

# Philippines - Quarterly Inland Fisheries Survey 2009

**Bureau of Agricultural Statistics (BAS)**

Report generated on: May 27, 2020

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## Overview

### Identification

#### ID NUMBER

PHL\_2009\_QIFS\_v01\_EN\_M\_v01\_A\_OCS

### Overview

#### ABSTRACT

Inland municipal fisheries include the catching of fish, crustaceans, molluscs and all other aquatic animals and plants in inland waters like lakes, rivers, dams, marshes, swamps, irrigation canals, creeks, etc. using simple gears and fishing boats some of which are non-motorized with a capacity of three (3) gross tons or less, or fishing not requiring the use of fishing boats.

Data on monthly quantity and value of catch by species by households for the quarter are gathered during the survey. The survey is implemented by the staff of the Provincial Operations Centers (POCs) of the BAS.

Despite the meager contribution of inland fisheries to the total fisheries output, fisheries statistics would not be complete without the estimates from this sub-sector. The number of households dependent on catch from inland bodies of water could not be ignored. Fish catch of the households is usually intended for home consumption. Members of the household who are involved in inland fishing are either full-time or part-time fishermen.

#### KIND OF DATA

Sample survey data [ssd]

#### UNITS OF ANALYSIS

Households

## Scope

#### NOTES

The scope of the Quarterly Inland Fisheries Survey include:

- General information: region, province, municipality, barangay
- Fishing household head: complete name of household head
- Respondent: complete name of respondent and relationship to the household head
- Fishing ground/s: source/s of catch of the household
- Species: Local and English names of species caught by the household
- Quantity of catch: monthly catch of the household by species for the reference quarter
- Price: prevailing price per kilogram of fish catch by species for the reference quarter
- Fishing gears used: name/s of fishing gears used by the household
- Remarks: any observations , issues, concerns, etc. relevant to inland fishing

#### TOPICS

Topic	Vocabulary	URI
Fisheries		

## Coverage

### GEOGRAPHIC COVERAGE

National Coverage

### UNIVERSE

All households engaged in inland fishing

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Bureau of Agricultural Statistics (BAS)	Department of Agriculture (DA)

### FUNDING

Name	Abbreviation	Role
Bureau of Fisheries and Aquatic Resources	BFAR	Donor

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM
de Ocampo, Estela C.	ECO	Bureau of Agricultural Statistics	Documentation of the Study
Adriano, Reinelda P.	RPA	Bureau of Agricultural Statistics	Documentation of the Study
Reyes, Evelyn B.	EBR	Bureau of Agricultural Statistics	Documentation of the Study
Evangelista, Ma. Clarinda M.	MCME	Bureau of Agricultural Statistics	Documentation of the Study

### DDI DOCUMENT VERSION

PHL\_2009\_QIFS\_v01\_EN\_M\_v01\_A\_OCS\_v01

### DDI DOCUMENT ID

DDI\_PHL\_2009\_QIFS\_v01\_EN\_M\_v01\_A\_OCS\_FAO

# Sampling

## Sampling Procedure

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The sampling frame for inland fisheries is the list of all households engaged in catching fish in rivers, lakes, swamps, creeks, irrigation canals, dams, reservoirs, etc. The listing of households was done in 1997.

Using the principles of simple random sampling, sample households are drawn from the list. Number of sample households varies by province. Provincial Operations Centers (POCs) are instructed to interview a minimum of ten (10) households every quarter. However, several provinces maintained more than 10 sample households to get a more accurate basis of estimation for quarterly volume and value of inland production. Sample households are the same throughout the year. However, POCs are given prerogative to replace sample households that stopped fishing activity.

For 2009, 1,300 households were sampled out of 83,447 total households listed nationwide..

## Response Rate

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Response rate for quarterly survey of inland fisheries is 100%.

## Weighting

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A factor derived from the number of total households over the sample households is used to estimate monthly production of inland fisheries in the province . This factor varies from one province to another.

## Questionnaires

No content available

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2009-03-20	2009-03-31	First Quarter
2009-06-20	2009-06-30	Second Quarter
2009-09-20	2009-09-30	Third Quarter
2009-12-15	2009-12-20	Fourth Quarter

### Data Collection Mode

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Face-to-face paper [f2f]

## Data Processing

### Data Editing

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Manual editing of questionnaires at the provincial level is needed before the electronic data processing of survey returns.

Steps in data editing include the following:

- a) Completeness of data items in the questionnaire
- b) Correctness of unit of measurement used
- c) Coding and encoding
- d) Expansion factor used

Before the results are summarized, another series of consistency and completeness check is made during electronic data processing.

The processing of the results of the Quarterly Inland Fisheries Survey is part of the Municipal Fisheries Data Generation (MunDatagen) System using an Excel-based processing system. Data gathered from sample households are encoded in the provincial QIFS worksheet. These provincial worksheets are then compiled and summarized in the regional worksheets using an Excel-based processing system.

## Data Appraisal

### **Other forms of Data Appraisal**

The accomplished QIFS forms serve as inputs for internal checks of the survey data. Units of measurement used for volume and price are reviewed. Levels of estimates are compared with those of the same quarter last year. Change in production is assessed if it reflects the real inland fisheries situation in the province. Some parameters used in the validation of inland fisheries are the number of households, productivity of sources of catch, fingerlings dispersal program of the BFAR.