

Philippines - Quarterly Municipal Fisheries Survey (Traditional Landing Centers), 2009

Bureau of Agricultural Statistics

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Overview

Identification

ID NUMBER

PHL_2009_QMFS_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

Municipal fisheries is one of the three (3) sectors of fisheries, the others being Commercial fisheries and Aquaculture. Municipal fisheries cover fishing in marine and inland waters.

The Quarterly Municipal Fisheries Survey (Traditional Landing Centers) is a survey on volume and price of fish unloaded at sample municipal fish landing centers by fishing boats with gross tonnage of three (3) tons and less. Data are collected through personal interview of at least three (3) key informants knowledgeable on the fishing activities at the sample fish landing center. Key informants may be a fisherman, fishing boat operator, fish trader, fish broker, or barangay officials. Monthly volume and price of fish unloaded at the landing centers are gathered on the last week of the last month of the reference quarter.

Data on marine municipal fisheries are collected in fish landing centers where fishermen unload and trade their catch. There are two (2) types of municipal fish landing centers, namely: the traditional and those managed by Philippine Fish Development Authority (PFDA) and Local Government Units (LGUs).

The two types of survey conducted in traditional municipal fish landing centers are the monthly or probability survey and the quarterly or non-probability survey. For monthly surveys, Contractual Data Collectors (CDCs) are hired to do the actual interview of fishermen unloading at the sample fish landing centers. In the absence of adequate funds intended for the payment of wages for CDCs, quarterly surveys are conducted by the regular staff in the Provincial Operations Centers (POCs).

The general objective of the survey is to generate information on the quarterly volume and value of fish unloading's by species at the provincial, regional and national levels.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Enterprises

Scope

NOTES

The scope of the Quarterly Municipal Fisheries Survey in traditional fish landing centers include:

- Reference quarter for the current year
- General Information (region and province)
- Landing centre (complete name and stratum or classification of the sample fish landing center)
- Complete name and type of key informant
- Monthly volume of fish unloaded by species during the reference quarter
- Monthly price per kilogram of species unloaded in the landing center during the reference quarter
- Reasons for change in volume of unloading

TOPICS

Topic	Vocabulary	URI
Fisheries	Philippine Statistics Authority	

Coverage

GEOGRAPHIC COVERAGE

National Coverage

UNIVERSE

All municipal fish landing centers nationwide

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Bureau of Agricultural Statistics	Department of Agriculture

OTHER PRODUCER(S)

Name	Affiliation	Role
National Statistical Coordination Board		Survey clearance

FUNDING

Name	Abbreviation	Role
Bureau of Fisheries and Aquatic Resources	BFAR	Donor

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of the Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM
De Ocampo, Estela C.		Bureau of Agricultural Statistics	Documentation of the study
Adriano, Reinelda P.		Bureau of Agricultural Statistics	Documentation of the study

DDI DOCUMENT VERSION

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Sampling

Sampling Procedure

The list of all municipal fish landing centers in the country served as the sampling frame for the Quarterly Municipal Fisheries Survey (QMFS) of traditional fish landing centers.

Stratified sampling by province is employed with volume of unloading per day as stratification variable. The landing center serves as the primary sampling unit. The landing centers are grouped into the following strata:

1. Stratum 1 - consists of the top producing fish landing centers or the major landing centers
2. Stratum 2 - consists of the minor producing fish landing centers
3. Stratum 3 - consists of all other landing centers

Simple random sampling is used in drawing the sample landing centers from the stratum. Replacement of sample landing center is allowed for landing centers with unstable peace and order situation and for hard or difficult to reach areas.

Allocation of number of sample fish landing centers is based on the distribution of volume of unloadings in the province. Number of samples by stratum in 2009 was as follows:

1. Stratum 1 - 232
2. Stratum 2 - 183
3. Stratum 3 - 127

The total number of sample municipal fish landing centers in 2009 was 542. The number of samples is highly dependent on the funds available for the conduct of the survey.

Deviations from Sample Design

There was no deviation from the sampling design.

Response Rate

Response rates for quarterly municipal fisheries survey is 100%.

Weighting

A factor derived from the number of total fish landing centers over the sample fish landing centers by stratum is used to estimate the total volume of fish landed by municipal fishing boats in the province. This factor varies from one province to another.

Questionnaires

No content available

Data Collection

Data Collection Dates

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

Face-to-face paper [f2f]

Data Processing

Data Editing

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 questionnaires
- b) Correctness of unit of measurement used
- c) Coding and encoding
- d) Expansion factors used

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

Data Appraisal

Other forms of Data Appraisal

The Regional Agricultural Statistics Officer (RASO) is responsible for the regional level monitoring and supervision of the survey operations of the Provincial Operations Centers. The Provincial Agricultural Statistical Officer (PASO) is the over-all supervisor in the province. As field supervisor, the PASO should ensure accuracy of data collection, completeness of the accomplished survey forms. As part of the PASO's tasks is the conduct of spot-checking and back-checking on the work of POC staff who act as data collectors for this activity.