting Materials Given away
V1057	PlantingMaterialsUsedTobeUsedfor	Planting Materials Used / To be used for feeds	contin	numeric	Planting Materials Used / To be used for feeds
V1058	PlantingMaterialsOthers1	Planting Materials Others1	discrete	character	Planting Materials Others1
V1059	PlantingMaterialsOthers2	Planting Materials Others Txt2	discrete	numeric	Planting Materials Others Txt2
V1060	PlantingMaterialsOthers3	Planting Materials Others 2	discrete	numeric	Planting Materials Others 2
V1062	PlantingMaterialsTotalDispositio	Planting Materials Total Disposition	discrete	numeric	Planting Materials Total Disposition

**Block I. Production Related Information (in focus parcel)**

Content	This block aims to gather information on the problems affecting cassava production during the reference period.
Cases	450
Variable(s)	28
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V813	Region	Region	discrete	numeric	Region
V814	Prov	Province	discrete	numeric	Province
V1064	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V1065	Productioncomparison	Production comparison	discrete	numeric	How would you compare your production (roots) in the focus parcel during the reference period with the same period of last year?
V1066	Changeinarea	Change in area	discrete	numeric	What was/were the reason/s for the change in production?
V818	Reason1	Kind of Change in Area	discrete	character	Kind of change in area
V1067	Weathereffects	Weather effects	discrete	numeric	What was/were the reason/s for the change in production?
V820	Reason2	Kind of weather effects	discrete	character	Kind of weather effects
V1068	Pestanddiseases	Pest and diseases	discrete	numeric	What was/were the reason/s for the change in production?
V822	Reason3	Kind of pests and diseases	discrete	character	Kind of pests and diseases
V1069	Plantingmaterials	Planting materials	discrete	numeric	What was/were the reason/s for the change in production?
V824	Reason4	Type of Planting Material	discrete	character	Type of planting materials
V1070	Fertilizer	Fertilizer	discrete	numeric	What was/were the reason/s for the change in production?
V826	Reason5	Fertilizer Usage	discrete	character	Fertilizer Usage
V1071	Irrigation	Irrigation	discrete	numeric	What was/were the reason/s for the change in production?
V828	Reason6	Type of irrigation issue	discrete	character	Type of irrigation issue
V1072	Others	Others	discrete	numeric	What was/were the reason/s for the change in production?
V830	Reason7	Other reasons	discrete	character	Other reasons
V831	Othersspecify	Others specify	discrete	character	What was/were the reason/s for the change in production?



ID	Name	Label	Type	Format	Question
V1073	Pestsanddiseases	Pests and diseases	discrete	numeric	Pests and Diseases
V1074	Highcostofinputs	High cost of inputs	discrete	numeric	High cost of inputs
V1075	BadweatherCalamities	Bad weather/ Calamities	discrete	numeric	Bad weather/Calamities
V1076	Lackofcapital	Lack of capital	discrete	numeric	Lack of capital
V1077	RoughorpoorroadInadequa	Rough or poor road / Inadequate transport facilities	discrete	numeric	Rough or poor road/ Inadequate transport facilities
V1078	Inadequatesupplyofwater	Inadequate supply of water/ irrigation problem	discrete	numeric	Inadequate supply of water/irrigation problem
V1079	Poorsoilcondition	Poor soil condition	discrete	numeric	Poor soil condition
V1080	IOthers	Others	discrete	numeric	Others
V840	IOthersspecify	Other problems	discrete	character	Other problems

**Block J. Marketing Related Information (in focus parcel)**

Content	This block aims to gather information on the problems encountered in marketing their produce during the reference period.
Cases	450
Variable(s)	24
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V841	Region	Region	discrete	numeric	Region
V842	Prov	Province	discrete	numeric	Province
V1081	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V1082	Agent	Agent	discrete	numeric	Who was your major buyer of produce?
V1083	Percent1	Percentage sold to agent	contin	numeric	Percentage sold to agent
V1084	Wholesaler	Wholesaler	discrete	numeric	Who was your major buyer of produce?
V1096	Percent2	Percentage sold to wholesaler	contin	numeric	Percentage sold to wholesaler
V1085	Wholesalerretailer	Wholesaler-retailer	discrete	numeric	Who was your major buyer of produce?
V1097	Percent3	Percentage sold to wholesaler-retailer	contin	numeric	Percentage sold to wholesaler-retailer
V1086	Exporter	Exporter	discrete	numeric	Who was your major buyer of produce?
V1098	Percent4	Percentage sold to exporter	contin	numeric	Percentage sold to exporter
V1087	Assembler	Assembler	discrete	numeric	Who was your major buyer of produce?
V1099	Percent5	Percentage sold to assembler	contin	numeric	Percentage sold to assembler
V1088	Processor	Processor	discrete	numeric	Who was your major buyer of produce?
V1100	Percent6	Percentage sold to processor	contin	numeric	Percentage sold to processor
V1089	Cooperative	Cooperative	discrete	numeric	Who was your major buyer of produce?
V1101	Percent7	Percentage sold to cooperative	contin	numeric	Percentage sold to cooperative
V1090	Consumer	Consumer	discrete	numeric	Who was your major buyer of produce?
V1102	Percent8	Percentage sold to consumer	contin	numeric	Percentage sold to consumer

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V1091	Unstableprices	Unstable prices	discrete	numeric	What were the marketing related problems you have encountered?
V1092	Roughroadshightransportc	Rough roads/ high transport cost	discrete	numeric	What were the marketing related problems you have encountered?
V1093	Lowpriceofproduce	Low price of produce	discrete	numeric	What were the marketing related problems you have encountered?
V1094	Nobuyermarketoutlet	No buyer/ market outlet	discrete	numeric	What were the marketing related problems you have encountered?
V1095	Lackofmarketinginformation	Lack of marketing information	discrete	numeric	What were the marketing related problems you have encountered?

**Block K. Access to Credit (in focus parcel)**

Content	This block aims to gather information regarding loans availed of by the sample farmer/operator for cassava production during the reference period.
Cases	450
Variable(s)	7
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V865	Region	Region	discrete	numeric	Region
V1103	Prov	Province	discrete	numeric	Province
V867	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V868	AvailedLoan	Availed Loan	discrete	numeric	Have you availed of loan for cassava production during the reference period?
V869	MajorSourceofLoan	Major Source of Loan	discrete	numeric	Who/what was your major source of loan?
V870	LoanAmount	Loan Amount	contin	numeric	How much loan did you avail of? (Pesos)
V871	RateperAnnum	Rate per Annum	contin	numeric	How much was the interest rate per annum? (in percent)

## Block L. Farmer's Participation in Cassava Programs and Projects

Content	This block aims to collect information on the farmer's participation in cassava program and projects during the reference period.
Cases	450
Variable(s)	8
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

### Variables

ID	Name	Label	Type	Format	Question
V872	Region	Region	discrete	numeric	Region
V1104	Prov	Province	discrete	numeric	Province
V1105	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V1106	AwareofGovtProgram	Aware of Govt Program	discrete	numeric	Are you aware of any government program/intervention on cassava?
V1107	AvailedBenefitfromGovtPro	Availed Benefit from Govt Program	discrete	numeric	Have you availed of any benefit from government program/intervention?
V1108	TypeofBenefitsAvailed	Type of Benefits Availed	discrete	numeric	What benefits have you availed?
V1109	UseBenefits	Use Benefits	discrete	numeric	Did you use the benefit(s) in your production during the last completed cropping, April 2013 - March 2014?
V1110	Increasefarmincome	Increase farm income	discrete	numeric	Did the benefit(s) receive helped increase your farm income?

**Block M. Other Information (for cassava only)**

Content	This block aims to gather information relative to the effect of climate change in cassava production and organic farming practices. Also, the sample farmer/ operators membership in any farmer's organization and benefits received are solicited.
Cases	450
Variable(s)	19
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V880	Region	Region	discrete	numeric	Region
V881	Prov	Province	discrete	numeric	Province
V1111	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V1112	Climatechange	Climate change	discrete	numeric	Has Climate Change affected your farming practices?
V1113	Changeincroppingpattern	Change in cropping pattern	discrete	numeric	What was/were the effect/s?
V1114	Increaseininputusage	Increase in input usage	discrete	numeric	What was/were the effect/s?
V1115	Decreaseinyield	Decrease in yield	discrete	numeric	What was/were the effect/s?
V1116	Decreaseinfrequencyofpl	Decrease in frequency of plowing	discrete	numeric	What was/were the effect/s?
V1117	Others	Others	discrete	numeric	What was/were the effect/s?
V889	OthersTxt	OthersTxt	discrete	character	What was/were the effect/s?
V1118	Naturalfarming	Natural farming	discrete	numeric	Did you practice any of the following organic/natural farming method?
V1119	Hundredpercentchemicalfr	Hundred percent chemical free farming	discrete	numeric	Did you practice any of the following organic/natural farming method?
V1120	Useoforganicfertilizer	Use of organic fertilizer (e.g,composts)	discrete	numeric	Did you practice any of the following organic/natural farming method?
V1121	Maintainbufferzoneorbor	Maintain buffer zone or borders	discrete	numeric	Did you practice any of the following organic/natural farming method?
V1122	MOthers	Others	discrete	numeric	Did you practice any of the following organic/natural farming method?
V895	MOthersTxt	OthersTxt	discrete	character	Did you practice any of the following organic/natural farming method?
V1123	FarmersOrganization	Farmers Organization	discrete	numeric	Are you a member of cassava farmers' organization?
V1126	NameofOrganization	Name of Organization	discrete	character	What is the name of the organization?
V1125	TypeofBenefits	Type of Benefits	discrete	numeric	What were the benefit/s received from the organization?

## Block N. Plans and Recommendations

Content	This block aims to compile the plans and recommendations of the sample farmer/operator for the improvement of his/her cassava production.
Cases	450
Variable(s)	16
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V899	Region	Region	discrete	numeric	Region
V900	Prov	Province	discrete	numeric	Provinces
V1127	ID	Farm Identification Code	discrete	numeric	Farm Identification Code
V1128	Plans	Plans	discrete	numeric	What is your plan regarding cassava farm operation?
V1130	Specify	Specify	discrete	character	What is your plan regarding cassava farm operation?
V1131	Pricesupport	Price support	discrete	numeric	What are your recommendations in order to improve your cassava production?
V1132	Improveirrigationservices	Improve irrigation services	discrete	numeric	What are your recommendations in order to improve your cassava production?
V1133	Infrastructurefacilities	Infrastructure facilities	discrete	numeric	What are your recommendations in order to improve your cassava production?
V1134	Regulatepriceoffarminputs	Regulate price of farm inputs	discrete	numeric	What are your recommendations in order to improve your cassava production?
V1135	Financialsupport	Financial support	discrete	numeric	What are your recommendations in order to improve your cassava production?
V1136	Soiltestinganalysis	Soil testing/ analysis	discrete	numeric	What are your recommendations in order to improve your cassava production?
V1137	LandReformProgram	Land Reform Program	discrete	numeric	What are your recommendations in order to improve your cassava production?
V1138	Environmentalconcerne.gw	Environmental concern (e.g, disposal, erosion)	discrete	numeric	What are your recommendations in order to improve your cassava production?
V1139	Newmodernfarmingtechnolog	New/ modern farming technologies	discrete	numeric	What are your recommendations in order to improve your cassava production?

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V1140	Others	Others	discrete	numeric	What are your recommendations in order to improve your cassava production?
V914	OthersTxt	Others Text	discrete	character	What are your recommendations in order to improve your cassava production?





## Region (Region)

### File: Block AB. Sample Identification

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the Philippine Standard Geographic Code (PSGC).

## Province (Prov)

### File: Block AB. Sample Identification

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the Philippine Standard Geographic Code (PSGC).

