

# FISHERY STATISTICAL BULLETIN OF SOUTHEAST ASIA 2014



Southeast Asian Fisheries Development Center

SEC/ST/48

January 2017

© 2017

**Southeast Asian Fisheries Development Center (SEAFDEC)**

P.O. Box 1046, Kasetsart Post Office, Chatuchak, Bangkok 10903, Thailand

All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without permission in writing from the copywriter.

ISSN 0857-748X

## FOREWORD

In Southeast Asia, the importance of fishery statistics has been widely accepted as a crucial tool that provides the foundation for formulating not only national fisheries policies but also national management frameworks and actions. The said information also presents the basis for understanding the status and condition of the fishery resources in the region.

Since 1978, SEAFDEC has been regularly compiling regional fishery statistics for the “Fishery Statistical Bulletin for the South China Sea Area” and the “Fishery Statistical Bulletin of Southeast Asia” from 2008 and onwards. The Bulletin is meant to display reliable and comparable fishery statistics of the Southeast Asian region with standardized definitions and classifications. In order to attain such goal, SEAFDEC continues to support the ASEAN Member States (AMSs) in their efforts towards improving the collection and compilation of their respective fishery statistics. SEAFDEC recognizes that fishery statistics data and information are useful for the AMSs and SEAFDEC, as basis for generating appropriate policy to support sustainable fisheries development and management in the Southeast Asian region.

Through the years, publication by SEAFDEC of the annual Fishery Statistical Bulletin has been successfully realized because of the continued efforts of the AMSs in providing the most updated national fishery data and information. From the inputs provided by the AMSs, a time series is made available in the Bulletin making it possible to compare over time and between AMSs. Specifically for 2014, the time series cover fishery data from 2010 to 2014. Moreover, the information provided in this issue of the Bulletin includes fisheries production, fishing fleet, fishing gear, fish price, and employment in fisheries.

For their cooperation and support, especially in providing the necessary information that went into this Bulletin, SEAFDEC is indeed very grateful to the national agencies and concerned personnel of the AMSs. SEAFDEC also looks forward to the sustained and strengthened cooperation of the AMSs, especially on fisheries data compilation for the improvement of the forthcoming issues of the Bulletin. Once again, SEAFDEC would like to thank the ASEAN Member States as well as related organizations for their cooperation and support in the compilation of fisheries statistical data including the inputs that went into this 2014 Bulletin. With such continued support, SEAFDEC would be assured of the sustainability of the Bulletin as a tool for enhancing the sustainable development of the respective fisheries of the AMSs.



Dr. Kom Silapajarn  
Secretary-General  
Southeast Asian Fisheries Development Center



## CONTENTS

### I EXPLANATORY NOTES

<b>1. GENERAL NOTES .....</b>	<b>i</b>
1.1 Data Sources .....	i
1.2 Incomplete Data .....	i
1.3 Time Reference.....	i
1.4 Unit of Measurement.....	i
1.5 Standard Symbols and Abbreviations .....	i
<b>2. NOTES ON STATISTICS.....</b>	<b>ii</b>
2.1 Statistical Coverage.....	ii
2.2 Geographical Coverage .....	ii
2.3 Fishery Structure and Sub-sectors.....	ii
2.3.1 Statistics on Capture Fisheries.....	ii
2.3.1.1 Marine Capture Fishery .....	ii
2.3.1.2 Inland Capture Fishery.....	iv
2.3.2 Statistics on Aquaculture .....	vi
2.3.3 Statistics on Fish Price.....	viii

### APPENDICES

1. Classification of Fishing Areas.....	ix
2. Classification of Small-scale and Commercial Fisheries.....	xiv
3. List of Aquatic Animals and Plants.....	xvi
4. Classification of Fishing Gears .....	xviii
5. Classification of Fishing Boats.....	xxi
6. Classification of Fishers and Farmers.....	xxii

### II SUMMARY 2014

STATISTICS SUMMARY.....	3
-------------------------	---

### III STATISTICAL TABLES 2014

<b>1. ANNUAL SERIES OF FISHERY PRODUCTION.....</b>	<b>21</b>
1.1 Total Production .....	21
1.1.1 In Quantity.....	21
1.1.2 In Value .....	21
1.2 Marine Fishery Production.....	22
1.2.1 In Quantity.....	22
1.2.2 In Value .....	22

1.3 Inland Fishery Production.....	23
1.3.1 In Quantity.....	23
1.3.2 In Value.....	23
1.4 Aquaculture Production.....	24
1.4.1 In Quantity.....	24
1.4.2 In Value.....	24
<b>2. FISHERY PRODUCTION BY SUB-SECTOR.....</b>	<b>26</b>
2.1 In Quantity.....	26
2.2 In Value.....	27
<b>3. MARINE CAPTURE FISHERY STATISTICS.....</b>	<b>28</b>
3.1 Number of Fishing Boats by Type and Tonnage.....	28
3.2 Number of Fishing Units by Size of Boat.....	30
3.2.1 Brunei Darussalam.....	30
3.2.2 Indonesia.....	31
3.2.3 Malaysia.....	32
3.2.4 Myanmar.....	33
3.2.5 Singapore.....	34
3.2.6 Thailand.....	35
3.3 Marine Capture Fishery Production by Species and by Fishing Area.....	36
3.3.1 In Quantity.....	36
3.3.2 In Value.....	56
3.4 Capture Production by Type of Fishing Gear and by Species.....	76
3.4.1 Brunei Darussalam.....	76
3.4.2 Malaysia.....	82
3.4.3 Singapore.....	90
3.4.4 Thailand.....	94
<b>4. INLAND CAPTURE FISHERY STATISTICS.....</b>	<b>102</b>
4.1 Inland Capture Fishery Production by Species and by Fishing Area.....	102
4.1.1 In Quantity.....	102
4.1.2 In Value.....	106
4.2 Inland Fishery Production by Type of Water Bodies.....	110
4.2.1 In Quantity.....	110
4.2.2 In Value.....	110

<b>5. AQUACULTURE STATISTICS.....</b>	<b>112</b>
5.1 Aquaculture Production by Species and by Fishing Area.....	112
5.1.1 In Quantity.....	112
5.1.2 In Value.....	120
5.2 Aquaculture Production by Species of Ornamental Fishes.....	128
5.2.1 In Quantity.....	128
5.2.2 In Value.....	132
5.3 Seed Production from Aquaculture.....	<b>134</b>
5.3.1 Brunei Darussalam.....	134
5.3.2 Indonesia.....	134
5.3.3 Malaysia.....	135
5.3.4 Myanmar.....	136
<b>6. PRICE OF FRESH FISH.....</b>	<b>138</b>
6.1 Producer Price for Capture Fishery Production by Species.....	138
<b>7. FISHERS.....</b>	<b>152</b>
7.1 Number of Fishers by Working Status.....	152





**I**

**EXPLANATORY NOTES**



## I. EXPLANATORY NOTES

### 1. GENERAL NOTES

#### 1.1 Data Sources

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.

#### 1.2 Incomplete Data

Although it is desirable that standardized and complete data be supplied for the Bulletin; data that may not be entirely compatible with the coverage, definition and classification but could be useful should also be reported by countries, provided that the extent of incompleteness indicated as a footnote.

#### 1.3 Time Reference

The Fishery Statistical Bulletin of Southeast Asia has been 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, the latest data available may be given, provided that the year to which the data belongs indicated in the space provided.

#### 1.4 Unit of Measurement

Units of measurement used in the Bulletin are standardized as follows:

- Fishery production statistics in quantity are reported in metric tons, except ornamental fish and reptiles which are reported in pieces/numbers.
- Fishery production statistics in value are reported in US\$ 1,000.
- Fish prices are reported in US\$/kg.

#### 1.5 Standard Symbols and Abbreviations

The following standard symbols and abbreviations are used throughout the tables in this Bulletin:

...	=	Not available
–	=	Magnitude zero or not applicable
0	=	Magnitude insignificant, <i>i.e.</i> , less than half of the measurement
MT	=	Metric Tons
US\$ 1,000	=	1,000 dollars in U.S. currency
No.	=	Number
Q	=	Quantity
V	=	Value

## **2. NOTES ON STATISTICS**

### **2.1 Statistical Coverage**

Fishery Statistical Bulletin of Southeast Asia covers the fishery statistics on Production; Fishing Units; Fishing Boats; Fishers; and Fish Price. Production (landings) covers fishes, crustaceans, mollusks, and other aquatic animals and plants taken for all purposes (capture fisheries and aquaculture) by all types and classes of fishing units and aquaculture activities operating in marine, brackishwater and freshwater areas, in appropriate geographical categories.

### **2.2 Geographical Coverage**

The data also covers all production by commercial and small-scale fisheries and aquaculture activities in freshwater, brackishwater and marine water designated by FAO Fishing Area 57 (Indian Ocean, Eastern), 71 (Pacific, Western Central), 61 (Pacific, Northwest), and 04 (Asia, Inland Water). Countries and sub-areas to be used in marine fishery statistics are established in consistent with the FAO Fishing Areas (see detail description in *Appendix 1*).

### **2.3 Fishery Structure and Sub-sectors**

In line with the structure of fisheries in the Southeast Asian region, the statistics are divided into two main sectors, *i.e.* Capture Fishery and Aquaculture. Capture means an economic activity to catch or collect aquatic organisms which grow naturally in public waters and which do not belong to the property of any person, whereas culture means an economic activity to rear the young aquatic organisms such as fry, fingerings, oyster seeds, etc., to commercial size. Unlike capture, aquatic organisms under culture operations belong to the property of a specific person or a group of specific persons who manage them until they grow to commercial size.

#### **2.3.1 Statistics on Capture Fishery**

With concerns in the different environment of fishery resources and other components of capture fishery, the statistics compiled under this section are classified into two sub-sectors, namely Marine Capture Fishery and Inland Capture Fishery. Statistics on production or catch, fishing gears, fishing boats, fishing units, fishers, etc., should be collected and compiled under each sub-sector.

##### **2.3.1.1 Marine Capture Fishery**

###### **a. Coverage and Definition**

Marine capture fishery is divided into two categories: small-scale fishery (including subsistence artisanal/traditional fishery) and commercial fishery. As it is impossible to establish common definition of these two categories in the region, the national distinction between small-scale and commercial fisheries of countries in the region is given in *Appendix 2*. The data for marine capture fishery excludes sport fishing, recreation, and research.

###### **b. Marine Capture Production**

The statistics for marine 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. The statistics in terms of quantity will be used to assess the stock of the marine organisms, to disclose the size of a fishing industry as a whole, and to be used as index showing the status and trend of a fishing industry by annual series of fisheries industry in monetary terms to adequately compare the economic size of the fisheries industry with those of other industries.

