



AGRICULTURAL CENSUS 2019

Form 2: Particulars of Agriculture Household, Holding and Holding Activities

SECTION A. IDENTIFICATION LOCALIZATION

(Codes for Items 1.1 to 1.6 will be auto transferred from Form-1 in CAPI data collection)

1. Holding Location (Identification)	Name	Code
1.1 Municipality (District)		
1.2 Sub-Municipality(sub-district)		
1.3 Suco (Village)		
1.4 Enumeration area(EA)		
1.5 Sector(Rural/Urban)		
1.6 Agriculture household/institution serial number		
1.7 GPS Coordinate	This will be recorded for all households.	

2. Type of Holding: (Enter Code)

Household Sector

1. Individual (single operator or operators belong to same HH)
2. Joint (operators belong to different HHs)

Non-HH Sector (Institution)

3. Corporation (eg. company);
4. Cooperative (eg. society);
5. Government;
6. Religious institution/Non Profit Institution (eg. Church, trust)

If code is 1 or 2 then go to A3
otherwise go to A4

2.1 If code 1 or 2 (household holding) in Item 2, sex of holder (1-Male, 2-Female)

3. Holding Headquarter & Respondent Information (In case of Household)

3.1 House Number & Address	
3.2 Name of Head of Household	
3.3 ID Number of Head of Household	
3.4 Name of Respondent	
3.5 Mobile Number of Respondent	

4. Holding Headquarter & Respondent Information (In case of Institution)

4.1 Institution Registration Number(if any) & Office Address	
4.2 Name of Hired Manager or Authorized Person	
4.3 ID Number of Hired Manager or Authorized Person	
4.4 Name of Respondent	
4.5 Mobile Number of Respondent	

SECTION B. HOUSEHOLD MEMBERSHIP DEMOGRAPHIC AND ECONOMIC INFORMATION [Not for Institution]

1. How many members who usually live in this Household

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2. Details of Members, who usually live in this household

Sr. No.	Name	Sex (Code) 1. Male 2. Female	Age (Completed yrs.)	Relation to Head (Code)	Marital Status (Code)	Education (Code))	For Household members 10 years old and over		
							Status of Main Economic Activity (Code)	If Code 1-4 in Col 8,	
								Industry (Code)	Occupation (Code)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1									
2									
3									
4									
5									
6									

Relation to Head:
1-Head/Self;
2-Spouse;
3-Biological-born son or daughter;
4-Adopted-son or daughter;
5-Brother/sister;
6-Grandchild;
7-Parents of head;
8- Parents of spouse;
9-Child of spouse (step child);
10-Daughter in law or Son in law;
11-Nephew or Niece;
12-Other relations;
13-No relation.

Marital Status:
1-Married or live together;
2- Divorced or Separated;
3-Widow;
4-Single or Never Married.

Education:
1-Pre-school/kindergarten;
2-Primary;
3-Pre-Secondary;
4-Secondary;
5-Diploma;
6- University;
7-No Schooling;
9-Do not know

St Status Of Main Economic Activity:
1. Employer
2. Employee
3. Self-Employed/Own-Account Worker
4. Unpaid Family Worker/Contributing Family Worker
5. Unemployed/Looking For Work
6. Homemaker/Housewife
7. Student (Full Time)
8. Retired
9. Disabled
10. Others (specify)

ISIC Rev.4

011 Growing of non-perennial crops

012 Growing of perennial crops

013 Plant propagation: It includes: Growing of plants for planting; Growing of plants for ornamental purposes, including turf for transplanting; Growing of live plants for bulbs, tubers and roots, cuttings and slips, mushroom spawn; Operation of tree nurseries, except forest tree nurseries

014 Animal production

015 Mixed farming

016 Support activities to agriculture and post-harvest crop activities

017 Hunting, trapping and related service activities

This class includes: hunting and trapping on a commercial basis; taking of animals (dead or alive) for food, fur, skin, or for use in research, in zoos or as