## Farm Identification Code (ID)

### File: Block AB. Sample Identification

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 13	
Decimals: 2	
Range: 517150401-1566154112	

#### Literal question

Farm Identification Code

## Age (Age)

### File: Block AB. Sample Identification

#### Overview

## Age (Age)

### File: Block AB. Sample Identification

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	Mean: 48.5
Decimals: 0	Standard deviation: 11.2
Range: 21-87	

#### Literal question

Age

#### Interviewer instructions

Ask the age (in years) of the sample farmer/operator as of his/her last birthday.

## Sex (Sex)

### File: Block AB. Sample Identification

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

#### Literal question

Sex

#### Interviewer instructions

Encircle the appropriate code "1" if sample farmer/operator is Male and "2" if Female.

## Education Code (EducationCode)

### File: Block AB. Sample Identification

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-10	

#### Literal question

Education Code

#### Interviewer instructions

Ask the highest grade or level of education completed by the sample farmer/operator. Examples of correctly recorded responses are; Grade 1, Grade 5, Elementary graduate (Grade 6), First year high school, Third year high school, High School Graduate, Second year college, College graduate, Vocational - 2 years, etc.

## Occupation Code (OccupationCode)

### File: Block AB. Sample Identification

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 100-900	

#### Literal question

Occupation Code

## Occupation Code (OccupationCode)

### File: Block AB. Sample Identification

#### Interviewer instructions

Ask the specific occupation of the sample farmer. This refers to the gainful work or activity that provides the major source of income during the reference period.

## Number of Years Engaged In Farming (FarmingExperience)

### File: Block AB. Sample Identification

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	Mean: 13.4
Decimals: 0	Standard deviation: 10.5
Range: 1-54	

#### Literal question

Number of Years Engaged in Farming

#### Interviewer instructions

Ask the number of years the sample farmer has been engaged in cassava farming. Record the number of years (in whole number) in the space provided.

## Respondent Classification (RespondentClassification)

### File: Block AB. Sample Identification

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

#### Literal question

Respondent Classification

#### Interviewer instructions

Determine the respondent's classification and encircle the appropriate code. Encircle code "1" if the respondent is both the household head and farm operator, "2" if Farm operator other than the household head; "3" if Household head but not farm operator and "4" if Other knowledgeable household member.

## Region (Region)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the Philippine Standard Geographic Code (PSGC).

## Province (Prov)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay. Fill up the boxes with the corresponding code/s from the Philippine Standard Geographic Code (PSGC).

## Farm Identification Code (ID)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 13	Minimum: 517150401
Decimals: 2	Maximum: 1566154112
Range: 517150401-1566154112	Mean: 1141976721.8
	Standard deviation: 420783545.7

#### Literal question

Farm Identification Code

## Total Number Of Parcels Operated (TotalNumberOfParcelsOperated)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

## Total Number Of Parcels Operated (TotalNumberOfParcelsOperated) File: Block C1. Basic Characteristics of the Farm

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 2  
Range: 1-8

Valid cases: 450  
Invalid: 0  
Mean: 1.6  
Standard deviation: 1

### Literal question

How many farm parcels did you operate?

### Interviewer instructions

Ask the number of farm parcels the sample farmer is cultivating (within the province). This includes all parcels devoted to all crops (cassava, corn, palay, sugarcane and other crops) during the reference period (April 2013 - March 2014).

## Total Physical Area (TotalPhysicalArea) File: Block C1. Basic Characteristics of the Farm

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 2  
Range: 0.1-21.25

Valid cases: 450  
Invalid: 0  
Mean: 2.2  
Standard deviation: 2.5

### Literal question

What was the total physical area?

### Interviewer instructions

Ask the total physical area of the farm parcel/s the sample farmer/operator is cultivating. Record the area in hectare and in four (4) decimal places.

## Total Number Of Parcels Devoted To Cassava (TotalNumberOfParcelsDevoted) File: Block C1. Basic Characteristics of the Farm

### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-7

Valid cases: 450  
Invalid: 0  
Mean: 1.3  
Standard deviation: 0.8

### Literal question

Of the total number of farm parcels, how many were planted to cassava?

## Focus Parcel ID (FocusParcelID) File: Block C1. Basic Characteristics of the Farm

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-7

Valid cases: 450  
Invalid: 0

### Description

## Focus Parcel ID (FocusParcelID)

### File: Block C1. Basic Characteristics of the Farm

Parcel - refers to farm area bounded by a permanent/fixed physical structure (such as road or irrigation canal) or tenure.

Focus parcel - is the particular farm parcel where the last harvest is completed within the reference period and where all relevant information for this study will be collected.

## Focus Parcel Area (FocusParcelArea)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 5	Mean: 1
Decimals: 2	Standard deviation: 1.2
Range: 0.1-12	

#### Literal question

Focus Parcel Area

## Total Area Devoted to Cassava (TotalAreaDevotedtoCassava)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 5	Mean: 1.3
Decimals: 2	Standard deviation: 1.6
Range: 0.1-14	

#### Literal question

Physical area (indicate the physical area in hectare)

#### Interviewer instructions

Ask the area of each of the cassava parcels operated starting with parcel 1 down to the last parcel. Record the area in hectare and in four (4) decimal places.

## Tenure Status Code (TenureStatusCode)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 8
Range: 1-8	

#### Literal question

What is the tenurial status?

#### Interviewer instructions

Ask the tenurial status of the focus farm parcel cultivated and indicate the appropriate code in the box or specify if necessary.

## Cropping Pattern (CroppingPattern)

### File: Block C1. Basic Characteristics of the Farm

## Cropping Pattern (CroppingPattern)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete  
Format: character  
Width: 15

Valid cases: 450  
Invalid: 0

#### Literal question

What is the usual cropping pattern?

#### Interviewer instructions

Ask and indicate the usual cropping pattern.

## Number of Cropping Per Year (NumberOfCroppingPerYear)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 450  
Invalid: 0

#### Literal question

Number of Cropping Per Year

## Area Planted (AreaPlanted)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 2  
Range: 0.1-12

Valid cases: 450  
Invalid: 0  
Mean: 0.9  
Standard deviation: 1.1

#### Literal question

What was the area planted?

#### Interviewer instructions

Inquire on the area of the focus farm parcel planted to cassava and record the response in hectare and in four (4) decimal places on the space provided.

## Area Harvested (AreaHarvested)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 2  
Range: 0.1-12

Valid cases: 450  
Invalid: 0  
Mean: 0.9  
Standard deviation: 1.1

#### Literal question

What was the area harvested?

#### Interviewer instructions



## Area Harvested (AreaHarvested)

### File: Block C1. Basic Characteristics of the Farm

Refers to the total area of the focus farm parcel where the actual harvesting has been done during the reference period. Inquire and indicate the area harvested in hectare and in four (4) decimal places on the space provided.

In many cases, the area harvested is exactly the same as the area planted. If the portion of the area planted to cassava was damaged by flood, drought, pest and diseases, etc., the area harvested should be less than the area planted. However, if the farmer's last completed cropping was damaged by 20% or more, consider the other parcel as the focus parcel, if no other farm parcel planted and harvested to cassava within the reference period, end the interview.

Thus, the entry in Block C, Item 7 (area harvested) maybe equal or less than the entry in Block C Item 6 (area planted).

## Month Planted (MonthPlanted)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What month was it planted?

#### Interviewer instructions

Ask the specific month of planting. Indicate month code in the box provided.

## Month Harvested (MonthHarvested)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What month was it harvested?

#### Interviewer instructions

Ask the specific month of harvest of the cassava. Indicate month code (refer to month code above) in the box provided. If harvesting was done in staggered manner, record the specific month when the focus parcel was totally harvested.

## Variety Planted (VarietyPlanted)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete  
Format: character  
Width: 80

Valid cases: 450  
Invalid: 0

#### Literal question

What was the variety of cassava planted?

#### Interviewer instructions

Ask the variety of cassava being cultivated. Specify the name of the variety of cassava planted in the space provided.

## Main Use Of Cassava (MainUseOfCassava)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-123

Valid cases: 450  
 Invalid: 0

#### Literal question

What is/are the use/s of the variety planted?

#### Interviewer instructions

Encircle the appropriate code/s "1" if for Food; code "2" if for Non-food and code "3" if for Feeds.

## Source of Planting Materials (SourceOfPlantingMaterials)

### File: Block C1. Basic Characteristics of the Farm

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-45

Valid cases: 450  
 Invalid: 0

#### Literal question

Who/What was/were the source/s of planting materials?

#### Interviewer instructions

Ask the agency/entity/organization where the planting materials planted were obtained and encircle appropriate code(s).

## Region (Region)

### File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

#### Overview

Type: Discrete	Valid cases: 603
Format: numeric	Invalid: 0
Width: 2	Minimum: 5
Decimals: 0	Maximum: 15
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Province)

### File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

#### Overview

Type: Discrete	Valid cases: 603
Format: numeric	Invalid: 0
Width: 2	Minimum: 7
Decimals: 0	Maximum: 66
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

#### Overview

Type: Discrete	Valid cases: 603
Format: character	Invalid: 0
Width: 10	

#### Literal question

Farm Identification Code

## Parcel Id (Parcel\_Id)

### File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

#### Overview

## Parcel Id (Parcel\_Id)

## File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 603  
 Invalid: 0

**Literal question**

Of the total farm parcels, how many were planted to cassava?

## Parcel Area (ParcelArea)

## File: Block C2. Basic Characteristics of the Farm (Number of Parcels and Physical Area)

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0

Valid cases: 603  
 Invalid: 0  
 Mean: 1  
 Standard deviation: 1.1

**Interviewer instructions**

Ask the area of each of the cassava parcels operated starting with parcel 1 down to the last parcel. Record the area in hectare and in four (4) decimal places.

## Region (Region)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Discrete	Valid cases: 2236
Format: numeric	Invalid: 0
Width: 2	Minimum: 5
Decimals: 0	Maximum: 15
Range: 5-15	

### Source of information

Philippine Standard Geographic Code (PSGC)

### Literal question

Region

### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Province)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Discrete	Valid cases: 2236
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

### Source of information

Philippine Standard Geographic Code (PSGC)

### Literal question

Province

### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Discrete	Valid cases: 2236
Format: character	Invalid: 0
Width: 10	

### Literal question

Farm Identification Code

## Item Code (ItemCode)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Discrete	Valid cases: 2236
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 100-518	

### Description

## Item Code (ItemCode)

### File: Block D. Farm Investments (owned and used in the focus parcel)

Farm investments - refer to items that the farmer acquired/owned and used/utilized for the enhancement of farm production.

Farm land owned (hectare) - Refers to the focus farm parcel owned and tilled/operated by the sample farmer/operator during the reference cropping.

Work animals - Animals used in farm works. Examples are carabao, cattle and horse.

Carabao - popularly known as water buffalo that originated from India, used as draft animal and also suitable for milk production.

Cattle - general term for the members of the Bovidae family, wild (*Bibos spp.*) or domestic (*Bos spp.*). Domestic cattle have two species: *Bos taurus* or European breeds and *Bos indicus* or Zebu breeds or oriental domestic cattle.

Horse - hoofed animals belonging to the family Equidae.

Farm buildings and other structures - Structures with one or more rooms covered by roof and built for agricultural purposes.

Farm house - a structure which serves as farmer's resting place or shed and serves as storage for his farm inputs, outputs and implements. This is usually made of bamboo, wood and nipa.

Warehouse/storage - a concrete structure mainly used for storage of farm inputs, farm products and other farm equipment.

Others (specify) - any other structure present in the farm which provides major purposes for the focus parcel not previously mentioned.

Farm machinery and transport facilities - Machinery and transport facilities which are mainly used for the preparation, maintenance, irrigation, harvesting and other farm activities.

Two-wheel tractor - a hand tractor with two-wheeled apparatus controlled through the handle bars by walking operator.

Four-wheel tractor - an engine-powered vehicle used to draw other vehicles or equipment as plow or harrow.

Farm vehicles - are mechanized transport facilities used in the farm operation.

Trailer/cart - a vehicle with two or four wheels used for carrying loads in the farm operation.

Grass cutter - a machine used in cutting grass or lawn mower.

Others (specify) - other farm machinery and transport facilities used in the farm not previously mentioned.

