

Philippines - Quarterly Aquaculture Survey 2007

Bureau of Agricultural Statistics

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Overview

Identification

ID NUMBER
PHL-BAS-QAqS-2007-v2.0

Version

VERSION DESCRIPTION
v2.0: edited at Central Office, not anonymized

PRODUCTION DATE
2009-08-31

Overview

ABSTRACT
RATIONALE

The Quarterly Aquaculture Survey (QAqS) 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.

OBJECTIVES

The Quarterly Aquaculture Surveys (QAqS) 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
An aquaculture production survey with aquafarm as the unit of analysis.

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
The survey is conducted in 81 provinces nationwide.

GEOGRAPHIC UNIT
Province is the domain of the study.

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
Reinelda P. Adriano	RPA	Bureau of Agricultural Statistics	Documenter

DATE OF METADATA PRODUCTION

2009-08-31

DDI DOCUMENT VERSION

Version 1.0

DDI DOCUMENT ID

DDI-PHL-BAS-QAqS-v1.0

Sampling

Sampling Procedure

The Quarterly Aquaculture Survey (QAqS) 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.

Response Rate

Response rate not available.

Weighting

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

Questionnaires

Overview

There were five (5) QAqS survey forms that were being used depending on the type of aquafarm. The data sets were the same for all the forms except for the section on species cultured applicable to the type of aquafarm.

- QAqS Form 1 - Fishpond
- QAqS Form 2 - Pen and Cage
- QAqS Form 3 - Oyster, Mussel and Seaweed
- QAqS Form 4 - Hatchery
- QAqS /form 5 - Other Freshwater Farms

All survey forms are provided as external resources.

Data Collection

Data Collection Dates

Start	End	Cycle
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

Time Periods

Start	End	Cycle
2007-01-01		Quarter 1
2007-04-01		Quarter 2
2007-07-01		Quarter 3
2007-10-01		Quarter 4

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

The staff of the BAS Provincial Operations Center conduct the interviews of the owner/operator and/or caretaker of the sample aquafarms using the survey forms. They also inquire from key informants about the production of most of the operators in the municipality and conditions affecting production. Key informants may be Municipal Agricultural Officer (MAO), barangay official, official/member of aquafarm operators' organization and other knowledgeable persons regarding aquafarm operation. The Provincial Agricultural Statistics Officer (PASO) conducts training and supervises his staff.

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Data Collectors

Name	Abbreviation	Affiliation
Bureau of Agricultural Statistics	BAS	Department of Agriculture

Supervision

The Provincial Agricultural Statistics Officer (PASO) provides the over-all supervision of data collection. He trains data collectors, assigns area of coverage and schedules the data collection. To ensure the smooth implementation of data collection, the PASO conducts spot checking and back checking activities. The Regional Agricultural Statistics Officer (RASO) may also provide another level of supervision. And sometimes, Central Office personnel may be available to provide support

and control of the said activities.

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 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.

Other Processing

The Aquaculture Data Generation System (AquaDataGen) was developed using MS Excel 2003 for the data processing requirements of QAqS. 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

Estimates of Sampling Error

Not applicable.