

# Philippines - Quarterly Aquaculture Survey 2007

**Bureau of Agricultural Statistics**

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## Overview

### Identification

#### ID NUMBER

PHL\_2007\_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 asks for 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.

The Quarterly Aquaculture Surveys (QAS) aims to generate accurate and timely information on quarterly production, area and price by aquafarm type and species at the provincial level. Value of production and yield can also be derived.

#### KIND OF DATA

Sample survey data [ssd]

#### UNITS OF ANALYSIS

Enterprises

### Scope

#### NOTES

The data items in the survey forms are production, area harvested and price by species of each aquafarm type. The information are asked during the current quarter and the same quarter of the previous year.

### Coverage

#### GEOGRAPHIC COVERAGE

National Coverage

#### UNIVERSE

The survey covered all types of aquafarms.

### Producers and Sponsors

#### PRIMARY INVESTIGATOR(S)

| Name                              | Affiliation               |
|-----------------------------------|---------------------------|
| Bureau of Agricultural Statistics | Department of Agriculture |

#### FUNDING

| Name                                      | Abbreviation | Role  |
|---|--------------|---|
| Bureau of Fisheries and Aquatic Resources | BFAR         | Provides funds for the conduct of fisheries surveys |

#### OTHER ACKNOWLEDGEMENTS

| Name                                    | Affiliation | Role                      |
|---|-------------|---------------------------|
| National Statistical Coordination Board |             | Provides survey clearance |

## Metadata Production

### METADATA PRODUCED BY

| Name                         | Abbreviation | Affiliation                       | Role                       |
|------------------------------|--------------|-----------------------------------|----------------------------|
| Office of Chief Statistician | OCS          | Food and Agriculture Organization | Metadata adapted for FAM   |
| Reinelda P. Adriano          | RPA          | Bureau of Agricultural Statistics | Documentation of the study |

### DDI DOCUMENT VERSION

PHL\_2007\_QAS\_v01\_EN\_M\_v01\_A\_OCS\_v01

### DDI DOCUMENT ID

DDI\_PHL\_2007\_QAS\_v01\_EN\_M\_v01\_A\_OCS\_FAO

## Sampling

### Sampling Procedure

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The Quarterly Aquaculture Survey (QAS) is a non-probability survey. Sampling was done by aquafarm type in the province. The provinces were classified into three (3) categories according to production. The categories were; major producing province, minor producing province and very minor provinces.

For major provinces, top five (5) producing municipalities were chosen. From each of the top producing municipalities, five (5) sample aquafarms were selected. Thus, there were 25 sample aquafarms allocated for each major producing province. For minor producing provinces, 3 X 3 design was applied. Three (3) sample aquafarms were chosen from each of the three (3) top producing municipalities. A total of nine (9) sample aquafarms was allocated for each minor producing province. For very minor provinces, one (1) sample aquafarm was selected from each of the three (3) top producing municipalities. There were three (3) sample aquafarms from each very minor province.

Sample aquafarms from the sample municipalities were selected by the field staff of the Provincial Operations Center (POC) based on regularity of aquafarm operations and representation of species cultured within the municipality. A total of 1,970 sample aquafarms were covered nationwide.

### Weighting

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

## Questionnaires

No content available

## Data Collection

### Data Collection Dates

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| <b>Start</b> | <b>End</b> | <b>Cycle</b> |
|--------------|------------|--------------|
| 2007-03-21   | 2007-03-26 | Quarter 1    |
| 2007-06-21   | 2007-06-26 | Quarter 2    |
| 2007-09-21   | 2007-09-26 | Quarter 3    |
| 2007-12-01   | 2007-12-06 | Quarter 4    |

### Data Collection Mode

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Face-to-face paper [f2f]

## Data Processing

### Data Editing

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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 survey forms, 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 2003 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