Pets; production of fur skins, reptile or bird skins from hunting or trapping activities; land-based catching of sea mammals such as walrus and seal

021 Silviculture and other forestry activities

022 Logging (This class includes: production of round wood for forest-based manufacturing industries; production of round wood used in an unprocessed form such as pit-props, fence posts and utility poles; gathering and production of fire wood; production of charcoal in the forest (using traditional methods))

023 Gathering of non-wood forest products

024 Support services to forestry

031 Fishing (This includes: Marine fishing and Freshwater fishing)

032 Aquaculture (This includes: Marine aquaculture & Freshwater aquaculture)

099 Others

Occupation Codes:

Market Gardeners and Crop Growers

- 6111 - Field Crop and Vegetable Growers
- 6112 - Tree and Shrub Crop Growers
- 6113 - Gardeners; Horticultural and Nursery Growers
- 6114 - Mixed Crop Growers

Animal Producers

- 6121 -Livestock and Dairy Producers
- 6122 -Poultry Producers
- 6123 -Apiarists and Seri-culturists

Mixed Crop and Animal Producers

- 6130 - Mixed Crop and Animal Producers

Market-oriented Skilled Forestry, Fishery and Hunting Workers

Forestry and Related Workers

- 6210 -Forestry and Related Workers

Fishery Workers, Hunters and rappers

Subsistence Farmers6221 - Aquaculture Workers

- 6222 Inland and Coastal Waters Fishery Workers
- 6223 - Deep-sea Fishery Workers
- 6224 - Hunters and Trappers

Fishers, Hunters and Gatherers

Subsistence Crop Farmers

- 6310 -Subsistence Crop Farmers

Subsistence Livestock Farmers

- 6320 -Subsistence Livestock Farmers
- 633 -Subsistence Mixed Crop and Livestock Farmers
- 6330 -Subsistence Mixed Crop and Livestock Farmers
- 9999 - Other occupations not mentioned above.

SECTION C. INFORMATION ON THE INVOLVEMENT OF HOUSEHOLDS IN AGRICULTURE AND/OR SUBSECTORS ACTIVITIES

1. During the last 12 months, did you or any member of your household engage in any of the following sub-sector activity(ies) in own account? *[Including backyard agriculture irrespective of size criteria for area; number and age of animals and poultry birds]*

(accepts multiple entries)

Name	Sub-Sector	1. Yes	2. No	
	1. Crop cultivation			<input type="checkbox"/>
	2. Livestock & Poultry			<input type="checkbox"/>
	3. Fishery			<input type="checkbox"/>
	4. Aquaculture			<input type="checkbox"/>

Remark: Blocks related to the sub-sector(s) with code 1 will be visible only for further fillings and rest will be hided.

2. During the last 12 months, did you or any member of your household own or manage any land for agricultural use?

1. Yes	2. No	<input type="checkbox"/>
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3. How many parcels of land this household or institution own/manage?

4. Details of parcels

Parcel Sr. No.	Location of parcels						GPS Coordin ates	What is the Land Tenure of the parcel	What is the Approx. Area of the parcel (Unit)	Relation to Head, (who own/leas ed in this parcel)	What is the Land use of this parcel								GPS Measur ed area of this parcel (unit),
	Municipiu		Postu Adm.		Suco						(Area in) (To be measured or estimated)								
	Name	Code	Name	Code	Name	Code	For sample households only	Code		Code	Temporary crops	Permane nt crops	Tempor arily fallow	Tempora ry meadows and pastures	Permanent meadows and pastures	Farm building and farmyards	aquacul ture	Other area n.e.c.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
								Total Area											

Col (9): Land tenure:

1-Own with certificate from Portuguese; 3-Own with other numero referensia or certificate;
 2-Own with certificate from Indonesia; 4- Own without certificate;
 5-Communal land; 6-Lease in; 7-Otherwise (Squatter) operated

