



2012 CENSUS OF AGRICULTURE AND FISHERIES

AQUACULTURE ESTABLISHMENT

Dear Sir/Madam:

The National Statistics Office (NSO) is conducting the 2012 Census of Agriculture and Fisheries (CAF) nationwide. The 2012 CAF covers both the households and establishments engaged in the agriculture and fishing sector. It aims to provide, among others, information on the characteristics of establishments in this sector that will constitute the bases for which policymakers and planners formulate their plans and programs for the socio-economic development of the country. The 2012 CAF for establishments is a rider to the 2012 Census of Philippine Business and Industry.

This Office is authorized to collect information from businesses and industries under the **Commonwealth Act 591 (CA 591)**. The information collected shall be kept strictly confidential and shall not be used for purposes of taxation, investigation or regulation under *Section 4 of CA 591*.

We appreciate your utmost cooperation by accomplishing this questionnaire.

Thank you very much.

CARMELITA N. ERICTA
Administrator

For inquiries please contact:

Telephone Number: _____

E-mail Address: _____

or CAF_CPS@census.gov.ph

Booklet _____ of _____ Booklets for this Establishment

FOR NSO USE ONLY											
PROVINCE		CITY/MUN		BARANGAY			INDUSTRY				
							A				
ESTABLISHMENT CONTROL NUMBER (ECN)											

GENERAL INSTRUCTIONS

- Provide best estimates if exact figures are not available in your records. Indicate N.A. for items not applicable
- Refer to the concepts and definition of terms on page 5 and relevant instructions when providing responses for each item.
- Mark (X) only **one box**, unless instructed otherwise.
- Use another CAF Form 26 if there are more than six (6) aquafarms in Section B.

SECTION A. GENERAL INFORMATION ABOUT THE ESTABLISHMENT**A1. Business and Registered Name in 2012, Business Address, Company Website and Tax Identification Number (TIN)**

- A. Business Name** _____
- B. Registered Name** _____
- C. Business Address** _____
- D. Company Website** _____
- E. TIN** _____

A2. Economic Activity or Business in 2012

Describe in detail the main and other activities of this establishment.

A.2.1. Main Activity *(Refers to the activity that contributes the biggest or major portion of the gross income or revenue of this establishment)*

Do Not Fill (For NSO Use Only)						
2009 PSIC						

A.2.1.1. Major products/goods produced or sold and/or type of service rendered *(Specify)*

A.2.2. Secondary/Other Activities *(Refer to activities carried out by this establishment in addition to the main activity and in which the output, like that of the main activity, must be suitable for delivery outside this establishment.)*

Do Not Fill (For NSO Use Only)						
2009 PSIC						

A3. Legal Organization in 2012

Mark (X) the box corresponding to the best description of this establishment.

☐ 1 Single Proprietorship

☐ 4 Cooperative

☐ 7 Others,
Specify: _____

☐ 2 Partnership

☐ 5 Private Institution (Non-stock, Non-Profit Corporation)

☐ 3 Corporation (Stock Corporation)

☐ 6 Government Corporation/ Institution

Continued on Page 3

SECTION B. CHARACTERISTICS OF THE AQUACULTURE**B1. Number of aquafarms used in raising/farming (culturing) of aquatic products from January to December 2012.***Write the total number of aquafarms in the boxes provided.*

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A Q U A F A R M N U M B E R	B2. Type of aquafarm being operated by the establishment	B3. Location of aquafarm					
	1 – Fishpond 2 – Fish Pen 3 – Fish Cage 4 – Seaweed Farm 5 – Oyster Farm 6 – Mussel Farm <i>Write the answer in the space provided and corresponding code in the box provided.</i>	7 – Fish Tanks 8 – Hatchery 9 – Others, Specify	<i>Write the name of the province, city/municipality and barangay in the space provided in the corresponding columns. Leave the boxes blank.</i>	Province	City/Municipality	Barangay	
(1)	(2)	(3)	(4)	(5)			
1	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>
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6	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <div style="border-bottom: 1px solid black; width: 100px; margin-top: 5px;"></div>

If there are more than six (6) aquafarms used by the establishment, write "1" for YES and use additional CAF Form 26 or "2" for NO in the box provided.

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Continued on Page 4

SECTION B. CHARACTERISTICS OF THE AQUACULTURE (continued)

B4. Area devoted to the aquafarm <i>Fill out only if answer in B2 is code 1 to 6</i> <i>Write the area <u>in hectares</u> up to three (3) decimal places</i>	B5. Total volume of the fish tank or hatchery <i>Fill out only if answer in B2 is code 7 or 8</i> <i>Write the volume <u>in cubic meters</u> up to three (3) decimal places</i>	B6. Type of water environment in the aquafarm 1 – Fresh Water 2 – Brackish Water 3 – Marine Water <i>Write X in the box corresponding to the answer</i>	B7. Species cultured in the aquafarm Type of Species <i>Write the name of species cultured in the space provided</i>	CODE DO NOT FILL	A Q U A F A R M N U M B E R
(9)	(10)	(11)	(12)	(13)	
_____ . _____	_____ . _____	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	_____ _____ _____ _____	_____ _____ _____ _____	1
_____ . _____	_____ . _____	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	_____ _____ _____ _____	_____ _____ _____ _____	2
_____ . _____	_____ . _____	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	_____ _____ _____ _____	_____ _____ _____ _____	3
_____ . _____	_____ . _____	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	_____ _____ _____ _____	_____ _____ _____ _____	4
_____ . _____	_____ . _____	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	_____ _____ _____ _____	_____ _____ _____ _____	5
_____ . _____	_____ . _____	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	_____ _____ _____ _____	_____ _____ _____ _____	6