Farm tools and implements - Farm tools and implements being used/utilized by the sample farmer in the production of cassava during the reference period.

Plow (araro) - an animal drawn implement with a blade used to cut, lift and turn over soil.

Harrow (suyod) - a cultivating implement set with spikes spring teeth or disks and used primarily for pulverizing the soil.

Sprayer (pambomba) - a device such as atomizer used in applying pesticides, fungicides, molluscicides and herbicides to crops.

Weeder (pang-alis ng damo) - any mechanical device for eliminating weeds.

Shovel/Spade (pala) - a broad blade/heavy flat-bladed long-handled tool used for digging.

Bolo (itak) - a large single-edged knife used for cutting.

Hoe (asarol) - a tool with a thin blade sets across the end of a long handle, used for weeding, loosening soil, etc.

Sled (paragos) - a rural transport equipment with wooden runners.

Spading fork (tinidor) - a hand tool with flat tines for turning soil.

Post hole digger (panghukay) - a tool made of flat or round bars with sharp end for digging.

Yoke (singkaw) - a wooden frame or bar with loops or bows used for harnessing together a pair of oxen.

Rake (kalaykay) - any long-handled tool with teeth or prongs at one end; used for gathering loose grass, hay, leaves, etc., for smoothing broken grounds.

Weighing scale (timbangan) - a device for measuring the weight of an object.

Crates - a container such as a slatted wooden case or plastic case used for storing or shipping harvested produce.

Others (specify) - refer to other farm tools and implements used in the farm not previously mentioned.

## Item Code (ItemCode)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Literal question

Item Code

### Interviewer instructions

Investment items are enumerated in this column such as farm land, work animals, farm buildings and other structures, farm machinery and transport facilities and farm tools and implements.

To facilitate the interview, accomplish this block in horizontal manner. If there are two or more units of similar items acquired on different years/occasions, different useful/serviceable years and different percent of use, separate answers by a slash (/).

## Others Specify (OthersSpecify)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Discrete

Format: character

Width: 22

Valid cases: 582

Invalid: 0

### Description

Others (specify) - any other structure present in the farm which provides major purposes for the focus parcel not previously mentioned.

### Literal question

Others Specify

## Number of Units (NumberofUnits)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Continuous

Format: numeric

Width: 2

Decimals: 0

Valid cases: 2236

Invalid: 0

### Description

Number refers to the number of investment items owned and used/utilized by the sample farmer in the focus parcel.

Area refers to the size in hectare(s) of cassava farm owned by the farmer.

### Literal question

How many units were used?

### Interviewer instructions

Area in this column should be equal to the area planted (Block C, Item 6). Indicate area in four (4) decimal places.

## Year Acquired (YearAcquired)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Discrete

Format: numeric

Width: 4

Decimals: 0

Valid cases: 2236

Invalid: 0

### Description

Year acquired refers to the year a unit was acquired/constructed.

### Literal question

What year was it acquired/constructed?

## Year Acquired (YearAcquired)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Interviewer instructions

Year acquired should be four (4)-digit number e.g. 1985, 1995, 2003, etc.

## Acquisition Costs (AcquisitionCosts)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 2236  
Invalid: 0

### Description

Cost of acquisition/construction refers to the value of investment items at the time it was acquired/constructed.

### Literal question

How much was the cost of acquisition/construction?

### Interviewer instructions

Value of investment item should be in two (2) decimal places.

If inherited/given/transfer of ownership, ask the market value of the investment at the time it was acquired (inherited).

## Cost of Repair / Improvement (CostofRepairImprovement)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 2233  
Invalid: 3

### Description

Expenses spent for minor repair/improvement refers to the expenses incurred for minor repairs and improvements made on the reported farm investments during the last completed cropping period.

### Literal question

How much was spent for minor repair/improvement? (Pesos)

## Years Will It Be Useful (YearsWillItBeUseful)

File: Block D. Farm Investments (owned and used in the focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 2236  
Invalid: 0

### Description

Serviceable/useful years refer to the estimated number of years (in whole number) the investment item is found to be useful/serviceable.

### Literal question

How many years will it be useful/serviceable? (From the date of interview)



## Percent Of Use (PercentOfUse)

### File: Block D. Farm Investments (owned and used in the focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 2236  
Invalid: 0

#### Literal question

What was its percentage of use in the focus parcel?

#### Interviewer instructions

Indicate the usage of the reported farm investment for farm operations during the reference period in percent (%) and record in two (2) decimal places. If there are more than one unit of any single item, get the percent of use of each item and separate answers by a slash (/).

Explain to the respondent what it means and what is the intention of the question item. An investment item may be used for many purposes or different production processes on different crops. In order to reflect a closer estimate of depreciation and repairs/improvements, there is a need to get some estimation as to the extent of use of such investment item for cassava which is the subject of the survey questionnaire.

## Region (Region)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Discrete	Valid cases: 838
Format: numeric	Invalid: 0
Width: 2	Minimum: 5
Decimals: 0	Maximum: 15
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Province)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Discrete	Valid cases: 838
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Discrete	Valid cases: 838
Format: character	Invalid: 0
Width: 10	

#### Literal question

Farm Identification Code

## Item Code (ItemCode)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Discrete	Valid cases: 838
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 100-550	

#### Description

## Item Code (ItemCode)

### File: Block E. Material Inputs (used in the focus parcel)

Planting Materials (cuttings) - Refer to the type of planting material used.

Organic Fertilizer (specify product name and N-P-K) - refers to any product whose basic ingredients are of plant and/or animal origin that has been decomposed biologically, chemically, or through any process that makes the original materials no longer recognizable or to be soil-like in texture, which can supply nutrients to plants. Examples are: azolla, sagana 100, guano, bio-N, vermicasts, etc.

Inorganic Fertilizer (specify product name and N-P-K) - refers to any fertilizer product whose properties are determined predominantly by its content of mineral matter or synthetic chemical compounds. Also, any chemical compound, in liquid or solid form, which contains concentrated amounts of at least one among: nitrogen (N), phosphorous (P) and potassium (K).

Enumerated in the questionnaire are the following:

3.01 Urea (45-0-0)

3.02 Urea (46-0-0)

3.03 Ammonium Sulfate (21-0-0)

3.04 Ammonium Phosphate (16-20-0)

3.05 Complete (12-12-12)

3.06 Complete (14-14-14)

3.07 Complete (16-16-16)

3.08 Muriate of Potash (0-0-60)

Others (specify product name and N-P-K) - refer to other types of inorganic fertilizers used by the farmer.

Soil Ameliorants (specify product name) - refer to certain elements placed or mixed into the soil to replenish depleted soil nutrients for better plant growth.

Pesticides (specify product name) - refer to chemicals used to control/eradicate insects, pests and weeds. Pesticides of original form maybe in solid or liquid.

Herbicides/Weedicides - refer to a compound used to control weeds or unwanted plants. In terms of timing of application herbicides are broadly classified as pre-emergence and post-emergence herbicides, referring to the stage of growth of weeds.

Insecticides - refer to a compound used to control insect pests.

Fungicides - refer to a compound used to control fungus or fungal organisms.

Rodenticides - refer to chemical used to control pests like rodents or rats.

Molluscicides - refer to a chemical intended to control and destroy pest shells.

Organic Pesticides (specify product name) - are botanical extracts/spray, they are extracted from selected plants which

#### Literal question

Item Code

#### Interviewer instructions

## Item Code (ItemCode)

### File: Block E. Material Inputs (used in the focus parcel)

Listed under this column are the material inputs used in cassava production.

To facilitate the interview, accomplish this block in horizontal manner. If there are two or more units of similar item acquired from different sources or different mode of acquisitions, separate answers by a slash (/).

Ask what inorganic fertilizer was applied in the focus cassava parcel and encircle the corresponding code.

Specify the product name and the nitrogen (N), phosphorous (P) and potassium (K) contents.

Ask the farmer if he applied soil ameliorants in the focus parcel during the reference period. If so, write down in the space provided the product name of the soil ameliorants. Examples are: Lime, Zinc Sulfate (Zinc 21%), etc.

Record the product name of the pesticides used in the focus parcel.

Ask if the farmer applied herbicides/ weedicides and if so, specify the product name and write down in the space provided. The following examples are product names and the formulation types are emulsifiable concentrate (EC), soluble concentrate (SC) and wettable powder (WP). Examples are: 2,4-d Amne, 40 EC; Access Atrazine WP, and Activo 22 SC.

Ask if the farmer applied insecticides and if so, specify the name and write down in the space provided. Examples are: ABATE SG; 5-STAR GENERAL EC; ACETAM 75 SP and AGRI-MEK 1.8 EC.

Ask if the farmer applied fungicides. If so, specify and write down in the space provided. Examples are: AGROMYL 50 WP; ALIETTE 80 WP; and AMISTAR 25 SC.

Ask if the farmer applied rodenticides. If so, specify and write down in the space provided. Example is racumin.

Ask if the farmer applied molluscicides. If so, specify and write down in the space provided. Examples are: AQUADIN 70 WP; ARCHER 50WP; and CRUSHER 250 EC

## Others Specify (OthersSpecify)

### File: Block E. Material Inputs (used in the focus parcel)

Overview	
Type: Discrete	Valid cases: 838
Format: character	Invalid: 0
Width: 19	
Literal question	
Others Specify	

## Nitrogen Content (N)

### File: Block E. Material Inputs (used in the focus parcel)

Overview	
Type: Discrete	Valid cases: 838
Format: character	Invalid: 0
Width: 2	
Literal question	
Nitrogen Content	
Interviewer instructions	
Record in the space provided the product name and NPK content of the fertilizer used in the focus parcel.	

## Phosphorous Content (P)

### File: Block E. Material Inputs (used in the focus parcel)

## Phosphorous Content (P)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Discrete	Valid cases: 838
Format: character	Invalid: 0
Width: 2	

#### Literal question

Phosphorous Content

#### Interviewer instructions

Record in the space provided the product name and NPK content of the fertilizer used in the focus parcel.

## Potassium Content (K)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Discrete	Valid cases: 838
Format: character	Invalid: 0
Width: 2	

#### Literal question

Potassium Content

#### Interviewer instructions

Record in the space provided the product name and NPK content of the fertilizer used in the focus parcel.

## Mode of Acquisition (ModeofAcquisition)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Discrete	Valid cases: 838
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 11-32	

#### Literal question

What was the mode of acquisition?

#### Interviewer instructions

Indicate the code of the item whether purchased, own produced or received.

## Discount Rate (DiscountRate)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous	Valid cases: 838
Format: numeric	Invalid: 0
Width: 1	Mean: 0
Decimals: 0	

#### Literal question

If purchased and discounted, what was the discount rate?

#### Interviewer instructions

If the entry in Column 2 is purchased and the code is 1.3, ask for the discount rate of the material input used. Write the discount rate in percent and in two (2) decimal places.

## Number of Units (NumberofUnits)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous	Valid cases: 838
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	

#### Literal question

How many units were used/applied?

#### Interviewer instructions

Ask the exact number of units of planting materials (seed pieces/cuttings), fertilizers, soil ameliorants and pesticides used/applied during the last completed cropping. Write in two (2) decimal places, for planting materials record in whole number.

## Name of Local Unit (NameofLocalUnit)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Discrete	Valid cases: 838
Format: character	Invalid: 0
Width: 8	

#### Literal question

What was the name of local unit?

#### Interviewer instructions

For fertilizer, soil ameliorants and pesticides, write down the unit of measure (in its original form) of the material input used (e.g. bottle, pack, sack, ganta, etc.). For planting materials, local unit should be in "pieces".

## Weight in Kilogram (WeightinKilogram)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous	Valid cases: 838
Format: numeric	Invalid: 0
Width: 2	Mean: 17.8
Decimals: 0	

#### Literal question

If solid input, what was the weight of one local unit in kilogram?

#### Interviewer instructions

Determine the equivalent weight in kilogram per solid input reported in Column 5. Write in three (3) decimal places.