***Land tenure: if code is 6 (i.e. Lease in) then C4.1 question pop-up**

4.1: What is the term of leasing (*enter code*)

- 1- Share of the produce/revenue;
- 2- Agreed sum of money
- 3-Agreed sum of produce;
- 4-Rent free; 9-Other

5. Provide the details of permanent (perennial) and/or temporary (annual) and/or forestry tree in which you or any member of your household were engaged during the last 12 months

Parcel Sr.No.	Name of crops and/or trees	Crop Code	Method of Planting 1-Compact 2-Line 3-Scatter	Type of Planting 1-Monoculture 2-Mixed 3-Scattered	Area (0.000Ha)		No. of trees/plants	Remarks
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
1.	Permanent (perennial) crops including Horticulture & Timber trees				Abso	Frac		
1.1.								
1.2.								
2.	Temporary(annual) crops							
2.1								
2.2								
3.	Other trees							
Total area								

*Area: in case of mixed cropping: either mention apportion ate area or mention total area under major crop and none under minor crop with appropriate remark in remark column.

6. Type of tillage practice

6.1. During the last 12 months, what type of tillage practice used on this holding?

- 1-Conventional tillage (involves turning over of the soil over the whole area using tillage tools/equipment);
- 2-Conservation(low) tillage (involves tillage practices that leaves plant residues at least 30-35% on the soil surface);
- 3-Zero/No tillage.

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6.2. During the last 12 months, what source of power used for tillage on this holding?

- 1-Animal power;
- 2-Machine power;
- 3-Mannual power

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7. Agriculture Production storage

7.1. During the last 12 months, did you store substantial quantity of agricultural produce grown during the last 12 months ?

1. Yes→ Continue to fill in; 2. No → Go to **SECTION D**

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7.2. Product-wise details of store quantity, duration, purpose and storage facility

Name Of Crops & Trees	Code	Name Of Production	Quantity (in 0.00 Kg.)	Duration 1-Short (less than 3 month); 2-Medium (3-6 months); 3-Long (more than 6 months).	Purpose of storage 1-Own consumption; 2- Good price; 3-seed; 9-other	Storage facility 1-Sack; 2-Drumps; 3-Silo; 4- Webbing; 5-Storing on Top of the tree; 6-Regfrigator or Freezers; 7- Warehouse; 9- Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)

SECTION D. IRRIGATION

1. During the last 12 months, did the household irrigate any crop/plant grown during the last 12 months in his/her holding any time?

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1. Yes → **Continue to fill in;** 2. No → **Go to Section E**

2. During last 12 months, what was the main source of irrigation water for this holding?

- | | |
|---|--------------------------------------|
| 1. Surface water; | 2. Underground water; |
| 3. Mixed surface and underground water; | 4. Municipal/Government water supply |
| 9. Other | |

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3. During last 12 months, what was the main method of irrigation for this holding?

- | | |
|-----------------------------|---------------------------------------|
| 1- Natural flow irrigation; | 2- Channel irrigation; |
| 3-Irrigation by pump; | 4- Manually by using hose/bucket etc; |
| 5- Sprinkler irrigation; | 6- Drip irrigation; |
| 9-Other | |

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4. During last 12 months, what was the main payment term for irrigation water for this holding

- | | |
|--|---|
| 1- own water; Taken/supplied by other: | 2-free of charge; |
| 3- Paid based on area of land irrigated; | 4- Paid based on volume of water taken; |
| 9-Other | |

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SECTION E. AGRICULTURAL PRACTICES

1. Use of fertilizers

1.1. During the last 12 months, did you use fertilizer for the crops/plants that were grown during the last 12 months in this holding?