###### **b.1 Unit of Measurement**

###### **1) Production in quantity**

Production in quantity represents the weight equivalent of the landing. Production in quantity should be reported in metric tons, except those expressed in numbers or in kilograms. If production is reported in kilograms, this should be

converted into metric tons estimated by rounding off to the nearest hundredths. The production of ornamental fish and reptiles should be reported in numbers.

There are many instances where the catches on board fishing vessels are gutted, filleted, salted, dried, etc., or reduced to meals, oil, etc. The data on the landing of such species and products require conversion by accurate yield rates (conversion factors) to establish the live weight equivalents (nominal catches) at the time of their capture.

## **2) Production in value**

Production in value represents the products' value equivalent of the landing (average monthly weighted value, where available). It is generally estimated by multiplying the quantity of production by the producers' price. In reporting production in value, the amount reported in the national currencies should be converted to US\$.

### **b.2 Statistics on Marine Capture Production**

#### **1) Production by species**

Marine capture production covers production from all kinds of commercial and small-scale fisheries broken down by species (at the species, genus, family or higher taxonomic levels) into statistical categories called species items.

The standard statistical list of marine species is developed in consistent with the 'International Standard Statistical Classification of Aquatic Animals and Plants' (ISSCAAP) with two-digit group code. Statistics on marine species items or group items or group should be reported by referring to the FAO English name, taxonomic code in 10 digits, inter-agency 3-alpha code, and national/local name. Please refer to *Appendix 3* for the ISSCAAP and the List of Aquatic Animals and Plants in Southeast Asia.

#### **2) Production by type of fishing gear**

The production classified under commercial and small-scale fisheries, where possible, should be further classified into detailed types of fishing gear for each category.

To complete the statistics on production by type of fishing gear, the Regional Classification of Fishing Gear developed in consistent with the CWP-International Standard Statistical Classification of Fishing Gear (ISSCFG) is shown as *Appendix 4*.

### **c. Fishing Boats**

Fishing boats can also be called in various terms as fishing vessels, fishing fleets, or fishing crafts. Fishing boat means any vessel, boat, ship or other craft that is equipped and used for fishing or in support of such activity. Statistics on fishing boats will be used to clarify the amount of capital invested in a fishery corresponding to the size of fishing boat. Such statistics can also be used as inputs for the economic analysis and measure of the material input productivity of fishing industry, and as a rough indication of the fishing effort considering the size of the fishing boat.

#### **c.1 Coverage of Fishing Boats**

The statistics should cover annual data of fishing boats in marine areas. All boats used in fishing, whether registered with the government or not, should be included.

#### **c.2 Classification of Fishing Boats**

Based on the characteristics of marine capture fishery in the Southeast Asian region, one fishing boat can operate various types of fishing gear as well as catching many target species.

The regional classification of fishing boats is therefore developed separately from the Coordinating Working Party on Fishery Statistics (CWP) in order to present the specificity of the fisheries situation of the region. In compiling the

statistics on fishing boats and fishing units for marine capture fisheries in the region, the Regional Classification of Fishing Boats by Type of Boats has been developed as shown in *Appendix 5*.

Tonnage is expressed uniformly in gross ton. When a unit other than gross tons is used to measure the size of the boat, this should be converted into gross tons. Although the method of measurement of the tonnage of fishing boats varies from country to country, statistics should be based on national measurement standards.

#### **d. Fishing Units**

Fishing unit means the smallest unit in fishing operation, which comprises generally a fishing boat, fishers and fishing gears. In cases where two fishing boats are jointly operated in fishing such as the pair trawl or two-boat purse seine, these two fishing boats are regarded as one fishing unit.

A fishing boat may be counted as two or more fishing units on the same year if it uses different kinds of fishing gears in separate seasons. For instance, in cases where a fishing boat operates trawl fishing half a year and gill net fishing during the other half of the year, the fishing boat is regarded as two fishing units. Fishing units are generally counted by type of fishing gear. The statistics on fishing unit is mainly used to consider the limitation of the number of fishing units for fisheries management.

##### **d.1 Coverage of Fishing Units**

The statistics should cover the annual data of fishing units operated in marine and coastal areas. Fishing units operating without boats or non-powered boats are excluded.

##### **d.2 Classification of Fishing Units**

Fishing units are classified by type and size of fishing boats as well as major type of fishing gear. In cases where a fishing unit operates more than one fishing boats such as the pair trawl and two-boat purse seine, the size is represented by the tonnage of the major single fishing boat from among the boats employed. The type of fishing gear is based on the national classifications. In order to facilitate reporting of the statistics on fishing units, please refer to *Appendix 4* for the details.

#### **e. Fishers**

##### **e.1 Coverage of Fishers**

The statistics on fishers are generally obtained from the Marine Fishery Census of the Member Countries. The statistics should cover all commercial and subsistence fishers operating in marine and brackishwater areas for catching and landing of all aquatic animals.

##### **e.2 Classification of Fishers**

Statistics on the number of fishers by sub-sectors of fisheries and working status should be based on the following two main categories: full-time fishers and part-time fishers. For the detailed classification of the fishers, please refer to *Appendix 6*.

- (a) Full-time fishers: fishers who spend all of their working time in fishing.
- (b) Part-time fishers: fishers who spend part of their working time in fishing.

#### **2.3.1.2 Inland Capture Fishery**

##### **a. Coverage and Definition**

Inland Capture Fishery refers to any activity involving the catching or collection of aquatic organisms, which grow naturally in inland water bodies for economic, livelihoods and food security purposes. The statistics cover the annual data of commercial and subsistence operations for catching and collecting, and landing production of all aquatic animals in freshwater areas.

The statistics on inland capture fishery cover all productions and the people involved in fishing designated by FAO Fishing Area 04.

## **b. Inland Capture Production**

The statistics for inland capture production represent the catch of freshwater species of aquatic organisms that are killed, caught, trapped or collected for all commercial and subsistence purposes.

### **b.1 Unit of Measurement**

#### **1) Production in quantity**

Production in quantity represents the weight equivalent of aquatic organisms killed, caught, trapped or collected in inland water bodies. Production in quantity should be reported in metric tons, except those expressed in numbers. If production is reported in kilograms, this should be converted into metric tons estimated by rounding off to the nearest hundredths.

#### **2) Production in value**

Production in value represents an estimation of the value equivalent at the first point of sale, indicating seasonal variations in the average total value where available, with estimations including aquatic products caught and collected for subsistence and household purposes. In reporting production in value, the amount reported in national currencies should be converted to US\$.

### **b.2 Statistics on Inland Capture Production**

#### **1) Production by species**

Inland capture production covers all aquatic animals and plants in inland waters broken down by species (at the species, genus, family or higher taxonomic levels) into statistical categories called species items. The standard statistical list of freshwater species is developed in consistent with the 'International Standard Statistical Classification of Aquatic Animals and Plants' (ISSCAAP). The statistics of freshwater species items or groups should be reported using the same format as that for marine species. The regional standard statistical list of aquatic species is given in *Appendix 3* and could be referred to from the List of Aquatic Animals and Plants in Southeast Asia.

#### **2) Production by type of water bodies**

Statistics on production from inland capture fishery should be presented in accordance with the following types of water bodies:

- (a) Lakes: non-flowing, naturally enclosed bodies of water, including regulated natural lakes but excluding reservoirs
- (b) Rivers: running water body such as rivers, drainage canals, irrigation canals which also cover creeks, streams and other linear water bodies
- (c) Floodplains/rice fields: seasonally flooded areas including paddy fields
- (d) Reservoirs: artificial impoundments of water used for irrigation, flood control, municipal water supplies, recreation, hydroelectric power generation, and so forth
- (e) Others: any water bodies other than the above; Peri-urban wetland is included in this category

#### **3) Production by type of fisheries**

Inland fishery is quite diverse in its involvement of different groups of people, the scale of operation and the types of gear/boat used, as well as in its seasonal variation. As available records would allow, the statistics under the Framework should try to reflect such variations.

- (a) Categories of scale:
  - Commercial
  - Family/small-scale
  - Household occasional fishing

- (b) Categories of application/seasonality/licensing:
  - Fishing lots/Leasable fisheries and other types of licensed fisheries and/or areas for (commercial ) fishing
  - Dai fisheries (term used to exemplify the national/regional importance of specific type of fisheries)
  - Community fisheries and other rights-based fisheries at village level
  - “On farm” fishing, fishing in rice fields, etc.
- (c) Categories of equipment/gear/boat:
  - Set nets/traps
  - Gear operated from boats
  - Mobile gear/hand line/hooks/etc.

### c. Fishers

#### c.1 Coverage of Fishers

The statistics on fishers for inland capture fishery are generally obtained from the respective National Fishery Census (or Agricultural Census). Statistics on fishers cover fishers engaged in inland capture fishery while persons operate fishing in marine area as well as any type of aquaculture should be excluded.

#### c.2 Classification of Fishers

Fishers in this section are mostly rural people who, in one way or another, seasonally or the whole year, full-time or part-time, are involved in activities related to the catch and collection of aquatic organisms in inland water bodies. Some of the information/statistics related to household occasional fishing could also be found in other sources of statistics that are available at fisheries agencies.

As far as possible, the relative involvement of people in fishing should be reported to reflect the importance of inland fisheries to the countries, whether nationally, locally, seasonally as well as for rural livelihood in general. Fishers/people involved in fishing could be classified into:

- (a) Full-time fishers
- (b) Part-time fishers (including seasonally full-time fishers)
- (c) Occasional fishing by household members (which could be a daily exercise)

### 2.3.2 Statistics on Aquaculture

#### a. Coverage and Definition

Aquaculture means the farming of aquatic organisms including fish, mollusks, crustaceans, echinoderms, and aquatic plants. Farming implies some forms of intervention in the rearing process to enhance production, such as regular stocking, feeding and protection from predators, etc. Farming also implies individual or cooperate ownership of or rights resulting from contractual arrangements to the stock being cultivated primarily for livelihood and business activities. For statistics purposes, aquatic organisms harvested by an individual or corporation, which has owned them throughout their rearing period, contribute to aquaculture; whereas aquatic organisms exploited by the public as a common property resources, with or without appropriate licenses, are the capture fisheries.

Considering the different ecology and resources in aquaculture, the statistics on aquaculture could be classified into three sub-sectors, namely: mariculture, brackishwater culture, and freshwater culture. The distinction between these categories should be based on culture environment where the aquatic organism is farmed or cultivated. Considering aquaculture production, some aquatics species can be cultured in various environments, *e.g.* Java barb, tilapia, milkfish, etc., its production then could be reported in more than one sub-sector.



**1) Mariculture**

The farming or growing-out of aquatic animals/plants takes place in full seawater. This includes the culture of groupers, milkfish and other marine fishes in sea cages offshore or in coral reef coves; abalone and giant clams in coral reefs; seaweeds in longlines along the sea coasts; oysters in longlines.