## Weight in Liters (WeightinLiters)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous	Valid cases: 838
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

If liquid input, what was the volume of one local unit in liter?

#### Interviewer instructions

## Weight in Liters (WeightinLiters)

### File: Block E. Material Inputs (used in the focus parcel)

Determine the equivalent volume in liter per liquid material input reported in Column 5. Write in three (3) decimal places.

## Price per Local Unit (PriceperLocalUnit)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous	Valid cases: 838
Format: numeric	Invalid: 0
Width: 4	Mean: 297.6
Decimals: 0	Standard deviation: 530.5

#### Literal question

If purchased, what was the price of one local unit? (Pesos)

#### Interviewer instructions

Ask the price of one local unit (Column 5) and record in two (2) decimal places. If discounted, ask and record the prevailing market price. From the preceding example, the market price is the price that should be paid by the farmer without discount.

## Prevailing Price per Local Unit (PrevailingPriceperLocalUnit)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous	Valid cases: 838
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Standard deviation: 372.2

#### Literal question

If not purchased, what was the prevailing price in the locality?(Pesos)

#### Interviewer instructions

Ask for the prevailing price of one local unit in the locality and record in two (2) decimal places.

## Total Quantity in Kilogram (TotalQuantityinKilogram)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous	Valid cases: 838
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	

#### Literal question

What was the total quantity in kilogram?

#### Interviewer instructions

For each of the total inputs in solid/granule form, i.e. fertilizers, soil ameliorants and pesticides, determine the quantity in standard unit (kilogram). This is computed by multiplying the number of units used (Column 4) by the weight of one local unit in kilogram (Column 6).

## Total Value In Kilogram (TotalValueInKilogram)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

## Total Value In Kilogram (TotalValueInKilogram)

### File: Block E. Material Inputs (used in the focus parcel)

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 838  
Invalid: 0  
Mean: 3792.1  
Standard deviation: 7105.5

#### Literal question

How much was the total value (Pesos)?

#### Interviewer instructions

For the fertilizer, soil ameliorants and pesticides in column 10, determine the total value of each input by multiplying the number of units used (Column 4) by the price of one local unit (Column 8) if purchased, and by prevailing price in the locality (Column 9) if not purchased. For Planting materials (seed pieces/cuttings), record the total value of the planting materials planted (Column 4).

## Total Volume in Liters (TotalVolumeinLiters)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 838  
Invalid: 0

#### Literal question

What was the total volume in liter?

#### Interviewer instructions

For each of the total inputs in liquid form, i.e. fertilizers, soil ameliorants and pesticides, determine the total volume in liter. This is computed by multiplying the number of units used (Column 4) by the volume of one local unit in liter (Column 7).

## Total Value in Liters (TotalValueinLiters)

### File: Block E. Material Inputs (used in the focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 838  
Invalid: 0  
Mean: 118.3  
Standard deviation: 696.2

#### Literal question

How much was the total value (Pesos)?

#### Interviewer instructions

For the same item included in column 12, determine the total value of each input by multiplying the number of units used (Column 4) by the price of one local unit (Column 8) if purchased, and by prevailing price in the locality (Column 9) if not purchased.



## Region (Region)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 4279
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Province)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 4279
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 4279
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	

#### Literal question

Farm Identification Code

## Item Code (ItemCode)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 4279
Format: numeric	Invalid: 0
Width: 4	Minimum: 101
Decimals: 0	Maximum: 1002
Range: 101-1002	

#### Description

## Item Code (ItemCode)

### File: Block F. Labor Inputs (in focus parcel)

Land Preparation - is the process of preparing the soil through primary, secondary or general tilling.

Clearing (Man) - zero tillage, land preparation by man alone.

Plowing - refers to breaking the soil surface using a plow. Type of labor use in plowing can be man and animal, and man and machine (two-wheel tractor and/or four-wheel tractor).

Plowing (Man-animal)

Plowing (Man-machine, 2 wheel)

Plowing (Man-machine, 4 wheel)

Harrowing - refers to breaking up clods and lumps of soil and to provide a finer finish, a good tilt or soil structure that is suitable for seeding and planting operations. Type of labor used can be man and animal, and man and machine (two-wheel and/or four-wheel tractor).

Harrowing (Man-animal)

Harrowing (Man-machine, 2 wheel)

Harrowing (Man-machine, 4 wheel)

Furrowing - turning the bottom of the soil and throwing a ribbon of soil into one side leaving a trench on the soil using moldboard plow. Type of labor used can be man and animal, and man and machine (two-wheel and/or four-wheel tractor).

Furrowing (Man-animal)

Furrowing (Man-machine, 2 wheel)

Furrowing (Man-machine, 4 wheel)

Preparation of planting materials - is the selection and cutting of cassava vines.

Hauling of planting materials - refers to the transferring of cuttings to the field.

Planting - refers to the direct planting of cuttings in straight rows.

Replanting - refers to planting of cuttings to serve as replacement for damaged camote plant.

Care of Crops - refers to process of providing plants the conditions that will help them grow and make them free of weeds, pests and diseases.

Fertilizer application - application of soil and plant nutrient to the proper places in the soil like urea, ammonium phosphate, complete fertilizer, etc.

Fertilizer application (basal) - fertilizer is broadcast over the entire area followed by cultivation to mix the fertilizer with the soil. Shallow plowing and harrowing are done two or three times to ensure even distribution of fertilizer applied.

Fertilizer application (side dressing) - application of fertilizer on or in the soil near the roots of a growing crop without cultivation, usually beside each row during 10 to 15 days after planting. This is very effective during the developing stage of the plant when they feed on nutrients very rapidly.

Fertilizer application (top dressing) - fertilizer is applied on a specific area where the plants either in bands, in rows or by hole method.

Soil ameliorant application - application of soil nutrient to enhance the condition of the soil.

Weeding (manual) - uprooting or removing weeds by hands.

Weeding (chemical spraying) - removal of weeds or unwanted grasses growing among cultivated plants by spraying herbicides/weedicides between the rows of the plants or on dikes.

Off-barring (man-animal) - refers to plowing between rows of plants with furrow slice thrown back-to-back to the center between plant rows.

Hilling-up - refers to plowing between rows of plants with the furrow slice thrown toward the base of the plant.

Hilling-up (man)

Hilling-up (man-animal)

Chemical application (other than weedicide) - application of chemicals to protect the plants from pests and diseases.

Harvesting (man) - is the process of digging mature crops from the fields by hands.

Harvesting (man-animal) - is the process of digging mature crops from the fields using man and animal-drawn plow.

Harvesting (man-machine) - is the process of digging mature crops from the fields using man and machine-drawn plow.

Picking - is the process of gathering and piling of matured crops.

Sorting - refers to the grouping of the produce according to common physical characteristics e.g. quality, class, kind or size.

Bagging - process of stocking the matured crops in containers such as bags, sack, etc.

Hauling - bringing the produce to the place where it will be temporarily stocked.

Hauling of produce (man)

Hauling of produce (man-animal)

Hauling of produce (man-machine)

Washing / Cleaning - is the process of removing soil stucked on the harvested camote roots.

## Item Code (ItemCode)

## File: Block F. Labor Inputs (in focus parcel)

**Interviewer instructions**

Listed in this column are the different activities involved in cassava production. These include land preparation, planting, care of crops, harvesting, hauling of produce, sorting, etc.

## Others Specify (OthersSpecify)

## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Discrete	Valid cases: 61
Format: character	Invalid: 0
Width: 29	

**Interviewer instructions**

Others (specify) - Indicate other activities that are not listed or mentioned above.

## Operator - Number of Days Spent (OpDays)

## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous	Valid cases: 4275
Format: numeric	Invalid: 4
Width: 2	Mean: 2.3
Decimals: 0	Standard deviation: 4.1

**Description**

Operator labor - This refers to the production activities performed by the farmer operator during the reference period.

**Literal question**

Operator- How many days were spent?

**Interviewer instructions**

Ask the total number of days of work per activity and record in whole number.

## Operator- Number of Hours Spent (OpHrs)

## File: Block F. Labor Inputs (in focus parcel)

**Overview**

Type: Continuous	Valid cases: 4275
Format: numeric	Invalid: 4
Width: 1	Mean: 3.7
Decimals: 0	Standard deviation: 3.1

**Description**

Operator labor - This refers to the production activities performed by the farmer operator during the reference period.

**Literal question**

Operator- How many hours per day were spent?

**Interviewer instructions**

Ask the average number of hours of work rendered by the operator and record in one (1) decimal place. To determine the average, add the total numbers of hours worked and divide the sum by the number of working days.

## Family Labor- Number of Persons (FamPerson)

## File: Block F. Labor Inputs (in focus parcel)

**Overview**

## Family Labor- Number of Persons (FamPerson)

### File: Block F. Labor Inputs (in focus parcel)

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 4259  
Invalid: 20

#### Description

Family Labor - This refers to the production activities performed by the family members of the sample farmer-operator.

#### Literal question

Family Labor-How many persons worked in the farm?

#### Interviewer instructions

Ask for the total number of family members who performed the particular farm operation.

## Family Labor- Number of Days Spent (FamDays)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 4278  
Invalid: 1  
Mean: 1.6  
Standard deviation: 2.6

#### Description

Family Labor - This refers to the production activities performed by the family members of the sample farmer-operator.

#### Literal question

Family Labor-On the average, how many days did they work?

#### Interviewer instructions

Indicate the average number of days each person worked in whole number on the space provided.

## Family Labor- Number of Hours Spent (FamHrs)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 4278  
Invalid: 1  
Mean: 3  
Standard deviation: 3

#### Description

Family Labor - This refers to the production activities performed by the family members of the sample farmer-operator.

#### Literal question

Family labor-On the average, how many days did they work?

#### Interviewer instructions

Indicate the average number of hours spent working per day. To determine the average, add the total number of hours worked per person and divide the sum by the total number of working days. Record in one (1) decimal place on the space provided.

## Exchange Labor- Number of Persons (ExPerson)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

## Exchange Labor- Number of Persons (ExPerson)

### File: Block F. Labor Inputs (in focus parcel)

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 4279  
Invalid: 0

#### Description

Exchange Labor (Bayanihan) is a custom of farmers to help each other in peak periods by working on each other's farm without any pay.

#### Literal question

Exchange labor-How many persons worked in the farm?

#### Interviewer instructions

Ask for the total number of persons who performed the particular farm operation.

## Exchange Labor- Number of Days Spent (ExDays)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 4278  
Invalid: 1

#### Description

Exchange Labor (Bayanihan) is a custom of farmers to help each other in peak periods by working on each other's farm without any pay.

#### Literal question

Exchange labor-On the average, how many days did they work?

#### Interviewer instructions

Indicate the average number of days each person worked in whole number on the space provided.

## Exchange Labor- Number of Hours Spent (ExHrs)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 4270  
Invalid: 9

#### Description

Exchange Labor (Bayanihan) is a custom of farmers to help each other in peak periods by working on each other's farm without any pay.

#### Literal question

Exchange labor-On the average, how many days did they work?

#### Interviewer instructions

Indicate the average number of hours spent working per day. To determine the average, add the total number of hours worked per person and divide the sum by the total number of working days. Record in one (1) decimal place on the space provided.

## Prevailing Wage Rate (PrevWageRate)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

## Prevailing Wage Rate (PrevWageRate)

### File: Block F. Labor Inputs (in focus parcel)

Type: Continuous	Valid cases: 4279
Format: numeric	Invalid: 0
Width: 6	Mean: 131.6
Decimals: 0	

#### Literal question

How much was the prevailing wage rate per day in the locality? (Pesos)

#### Interviewer instructions

Ask for the prevailing wage rate per day in the locality for (each of the items in Column 1) the activities performed by unpaid workers. This information will be needed in the computation of imputed value of operator, family and exchange labor. Record in two (2) decimal places on the space provided.

## Hired Labor- Number of Persons (HiredPerson)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 4279
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

#### Literal question

Hired labor-How many persons worked in the farm?