1. Yes → **Continue to fill in;** 2. No → **Go to E.2**

1. Yes → **Continue to fill in;** 2. No → **Go to E.2**

1.2. Crop-wise details of fertilizer used

[illegible]

2. Use of Plant protection practices

2.1. During the last 12 months, did you used plant protection practices for the crops/plants that were grown during the last 12 months in this holding? ☐

1. Yes → **Continue to fill in;** 2. No → **Go to E.3**

2.2. Crop-wise details of plant protection practices used

[illegible]

3. Use of seed/planting material and their sources

3.1. Crop-wise details of seed/planting material used for the cops/plants grown during the last 12 months and their sources

1. Yes → Continue to fill in; 2. No → Go to E3.3

1. Yes → Continue to fill in; 2. No → Go to E3.3

3.2. Crop-wise details seed/planting material used and their sources

[illegible]

3.3	Other Agricultural practices [Not to be collected for Institutions] During the last 12 months,	
3.3.1	Did any member of your household grow plants/trees in your nursery? (Yes: 1- for own plantation, 2- for own plantation and sale, 3- for sale only; 4-No)	
3.3.2	Did any member of your household collect fire-wood/chips from forest land? (1-Yes, 2-No)	
3.3.3	Did any member of your household collect wild animals/birds from forest land? (1-Yes, 2-No)	
3.3.4	Did any member of your household engage in re-forestation activity? (1-Yes, 2-No)	

SECTION F. INFORMATION ON THE INVOLVEMENT OF HOUSEHOLDS IN LIVESTOCK

1. Provide the details of how many livestock and/or poultry you or any member of your household having (own or manage) on this day?

Species			Code	Number
(1)	(2)	(3)	(4)	(5)
I.	Large Livestock			
1.1.	Total Buffaloes (Karau Timur)		110	
	1.1.1.	Male Buffaloes	111	
	1.1.2.	Female Buffaloes	112	
1.2.	Total Cow (Karau Vaka)		120	
	1.2.1.	Male Cow	121	
	1.2.2.	Female Cow	122	
1.3.	Total Dairy Cow (Karau Vaka Susuben)		130	
	1.3.1.	Male Dairy Cow	131	
	1.3.2.	Female Dairy Cow	132	
1.4.	Total Horse (Kuda)		140	
	1.4.1.	Male Horse	141	
	1.4.2.	Female Horse	142	

Species			Code	Number
II	Small Livestock			
(1)	(2)	(3)	(4)	(5)
2.1.	Total Goat (Bibi Timur)		210	
	2.1.1.	Male Goat	211	
	2.1.2.	Female Goat	212	
2.2.	Total Sheep (Bibi Malae)		220	
	2.3.1.	Male Sheep	221	
	2.3.2.	Female Sheep	222	
2.3.	Total Dairy Sheep		230	
		Male Dairy Sheep	231	
		Female Dairy Sheep	232	
2.4.	Total Pig (Fahi)		240	
	2.4.1.	Male Pig	241	
	2.4.2.	Female Pig	242	
2.5	Total Rabbit		250	
		Male Rabbit	251	
		Female Rabbit	252	

Species			Code	Number
III	Poultry			
(1)	(2)	(3)	(4)	(5)
3.1.	Total Chicken (Manu Lokal)		310	
3.2.	Total Boiler (Manu Rasa Na'an / Broiler)		320	
3.3.	Total Layer (Manu Rasa Tolun / Layer)		330	
3.4.	Total Duck (Manu Rade)		340	
3.5	IV	Total Other Livestock: Specify (.....)	350	

2. During the last 12 months, details of disposal of Livestock and Poultry

1. Yes → Continue to fill in; 2. No → Go to F.3

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2.1. Detail of Animal Disposal

Livestock & Poultry	Code (from Section F.1)	Number of new born	Livestock received		Number of livestock bought	Number of disposed					
			Number	Main source (code)		Sold Alive	Slaughtered for consumption or sale as meat	Lost	Died	Given away as gift, donation etc.	other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)

Code for Col (5) - Main source : 1- Government, 2- NGO, 3- Relatives, 4- Others

3. Veterinary Services

3.1. During the last 12 months, did this holding used any of the veterinary services?

1. ; Yes→ **Continue to fill in** 2. No →**Go to SECTION G**

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3.2. Details of veterinary services

