

# Introduction of SEAFDEC Database Fisheries Statistics of Southeast Asia

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## Introduction

The Fishery Statistical Bulletin for Southeast Asia was established based on the Framework for Fishery Statistics of Southeast Asia, which was developed by SEAFDEC through the consultative process with ASEAN and the ASEAN-SEAFDEC Member Countries. The Fishery Statistics Framework was endorsed at the Fortieth Meeting of SEAFDEC Council and the Sixteenth Meeting of the ASEAN Sectoral Working Group on Fisheries (ASWGF) in early 2008, with the primary objective to serve as the “Minimum Requirement for Fishery Statistics of Southeast Asia”. In addition, the Fishery Statistics Framework is also anticipated to facilitate a long-term improvement of National Fishery Statistics in order to support national planning and management of fisheries, as well as to facilitate the compilation and sharing of statistics and information at regional and international levels, i.e. those currently compiled by SEAFDEC, FAO, as well as other fishery-related organizations.

The Bulletin will be published starting from the statistics of the year 2008. The statistical period, in principle, covers January to December of the reporting year. In cases where country was unable to supply the statistics of the reporting year by the timeline as indicated in *Table 1*, the latest data available may be given, provided that the year to which the data belongs indicated in the space provided.

No.	Questionnaire title
Q1	Fishery Production by Sub-Sector
Q2	STAT-SEAFDEC Capture Production by Species and SEAFDEC Sub-Areas
Q3	Producer Prices for Capture Production by Species
Q4	Marine Capture Production by Type of Fishing Gear and by Species
Q5	Inland Capture Production by Water Bodies
Q6	Number of Fishing Boats by Type and Tonnage
Q7	Number of Fishing Units by Size of Boat
Q8	AQ-NS 1 and 9 Forms for Reporting Statistics on Aquaculture of Fish, Crustacean, Molluscs, and Aquatic Plants (NS9) by Species, Production, Environment and Fishing Area
Q9	Aquaculture Production of Ornamental Fish
Q10	Seed Production from Aquaculture
Q11	FISHSTAT FM: Fishers

Table 1: List of questionnaires, and harmonized submission mechanism and timeframe

Data and information available from various sources could be used as inputs for the Bulletin. These include the data collected through statistical surveys, from government records and semi-governmental organizations. In addition, data and information derived from new statistical techniques or small-scale surveys could also be used to provide inputs to the Bulletin.

## **Activity**

For our project process/activity after SEAFDEC publish the Fishery Statistical Bulletin of Southeast Asia in each year or data from questionnaire then we input the raw data entered into a database. After input to the data will process and show the results on the web site.

## **Results**

"SEAFDEC Database Fisheries Statistics of Southeast Asia" was developed by using PHP language and MySQL Database on the URL <http://map.seafdec.org/NewBulletin/> for the main function of our website

### **Marine Fisheries**

- Marine Fishery Statistics on fishing boats will be use to clarify the amount of capital invested in fishery corresponding to the size of fishing boat and cover annual data of fishing boats in marine areas.

- No. Of Fishing Units is the annual data of fishing units operated in marine and coastal areas and classified by type and size of fishing boats as well as by major types of fishing gears.

- Fishery Production by Species and by Fishing Area The statistics for marine capture production represent the statistics on catches and landings of marine and brackishwater species of aquatic organisms, killed, caught, trapped or collected for all commercial, industrial, and subsistence purposes in quantity and in value.

- Fishery Production by Type Of Fishing Gear and by Species represented the production that classified under commercial and small-scale fisheries, where possible should be further classified into detailed types of fishing gear for each category.

### **Inland Capture Fisheries**

- Inland Capture Fishery Production by species and By Fishing Area is the statistics for inland capture production present the catch of freshwater species of aquatic organisms that are killed, caught, trapped or collected for all commercial and subsistence purposes.

- Inland Capture Fishery Production by Type of Waterbodies is statistics on production by Type of Waterbodies from inland capture fishery presented in accordance with the following four types of water bodies: Lakes ,Rivers, Flood plains/rice fields,and Reservoirs.

### **Aquaculture**

- Aquaculture production by species and By Fishing Area is the production from aquaculture could be broken down by species from all types of culture Mariculture, Brackishwater culture, Freshwater aquaculture and also Aquaculture production by species of ornamental fishes

- Seed production from aquaculture-The statistics on artificial seed production is presented in order to assess the recruitment in aquaculture and facilitate management

purpose. Production could be reported by species in terms of the number of larvae, fingerlings, juveniles, etc.

### **Price**

-Statistics on fish price covers aquatic organisms in the form of fresh fish only, which includes marine and freshwater species.

### **Fisher**

- No. of Fisher-Number of fisher for all Inland, Marine and Aquaculture fishery, Fishers/people involved in fishing could be classified into:a) Full-time b) Part-time c) Occasional fishing by household members.