**2) Brackishwater culture**

The farming or growing-out of aquatic animals/plants takes place in estuaries, river mouths, mangrove lagoons or in ponds with seawater. This includes culture of groupers and other fishes in cages; milkfish and penaeid shrimps in ponds; mud crab in pens in mangroves; oysters, mussels and other bivalves in estuaries.

**3) Freshwater culture**

The farming or growing-out of aquatic animals/plants takes place in lakes, reservoirs, rivers, rice fields, small farm impoundments or in freshwater ponds. This includes culture of carps, tilapias and other freshwater fish species in reservoirs, lake cages, and ponds; catfishes in ponds; freshwater prawns in ponds.

**b. Aquaculture Production****b.1 Unit of Measurement****1) Production in quantity**

Production in quantity represents the weight at farm gate. Production in quantity should be reported in metric tons, except those expressed in numbers. If production is reported in kilograms, this should be converted into metric tons estimated by rounding off to the nearest hundredths.

**2) Production in value**

Production in value represents the producers' price at farm gate. It is generally estimated by multiplying the quantity of production by the farm gate price by species. In reporting production in value, the amount reported in the national currencies should be converted to US\$.

**b.2 Statistics on Aquaculture Production**

Aquaculture production means the output of farmed aquatic organisms either for final consumption or as raw materials for transformation into other products or for trade. It includes commodities quantified by numbers rather than by weight such as ornamental fishes and hatchery outputs. The statistics on production could be classified into the following categories:

**1) Production by culture environment**

The statistics on production should be based on the culture environment where the aquatic organism was cultivated, such as mariculture, brackishwater culture and freshwater culture. One species can be reported in more than one type of environment depending on its tolerance and the culture status in each country.

**2) Production by species**

Production from aquaculture could be broken down by species from all types of culture environments in the Southeast Asian region. The list of species is provided in *Appendix 3* and could be referred to from the List of Aquatic Animals and Plants in Southeast Asia.

**3) Production by methods of culture**

To facilitate aquaculture management, the production statistics should be reported by methods of culture such as ponds, pens, paddy field or paddy cum fish, etc. The definition of each method is described below:

- (a) Ponds and tanks: artificial units of varying sizes constructed above or below ground level capable of holding and interchanging water
- (b) Pens: water areas confined by net, mesh and other barriers allowing uncontrolled water column between substrate and surface; where pens and enclosures will generally enclose a relatively large volume of water

- (c) Cages: open or covered enclosed structures constructed with net, mesh, or any porous material allowing natural water interchange. These structures may be floated, suspended, or fixed to the substrate but still permitting water interchange from below
- (d) Paddy fields: paddy fields used for rice and aquatic organisms; rearing them in rice paddies to any marketable size
- (e) Others: methods other than the above; rafts, ropes, stakes are included in this category

**c. Artificial Seed Production**

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., used that focuses on two main objectives, *i.e.* for wild stock enhancement and aquaculture practices. As part of wild stock enhancement, production covers both the number released to a controlled environment and to the wild; whereas production for aquaculture practices covers seed stocks for mariculture, brackishwater culture and freshwater culture.

**d. Aquaculture Unit**

Aquaculture unit refers to a management unit, which operates aquaculture in marine, brackishwater and freshwater areas. The term covers both economic units (companies) and households conducting activities in culturing aquatic organisms. In Southeast Asian countries, the use of this term varies from country to country, *e.g.* fishing establishments in Indonesia, farms in Singapore and Thailand.

**e. Area under Culture**

Area under culture can be referred to as the net area and gross area. Net area refers to the areas of the culture facilities but limited to the water surface area, whereas gross area refers to the culture facilities, including not only the water surface area but also the area of the dike surrounding the water area. For ponds and cages, the area under culture should be reported both in net area and gross area, while for the other culture methods, this could be reported only as net area. The number of culture facilities should also be reported in order to facilitate aquaculture management.

**f. Fish Farmers**

Fish farmers (or aquaculture workers) under this item, refer to persons who are engaged in aquaculture activities such as people working in farms, hatcheries, and employed in shellfish culture operations, maintenance of aquaculture facilities, water supply, feeding, etc. As the number of fish farmers engaged in aquaculture often varies according to the season such as harvesting or construction of the aquaculture facilities, only the fish farmers who are engaged full-time in aquaculture are counted in reporting the statistics on the number of fish farmers.

**2.3.3 Statistics on Fish Price**

**a. Coverage**

Statistics on fish price cover aquatic organisms in the form of fresh fish only, which includes marine and freshwater species, but excluding processed fish.

**b. Definition of Price**

Statistics on price refer to products' price, considered as average weighted price which is realized at wholesale markets or in landing centers where producers sell their catches (applicable in some countries in the region). The price is determined (there) by means of auction, negotiation between producers and wholesalers and middlemen, etc., which can also be used to estimate the total production in value.

**c. Unit of Price**

The products' price has been reported in US\$ per kilogram of fresh fish by species. The figure includes two digits after the decimal point by rounding off to the nearest hundredths.

**Appendix 1****CLASSIFICATION OF FISHING AREAS**

The fishing areas of the Southeast Asian region, established for fishery statistical purposes, consist of inland and marine fishing areas, which is consistent with the definition and classification of capture fishery. They are standardized in accordance with the FAO Major Fishing Areas, the boundaries of which were determined in consultation with international fishery agencies taking into account various considerations, including:

- (i) The boundary of national regions and the natural divisions of oceans and seas;
- (ii) The boundary of adjacent statistical fisheries bodies already established in inter-governmental conventions and treaties;
- (iii) Existing national practices;
- (iv) National boundaries;
- (v) The longitude and latitude grid system;
- (vi) The distribution of the aquatic fauna; and
- (vii) The distribution of the resources and the environmental conditions within an area.

**1. Inland Fishing Areas**

All inland waters of Southeast Asian countries are identified under the Area 04 (Asia, Inland Water). There is no sub-area that is recognized for the collection of catch and effort data for the Southeast Asian region. The data presented by Lao PDR, which is the sole landlocked country in the region, are therefore reported under Area 04 only.

**2. Marine Fishing Areas**

The marine fishing areas of the Southeast Asian countries are identified under Area 57 (Indian Ocean, Eastern), Area 71 (Pacific, Western Central) and Area 61 (Pacific, Northwest). Countries and their sub-areas to be used in marine fishery statistics are as follows:

Countries	Sub-areas for marine fishery statistics	FAO Marine Fishing Area	SEAFDEC Sub-area
a) Brunei Darussalam		71	71i
b) Cambodia		71	71b
c) Indonesia		57,71	
	West Sumatra	57	57e
	South Java	57	57e
	Malacca Strait	57,71	57d, 71k
	East Sumatra	71	71k
	North Java	71	71k
	Bali-Nusa Tenggara	57	57f, 71k
	South-West Kalimantan	71	71k
	East Kalimantan	71	71k
	South Sulawesi	71	71k
	North Sulawesi	71	71k
	Maluku-Papua	71	71k

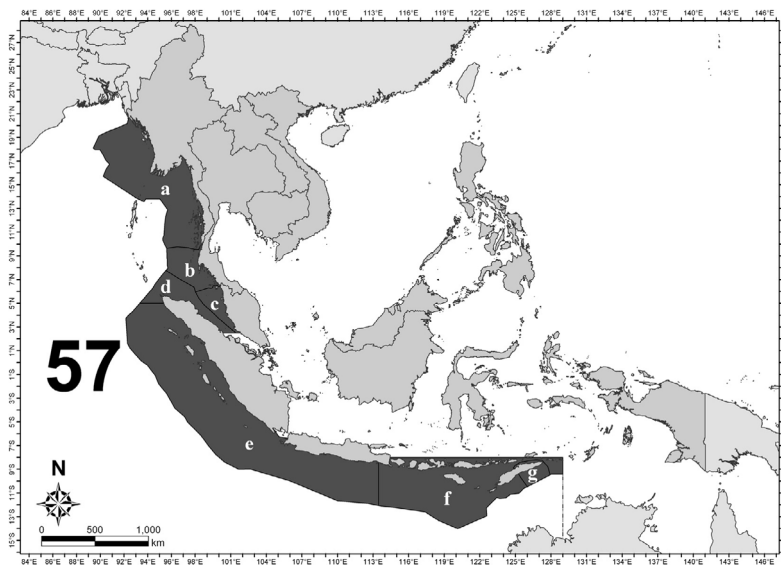
Countries	Sub-areas for marine fishery statistics	FAO Marine Fishing Area	SEAFDEC Sub-area
d) Malaysia			
	West Coast of Peninsula Malaysia	57	57c
	East Coast of Peninsula Malaysia	71	71e
	Sarawak	71	71f
	Sabah (including Labuan)	71	71g
e) Myanmar		57	57a
f) Philippines		71	71j
	Luzon	71	71j
	Visayas	71	71j
	Mindanao	71	71j
g) Singapore		71	71h
h) Thailand		57,71	
	Gulf of Thailand	71	71a
	Indian Ocean	57	57b
i) Viet Nam		61,71	
	North Viet Nam	61	61a
	Central Viet Nam	61	61b
	Southwest Viet Nam	71	71c
	Southeast Viet Nam	71	71d

#### Area 57 (Indian Ocean, Eastern)

Under fishing Area 57, marine fishery statistics such as production, species, fishing gears, fishing vessels, fishing units, etc., will be collected and reported within the Exclusive Economic Zone (EEZ) of each country.

To facilitate the reporting fishery statistics by each country, the fishing area in the Southeast Asian region can be divided into 6 sub-areas under which correspond to the existing EEZs of Myanmar, Thailand, Malaysia and Indonesia. The sub-areas under Area 57 are as follow:

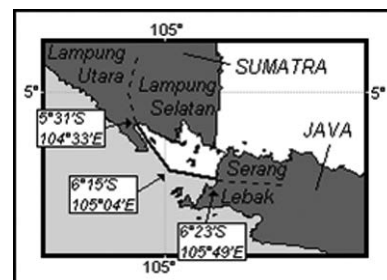
- Sub-area 57a: Marine fishing area of Myanmar
- Sub-area 57b: Marine fishing area of Thailand (Indian Ocean)
- Sub-area 57c: Marine fishing area of Malaysia (West Coast of Peninsula Malaysia)
- Sub-area 57d: Marine fishing area of Indonesia (Malacca Strait)
- Sub-area 57e: Marine fishing area of Indonesia (West Sumatra and South Java)
- Sub-area 57f: Marine fishing area of Indonesia (Bali-Nusa Tenggara)



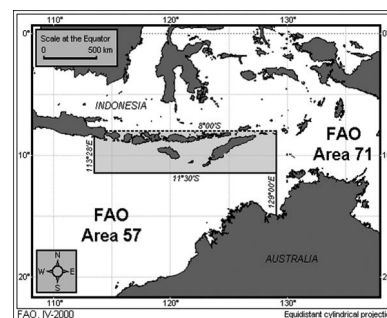
*Sub-areas of the fishing Area 57, Indian Ocean, Eastern*

### Boundary between Area 57 and 71

1. At the Strait of Malacca, the areas bounded by a line commencing from East Sumatra and across the strait at 2° 30' N latitude to meet the West Coast of Peninsular Malaysia.
2. At marine waters between Sumatra and Java, the areas bounded by a line commencing on the coast of Sumatra at the boundary between the District of Lampung Utara and the District of Lampung Selatan at 5° 31' S latitude, 104° 33' E longitude. The boundary is running along a rhomb line between Cape Tjuku Redak on the mainland of Sumatra and Cape Batu Kebucung on the Island of Tebuan to the position 6° 15' S latitude, 105° 04' E longitude; then along a rhomb line between Cape Parat on the Island of Panaitan and the southeastern tip of the Island of Rakarta to the western coast of Java at the boundary between the District of Lebak and the District of Serang at 6° 23' S latitude, 105° 49' E longitude.
3. At marine waters of Java and Bali-Nusa Tenggara, the areas bounded by a line commencing from 8° 00' S latitude starting from the coast of South Java at Surabaya and running east to meet at 129° 00' E longitude; thence running due south until meet northern coast of Australia. The area under the line is recognized as the fishing Area 57 whereas the other above the line accepted as fishing Area 71.