## Hired Labor- Number of Days Spent (HiredDays)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 4279
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

#### Literal question

Hired labor-On the average, how many days did they work?

## Hired Labor- Number of Hours Spent (HiredHrs)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 4279
Format: numeric	Invalid: 0
Width: 2	Mean: 2.1
Decimals: 0	

#### Literal question

Hired labor-On the average, how many hours did they work?

## Total Mandays of Hired Labor (TotMandaysHired)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

## Total Mandays of Hired Labor (TotMandaysHired)

### File: Block F. Labor Inputs (in focus parcel)

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 4279  
Invalid: 0

#### Interviewer instructions

Compute for the total mandays (TMD) of hired labor by multiplying Column 11, Column 12 and Column 13, and divide the result by eight (8). Record in two (2) decimal places on the space provided.

## Cash (Cash)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 4274  
Invalid: 5  
Mean: 738.2  
Standard deviation: 2564.2

#### Literal question

How much was paid in cash? (pesos)

#### Interviewer instructions

If laborers were paid in cash, ask for the total amount paid to laborers per activity performed.

Record in two (2) decimal places on the space provided.

## In Kind (InKind)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0

Valid cases: 4279  
Invalid: 0

#### Literal question

How much was paid in kind?

#### Interviewer instructions

Convert the payment into peso equivalent by following this procedure:

Peso equivalent of Payment in kind= (Total number of units of payment in-kind x (Price per local unit during the time of payment))

## Food Cost (FoodCost)

### File: Block F. Labor Inputs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0

Valid cases: 4279  
Invalid: 0  
Mean: 19  
Standard deviation: 103.3

#### Literal question

How much was the total food cost incurred? (Pesos)

#### Interviewer instructions

When applicable, ask for the total cost incurred in the provision of food (meals/snacks) to farm workers during a particular farm operation.





## Region (Region)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 865
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Province)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 865
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 865
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	

#### Literal question

Farm Identification Code

## Item Code (ItemCode)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 865
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

#### Description

## Item Code (ItemCode)

### File: Block G. Other Production Costs (in focus parcel)

Land Tax-owned farm (annual) - Ask the annual land tax paid for the focus parcel and enter in the space provided. If the land tax paid is for all parcels then use ratio and proportion based on area to apportion the land tax. Impute the land tax to owned farm in column 3 (imputed) if the farm operator did not pay tax during the reference period.

Caretaker/overseer's share/wages (per cropping) - Ask the payment for caretaker or overseer's in cash or in kind per cropping.

Other permanent employee's salary (monthly) - Ask the monthly payment for hired permanent farm workers doing production activities during the reference cropping period. If the payment is not monthly, convert it into monthly.

Land rental should be per annum. Otherwise convert the payment annually. Example: If the land rent is paid after every harvest, multiply the rent by the number of cropping. For farm land with tenurial status "Rent free", impute for the land rental for the use of land during the reference period in column 3 (Imputed).

Rent for machine should be per cropping.

Rent for animals should be per cropping.

Rent for tools and equipment should be per cropping.

Rental value of owned land (annual) - Ask the sample farmer how much would be the annual rental value of the land cultivated for camote if in case these have been rented. This is an imputed cost and recorded in the space provided.

Rental value of owned animal/s (per cropping) - Ask the sample farmer how much would be the rental per cropping of the animal/s used for camote production if in case these have been rented. This is an imputed cost and recorded in the space provided.

Fuel (per cropping) - Ask the exact quantity in liters and cost of fuel (diesel, gasoline and kerosene) consumed in the production process of camote. If paid in kind, record total value in cash equivalent.

Oil (per cropping) - Ask the exact quantity in liters and cost of oil consumed in the production process of camote. If paid in kind, record total value in cash equivalent.

Transport cost of inputs (per cropping) - Ask the costs incurred in transporting the procured fertilizers, chemicals, and other farm inputs to the farm sites. In case of payment in kind, indicate the quantity paid and total value in cash equivalent.

Interest payment on crop loan (per cropping) - Ask the payment in cash or in kind for the interest on borrowed capital used in the production of camote. If paid in kind, ask for the quantity paid and total value in cash equivalent. Interest payment for crop loan should be per cropping. Otherwise convert the payment into per cropping.

Storage cost (per cropping) - Ask the payment in storing the produce in a suitable place for a period of time before disposition or distribution.

Electricity cost (monthly) - Ask the monthly payment in cash for electricity consumed in the production process.

Water (monthly) - Ask the monthly payment in cash for water consumed in the production process.

Landowner's share (per cropping) - Ask the quantity in local unit given to landowner as payment for the use of his farm land.

#### **Interviewer instructions**

## Item Code (ItemCode)

### File: Block G. Other Production Costs (in focus parcel)

Land Tax-owned farm (annual) - Ask the annual land tax paid for the focus parcel and enter in the space provided. If the land tax paid is for all parcels then use ratio and proportion based on area to apportion the land tax. Impute the land tax to owned farm in column 3 (imputed) if the farm operator did not pay tax during the reference period.

Caretaker/overseer's share/wages (per cropping) - Ask the payment for caretaker or overseer's in cash or in kind per cropping.

Other permanent employee's salary (monthly) - Ask the monthly payment for hired permanent farm workers doing production activities during the reference cropping period. If the payment is not monthly, convert it into monthly.

Land rental should be per annum. Otherwise convert the payment annually. Example: If the land rent is paid after every harvest, multiply the rent by the number of cropping. For farm land with tenurial status "Rent free", impute for the land rental for the use of land during the reference period in column 3 (Imputed).

Rent for machine should be per cropping.

Rent for animals should be per cropping.

Rent for tools and equipment should be per cropping.

Rental value of owned land (annual) - Ask the sample farmer how much would be the annual rental value of the land cultivated for cassava if in case these have been rented. This is an imputed cost and recorded in the space provided.

Rental value of owned animal/s (per cropping) - Ask the sample farmer how much would be the rental per cropping of the animal/s used for cassava production if in case these have been rented. This is an imputed cost and recorded in the space provided.

Fuel (per cropping) - Ask the exact quantity in liters and cost of fuel (diesel, gasoline and kerosene) consumed in the production process of cassava. If paid in kind, record total value in cash equivalent.

Oil (per cropping) - Ask the exact quantity in liters and cost of oil consumed in the production process of cassava. If paid in kind, record total value in cash equivalent.

Transport cost of inputs (per cropping) - Ask the costs incurred in transporting the procured fertilizers, chemicals, and other farm inputs to the farm sites. In case of payment in kind, indicate the quantity paid and total value in cash equivalent.

Interest payment on crop loan (per cropping) - Ask the payment in cash or in kind for the interest on borrowed capital used in the production of cassava. If paid in kind, ask for the quantity paid and total value in cash equivalent. Interest payment for crop loan should be per cropping. Otherwise convert the payment into per cropping.

Storage cost (per cropping) - Ask the payment in storing the produce in a suitable place for a period of time before disposition or distribution.

Electricity cost (monthly) - Ask the monthly payment in cash for electricity consumed in the production process.

Water (monthly) - Ask the monthly payment in cash for water consumed in the production process.

Landowner's share (per cropping) - Ask the quantity in local unit given to landowner as payment for the use of his farm land.

## Others Specify (OthersSpecify)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Discrete

Format: character

Width: 14

Valid cases: 111

Invalid: 0

#### Interviewer instructions

Others (specify) - Ask for other items of production cost incurred during the reference period other than those mentioned above. Example is acquisition costs of investment items being utilized for less than a year, e.g. sack, kaing, basket, etc. Specify in the space provided the cost of the item per cropping.

## Quantity in Liters (QuantityinLiters)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 865  
Invalid: 0

## Cash (Cash)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 865  
Invalid: 0

#### Description

Cash (pesos) - This refers to direct cash outlays or cash payment for other production costs incurred during production process.

## Imputed (Imputed)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 832  
Invalid: 33

#### Description

Imputed (pesos) - This refers to expenditures that do not involve actual outlays in cash or in kind; they represent the opportunity costs of using owned resources and are given the values of the best alternative uses foregone.

Non-cash - payment in kind may take the form of quantities of the crop being produced in the concerned farm or other crops being produced or other commodities acceptable to the owner of the land, machine, animals and tools and equipment. In such case, determine the quantity paid and the total value in cash equivalent.

## Commodity (Commodity)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Discrete  
Format: character  
Width: 4

Valid cases: 865  
Invalid: 0

#### Literal question

What was the crop/commodity paid?

#### Interviewer instructions

Specify the crop/commodity paid, it can be either cassava or other agricultural commodity.

## Number of Units (NumberofUnits)

### File: Block G. Other Production Costs (in focus parcel)

## Number of Units (NumberofUnits)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0

Valid cases: 865  
Invalid: 0

#### Literal question

How many local units?

#### Interviewer instructions

Ask the number of local units of cassava or other agricultural commodity paid in column 4.

## Local Unit (LocalUnit)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Discrete  
Format: character  
Width: 15

Valid cases: 865  
Invalid: 0

#### Literal question

What was the name of local unit?

#### Interviewer instructions

Indicate the name of local unit used in measuring the quantity paid in Column 5.

## Weight in Kilogram (WeightinKilogram)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Discrete  
Format: character  
Width: 2

Valid cases: 865  
Invalid: 0

#### Literal question

What was the weight of one local unit?

#### Interviewer instructions

Write the equivalent weight of one local unit in kilogram.

## Total Quantity in Kilogram (TotalQuantityinKilogram)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0

Valid cases: 865  
Invalid: 0

#### Literal question

What was the total quantity in kilogram?

#### Interviewer instructions

Write the total quantity paid in kilogram by multiplying column 5 and column 7.

## Total Value in Kilogram (TotalValueinKilogram)

### File: Block G. Other Production Costs (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 865  
Invalid: 0

#### Literal question

How much was the total value? (pesos)

#### Interviewer instructions

Write the total value of the total quantity paid in column 8, it should be prevailing market price of the specific commodity.

## Region (Region)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Prov)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: 517150401-1566154112	

#### Literal question

Farm Identification Code

## Cassava Roots Quantity in local unit (CassavaRootsQuantityinlocalu)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 6	Mean: 5612
Decimals: 0	Standard deviation: 16674.3

## Cassava Roots Quantity in local unit (CassavaRootsQuantityinlocalu) File: Block H. Production and Disposition (in focus parcel)

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots Quantity in Local Unit

### Interviewer instructions

Enter the gross production in local unit on the space provided in two (2) decimal places.

## Cassava Roots Name of local unit (LU) (CassavaRootsNameoflocalunitLU) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Discrete

Format: character

Width: 20

Valid cases: 450

Invalid: 0

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots Name of local unit (LU)

### Interviewer instructions

Indicate the name of local unit used in measuring the volume of production, e.g., kilogram, sack, kaing, bundle, pieces, can, etc., in the space provided.

## Cassava Roots Weight of one LU in kilogram (CassavaRoWeightofoneLUinkilogram) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous

Format: numeric

Width: 7

Decimals: 0

Valid cases: 450

Invalid: 0

Minimum: 1

Maximum: 5711.3

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots Weight of one LU in kilogram

### Interviewer instructions

Ask the sample farmer/operator the equivalent weight of one local unit in kilogram and write in two (2) decimal places.

## Cassava Roots Trader (CassavaRootsTrader) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous

Format: numeric

Width: 5

Decimals: 0

Valid cases: 450

Invalid: 0

Mean: 800.8

Standard deviation: 5483.7

### Description



## Cassava Roots Trader (CassavaRootsTrader)

### File: Block H. Production and Disposition (in focus parcel)

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Trader

#### Interviewer instructions

Trader -the quantity in local unit sold to traders.

## Cassava Roots Processor of food (CassavaRootsProcessoroffood)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 5	Mean: 105.4
Decimals: 0	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Processor of food

#### Interviewer instructions

Processor for food - the quantity in local unit sold to food processor.

## Cassava Roots Processor of feeds (CassavaRootsProcessoroffeeds)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 6	Mean: 4671.2
Decimals: 0	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Processor of feeds

#### Interviewer instructions

Processor for feeds -the quantity in local unit sold to feed processor.