Livestock & Poultry	code	Types of Veterinary service (enter code)	Source (enter code)
		1-Vaccination; 2-Artificail Insemination; 3-Castration; 4-Treatment of sickness	1. Government agency 2. Private agency/person; 3. NGO; 9- Other
(1)	(2)	(3)	(4)

SECTION G. INFORMATION ON THE INVOLVEMENT OF HOUSEHOLDS IN FISHERIES & AQUACULTURE

1. How frequently the member(s) of your household were engaged in fishing activity during last 12 months? (1- Few days, 2 Few weeks, 3- Few months, 4- More or less regularly)

2. During the last 12 months, what was the average monthly catch and/or production and/or collection and values of the followings:

Sr. No.	Type of product/ species harvested	Code	Quantity (catch/production /collection) (Kg.)	Value (in \$)	If sold, main market of sale (1-super market, 2-local market in bulk, 3-retail sale otherwise)
(1)	(2)	(3)	(4)	(5)	(6)
1					
2					
3					
4					

Species harvested code: 1- Sardine, 2-Mackerels Tuna , 3-Chub mackerels, 4- Tuna, 5- Skipjack tuna, 6- Spanish mackerels, 7- Indo-Pacific sailfish, 8- Koku, 9- Barracuda, 10- Samber, 11- Flying fish, 12- Northern red snapper, 13- Tiger Grouper , 14- Kafir, 15- Niru, 16- Banyar Mean, 19- others.

3. What type of vessel used by this holding for fishing?

(1-Motorized vessel owned solely by HH; 2- Motorized vessel jointly owned by different HHs; 3- Motorized vessel lent from others; 4-Non-motorized vessel owned solely by HH; 5-Non-motorized vessel jointly owned by different HHs; 6-Non-motorized vessel lent from others; 7-No vessel used.)

4. What was the main purpose of your household fishing activity?

(1-Home consumption and Social Obligation, 2-Home consumption and occasional sale, 3-Mainly for sale)

5. What is your main time of fishing? (1-Day, 2-Night, 3-Day and Night)

6. What is your main season of fishing? (1-Dry season, 2-Wetseason, 3- All seasons)

7. How frequently the member(s) of your household were engaged in aquaculture activity during last 12 months? (1- Few days, 2 Few weeks, 3- Few months, 4- More or less regularly)

7.1 Detailed characteristics of the aquaculture activity holding during the last 12 months

Aquaculture Serial Number	Type of Aquaculture Activity (enter the code; see below)	What is the actual area used in the aquaculture activity? (enter in 0.000 Ha.)	Type of water used 1- Marine water, 2- Brackish-water, 3- Freshwater (enter code)	Type of Production Facility during the last 12 months (enter the code)	Main species that was cultured during the last 12 months (enter the code)
(1)	(2)	(3)	(4)	(5)	(6)
Codes for column 2		Codes for column 5	Codes for column 6		
1 – pond culture	6 – other, specify	1 – pond	1-fish (catfish, tilapia, carp, snakehead, grouper, sea-perch, trout, eel, etc),	5- crocodile	
2 – pen culture		2 - pen	2- shrimp/prawn	6- seaweeds	
3 – cage culture		3 – cage	3- crab	7- other species, specify	
4 – rice-cum-fish culture		4 – paddy field	4- frog		
5 – hatchery/nursery		5 – culvert/tank/drum/ aquarium			

SECTION H. USE OF MACHINERY AND EQUIPMENT -1

1 . Details of Machinery and Equipment used and/or owned on this holding.