*Boundary line for the Area 57 and 71 at the marine waters between Sumatra and Java*

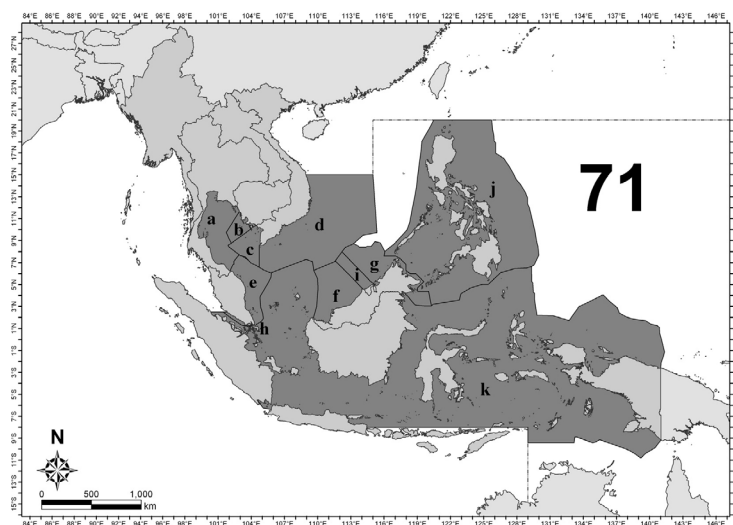


*Boundary line for the Area 57 and 71 at the marine waters of South Java and Bali-Nusa Tenggara*

### Area 71 (Pacific, Western Central)

Under fishing Area 71, marine fishery statistics such as production, species, fishing gears, fishing vessels, fishing units, etc., will be collected and reported within the Exclusive Economic Zone (EEZ) of each country. There are 8 Southeast Asian countries identified under fishing Area 71, namely Brunei Darussalam, Cambodia, Indonesia, Malaysia, Philippines, Singapore, Thailand and Viet Nam. To facilitate reporting fishery statistics by each country, the fishing area can be divided into 11 sub-areas, corresponding to the existing EEZ of these countries. The sub-areas under Area 71 are as follows:

- Sub-area 71a: Marine fishing area of Thailand (Gulf of Thailand)
- Sub-area 71b: Marine fishing area of Cambodia
- Sub-area 71c: Marine fishing area of Viet Nam (Southwest Viet Nam)
- Sub-area 71d: Marine fishing area of Viet Nam (Southeast Viet Nam)
- Sub-area 71e: Marine fishing area of Malaysia (East Coast of Peninsular Malaysia)
- Sub-area 71f: Marine fishing area of Malaysia (Sarawak)
- Sub-area 71g: Marine fishing area of Malaysia (Sabah)
- Sub-area 71h: Marine fishing area of Singapore
- Sub-area 71i: Marine fishing area of Brunei Darussalam
- Sub-area 71j: Marine fishing area of Philippines (Luzon, Visayas, Mindanao)
- Sub-area 71k: Marine fishing area of Indonesia (East Sumatra, North Java, Bali-Nusa Tenggara, South-West Kalimantan, East Kalimantan, South Sulawesi, North Sulawesi, Maluku-Papua)

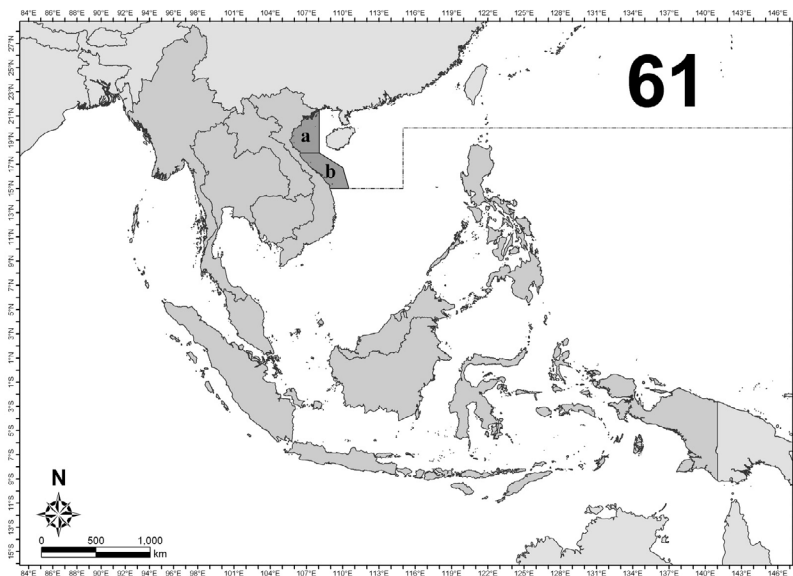


*Sub-areas of the fishing Area 71, Pacific, Western Central*

**Area 61 (Pacific, Northwest)**

Under fishing Area 61, the marine fishery statistics such as production, species, fishing gears, fishing vessels, fishing units, etc., will be collected and reported within the Exclusive Economic Zone (EEZ) of each country. There is only one country identified under fishing Area 61, which is Viet Nam. The fishing area can be divided into 2 sub-areas as follows:

- Sub-area 61a: Marine fishing area of Viet Nam (North Viet Nam)
- Sub-area 61b: Marine fishing area of Viet Nam (Central Viet Nam)



*Sub-areas of the fishing Area 61, Pacific, Northwest*

### CLASSIFICATION OF SMALL-SCALE AND COMMERCIAL FISHERIES

Due to different legal definitions used by each country, the following table shows the classification of small-scale and commercial fisheries of countries in the region.

Countries	Small-scale Fisheries	Commercial Fisheries
Brunei Darussalam	Small-scale/artisanal fisheries: Operating in all zones but concentrating in Zone 1 (0-3 nm)	Trawler, seiner, long liner a) <60 GT; <350 Hp operating in Zone 2 b) 60.1-150 GT; 351-600 Hp operating in Zone 3 c) 151-200 GT; 600-800 Hp operating in Zone 4
Cambodia	Coastal fisheries, small-scale fisheries with/without engine (from 5-50 Hp) operating in Zone 1	Commercial fisheries: more than 50 Hp operating in Zone 2
Indonesia	Fisheries that its operation without using boat, using non-power boat, using outboard motor size <5 GT, or inboard motor size <5 GT	a) Fisheries that its operation using outboard motor size 5-30 GT or inboard motor size 5-30 GT b) Fisheries that its operating using outboard motor size $\geq$ 30 GT
Lao PDR	-	-
Malaysia	Traditional fisheries: small-scale fisheries using traditional fishing gears ( <i>i.e.</i> other than trawls and purse seines) with vessel less than 40 GRT operating in all zones concentrating in Zone 1	Commercial fisheries: Medium and large-scale fisheries using commercial fishing gears such as trawls and purse seines a) With vessels less than 40 GRT operating in Zone 2 b) With vessels from 40-70 GRT operating in Zone 3 c) With vessels above 70 GRT operating in Zone 4
Myanmar	Coastal fisheries: vessels of less than 30 ft or using less than 12 Hp engine operating in Zone 1	Industrial fisheries: vessels more than 30 ft or using more than 12 Hp engines operating in Zone 2
Philippines	Municipal fisheries: small-scale fisheries with vessels of less than 3 GT operating in Zone 1 and 2	Commercial fisheries: a) Small-scale commercial fisheries: from 3.1-20 GT vessels operating in Zone 2; can also operate within 10.1-15 km (within Zone 1) if authority is granted by the concerned local government unit (LGU) b) Medium-scale commercial fisheries: from 20.1-150 GT operating in Zone 2; can also operate within 10.1-15 km (within Zone 1) if authority is granted by the concerned local government unit (LGU) c) Large-scale commercial fisheries: more than 150 GT operating in Zone 2
Singapore	Small-scale fisheries with vessels of less than 3 GT operating in Zone 1	Large-scale commercial fisheries: Inboard engine less than 50 GT or 380 Hp operating in Zone 2
Thailand	Small-scale fisheries: vessels of less than 5 GT operating in Zone 1	Large-scale fisheries: vessels of more than 5 GT operating in Zone 2
Viet Nam	Small-scale fisheries: vessels with no engine and with engine but less than 40 Hp	Large-scale fisheries: vessels with engine more than 40 Hp



## Fishing Zones of Countries in Southeast Asia:

Countries	Fishing Zone 1	Fishing Zone 2	Fishing Zone 3	Fishing Zone 4
Brunei Darussalam	From shore line to 3 nm	From 3 nm to 20 nm	From 20 nm to 45 nm	From 45 nm to EEZ limit
Cambodia	From shore line to 20 m depth	From 20 m depth to EEZ limit		
Indonesia	From shore line to 4 nm	From the outer limit of first fishing zone to 12 nm from shore	From the outer limit of second fishing zone to EEZ limit	
Malaysia	From shore line to 5 nm	From 5 nm to 12 nm	From 12 nm to 30 nm	From 30 nm to EEZ limit
Myanmar	From shore line to 5 nm in the northern area, 10 nm in the southern area	From outer limit of first fishing zone to EEZ limit		
Philippines	From shore line to 15 km	From 15 km to EEZ limit		
Singapore	From shore line to within Port Limits	From 12 nm to EEZ limit		
Thailand	From shore line to 12 nm	From 12 nm to EEZ limit		
Viet Nam	From shore line to 30 m depth in Northern and Southern areas, to 50 m depth in Central area	From 30 to 50 m depth to the EEZ limit		

### LIST OF AQUATIC ANIMALS AND PLANTS

For the statistics on production of capture fishery and aquaculture in the Southeast Asian region, broken down into species, the International Standard Statistical Classification of Aquatic Animals and Plants (ISSCAAP) developed by Coordinating Working Party on Fishery Statistics (CWP) will be used as basis to develop the Regional Standard Statistic List of Aquatic Species, which focused on the species available and distributed in the region.