## Cassava Roots Processor of ethanol (CassavaRootsProcessorofethanol)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Processor of ethanol

## Cassava Roots Processor of ethanol (CassavaRootsProcessorofethanol) File: Block H. Production and Disposition (in focus parcel)

### Interviewer instructions

Processor for Ethanol -the quantity in local unit sold for ethanol.

## Cassava Roots Price per local unit (in pesos) (CRPriceperlocalunitinpesos)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 8	Mean: 1696.5
Decimals: 0	Standard deviation: 3454.5

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Price per local unit (in pesos)

#### Interviewer instructions

Ask the price of one local unit even the sample farmer/operator did not sell his/her produce. It will be used in the computation of gross value of production.

## Cassava Roots Harvesters' share (CassavaRootsHarvestersshare) File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Harvesters' share

#### Interviewer instructions

Harvesters' share - the quantity in local unit given to harvesters as payment for the services rendered

## Cassava Roots Other laborers' share (CassavaRootsOtherlaborersshare)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Other laborers' share

## Cassava Roots Other laborers' share (CassavaRootsOtherlaborersshare)

File: Block H. Production and Disposition (in focus parcel)

### Interviewer instructions

Other laborers' share - the quantity in local unit given to other farm laborers as payment to services rendered.

## Cassava Roots Landowner's share (CassavaRootsLandownersshare)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots Landowner's share

### Interviewer instructions

Landowner's share - the quantity in local unit given to landowner as payment for the use of his farm land.

## Cassava Roots Land lease / Rental (CassavaRootsLandleaseRental)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots Land lease / Rental

### Interviewer instructions

Land lease/rental - refers to quantity in local unit paid for the lease/rental of the farm land.

## Cassava Roots For home consumption (CassavaRootsForhomeconsumption)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 450  
Invalid: 0  
Mean: 10.3  
Standard deviation: 22.3

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots For home consumption

### Interviewer instructions

## Cassava Roots For home consumption (CassavaRootsForhomeconsumption)

### File: Block H. Production and Disposition (in focus parcel)

For home consumption - the quantity in local unit consumed/ to be consumed by the farm household.

## Cassava Roots For home-based processing (CRForhomebasedprocessing)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 3	Mean: 7.6
Decimals: 0	Standard deviation: 26.1

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots For home-based processing

#### Interviewer instructions

For home-based processing - the quantity in local unit for homebased processing.

## Cassava Roots Given away (CassavaRootsGivenaway)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 3	Mean: 7
Decimals: 0	Standard deviation: 17.5

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Given away

#### Interviewer instructions

Given away - the quantity in local unit given to other persons, relatives and other households.

## Cassava Roots Paid to creditor (CassavaRootsPaidtocreditor)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Paid to creditor

#### Interviewer instructions

Paid to creditor - the quantity in local unit paid to creditors.

## Cassava Roots Used / To be used for feeds

(CassavaRootsUsedTobeusedforfeeds)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots Used / To be used for feeds

### Interviewer instructions

Used / To be used for planting materials - the quantity in local unit used as planting materials (seed pieces/cuttings) reserved by the farmer for future use.

## Cassava Roots Cassava Roots Irrigation Fee

(CassavaRootsIrrigationFee)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots Cassava Roots Irrigation Fee

### Interviewer instructions

Irrigation fee - the quantity in local unit paid for irrigation services.

## Cassava Roots Wastage (CassavaRootsWastage)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

### Literal question

Cassava Roots Wastage

### Interviewer instructions

Wastage - estimated quantity in local unit of spoilage or losses incurred during harvesting.

## Cassava Roots Other disposition (CassavaRootsOthersTxt1)

File: Block H. Production and Disposition (in focus parcel)

## Cassava Roots Other disposition (CassavaRootsOthersTxt1)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Other disposition

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Roots Others (CassavaRootsOthers1)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: character	Invalid: 0
Width: 2	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Others

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Roots Others Txt2 (CassavaRootsOthersTxt2)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Others Txt2

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Roots Others 2 (CassavaRootsOthers2)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

## Cassava Roots Others 2 (CassavaRootsOthers2)

### File: Block H. Production and Disposition (in focus parcel)

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Others 2

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Roots Others Txt2 (CassavaRootsOthersTxt3)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Others Txt2

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Roots Others 2 (CassavaRootsOthers3)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

Cassava Roots Others 2

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Roots Total Disposition (CassavaRootsTotalDisposition)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0

Valid cases: 450  
Invalid: 0  
Mean: 5612  
Standard deviation: 16674.3

#### Description

Cassava Roots - refers to the production and disposition of produce in the form of cassava roots.

#### Literal question

## Cassava Roots Total Disposition (CassavaRootsTotalDisposition) File: Block H. Production and Disposition (in focus parcel)

Cassava Roots Total Disposition

### Interviewer instructions

Total disposition - add disposition item 2.01 (sold / to be sold) to 2.14 Others (specify) and write the sum in the space provided.

Production and disposition of cassava roots

## Cassava Tops Quantity in local unit (CassavaTopsQuantityinLU) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 3	Mean: 6
Decimals: 0	

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question

Cassava Tops Quantity in local unit

### Interviewer instructions

Enter the gross production in local unit on the space provided in two (2) decimal places.

## Cassava Tops Name of local unit (LU) (CassavaTopsNameinLU) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Discrete	Valid cases: 450
Format: character	Invalid: 0
Width: 20	

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question

Cassava Tops Name of local unit (LU)

### Interviewer instructions

Indicate the name of local unit used in measuring the volume of production, e.g., kilogram, sack, kaing, bundle, pieces, can, etc., in the space provided.

## Cassava Tops Weight of one LU in kilogram (CassavaTopsWeightofoneLUinKg) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	Mean: 0.2
Decimals: 0	

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question



## Cassava Tops Weight of one LU in kilogram (CassavaTopsWeightofoneLUinKg)

File: Block H. Production and Disposition (in focus parcel)

Cassava Tops Weight of one LU in kilogram

### Interviewer instructions

Ask the sample farmer/operator the equivalent weight of one local unit in kilogram and write in two (2) decimal places.

## Cassava Tops Trader (CassavaTopsTrader)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 450  
Invalid: 0  
Mean: 3.6

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question

Cassava Tops Trader

### Interviewer instructions

Trader -the quantity in local unit sold to traders.

## Cassava Tops Processor of food (CassavaTopsProcessorofFood)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question

Cassava Tops Processor of food

### Interviewer instructions

Processor for food - the quantity in local unit sold to food processor.

## Cassava Tops Processor of feeds (CassavaTopsProcessorofFeed)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question

Cassava Tops Processor of feeds

### Interviewer instructions

## Cassava Tops Processor of feeds (CassavaTopsProcessorofFeed)

### File: Block H. Production and Disposition (in focus parcel)

Processor for feeds -the quantity in local unit sold to feed processor.

## Cassava Tops Price per local unit (in pesos) (CassavaTopsPricePerLU)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0  
Mean: 0.8  
Standard deviation: 1.8

#### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

#### Literal question

Cassava Tops Price per local unit (in pesos)

#### Interviewer instructions

Ask the price of one local unit even the sample farmer/operator did not sell his/her produce. It will be used in the computation of gross value of production.

## Cassava Tops For home consumption

### (CassavaTopsforHomeConsumption)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

#### Literal question

Cassava Tops For home consumption

#### Interviewer instructions

For home consumption - the quantity in local unit consumed/ to be consumed by the farm household.

## Cassava Tops Given away (CassavaTopsGivenAway)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

#### Literal question

Cassava Tops Given away

#### Interviewer instructions

Given away - the quantity in local unit given to other persons, relatives and other households.

## Cassava Tops Used / To be used for feeds (CassavaTopsUsedToBeUsedForFeeds)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question

Cassava Tops Used / To be used for feeds

### Interviewer instructions

Used / To be used for planting materials - the quantity in local unit used as planting materials (seed pieces/cuttings) reserved by the farmer for future use.

## Cassava Tops Others (CassavaTopsOthers1)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Discrete  
Format: character  
Width: 2

Valid cases: 450  
Invalid: 0

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question

Cassava Tops Others

### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Tops Others Txt2 (CassavaTopsOthers2)

File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

### Literal question

Cassava Tops Others Txt2

### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Tops Others 2 (CassavaTopsOthers3)

File: Block H. Production and Disposition (in focus parcel)

### Overview

## Cassava Tops Others 2 (CassavaTopsOthers3)

### File: Block H. Production and Disposition (in focus parcel)

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

#### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

#### Literal question

Cassava Tops Others 2

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Cassava Tops Total Disposition (CassavaTopsTotalDisposition)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

#### Description

Cassava Tops - refers to the production and disposition of produce in the form of cassava tops.

#### Literal question

Cassava Tops Total Disposition

#### Interviewer instructions

Add disposition item 2.01 (sold / to be sold) to 2.14 Others (specify) and write the sum in the space provided.

## Planting Materials Quantity in Local Unit (PlantingMaterialsQinLU)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 450  
 Invalid: 0

#### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

#### Literal question

Planting Materials Quantity in Local Unit

#### Interviewer instructions

Enter the gross production in local unit on the space provided in two (2) decimal places. For Planting materials (seed pieces/cuttings), record in whole number.

## Planting Materials Name in Local Unit (PlantingMaterialsNameinLU)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 450  
 Invalid: 0

#### Description

## Planting Materials Name in Local Unit (PlantingMaterialsNameinLU) File: Block H. Production and Disposition (in focus parcel)

Planting materials - refers to the production and disposition of produce in the form of planting materials.

### Literal question

Planting Materials Name in Local Unit

### Interviewer instructions

Indicate the name of local unit used in measuring the volume of production, e.g., kilogram, sack, kaing, bundle, pieces, can, etc., in the space provided.

## Planting Materials Trader (PlantingMaterialsTrader) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

### Literal question

Planting Materials Trader

### Interviewer instructions

Trader -the quantity in local unit sold to traders.

## Planting Materials Price per local unit (in pesos) (PlantingMaterialsPerPerLU) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0

Valid cases: 450  
Invalid: 0  
Mean: 0.3  
Standard deviation: 0.4

### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

### Literal question

Planting Materials Price per local unit (in pesos)

### Interviewer instructions

Ask the price of one local unit even the sample farmer/operator did not sell his/her produce. It will be used in the computation of gross value of production.

## Planting Materials Given away (PlantingMaterialsGivenAway) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

## Planting Materials Given away (PlantingMaterialsGivenAway) File: Block H. Production and Disposition (in focus parcel)

### Literal question

Planting Materials Given away

### Interviewer instructions

Given away - the quantity in local unit given to other persons, relatives and other households.

## Planting Materials Used / To be used for feeds (PlantingMaterialsUsedTobeUsedfor) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

### Literal question

Planting Materials Used / To be used for feeds

### Interviewer instructions

Used / To be used for planting materials - the quantity in local unit used as planting materials (seed pieces/cuttings) reserved by the farmer for future use.

## Planting Materials Others1 (PlantingMaterialsOthers1) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Discrete  
Format: character  
Width: 2

Valid cases: 450  
Invalid: 0

### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

### Literal question

Planting Materials Others1

### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Planting Materials Others Txt2 (PlantingMaterialsOthers2) File: Block H. Production and Disposition (in focus parcel)

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

### Literal question

Planting Materials Others Txt2

## Planting Materials Others Txt2 (PlantingMaterialsOthers2)

### File: Block H. Production and Disposition (in focus parcel)

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Planting Materials Others 2 (PlantingMaterialsOthers3)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

#### Literal question

Planting Materials Others 2

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Planting Materials Total Disposition (PlantingMaterialsTotalDispositio)

### File: Block H. Production and Disposition (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Planting materials - refers to the production and disposition of produce in the form of planting materials.

#### Literal question

Planting Materials Total Disposition

#### Interviewer instructions

Others (specify) - quantity in local unit used for other purposes which do not belong to the above categories.