Type of Machinery & Equipment	Code	Used in the past 12 months (enter code) 1-Yes; 2-No	Source (enter code) 1-Owned, 2-Private hired, 3-Government provided, 9-Other	Stock owned by this holding at the time of visit (Number)
(1)	(2)	(3)	(4)	(5)
Agriculture				
Rice milling machine	101			
Rice threshing machine	102			
Corn Milling Machine	103			
Corn threshing Machine	104			
Rice planting machinery	105			
Rice harvesting machinery	106			
Coffee bean peeler processing machinery	107			
Coconut processing machinery	108			
Hand tractor	109			
Mini tractor	110			
Medium tractor	111			
Hand Sprayer	112			
Hoe	113			
Crowbar	114			
Shovel	115			
Plant sprinkler	116			
Sickle	117			
Hose	118			
Livestock				
Makina halo aihan ba Animal	201			
Fatin fo han manu	202			

SECTION H. USE OF MACHINERY AND EQUIPMENT 2

(1)	(2)	(3)	(4)	(5)
Fishing & Aquiculture				
Aluminum boat	301			
Fiber boat	302			
Wood boat	303			
Yamaha Outboard	304			
Johnson Outboard	305			
Ketinting Outboard	306			
Gill Net	307			
Trammel Net	308			
Redi tipu Redi serku	309			
Redi tipu Nilo	310			
Fish aggregating device	311			
Armadilha/bubu	312			
Stick Fish	313			
Kilat	314			
Tali senar	315			
Car	316			
Horse	317			
Cart	318			
Laying machine	319			
Generator	320			
Other	321			
Transport				
Motor Bike	401			
Kareta	402			
Kuda	403			
Gerobak	404			
Energy				
Makina fera manu tolu	501			
Gerador	502			
Others (Specify)	901			

SECTION I. LABOUR (OTHER THAN HH MEMBERS)

1. During the last 12 months, did you hire labour for crop cultivation and/or raising livestock and/or forestry and/or fishing and/or aquaculture activities?

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1. Yes → Continue to fill in; 2. No → Go to SECTION J

2. Details of hired Labour

	Male			Female		
	Full time	Part time	Occasional	Full time	Part time	Occasional
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Number of hired worker						
Average Number of days worked						
Average hour worked per day						

3. During last 12 months, what was the main form of payment to hired labour?

- 1-In cash;
- 2-In farm produce;
- 3-Exchange of labour;
- 4-Other forms of in-kind payment

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SECTION J. INCOME/REVENUE OF ALL SECTORS

1. During last 12 months, purpose of production, destination of sales and value of sales by all HH members put together

Types	*Purpose of production (enter code)	**Destination of sales (If sales) (enter code)	If sold, Value of sales in \$
(1)	(2)	(3)	(4)
1. Temporary Crops			
2. Permanent Crops			
3. Large head and small head Livestock			
4. Poultry			
5. Fish and/or aquaculture related products			
Total Value (in \$)			

***Purpose of production (code):** 1-Only for sale; 2- Mainly for sale with some own consumption; 3-Mainly for own consumption with some sale; 4-Only for own consumption

****Destination of Sales (code):** 1-Intermediate person/Middle man; 2-Local market; 3-Super market; 4-Government outlet; 5-Export; 6-not yet sold; 9-Other.

SECTION K. INFORMATION ON THE INVOLVEMENT OF HOUSEHOLDS IN OTHER SECTOR FOR INCOME

1. During last 12 months, did you or any member of your household engage in any of the below listed activities for income?

Handicraft/Handloom activities (Products made by hand, mostly using simple tools):

1. Homan (eg. bote, ai-sar, biti, nst);
2. Semi-finished/Finished products (eg. Making thread, clothing materials, curtains, carpet etc.);
3. Making artistic products (eg. paper products, carving, paintings etc.)
4. Other handicraft/handloom activity, specify.....

Micro/Small/Medium business (Not in agriculture):

5. Manufacturing of brick, garments etc.
6. Trading such as selling grocery, recharge coupon;
7. Services like micro lending;
8. Food business like processing, preserving, cooking and selling etc.;
9. Not engaged in any of above activities

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SECTION L. CLOSING INTERVIEW

Date Finished Interview	Day/Month/Year	

Thanks For Your Participation in TLAC18