For capture production, since some aquatic animals particularly diadromous species may be caught in both marine and inland waters, the statistics will be reported in two parts of capture fisheries. Regarding aquaculture production since some aquatic species can be cultured in more than one culture environment, production can then be reported based on where the species are cultured.

The ISSCAAP applied for the region is as follows:

Code	Group of Species
<b>1</b>	<b>Freshwater fishes</b>
11	Carps, barbels and other cyprinids
12	Tilapias and other cichlids
13	Miscellaneous freshwater fishes
<b>2</b>	<b>Diadromous fishes</b>
22	River eels
24	Shads
25	Miscellaneous diadromous fishes
<b>3</b>	<b>Marine fishes</b>
31	Flounders, halibuts, soles
33	Miscellaneous coastal fishes
34	Miscellaneous demersal fishes
35	Herring, sardines, anchovies
36	Tunas, bonitos, billfishes
37	Miscellaneous pelagic fishes
38	Sharks, rays, chimaeras
39	Marine fishes not identified
<b>4</b>	<b>Crustaceans</b>
41	Freshwater crustaceans
42	Crabs, sea-spiders
43	Lobsters, spiny-rock lobsters
45	Shrimps, prawns
47	Miscellaneous marine crustaceans
<b>5</b>	<b>Mollusks</b>
51	Freshwater mollusks
52	Abalones, winkles, conchs
53	Oysters
54	Mussels
55	Scallops, pectens
56	Squids, cuttlefishes, octopuses
57	Miscellaneous marine mollusks

<b>7</b>	<b>Miscellaneous aquatic animals</b>
71	Frogs and other amphibians
72	Turtles
73	Crocodiles and alligators
76	Sea-urchins and other echinoderms
77	Miscellaneous aquatic invertebrates
<b>8</b>	<b>Miscellaneous aquatic animal products</b>
81	Pearls, mother-of pearl, shells
82	Corals
83	Sponges
<b>9</b>	<b>Aquatic plants</b>
91	Brown seaweeds
92	Red seaweeds
93	Green seaweeds
94	Miscellaneous aquatic plants

### CLASSIFICATION OF FISHING GEARS

For the statistics on fishing units and marine capture production, broken down into types of fishing gear, the classification of fishing gears should be used as follows:

Major Group	Minor Group	Standard Abbreviation	ISSCFG Code
1.Purse seine		PS	01.1.0
	1.1 Anchovy purse seine	-	-
	1.2 Fish purse seine	-	-
2.Seine Net		SX	02.9.0
	2.1 Boat seine	SV	02.2.0
	2.2 Beach seine	SB	02.1.0
3.Trawl		TX	03.9.0
	3.1 Beam trawl	TBB	03.1.1
	3.2 Otter board trawl	OT	03.4.9
	3.3 Pair trawl	PT	03.5.9
4.Lift net		LN	05.9.0
5.Gill net		GN	07.9.1
6.Trap		FIX	08.9.0
	6.1 Stationary trap	-	-
	6.2 Portable trap	-	-
7.Hook and lines		LX	09.9.0
8.Push/Scoop net		-	-
9.Shellfish and seaweed collecting gear		-	-
10.Others		MIS	20.0.0

#### Types of Fishing Gears and Definitions

##### 1. Purse seine

A net roughly rectangular in shape without a distinct bag is set vertically in water, to surround the school of fish with purse line, generally of pelagic nature.

Actually, this group of fishing gear called 'Surrounding Net', which is sub-divided into three major groups, *i.e.*: a) one boat purse seine; b) two-boat purse seine; and c) surrounding net without a purse line. However, in term of fishery statistics, no countries in the region collect the data in such individual groups. Thus, purse seine is the only gear of surrounding net which collect data without detail in one or two-boat operations. However, countries in the region agreed to separately report production from: a) Anchovies purse seine; and b) Fish purse seine.

##### 2. Seine net

A bag shaped net with two wings, normally; the wings are larger than those of trawls nets. The net is pulled towards a stationary boat or onto a beach. A seine net of primitive nature sometimes does not have a bag. Insofar as the net is pulled towards a stationary boat or beach, it is included herein. The seine net is sub-divided into two minor groups: a) Boat seine; and b) Beach seine.

### 2.1 Boat seine

Boat seine consists of two wings, a body and a bag, which is similar to that of trawls. Operated from a boat, they are generally used on the bottom, where they are hauled by two ropes, usually very long, set in the water so as to ensure that as many fish as possible are driven or herded towards the opening of the net. Danish seine is also included herein.

### 2.2 Beach seine

Beach seine is a simple fishing gear; one end of the wing is held by a group of fishermen on the shore, the net is first set at right angle to the seashore and the direction of the net setting turns gradually towards the shore. After setting all the net, the towing line of the wing is laid out and the boat runs toward the shore providing a certain distance between the landing and setting points. Then, from the two ends of the wings, the buoy line and the sinker line are hauled to catch the fish.

## 3. Trawl

A conical bag shaped-net with two or more wings, pulled by one to two boats for a period of time, to catch mainly fish or other aquatic animals that live directly on or stay near the sea bed. When such a gear is used in mid-water with the same catching mechanism, the mid-water trawl is included under this group. The trawl is also sub-divided into three minor groups: a) Beam trawl; b) Otter board trawl; and c) Pair trawl.

### 3.1 Beam trawl

The main feature of this trawl is a beam, mostly made of iron. Its purpose is to spread the netting. Sometimes a heavy beam is supported by steel shoes at each end which run over the sea bed. A ground rope and a head rope are joined together to the cement ski that works as a bobbin. The principle catch of beam trawl are shrimps, therefore the mesh size is relatively small. The mesh size of beam trawl also depends on the target species.

### 3.2 Otter board trawl

Otter boards are used for horizontal spreading of the net mouth. Most otter trawl nets consist of two panels; this is called a 'two-seam net'. The mouth is oval-shaped when viewed from front. Two wings stretch out to increase the swept area and to guide the fish in the net's path down to the cod-end.

### 3.3 Pair trawl

Pair trawl means this net is towed by two boats. In pair trawling, the net mouth is kept open by outward towing of the two boats, which always try to keep the same distance between them during operation. The otter boards are not necessary, the arrangement of gear has been simplified, the wrap is connected directly to the sweep lines, the other is joined to a triangular iron frame at the end of Gridles from each wing of the net.

## 4. Lift net

A sheet of net, usually square, but may sometimes be conical, is stretched by several rods, ropes, or a frame and is set either at the bottom or in mid-water for some time and then lifted to trap the fish swimming above it. Both stationary lift nets and portable lift nets are included herein.

## 5. Gill net

A net wall, with its lower end weighted by sinkers (or heavy net, as in drift gill net) and the upper end raised by floats, is set across the path of migrating fish. Fish trying to make their way through the net wall are gilled or entangled in the mesh. The trammel net with two to three wall nets is also included herein. The migrating fish are entangled between two layers of nets and not in the mesh where a combination of different types of nets are used.

## 6. Trap

Trap referred to a gear that is set or stationed in the water for a certain period, regardless of the kind of materials used of their construction. The fish are naturally confined in a collecting unit from which escape is prevented by labyrinths

and/or retarding devices such as gorges, funnels, etc. without any active fishing operation taking place. Trap is also sub-divided into two minor groups: a) Stationary trap; and b) Portable trap.

#### 6.1 Stationary trap

Considering its operation, this group of trap is stationed in the water for long period at least until the end of fishing season. Most of stationary gear is operated in relation to water current. Stationary trap covers bamboo stake trap, bamboo fence trap, set net, bag net, etc.

#### 6.2 Portable trap

Trap is portable, designed in form of cages or basket. It can be made of various materials such as wood, bamboo, metal rods, wire netting, etc. It is used with or without bait depending on the target species. Fish trap, crab trap, shrimp trap are included herein.

### 7. Hook and lines

This gear generally consists of line(s) and hook(s) where natural or artificial baits are hooked to attract fish or other aquatic animals. Unbaited hook or a jig may also be used.

### 8. Push/Scoop net

A bag net with a fixed or variable opening is operated in shallow waters or from boats. Some large-scale scoop nets are operated from a motorized boat such as the boat push net.

### 9. Shellfish and seaweed collecting gear

All manual gears and complex devices which are used for collecting shellfish and seaweeds, regardless of the type of materials used for their construction. While the manual gear are operated by an individual, some of the more complex devices such as cockle dredge, clam dredge, etc. need a motor boat for their operation.

### 10. Others

This group of fishing gear covers the great variety of other fishing gears and methods which are not specified elsewhere, including cast net drive-in-net, muro ami, harpoon, etc.

**Appendix 5****CLASSIFICATION OF FISHING BOATS**

To compile the statistics on the fishing units considering the existing fishing operations in the region, the Regional Classification of Fishing Boats by Type of Boats and size of boats is referred to provide figures of the fishing vessel as follows:

<b>Type of Boat</b>		<b>Size of Boat</b>
<b>First level</b>	<b>Second level</b>	
1. Non-powered boat		
2. Powered boat		
	2.1 Out-board powered boat	
	2.2 In-board powered boat	Less than 5 tons
		5-9.9 tons
		10-19.9 tons
		20-49.9 tons
		50-99.9 tons
		100-199.9 tons
		200-499.9 tons
		More than 500 tons