Continued on Page 5

CONCEPTS AND DEFINITION OF TERMS

Aquafarm is a farming facility used in the culture or propagation of aquatic species such as fish, crustaceans, mollusks, and aquatic plants like seaweeds. In determining the number of aquafarms, a land-based aquafarm is considered one same farm when it is on a contiguous piece of land. Contiguous means that the piece of land is not separated by natural or man-made boundaries such as road, river, and canal that are not part of the holding/land. For aquafarms operated in open bodies of water such as fish pen, fish cage, seaweed farm, mussel farm, and oyster farm, consider the aquafarm as one farm if it is of the same type, located in the same barangay and have the same water environment.

Types of Aquafarm:

1. Fishpond refers to a body of water (artificial or natural) where fish and other aquatic products are cultured, raised or cultivated under controlled conditions. This is a land-based type of aquafarm. Species usually cultured in fishponds are **milkfish (bangus)**, **tilapia**, **hito**, **carp**, **grouper (lapu-lapu)**, **siganid (samaral)**, **sea bass (apahap)**, **prawn (sugpo)**, **shrimp (hipon)**, **crab (alimango)**, and others.

2. Fish pen refers to a fish enclosure made of closely-woven bamboo screens, nylon screens or nets or other materials attached to poles staked at the bottom up to the surface of the lake, river or other shallow bodies of water for the purpose of growing and/or culturing of fish to various sizes in fresh, brackish and marine waters. A fish pen varies in shapes. Its enclosure covers the entire water depth from the water surface down to the bottom.

Note that fish corral (baklad) which is used for trapping fish in tidal waters or along the natural paths of fish is not considered fish pen. Both have similar features and materials used. The only difference is that a fish pen is a fish enclosure where fish from outside the enclosure cannot enter while a fish corral is constructed with openings to serve as fish trap. Species cultured in fish pens are **milkfish (bangus)**, **carp**, **tilapia**, **sea bass (apahap)** and others.

3. Fish cage refers to a stationary or floating fish enclosure made of synthetic net wire/bamboo screen or other materials set in the form of inverted mosquito net (hapa type) with or without cover with all sides either tied to poles staked to the bottom of the water or with anchored floats for aquaculture purposes. A fish cage is suitable in the culture of fish species that burrow into the lake bottom because it limits the fish inside the confines of the cage.

Species cultured in fish cages are **milkfish (bangus)**, **tilapia**, **carp**, **grouper (lapu-lapu)**, **siganid (samaral)**, **sea bass (apahap)** and others.

4. Seaweed farm refers to a farm for cultivating seaweeds in suitable water areas by any method with appropriate intensive care for production in commercial quantities. The culture of seaweeds may be carried out by tying them to stones, straw lines, nets and other instruments which are set in a manner that is elevated from the sea bottom to protect them from predators in the sea. Examples of varieties of seaweeds which can be cultured are **eucheuma (gozo)**, **gracilaria (gulaman dagat)**, **caulerpa (lato)**, and others. Gathering of seaweeds is not classified under aquaculture but in the gathering of aquatic products under fishing operation.

5. Oyster farm refers to a farm for cultivating oysters in suitable water areas by any method with appropriate intensive care for production purposes.

6. Mussel farm refers to a farm for cultivating mussels in suitable water areas by any method with appropriate intensive care for production purposes.

7. Fish tank is a land-based structure made of wood, glass, metal or cement, usually rectangular or cylindrical in shape designed to grow and culture fish for breeding and seed fish production. It may be constructed below or above the ground level and capable of holding and interchanging water.

8. Hatchery or "pangitluga" is an aquafarm where brood stock eggs are hatched and reared into fry in a body of water (artificial or natural) contained in tanks or ponds under controlled condition in fresh or saltwater environment.

9. Others (SPECIFY) includes aquafarms which cannot be classified in the aforementioned types of aquafarms. Examples are farms for culturing **pearl**, **cockles**, **abalone**, and others.

Water Environment:

1. Fresh water refers to water environment without salt or marine origin. It is pure freshwater, that is, no mixture of seawater. Examples are Laguna de Bay, Taal Lake, Candaba Swamps, Liguasan Marsh, and rivers, canals, dams, paddy and rice fields, lakes, ponds, and springs.

2. Brackish water refers to mixed seawater and fresh water environment with salinity of less than 30 parts per thousand (ppt) that varies with the tide. Examples are tidal flats, mangroves, swamps, and mouths of rivers, where seawater meets the fresh water.

3. Marine waters refers to seawater environment with a salinity ranging from 30 to 40 ppt consisting of ocean, bay, gulf and channels. Examples are Manila Bay, West Philippine Sea, and Albay Gulf.

CERTIFICATION

I hereby certify that this report has been completed as accurately as the records of this establishment allow and with the best estimates in some instances.

Name	Signature
Title/Designation	Date

Person in your establishment that we should contact if queries arise regarding this form:
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Name	Telephone no.
Title/Designation	Facsimile No.
Email Address	

FOR NSO USE ONLY (Do not fill)

Activity	Name	Signature	Designation	Date
Distributed by:				
Field Edited by:				
Edited/Coded by:				
Verified by:				

REMARKS/COMPUTATIONS