## Region (Region)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Prov)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	

#### Literal question

Farm Identification Code

## Production comparison (Productioncomparison)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question



## Production comparison (Productioncomparison)

### File: Block I. Production Related Information (in focus parcel)

How would you compare your production (roots) in the focus parcel during the reference period with the same period of last year?

#### Interviewer instructions

Ask the sample farmer/operator to compare the quantity produce (in focus parcel) during the reference period with the same period of last year. Encircle the appropriate code provided.

## Change in area (Changeinarea)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the reason/s for the change in production?

#### Interviewer instructions

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Kind of Change in Area (Reason1)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: character  
Width: 17

Valid cases: 450  
Invalid: 0

#### Literal question

Kind of change in area

## Weather effects (Weathereffects)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the reason/s for the change in production?

#### Interviewer instructions

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Kind of weather effects (Reason2)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

## Kind of weather effects (Reason2)

## File: Block I. Production Related Information (in focus parcel)

Type: Discrete  
 Format: character  
 Width: 12

Valid cases: 450  
 Invalid: 0

**Literal question**

Kind of weather effects

## Pest and diseases (Pestanddiseases)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Kind of pests and diseases (Reason3)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete  
 Format: character  
 Width: 29

Valid cases: 450  
 Invalid: 0

**Literal question**

Kind of pests and diseases

## Planting materials (Plantingmaterials)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Type of Planting Material (Reason4)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

## Type of Planting Material (Reason4)

### File: Block I. Production Related Information (in focus parcel)

Type: Discrete  
Format: character  
Width: 60

Valid cases: 450  
Invalid: 0

#### Literal question

Type of planting materials

## Fertilizer (Fertilizer)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the reason/s for the change in production?

#### Interviewer instructions

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Fertilizer Usage (Reason5)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: character  
Width: 60

Valid cases: 450  
Invalid: 0

#### Literal question

Fertilizer Usage

## Irrigation (Irrigation)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the reason/s for the change in production?

#### Interviewer instructions

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Type of irrigation issue (Reason6)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

## Type of irrigation issue (Reason6)

## File: Block I. Production Related Information (in focus parcel)

Type: Discrete  
Format: character  
Width: 1

Valid cases: 450  
Invalid: 0

**Literal question**

Type of irrigation issue

## Others (Others)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Other reasons (Reason7)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete  
Format: character  
Width: 64

Valid cases: 450  
Invalid: 0

**Literal question**

Other reasons

## Others specify (Othersspecify)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete  
Format: character  
Width: 15

Valid cases: 450  
Invalid: 0

**Literal question**

What was/were the reason/s for the change in production?

**Interviewer instructions**

Ask the sample farmer/operator on the reason/s for the change in production. Encircle the appropriate code/s and specify verbatim answer in the space provided.

## Pests and diseases (Pestsanddiseases)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

## Pests and diseases (Pestsanddiseases)

### File: Block I. Production Related Information (in focus parcel)

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Pests and Diseases

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## High cost of inputs (Highcostofinputs)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

High cost of inputs

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Bad weather/ Calamities (BadweatherCalamities)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Bad weather/Calamities

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Lack of capital (Lackofcapital)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Lack of capital

#### Interviewer instructions

## Lack of capital (Lackofcapital)

### File: Block I. Production Related Information (in focus parcel)

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Rough or poor road / Inadequate transport facilities

### (RoughorpoorroadInadequa)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Rough or poor road/ Inadequate transport facilities

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Inadequate supply of water/ irrigation problem

### (Inadequatesupplyofwater)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Inadequate supply of water/irrigation problem

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Poor soil condition (Poorsoilcondition)

### File: Block I. Production Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Poor soil condition

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Others (IOthers)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

**Literal question**

Others

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Other problems (IOthersspecify)

## File: Block I. Production Related Information (in focus parcel)

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

Valid cases: 450  
 Invalid: 0

**Literal question**

Other problems

**Interviewer instructions**

Ask the sample farmer/operator on the problems affecting production of cassava during the reference period and encircle the appropriate code/s provided or specify if necessary.

## Region (Region)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Prov)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	

#### Literal question

Farm Identification Code

## Agent (Agent)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description



## Agent (Agent)

### File: Block J. Marketing Related Information (in focus parcel)

Agent - a businessman who buys or sells for another in exchange for a commission.

#### Literal question

Who was your major buyer of produce?

#### Interviewer instructions

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided and determine the percentage of cassava that was sold out of the total volume marketed. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to agent (Percent1)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Percentage sold to agent

#### Interviewer instructions

Determine the percentage of cassava that was sold out of the total volume marketed.

## Wholesaler (Wholesaler)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Wholesaler - one who buys the produce in relatively large quantities and sells it to other traders.

#### Literal question

Who was your major buyer of produce?

#### Interviewer instructions

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided and determine the percentage of cassava that was sold out of the total volume marketed. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to wholesaler (Percent2)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Percentage sold to wholesaler

#### Interviewer instructions

## Percentage sold to wholesaler (Percent2)

### File: Block J. Marketing Related Information (in focus parcel)

Determine the percentage of cassava that was sold out of the total volume marketed.

## Wholesaler-retailer (Wholesalerretailer)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Wholesaler-retailer - one who buys the produce in large quantities either from producers, wholesalers or contract buyers. He sells mainly to retailers on a wholesale basis and retails those that are not sold to retailers. He usually has his own stall in the market area.

#### Literal question

Who was your major buyer of produce?

#### Interviewer instructions

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided and determine the percentage of cassava that was sold out of the total volume marketed. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to wholesaler-retailer (Percent3)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Percentage sold to wholesaler-retailer

#### Interviewer instructions

Determine the percentage of cassava that was sold out of the total volume marketed.

## Exporter (Exporter)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Exporter - any person, natural or juridical, licensed to do business in the Philippines, engaged directly or indirectly in the production, manufacture or trade of products or services which earns at least fifty percent [50%] of its normal operating revenues from the sale of its products or services abroad for foreign currency.

#### Literal question

Who was your major buyer of produce?

#### Interviewer instructions

## Exporter (Exporter)

### File: Block J. Marketing Related Information (in focus parcel)

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided and determine the percentage of cassava that was sold out of the total volume marketed. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to exporter (Percent4)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

Percentage sold to exporter

#### Interviewer instructions

Determine the percentage of cassava that was sold out of the total volume marketed.

## Assembler (Assembler)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

Assembler - one who buys from producers and contract buyers, and assembles the products in large volume and transfer them to market centers. He sells products also on a wholesale basis.

#### Literal question

Who was your major buyer of produce?

#### Interviewer instructions

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided and determine the percentage of cassava that was sold out of the total volume marketed. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to assembler (Percent5)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

#### Literal question

Percentage sold to assembler

#### Interviewer instructions

Determine the percentage of cassava that was sold out of the total volume marketed.

## Processor (Processor)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

Processor - a business engaged in processing agricultural products and preparing them for market.

#### Literal question

Who was your major buyer of produce?

#### Interviewer instructions

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided and determine the percentage of cassava that was sold out of the total volume marketed. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to processor (Percent6)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

#### Literal question

Percentage sold to processor

#### Interviewer instructions

Determine the percentage of cassava that was sold out of the total volume marketed.

## Cooperative (Cooperative)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

Cooperative - a duly registered association of at least fifteen persons with a common bond of interest who voluntarily join together to achieve a lawful common social and economic end. It is organized by the members who equitably contribute the required share capital and accept a fair share of risks and benefits of their undertakings in accordance with universally accepted cooperative principles and practices.

#### Literal question

Who was your major buyer of produce?

#### Interviewer instructions

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided and determine the percentage of cassava that was sold out of the total volume marketed. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to cooperative (Percent7)

### File: Block J. Marketing Related Information (in focus parcel)

## Percentage sold to cooperative (Percent7)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

Percentage sold to cooperative

#### Interviewer instructions

Determine the percentage of cassava that was sold out of the total volume marketed.

## Consumer (Consumer)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

Consumer - the end users.

#### Literal question

Who was your major buyer of produce?

#### Interviewer instructions

Ask the sample farmer/operator on the major buyer of his/her produce (focus parcel). Encircle the appropriate code provided and determine the percentage of cassava that was sold out of the total volume marketed. In case the total quantity marketed was sold to two (2) buyers equally, then there will be two (2) major buyers of produce.

## Percentage sold to consumer (Percent8)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Continuous	Valid cases: 450
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

#### Literal question

Percentage sold to consumer

#### Interviewer instructions

Determine the percentage of cassava that was sold out of the total volume marketed.

## Unstable prices (Unstableprices)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

## Unstable prices (Unstableprices)

### File: Block J. Marketing Related Information (in focus parcel)

What were the marketing related problems you have encountered?

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting marketing of cassava and encircle the appropriate code/s provided or specify if necessary.

## Rough roads/ high transport cost (Roughroadshightransportc)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What were the marketing related problems you have encountered?

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting marketing of cassava and encircle the appropriate code/s provided or specify if necessary.

## Low price of produce (Lowpriceofproduce)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What were the marketing related problems you have encountered?

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting marketing of cassava and encircle the appropriate code/s provided or specify if necessary.

## No buyer/ market outlet (Nobuyermarketoutlet)

### File: Block J. Marketing Related Information (in focus parcel)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What were the marketing related problems you have encountered?

#### Interviewer instructions

Ask the sample farmer/operator on the problems affecting marketing of cassava and encircle the appropriate code/s provided or specify if necessary.

## Lack of marketing information (Lackofmarketinginformation) File: Block J. Marketing Related Information (in focus parcel)

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

### Literal question

What were the marketing related problems you have encountered?

### Interviewer instructions

Ask the sample farmer/operator on the problems affecting marketing of cassava and encircle the appropriate code/s provided or specify if necessary.

## Region (Region)

### File: Block K. Access to Credit (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Prov)

### File: Block K. Access to Credit (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block K. Access to Credit (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 13	
Decimals: 2	
Range: 517150401-1566154112	

#### Literal question

Farm Identification Code

## Availed Loan (AvailedLoan)

### File: Block K. Access to Credit (in focus parcel)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	



## Availed Loan (AvailedLoan)

### File: Block K. Access to Credit (in focus parcel)

#### Literal question

Have you availed of loan for cassava production during the reference period?

#### Interviewer instructions

Ask the sample farmer/operator if he/she availed of any loan for cassava production.

## Major Source of Loan (MajorSourceofLoan)

### File: Block K. Access to Credit (in focus parcel)

#### Overview

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

Valid cases: 450  
Invalid: 0

#### Literal question

Who/what was your major source of loan?

#### Interviewer instructions

Ask for the major source of loan. Encircle the appropriate code or specify if necessary.

## Loan Amount (LoanAmount)

### File: Block K. Access to Credit (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 0-68000

Valid cases: 450  
Invalid: 0  
Mean: 1033.5  
Standard deviation: 5739

#### Literal question

How much loan did you avail of? (Pesos)

#### Interviewer instructions

Write the total amount of loan on the space provided. Record in two (2) decimal places.

## Rate per Annum (RateperAnnum)

### File: Block K. Access to Credit (in focus parcel)

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-60

Valid cases: 450  
Invalid: 0  
Mean: 1  
Standard deviation: 4.6

#### Literal question

How much was the interest rate per annum? (in percent)

#### Interviewer instructions

Ask the interest rate charged by the creditor and record the answer in the space provided. Write the answer in percent and in two (2) decimal places.

## Region (Region)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 5-15

Valid cases: 450  
Invalid: 0

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Prov)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Farm Identification Code

## Aware of Govt Program (AwareofGovtProgram)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

#### Overview

## Aware of Govt Program (AwareofGovtProgram)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Are you aware of any government program/intervention on cassava?

#### Interviewer instructions

Ask the sample farmer/operator if he/she is aware of any government programs/intervention on cassava.

## Availed Benefit from Govt Program (AvailedBenefitfromGovtPro)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Have you availed of any benefit from government program/intervention?

#### Interviewer instructions

Ask if he/she availed of any benefit from government program/intervention.