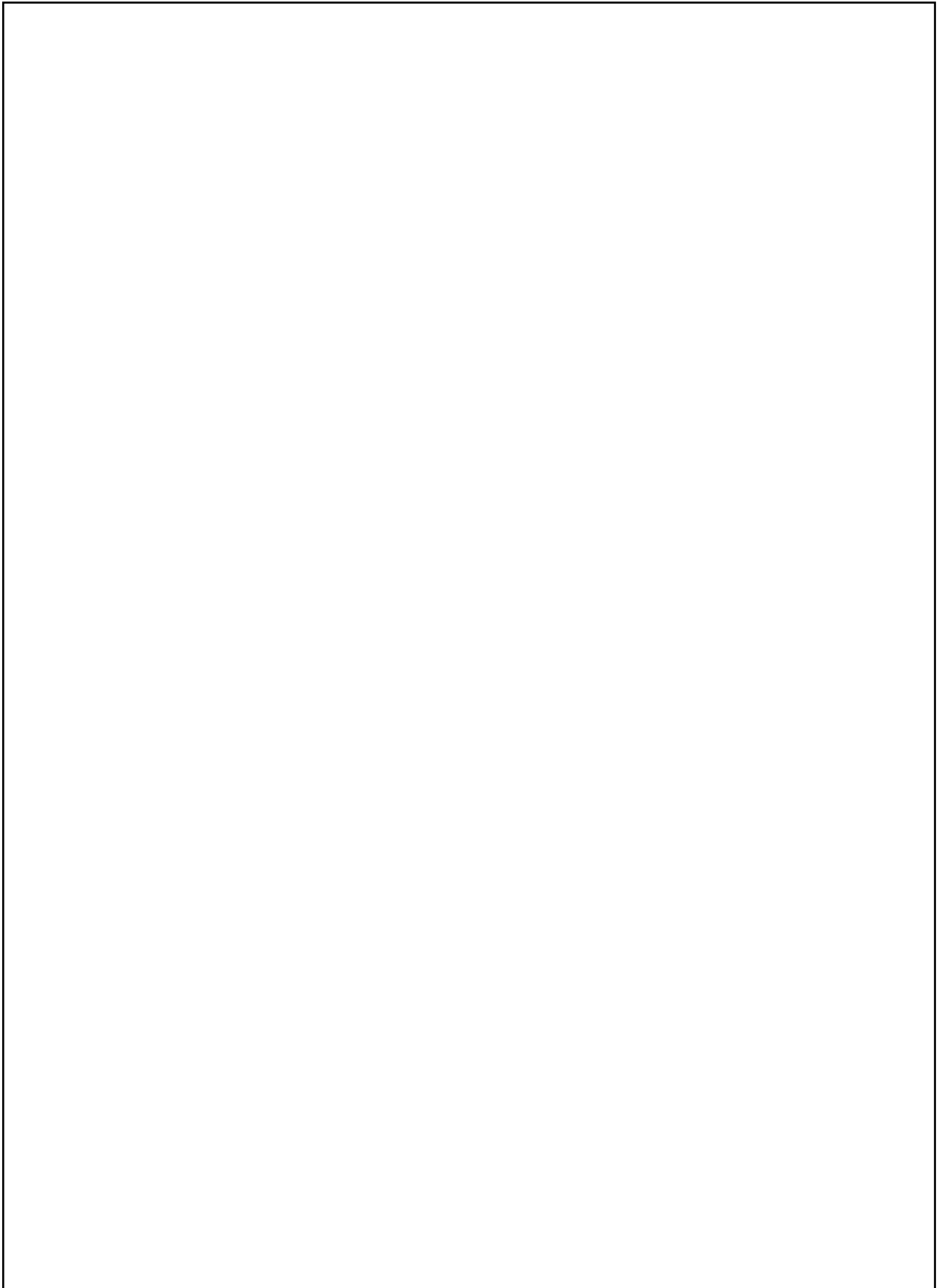
*Appendix 6***CLASSIFICATION OF FISHERS AND FARMERS**

To compile statistics on the number of fishers by sub-sectors of fisheries and working status, the classification of fishers and farmers will be used as follows:

<b>Main Category</b>	<b>Sub-sectors</b>	<b>Working Status</b>
1. Fishers (engaged in fisheries)	1.1 Marine capture fisheries	Full-time fishers
		Part-time fishers
	1.2 Inland capture fisheries	Full-time fishers
		Part-time fishers
		Occasional fishing by household members
2. Farmers (engaged in aquaculture)	2.1 Mariculture	
	2.2 Brackishwater culture	
	2.3 Freshwater culture	



**II**  
**SUMMARY 2014**



## OVERVIEW OF THE FISHERIES SECTOR OF SOUTHEAST ASIA IN 2014

Fish and fishery products are becoming more increasingly important as primary sources of protein for many peoples in the world, most especially for those in the Southeast Asian region. Many Southeast Asian countries are among the highest producers of fish and fishery products in the world. This publication is therefore intended to provide readers with a glimpse of the contribution of Southeast Asia's fishery and aquaculture production to the world's food fish basket. Based on the data and statistics provided by the Southeast Asian countries, SEAFDEC compiled and analyzed the necessary information that went into this publication. Of the 11 countries that comprise the Southeast Asian region, namely: Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Timor-Leste, Thailand, and Viet Nam, only ten countries are covered in this publication in view of the unavailability of fishery statistics and information from Timor-Leste.

### I. TOTAL FISHERY PRODUCTION OF SOUTHEAST ASIA

From 2010 to 2014, the worldwide trend of fishery production from both capture fisheries and aquaculture (**Table 1**) had been steadily increasing at an average rate of 6.9 million MT per year or 3.9% annually. Countries from Asia are the major producers, contributing about 53.0% to the total fishery production throughout the past 5 years. Specifically, the contribution from the Southeast Asian region to the world's total production was approximately 21.6%, which had been increasing from 16.7 million MT in 2010 to 42.2 million MT in 2014 at an average increase of 2.7 million MT per year or 7.8% annually. This feat has been achieved because of the intensified efforts of the governments of the Southeast Asian countries to promote responsible fishing practices and sustainable management of the fisheries sector, and the countries' adherence to the new paradigm of change in fisheries management.

Table 1. Fishery production by continent from 2010 to 2014 (million MT)\*

	2010	2011	2012	2013	2014
<b>World</b>	<b>168.2</b>	<b>177.3</b>	<b>182.4</b>	<b>191.1</b>	<b>195.7</b>
Africa	9.2	9.3	10.1	10.1	10.5
America	25.7	25.7	21.9	22.4	20.8
Asia**	91.1	91.1	93.2	100.4	103.8
Southeast Asia***	33.5	33.5	39.6	40.2	42.2
Europe	16.7	16.3	16.1	16.6	16.9
Oceania	1.4	1.4	1.5	1.4	1.5

\* Source of main data: FAO FishStat Plus-Universal Software for Fishery Statistical Time Series

\*\* Excludes Southeast Asia

\*\*\* Source: Fishery Statistical Bulletin of Southeast Asia (SEAFDEC, 2014)

During the period from 2010 to 2014, fishery production of Southeast Asia (**Table 2**) exhibited a continuously increasing trend not only in terms of volume but also in value. The annual average increase from 2010 to 2014 in volume was 7.8% and about 2.2% in terms of value. Although some countries were not able to provide the value of their respective fishery production in 2014, for example in the case of Viet Nam and Cambodia, the figures still imply that in addition to the increasing volume, most of the fishery commodities harvested in the region were of high value. By country, Indonesia reported the highest fishery production in 2014 in terms of volume accounting for about 48.8% of the total fishery production of Southeast Asia,

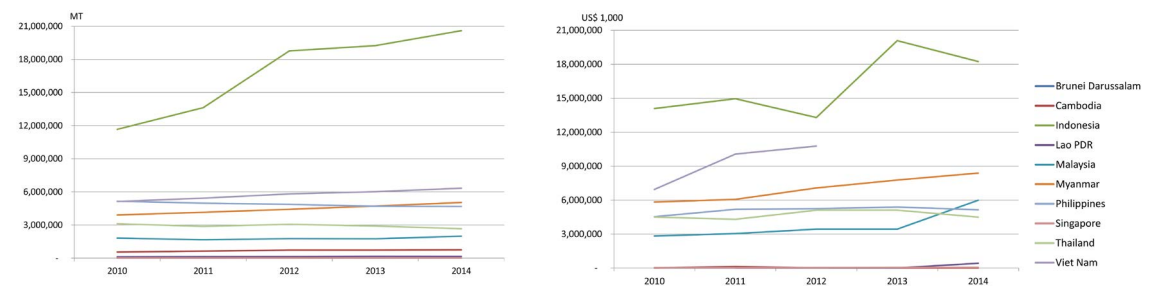
followed by Viet Nam contributing about 15.0% and Myanmar at 11.9%. The Philippines ranked next accounting for 11.1%, Thailand at 6.3%, Malaysia at 4.7%, and Cambodia at 1.8%. Lao PDR, Singapore and Brunei Darussalam contributed the least volume to the fishery production of Southeast Asia in 2014.

In terms of value, Indonesia led the Southeast Asian countries accounting for about 42.7% of the total value of the region's fishery production with Myanmar emerging second contributing about 19.6%, and Malaysia came in third contributing about 14%. Meanwhile, the Philippines which came in fourth in terms of volume and value, contributed about 12.0%, and Thailand which ranked fifth in terms of production volume as well as value accounted for 10.5%. The trend of the fishery production of the Southeast Asian countries in 2010-2014 is shown in **Fig. 1**. The drastic drop in the value of fishery production from Viet Nam does not necessarily mean very low or no value, as it only indicates the inability of the country to provide the necessary information on time.

Table 2. Total fishery production of Southeast Asia by quantity and value (2010-2014)

Total Fishery Production	2010	2011	2012	2013	2014
Quantity (MT)	31,438,431	33,488,051	39,567,813	40,229,315	42,217,156
Value (US\$ 1,000)	38,744,163	43,782,867	44,958,882	41,845,828	42,737,878

Fig. 1. Fishery production of the Southeast Asian countries in 2010-2014 (left in quantity; right in value)



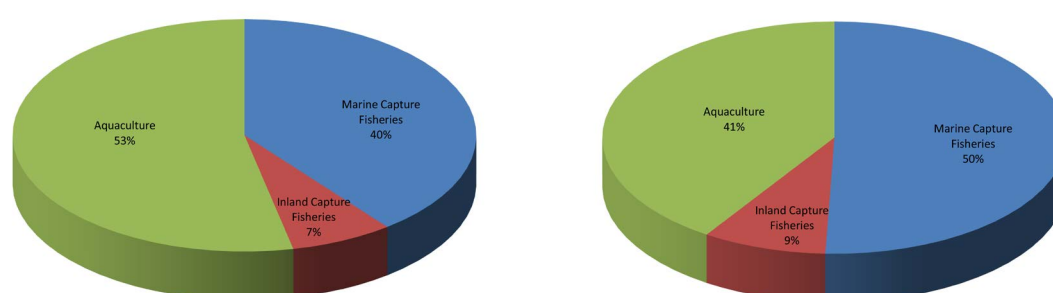
Fishery production of Southeast Asia comes from three sub-sectors, namely: marine capture fisheries, inland capture fisheries, and aquaculture. By sub-sector, the total fishery production of the region in 2014 as shown in **Table 3**, indicates that the largest portion of the production volume was derived from aquaculture accounting for approximately 53% followed by marine capture fisheries at about 40% and inland capture fisheries at 7%. In terms of production value, the trend was quite different as marine capture fisheries accounted for 50%, aquaculture at 41%, and inland capture fisheries at 9% (**Fig. 2**). While the value per metric ton of marine capture fishery products was about US\$ 1299/MT, those from inland capture fisheries and aquaculture were about US\$ 1220/MT and US\$773/MT, respectively. This implies that the global market had started to recognize the value of aquatic products harvested through inland capture fisheries, and had been patronizing such products.

