

Philippines - Quarterly Aquaculture Survey 2015

Philippine Statistics Authority (PSA)

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Overview

Identification

ID NUMBER

PHL_2015_QAS_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The Quarterly Aquaculture Survey (QAS) is a quarterly survey that generates aquaculture production and area estimates. It investigates the actual level of production, area harvested and price for each species during the reference quarter of the current and previous year from the sample operators in the top producing municipalities. Fisheries outputs form part of the estimation for the performance of agriculture and eventually, of the National Accounts for the generation of Gross Value Added (GVA), Gross National Product (GNP) and Gross Domestic Product (GDP).

The survey aims to generate accurate and timely information on quarterly production, area and price by aquafarm type and species at the provincial level.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Enterprises

Scope

NOTES

The scope of the survey include production, area harvested and price by species of each aquafarm type. Data is collected during the current quarter and the same quarter of the previous year.

TOPICS

| Topic | Vocabulary | URI |
|--------------------------------------|------------|-----|
| Economic statistics/sectoral/fishery | fishery | |

Coverage

GEOGRAPHIC COVERAGE

National Coverage.

UNIVERSE

It covers aquaculture operations in 82 provinces of 17 aquaculture species in 13 aquafarm types/environments. The following are the aquafarm types and environments covered, however, it depends on which is available in the province:

- a. Brackish water and fresh water fishpond
- b. Brackish water, fresh water and marine pen and cage
- c. Oyster, mussel and seaweed
- d. Other fresh water aquafarms like rice fish, small farm reservoirs, etc.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

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

FUNDING

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

Metadata Production

METADATA PRODUCED BY

| Name | Abbreviation | Affiliation | Role |
|----------------------------------|--------------|-----------------------------------|----------------------------|
| Office of the Chief Statistician | OCS | Food and Agriculture Organization | Metadata adapted for FAM |
| Fisheries Statistics Division | FSD | Philippine Statistics Authority | Documentation of the study |

DDI DOCUMENT VERSION

PHL_2015_QAS_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_PHL_2015_QAS_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

The Quarterly Aquaculture Survey (QAS) is a non-probability survey. Sampling was done by aquafarm type in the province. By aquafarm type, top producing municipalities are those with cumulative share of at least 80% to total area based on Aquaculture Farms Inventory (AqFI).

For each municipality, eight (8) sample aquafarms are selected if the number of aquafarms in the municipality is more than 25. If the number of aquafarms is less than 25, five (5) sample aquafarms are selected. A total of 6662 sample aquafarms were covered nationwide.

Response Rate

Response rate for quarterly aquaculture survey is 73%. This accounted for farms in operation and those without harvest during the reference period.

Weighting

QAS is a non-probability survey. As such, no weighing procedure is applied.

Questionnaires

No content available

Data Collection

Data Collection Dates

| Start | End | Cycle |
|--------------|------------|--------------|
| 2015-03-16 | 2015-03-20 | Quarter 1 |
| 2015-06-15 | 2015-06-19 | Quarter 2 |
| 2015-09-14 | 2015-09-18 | Quarter 3 |
| 2015-11-23 | 2015-11-27 | Quarter 4 |

Data Collection Mode

Face-to-face paper [f2f]

Data Processing

Data Editing

Initially, the survey returns are manually edited to ensure completeness and accuracy. During this stage, survey returns are checked for completeness from the list of samples. For each of the questionnaires, entries should be complete and numeric entries are in proper unit of measurement and decimal places. After encoding, the entries are then again inspected and reviewed for completeness, accuracy and consistency with other items.

An Aquaculture Data Generation System (AquaDataGen) was developed using MS Excel 2013 for the data processing requirements of QAS. This system is decentralized in the provinces but regional and national summary can also be derived. The AquaDataGen has the facility for data entry, data review and validation.

Data Appraisal

No content available