

# Agricultural Production Statistics Group

## FISHERY STATISTICS



# 1- Introduction

- Data on fishery statistics in our country were compiled by the Ministry of Commerce until 1967 based on records of provincial fish markets.
- Fishery statistics cover data on sea products, freshwater and aquaculture products.

- The production data of the large scale fishermen will be compiled monthly since May of 2014,
- and
- Data for small scale fishermen will be compiled seasonally.

## 2- Compiled data are:

- Quantity, price and value of fishery products
- Qualities of fishing vessels carrying out fishing activities by sea products regions
- The investments and expenditures for fishing activities
- The number of workers at fishing, total working day and payment.

## 3- Purpose

- Compiling data is used to compute the national income and national accounts.
- Obtaining data pertinent to the assesment of the condition and is usded for structure of the fishing sector for Five-Year Plans and Annual Programmes.
- Compiling data includes quantity, price and value of fishery products
- To determine the of distribution production and shape of marketing

- To determine the characteristics of the vessel and fishing tools used in the fishery
- To determine the amount of credit they received only for fishing activities of fishermen,
- To compile information about the investments and expenses for fishing activities,
- To determine the age and gender of employees in the fisheries and the working day and paid fees.

## 4- METHODS

Fishery statistics compiled by two types

- a) Statistics of Sea Fishes and other sea products
- b) Statistics of Fresh-Water Fish and Aquaculture Production.

- **Statistics of Sea Fishes and other sea products** (Deniz Balıkları ve Diğer Deniz Ürünleri İstatistikleri )
- **1. Full census is used for large scale fishermen**

Sea fish and other sea products statistics are compiled by Marine Fishery Survey applied annually.



- This survey covers all professional fishermen fishing at territorial waters.
- Fisherman is the statistical unit of the survey.

**Professional Fisherman:** A professional fishing person is defined as one of who engages in the activity of fishing in territorial waters for live hood and income and who employs specialized equipment and materials.

- In the application, information of the previous year data is filled according to methods of face to face in coastal band of 28 provinces.
- In this survey, the complete enumeration is used for large scale fishermen and the sampling method is used for small scale fishermen.

- **2. Sampling method is used for small scale fishermen.**

**Interviewers visit fishermen at their addresses and fill the questionnaires completely.**

- **Large scale fishermen:** It is a fisherman who has a vessel equal or more than 10 meters length.

The production data of the large scale fishermen is to be compiled monthly since May of 2014

- **Small scale fishermen:** It is a fisherman who has a vessel less than 10 meters length.
- Data for small scale fishermen will be compiled seasonally since May of 2014.

- **Freshwater and Aquaculture Statistics**
- (Tatlısu ve Yetiştiricilik İstatistikleri)
- Freshwater and aquaculture questionnaires are sent to Province Directorates of MoFAL each year regularly.
- These forms are compiled by staff of Province Directorates by interviewing with fishery cooperatives, fishery producers and aquaculture enterprises and are sent to MoFAL.

- **MoFAL compiles data by provinces according to the types and sent questionnaires to the TURKSTAT to analysis data.**
- **Data on freshwater and aquaculture are taken directly from the Ministry of Food, Agriculture and Livestock.**

# Sampling method for seasonal Small scale fishermen

Stratified sampling method was used in a seasonal small scale fishermen survey. 27 provinces, located in coastal groups, used according to the stratification and boat length are given below:

PROVINCES			
ADANA	ÇANAKKALE	KIRKLARELİ	SAMSUN
ANTALYA	EDİRNE	KOCAELİ	SİNOP
ARTVİN	GİRESUN	MERSİN	TEKİRDAĞ
AYDIN	HATAY	MUĞLA	TRABZON
BALIKESİR	İSTANBUL	ORDU	YALOVA
BARTIN	İZMİR	RİZE	ZONGULDAK
BURSA	KASTAMONU	SAKARYA	

Boat Length Groups
5-5.49
5.50-6.49
6.50-7.49
7.50-8.49
8.50-9.99

- **Geographical coverage:**
- The data on sea products are presented at regional and national levels.
- Data on freshwater products and aquaculture are presented at provincial and national levels.



## Su Ürünleri İstatistikleri Fishery Statistics

	Deniz Ürünleri Sea Products (Ton - Tons)	Yetiştiricilik Üretimi Aquaculture Production (Ton - Tons)	Tatlısu Ürünleri Freshwater Products (Ton - Tons)
<b>2002</b>	522 744	61 165	43 938
<b>2003</b>	463 074	79 943	44 698
<b>2004</b>	504 897	94 010	45 585
<b>2005</b>	380 381	118 277	46 115
<b>2006</b>	488 966	128 943	44 082
<b>2007</b>	589 129	139 873	43 321
<b>2008</b>	453 113	152 186	41 011
<b>2009</b>	425 046	158 729	39 187
<b>2010</b>	445 680	167 141	40 259
<b>2011</b>	477 658	188 790	37 097
<b>2012</b>	396 322	212 410	36 120
<b>2013</b>	339 047	233 394	35 074

Kaynak: Yetiştiricilik üretimi ve tatlısu ürünleri için Gıda, Tarım ve Hayvancılık Bakanlığı.

**Source: For aquaculture production and freshwater products, Ministry of Food, Agriculture and Livestock.**

**Thank you for your attention**