Table 3. Fishery production (quantity and value) of Southeast Asia in 2014

Sub-sector	Quantity (MT)	Value * (US\$ 1,000)	Value/Quantity (US\$/MT)
Marine capture fishery	16,655,092	21,635,256	1299
Inland capture fishery	3,028,233	3,693,300	1220
Aquaculture	22,533,831	17,409,322	773
<b>Total</b>	<b>42,217,156</b>	<b>42,737,878</b>	

\* Data not available from Viet Nam

Fig. 2. Percentage of the sub-sectors' contribution to Southeast Asia's fishery production in 2014 (left in quantity; right in value)



## II. MARINE CAPTURE FISHERY PRODUCTION OF SOUTHEAST ASIA

The region's production from marine capture fisheries in 2010-2014 had been generally increasing as shown in **Table 4**. However, in terms of volume, the annual average increase was only minimal at about 3.0%. Meanwhile, the production value in 2014 had increased slightly by 6.3% compared with that of 2013 after a drop in value from 2011 to 2012. Such trend might have been affected by the severe drop in the total production value in 2012 influenced by the steep dive of the production value of Indonesia. Moreover, increases in the total production value from 2012 to 2013 had been very minimal, largely because of the unavailability of data from Viet Nam and Cambodia.

Table 4. Marine capture fishery production of Southeast Asia by quantity and value (2010-2014)

Marine Capture Fishery Production	2010	2011	2012	2013	2014
Quantity (MT)	14,874,445	15,095,450	15,590,704	16,152,674	16,655,092
Value (US\$ 1,000)	15,898,768	21,178,765	20,049,002	20,349,456	21,635,256*

\* Data not available from Viet Nam

In terms of quantity, the total production from marine capture fisheries of the Southeast Asian countries during 2010-2014 indicated that Indonesia contributed the highest production to the region's total. Specifically in 2014, Indonesia's production was 5.97 million MT accounting for approximately 35.8% of the region's total, followed by Viet Nam, Myanmar, and Philippines at 2.71 million MT (16.3%), 2.70 million MT (16.2%), and 2.13 million MT (12.8%), respectively. Thailand and Malaysia had also produced considerable amount from marine capture fisheries at 1.56 million MT (9.4%) and 1.46 million MT (8.8%), respectively. A picture of the region's production volume from marine capture fisheries in 2014 could be gleaned from **Fig. 3**.

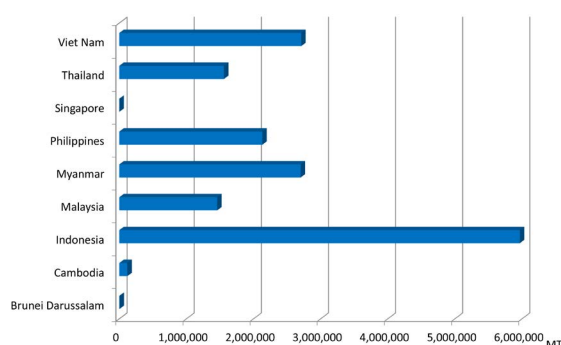


Fig. 3. Marine capture fisheries production of Southeast Asian countries in 2014

Although some Southeast Asian countries were not able to provide the value of their production from marine capture fisheries, the total value of the region's marine capture fishery production from 2010 to 2014 seemed to have increased corresponding to the increasing trend of the region's production volume. By country, Indonesia which led the Southeast Asian countries accounted for about 37% of the region's marine capture fishery production value in 2014, with Malaysia emerging second contributing about 22%. Meanwhile, Myanmar which came in third in terms of value contributed about 21%, Philippines came in fourth at 13%, and Thailand contributed about 7% during the same year.

Aggregating the 2014 production volume from marine capture fisheries by major commodity groups, marine fishes provided the highest volume (Table 5) accounting for about 87.8% followed by crustaceans at 3.7% while the mollusks and invertebrates contributed 3.3% and 0.7%, respectively. It should be noted that 4.5% was contributed by other commodity groups which could not be appropriately classified as some countries were not able to provide their respective production volume by species, e.g. Viet Nam. In 2014, the production volume of marine fishes and mollusks had slightly increased from that of 2013 by about 4.2% and 2.9%, respectively, but the production volume of crustaceans had decreased by about 4.4% compared with the corresponding volume in 2013.

Table 5. Production of the major commodity groups from marine capture fishery in Southeast Asia

Community Group	2010	2011	2012	2013	2014
Marine fishes	11,304,364	13,212,957	13,542,296	14,032,382	14,624,488
Crustaceans	615,705	599,454	637,408	656,362	627,640
Mollusks	516,264	1,114,730	544,584	532,871	548,348
Invertebrates	...	...	...	...	118,016
Others	...	...	...	931,059	736,600
<b>Total marine capture fishery production (MT)</b>	<b>14,874,445</b>	<b>15,095,450</b>	<b>15,590,704</b>	<b>15,221,615</b>	<b>16,655,092</b>

Comparing the volume of the total fishery production in 2014 with that of 2013, an increase in production of the marine fishes is obvious, which could have been influenced by various factors that include: Indonesia's increased production of various major commodities such as skipjack tuna (*Katsuwonus pelamis*) from fishing area 71, as well as scad nei (*Decapterus* spp.), yellowfin tuna (*Thunnus albacares*), and frigate tuna (*Auxis thazard*) also from fishing area 71, and increased production of the *Stolephorus* anchovies from fishing area 57; Thailand's production of major marine fishes that also increased considerably, especially *Rastrelliger* spp. from fishing areas 57 and 71; and Myanmar's increased production of marine fishes nei from fishing area 57.

<sup>1</sup> Fishing area 57 covers the marine fishing areas of Myanmar, Thailand (Indian Ocean), Malaysia (West Coast of Peninsula Malaysia), and Indonesia (Malacca Strait, West Sumatra and South Java, Bali-Nusa Tenggara)

<sup>2</sup> Fishing area 71 covers the marine fishing areas of Thailand (Gulf of Thailand), Cambodia, Viet Nam (Southwest and Southeast), Malaysia (East Coast of Peninsula Malaysia, Sabah, Sarawak), Singapore, Brunei Darussalam, Philippines (Luzon, Visayas, Mindanao), and Indonesia (East Sumatra, North Java, Bali-Nusa Tenggara, Southwest Kalimantan, East Kalimantan, South Sulawesi, North Sulawesi, Maluku-Papua)

Moreover, production of major species of mollusks had decreased in 2014 compared with that of 2013 which could have been influenced by Thailand's production of squid that had slightly decreased. Meanwhile, production of crustaceans in 2014 had increased compared with that of 2013, which could have been brought about by Indonesia's increased production of the giant tiger shrimp from fishing areas 57 and 71, and Thailand's increased production of penaeid shrimps from fishing area 71.

The economically-important marine species that provided sizeable contribution to the 2014 total fishery production of Southeast Asia from marine capture fisheries (by quantity and value) are shown in Table 6. The data indicate that miscellaneous marine fishes (unidentified) contributed the highest volume at 36.72% and value at 28.15%. Production from the tunas group contributed about 11.92% to the total production quantity and ranked the second highest, although it was ranked the highest in terms of value accounting for about 14.24% of the total production value.

Table 6. Economically important marine species caught in the region in 2014

Group/Species	Quantity (MT)	Percentage of total quantity of marine capture production (%)	Value (US\$1,000)	Percentage of total value of marine capture production (%)	Price (US\$/MT)
<b>Tunas</b>	<b>1,985,254</b>	<b>11.92</b>	<b>3,081,123</b>	<b>14.24</b>	<b>1552</b>
Frigate tuna	340,888		425,005		1247
Bullet tuna	45,005		47,296		1050
Kawakawa	295,750		398,166		1346
Skipjack tuna	735,225		927,783		1262
Longtail tuna	96,334		174,731		1814
Albacore tuna	8,811		22,493		2553
Southern bluefin tuna	1,063		2,502		2354
Yellowfin tuna	363,674		840,450		2311
Bigeye tuna	98,504		242,697		2464
<b>Scads</b>	<b>1,297,093</b>	<b>7.79</b>	<b>1,758,904</b>	<b>8.12</b>	<b>1356</b>
Scads nei	777,802		994,339		1278
Bigeye scad	201,199		363,638		1807
Yellowstripe scad	213,490		254,334		1191
Hardtail scad	104,602		149,593		1401
<b>Mackerels</b>	<b>1,063,810</b>	<b>6.38</b>	<b>1,988,106</b>	<b>9.19</b>	<b>1869</b>
Scomber mackerels nei	2,674		1,349		504
Other <i>rastrelliger</i> mackerels	816,235		1,420,507		1740
Queenfishes nei	243,901		566,250		2322
<b>Anchovies</b>	<b>429,510</b>	<b>2.58</b>	<b>466,825</b>	<b>2.16</b>	<b>1087</b>
<i>Stolephorus</i> anchovies	295,918		408,600		1381
Other anchovies	133,592		58,225		436
<b>Crustaceans</b>	<b>627,640</b>	<b>0.38</b>	<b>1,692,542</b>	<b>7.82</b>	<b>2697</b>
<b>Mollusks</b>	<b>391,122</b>	<b>2.35</b>	<b>1,026,756</b>	<b>4.74</b>	<b>2625</b>
<b>Marine fishes unidentified</b>	<b>6,115,488</b>	<b>36.72</b>	<b>6,089,825</b>	<b>28.15</b>	<b>996</b>

The data in **Table 6** also suggest that the production price of crustaceans group is valued the highest among the commodities harvested through marine capture fisheries at US\$ 2697/MT followed by the mollusks group at US\$ 2625/MT; albacore tuna (*Thunnus alalunga*) at US\$ 2553/MT; bigeye tuna (*Thunnus obesus*) at US\$ 2464/MT; southern bluefin tuna (*Thunnus maccoyii*) at 2354/MT; seerfishes nei (*Scomberomorus* spp.) at US\$ 2322/MT; yellowfin tuna (*Thunnus albacares*) at US\$ 2311/MT; longtail tuna (*Thunnus tonggol*) at US\$ 1814/MT; bigeye scad (*Selar crumenophthalmus*) at US\$ 1807/MT; other rastrelliger species (*Rastrelliger* spp.) at US\$ 1740/MT; torpedo scad (*Megalaspis cordyla*) at US\$ 1401/MT; and *Stolephorus* anchovies (*Stolephorus* spp.) at US\$ 1381/MT. The average price of miscellaneous marine fishes (unidentified) which contributed the highest volume in 2014 was estimated at US\$ 996/MT, implying that this group must have generated low-value fishes that possibly include trash fishes.

### III. INLAND CAPTURE FISHERY PRODUCTION OF SOUTHEAST ASIA

Southeast Asia's production from inland capture fisheries from 2010 to 2014 had generally increased and its growth during the same period had been remarkable. The region's total production from inland capture fisheries in 2014 was 3,028,233 MT accounting for approximately 15% of the region's total capture fishery production or 7% of the region's total fishery production. It should be recognized however that the compilation and reporting of production data from inland capture fisheries had been particularly weak and need to be improved. Thus, the data so far reported could be insufficient in terms of quantity and species composition. It should also be considered that in the real situation, catch of rural community members comprising the main users of the inland resources, is consumed locally and is usually not reported in local or national statistics. Accordingly, data on the total catch from inland capture fisheries in this publication could be considered as indicative only.