## Type of Benefits Availed (TypeofBenefitsAvailed)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What benefits have you availed?

#### Interviewer instructions

Ask the type/kind of benefits he/she availed.

## Use Benefits (UseBenefits)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

## Use Benefits (UseBenefits)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

Did you use the benefit(s) in your production during the last completed cropping, April 2013 - March 2014?

#### Interviewer instructions

Ask the sample farmer/operator if he/she used the benefit(s) received in his/her cassava production during the last completed cropping, April 2013 - March 2014.

## Increase farm income (Increasefarmincome)

### File: Block L. Farmer's Participation in Cassava Programs and Projects

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Did the benefit(s) received help increase your farm income?

#### Interviewer instructions

Ask if the benefit(s) received increase his/her farm income.

## Region (Region)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Prov)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Province

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	

#### Literal question

Farm Identification Code

## Climate change (Climatechange)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Description

## Climate change (Climatechange)

### File: Block M. Other Information (for cassava only)

Climate Change - is a change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability observed over comparable time periods.

#### Literal question

Has Climate Change affected your farming practices?

#### Interviewer instructions

Ask the sample farmer/operator if climate change affected his farming practices.

## Change in cropping pattern (Changeincroppingpattern)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the effect/s?

#### Interviewer instructions

Ask the sample farmer/operator the effects of climate change.

## Increase in input usage (Increaseininputusage)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the effect/s?

#### Interviewer instructions

Ask the sample farmer/operator the effects of climate change.

## Decrease in yield (Decreaseinyield)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the effect/s?

#### Interviewer instructions

Ask the sample farmer/operator the effects of climate change.

## Decrease in frequency of plowing (Decreaseinfrequencyofpl)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the effect/s?

#### Interviewer instructions

Ask the sample farmer/operator the effects of climate change.

## Others (Others)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the effect/s?

#### Interviewer instructions

Ask the sample farmer/operator the effects of climate change.

## OthersTxt (OthersTxt)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: character  
Width: 20

Valid cases: 450  
Invalid: 0

#### Literal question

What was/were the effect/s?

#### Interviewer instructions

Ask the sample farmer/operator the effects of climate change.

## Natural farming (Naturalfarming)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Description

Natural Farming- is a sustainable farming using natural materials (inputs) and absolutely no chemicals application.

#### Literal question

Did you practice any of the following organic/natural farming method?

#### Interviewer instructions

## Natural farming (Naturalfarming)

### File: Block M. Other Information (for cassava only)

Ask the sample farmer/operator if he/she practice organic/natural farming method.  
Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Item 3.

## Hundred percent chemical free farming (Hundredpercentchemicalfr)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Did you practice any of the following organic/natural farming method?

#### Interviewer instructions

Ask the sample farmer/operator if he/she practice organic/natural farming method.  
Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Item 3.

## Use of organic fertilizer (e.g,composts) (Useoforganicfertilizer)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Did you practice any of the following organic/natural farming method?

#### Interviewer instructions

Ask the sample farmer/operator if he/she practice organic/natural farming method.  
Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Item 3.

## Maintain buffer zone or borders (Maintainbufferzoneorbor)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0

Valid cases: 450  
Invalid: 0

#### Literal question

Did you practice any of the following organic/natural farming method?

#### Interviewer instructions

Ask the sample farmer/operator if he/she practice organic/natural farming method.  
Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Item 3.

## Others (MOthers)

### File: Block M. Other Information (for cassava only)



## Others (MOthers)

## File: Block M. Other Information (for cassava only)

**Overview**

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

**Literal question**

Did you practice any of the following organic/natural farming method?

**Interviewer instructions**

Ask the sample farmer/operator if he/she practice organic/natural farming method. Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Item 3.

## OthersTxt (MOthersTxt)

## File: Block M. Other Information (for cassava only)

**Overview**

Type: Discrete	Valid cases: 450
Format: character	Invalid: 0
Width: 20	

**Literal question**

Did you practice any of the following organic/natural farming method?

**Interviewer instructions**

Ask the sample farmer/operator if he/she practice organic/natural farming method. Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Item 3.

## Farmers Organization (FarmersOrganization)

## File: Block M. Other Information (for cassava only)

**Overview**

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

**Literal question**

Are you a member of cassava farmers' organization?

**Interviewer instructions**

Ask the sample farmer if he/she is a member of cassava farmers' organization. Encircle the appropriate code "1" for Yes and code "2" for No. If No, go to Block N.

## Name of Organization (NameofOrganization)

## File: Block M. Other Information (for cassava only)

**Overview**

Type: Discrete	Valid cases: 450
Format: character	Invalid: 0
Width: 30	

**Literal question**

What is the name of the organization?

**Interviewer instructions**

Ask the name of the organization he/she belongs.

## Type of Benefits (TypeofBenefits)

### File: Block M. Other Information (for cassava only)

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 0-1234

Valid cases: 450  
Invalid: 0

#### Literal question

What were the benefit/s received from the organization?

## Region (Region)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 5-15	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Region

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Province (Prov)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-66	

#### Source of information

Philippine Standard Geographic Code (PSGC)

#### Literal question

Provinces

#### Interviewer instructions

Write legibly on the spaces provided the name of region, province, city/municipality and barangay.

## Farm Identification Code (ID)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

Farm Identification Code

## Plans (Plans)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

## Plans (Plans)

### File: Block N. Plans and Recommendations

What is your plan regarding cassava farm operation?

#### Interviewer instructions

Ask the plan of the sample farmer/operator. If plan is not mentioned on the choices given, specify on the space provided.

## Specify (Specify)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete

Valid cases: 450

Format: character

Invalid: 0

Width: 60

#### Literal question

What is your plan regarding cassava farm operation?

#### Interviewer instructions

If plan is not mentioned on the choices given, specify on the space provided.

## Price support (Pricesupport)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete

Valid cases: 450

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

#### Literal question

What are your recommendations in order to improve your cassava production?

#### Interviewer instructions

Encircle code/s or specify if necessary.

## Improve irrigation services (Improveirrigationservices)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete

Valid cases: 450

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

#### Literal question

What are your recommendations in order to improve your cassava production?

#### Interviewer instructions

Encircle code/s or specify if necessary.

## Infrastructure facilities (Infrastructurefacilities)

### File: Block N. Plans and Recommendations

#### Overview

## Infrastructure facilities (Infrastructurefacilities)

## File: Block N. Plans and Recommendations

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

**Literal question**

What are your recommendations in order to improve your cassava production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

## Regulate price of farm inputs (Regulatepriceoffarminputs)

## File: Block N. Plans and Recommendations

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

**Literal question**

What are your recommendations in order to improve your cassava production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

## Financial support (Financialsupport)

## File: Block N. Plans and Recommendations

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

**Literal question**

What are your recommendations in order to improve your cassava production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

## Soil testing/ analysis (Soiltestinganalysis)

## File: Block N. Plans and Recommendations

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 450  
 Invalid: 0

**Literal question**

What are your recommendations in order to improve your cassava production?

**Interviewer instructions**

Encircle code/s or specify if necessary.

## Land Reform Program (LandReformProgram)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

What are your recommendations in order to improve your cassava production?

#### Interviewer instructions

Encircle code/s or specify if necessary.

## Environmental concern (e.g, disposal, erosion)

### (Environmentalconcerne.gw)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

What are your recommendations in order to improve your cassava production?

#### Interviewer instructions

Encircle code/s or specify if necessary.

## New/ modern farming technologies (Newmodernfarmingtechnolog)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	

#### Literal question

What are your recommendations in order to improve your cassava production?

#### Interviewer instructions

Encircle code/s or specify if necessary.

## Others (Others)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete	Valid cases: 450
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

#### Literal question

What are your recommendations in order to improve your cassava production?

#### Interviewer instructions

## Others (Others)

### File: Block N. Plans and Recommendations

Encircle code/s or specify if necessary.

## Others Text (OthersTxt)

### File: Block N. Plans and Recommendations

#### Overview

Type: Discrete  
Format: character  
Width: 63

Valid cases: 450  
Invalid: 0

#### Literal question

What are your recommendations in order to improve your cassava production?

# Documentation

## Questionnaires

### 2014 SURVEY ON COSTS AND RETURNS OF CASSAVA PRODUCTION

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Title	2014 SURVEY ON COSTS AND RETURNS OF CASSAVA PRODUCTION
Author(s)	Philippine Statistics Authority
Date	2014-03-01
Country	Philippines
Language	English
Publisher(s)	Philippine Statistics Authority
Description	<p>The questionnaire on Survey on Costs and Returns of Cassava Production is a 10-page survey instrument covering 15 blocks, namely:</p> <ul style="list-style-type: none"> <li>Block A. Geographic Information</li> <li>Block B. Sample Identification</li> <li>Block C. Basic Characteristics of the Farm</li> <li>Block D. Farm Investments (owned and used in focus parcel)</li> <li>Block E. Material Inputs (used in focus parcel)</li> <li>Block F. Labor Inputs (in focus parcel)</li> <li>Block G. Other Production Costs (in focus parcel)</li> <li>Block H. Production and Disposition (in focus parcel)</li> <li>Block I. Production Related Information (in focus parcel)</li> <li>Block J. Marketing Related Information (in focus parcel)</li> <li>Block K. Access to Credit (in focus parcel)</li> <li>Block L. Farmer's Participation in Cassava Programs/Projects</li> <li>Block M. Other Information (for cassava only)</li> <li>Block N. Plans and Recommendations</li> <li>Block O. Interview/Survey Particulars</li> </ul>
Filename	CRS Cassava_Questionnaire.pdf

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## Technical documents

### Manual of Operations- 2014 Costs and Returns Survey of Cassava Production

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Title	Manual of Operations- 2014 Costs and Returns Survey of Cassava Production
Author(s)	Philippine Statistics Authority
Date	2014-03-01
Country	Philippines
Language	English
Publisher(s)	Philippine Statistics Authority
Description	<p>It contains specific instructions to be followed in accomplishing the questionnaires used for the CRS of cassava. The manual also incorporates the rationale, objectives, coverage of the survey and the sampling frame, design and sample selection procedure. Attached in the manual of operations are the reference materials needed for the survey operations such as the questionnaire and other related forms.</p>
Filename	CRS Cassava_Manops.pdf

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### Editing Guidelines- 2014 Costs and Returns Survey of Cassava Production

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Title Editing Guidelines- 2014 Costs and Returns Survey of Cassava Production  
 Author(s) Philippine Statistics Authority  
 Date 2014-03-01  
 Country Philippines  
 Language English  
 Publisher(s) Philippine Statistics Authority  
 Description The guidelines aimed at improving the quality of the data collected by the hired field enumerators. This document serves as a guide in checking manually the responses to the Cost and Returns questionnaire in terms of acceptability, consistency with other data items, data ranges, validity and completeness.  
 Filename CRS Cassava\_Editing Guidelines.pdf

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## Data Processing Manual- 2014 Costs and Returns Survey of Cassava Production

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Title Data Processing Manual- 2014 Costs and Returns Survey of Cassava Production  
 Author(s) Philippine Statistics Authority  
 Date 2014-04-01  
 Country Philippines  
 Language English  
 Publisher(s) Philippine Statistics Authority  
 Description The data processing manual aims to provide the users, particularly the Provincial Processing Officers (PPOs), with detailed instructions on how to use the customized data processing system for the 2014 Costs and Returns Survey of Cassava Production. Specifically, this manual aims to provide detailed procedures for the data encoding activity, data review and cleaning of the microdata files and generation of data tables.  
 Filename CRS Cassava\_DPP Manops.pdf

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## Other materials

### 2014 Costs and Returns of Cassava Production

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Title 2014 Costs and Returns of Cassava Production  
 Author(s) Philippine Statistics Authority  
 Date 2014-10-01  
 Country Philippines  
 Language English  
 Publisher(s) Philippine Statistics Authority  
 Description The costs and returns data contained in the report are presented by province. The report includes other socio-economic variables related to cassava production.  
 Filename CRS Cassava\_Final Report.pdf

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