While eight countries reported their respective data on production from inland capture fisheries during 2010-2014, only six countries reported their corresponding production values. Thus, the actual regional production trend of the inland capture fisheries sub-sector could not be established. At any rate, as the consistent top producer, Myanmar maintains a stable inland fishery production from 2010 to 2014 that accounted for 33.8% of the country's total production from capture fisheries, 27.3% of the country's total fishery production, and 3.3% of the region's total fishery production (**Table 7**).

*Table 7. Contribution of Southeast Asian countries' inland capture fisheries to the region's total fishery production in 2014*

Country	Inland capture production (MT)	Total capture production (MT)	% of inland capture production to total capture production	Total fishery production (MT)	% of inland capture fishery production to total fishery production
Brunei Darussalam	...	3,186	...	3,947	...
Cambodia	505,005	625,255	80.77	745,310	67.76
Indonesia	446,309	6,413,648	6.96	20,600,772	2.17
Lao PDR	60,237	60,237	100	150,592	40
Malaysia	5,611	1,463,737	0.38	1,988,302	0.28
Myanmar	1,381,030	4,083,270	33.82	5,040,311	27.40
Philippines	211,941	2,343,813	9.04	4,681,418	4.53
Singapore	...	1,433	...	6,695	...
Thailand	209,800	1,769,546	11.86	2,667,309	7.87
Viet Nam	208,100	2,919,200	7.13	6,332,500	3.29
<b>Total</b>	<b>3,028,233</b>	<b>19,683,325</b>	<b>15.38</b>	<b>42,217,156</b>	<b>7.17</b>



The second highest producer, Cambodia reported production volume of 505,005 MT in 2014 that represented 80.8% of the country's production from capture fisheries, 67.7% of the country's total fishery production, and 1.2% of the region's total fishery production. However, such production volume could not be confirmed as accurate considering that the country needs to improve its systems of collecting and compiling the fishery statistics, especially with regards to the production from inland capture fisheries.

Only four countries, namely: Indonesia, Malaysia, Philippines, and Thailand, had provided their respective production data from inland capture fisheries by species, while the other countries were not able to report due to inadequacy of expertise in identifying the catch by species. Capacity building in this aspect is therefore necessary to enable the countries to compile their respective inland fishery production by major groups of species. Thus, production from inland capture fisheries of Myanmar, Lao PDR, Cambodia and Viet Nam in 2014 could not be analyzed in terms of species since species breakdown was not reported. Production of Indonesia, as the region's third highest producer, was made up mainly of the striped snakehead (*Chana striata*) which accounted for about 8.7% of the country's total production from inland capture fisheries.

Next to miscellaneous fishes which provided the highest production from inland capture fisheries accounting for 78.2% of the region's total inland fishery production in 2014 (Table 8), striped snakehead gave the second highest production at 2.1% followed by freshwater mollusks at 2.0%, Nile tilapia (*Oreochromis niloticus*) at 1.9%, silver barb (*Barbonymus gonionotus*) at 1.3%. Although the current reported production of giant river prawn (*Macrobrachium rosenbergii*) was relatively low at 14,094 MT, its value per metric ton of production was the highest at US\$ 4033/MT followed by the Asian redbtail catfish at US\$ 2253/MT and striped snakehead at US\$ 2081/MT.

Table 8. Production of major inland fisheries species in Southeast Asia in 2014

Common name	Quantity (MT)	Percentage of total quantity of inland capture production (%)	Value (US\$ 1,000)	Percentage of total value of inland capture production (%)	Price (US\$/MT)
Misc.fish	2,367,587	78.48	2,653,482	71.8	1121
Striped snakehead	64,929	2.14	135,120	3.7	2081
Freshwater mollusks nei	60,425	2.00	9,094	0.25	151
Nile tilapia	56,737	1.87	87,007	2.35	1534
Tilapia nei	54,180	1.79	68,663	1.86	1267
Silver barb	38,103	1.26	50,877	1.38	1335
Torpedo-shaped catfishes nei	34,750	1.15	51,808	1.40	1491
Snakeskin gourami	33,974	1.12	34,691	0.94	1021
Cyprinids nei	32,236	1.06	31,398	0.85	974
Climbing perch	31,955	1.06	53,191	1.44	1665
Asian redbtail catfish	27,157	0.90	61,187	1.66	2253

#### IV. AQUACULTURE PRODUCTION OF SOUTHEAST ASIA

In 2014, the region's total production from aquaculture accounted for about 53.4% of the region's total fishery production in terms of volume and 40.7% in terms of value. From 2010 to 2014, Southeast Asia's total production from aquaculture steadily increased at about 13.0% per year (Fig. 4), the highest annual increase of about 34.0% was recorded between 2011 and 2012, which could have been brought about by the sudden rise in the aquaculture production of Indonesia, Myanmar, and Viet Nam during the same period that also continued to increase until 2014. While the aquaculture production of Lao PDR, Philippines, Singapore, and Thailand had been slightly decreasing from 2013, production from aquaculture of the other Southeast Asian countries continued to increase, except those of the Philippines and Thailand that decreased a little during the same period.

Production of eucheuma seaweeds nei (*Eucheuma* spp.) of Indonesia, as the largest producer from aquaculture in 2014, contributed 62.9% in terms of production volume and 54.6% in production value to the region's total production of *Eucheuma* seaweeds, which also accounted for about 63.0% of the country's aquaculture production. This was followed by gracilaria seaweeds nei (*Gracilaria* spp.) accounting for 8.0%, Nile tilapia (*Oreochromis niloticus*) at 7.0%, torpedo-shaped catfishes (*Clarias* spp.) at 5.0%, and milkfish (*Chanos chanos*) at 4.0%. In the case of Viet Nam, as the second highest producer from aquaculture, 67.0% of its aquaculture production came from marine fishes nei (Osteichthyes) followed by penaeid shrimps nei (*Penaeus* spp.) which accounted for 16.0% of the country's aquaculture production. For the Philippines as the third highest producer from aquaculture, its main aquaculture product is the elkhorn sea moss (*Kappaphycus alvarezii*) contributing 61.0% to the country's production from aquaculture followed by milkfish (*Chanos chanos*) accounting for 17.0%, Nile tilapia at 7.0%, spiny *Eucheuma* (*Eucheuma denticulatum*) at 5.0%. For Myanmar, its main production from aquaculture is roho labeo (*Labeo rohita*) which accounted for 61.0% of the country's production from aquaculture followed by catla (*Catla catla*) accounting for 7.0%, tilapias nei (*Oreochromis* spp.) at 5.0%, giant tiger shrimp (*Penaeus monodon*), mrigal carp (*Cirrhinus mrigala*) and silver barb (*Barbonymus gonionotus*) at 4.0% each. Thailand's main aquaculture product is the whiteleg shrimp (*Penaeus vannamei*) accounting for 29.0% of the country's production from aquaculture followed by Nile tilapia (*Oreochromis niloticus*) at 21.0%, green mussel (*Perna viridis*) at 13.0%, hybrid catfishes (*C. gariepinus* x *C. macrophalus*) at 13.0%.

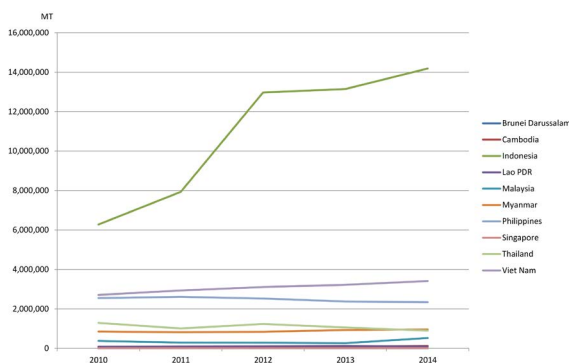
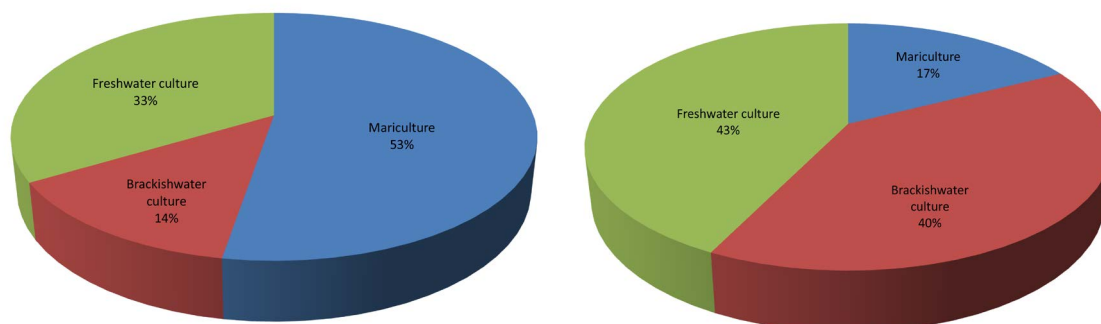


Fig 4. Trend of the aquaculture production (MT) of the Southeast Asian countries from 2010 to 2014

In terms of value per volume of aquaculture production in 2014, Brunei Darussalam attained the highest average price at US\$ 11,674/MT followed by Singapore at US\$ 8,125/MT, Thailand at US\$ 2846/MT, Malaysia at US\$ 2284/MT, Myanmar at US\$ 1941/MT, Lao PDR at US\$ 1200/MT, Philippines at US\$ 913/MT, and Indonesia at US\$ 670/MT. Meanwhile, the price per metric ton of aquaculture production of Cambodia and Viet Nam in 2014 could not be calculated as these countries did not report their respective total production values.

Aquaculture production comes from three environments, namely: marine, brackishwater, and freshwater. In terms of volume, aquaculture in marine areas or mariculture provided 53.0% to the region's total aquaculture production in 2014 while culture in brackishwater areas or brackishwater culture contributed 14.0%, and the remaining 33.0% came from freshwater culture (Fig. 5). However, in terms of value, freshwater culture production contributed the highest at 43.0% followed by brackishwater production at 40.0% and mariculture production at 17.0%.

Fig. 5 Percentage of aquaculture production by sub-sector in 2014 (left by quantity; right by value)



It should be recalled that in 2013, production from mariculture accounted for 50.0% of the total aquaculture production in terms of volume, while brackishwater culture production accounted for 15.0% and freshwater culture production at 35.0%. In terms of value, mariculture contributed 14.0% to the region's total aquaculture production value, brackishwater culture production at 45.0%, and freshwater culture production at 41.0%. This means that in 2014, production volume from mariculture increased by 10.3% from that of 2013 which could be due to the increased production of miscellaneous fishes nei in Viet Nam. While production from brackishwater culture in 2014 compared with that of 2013 increased by 72.7%, production from freshwater culture decreased by 2.6%. Although the value of production from brackishwater culture in 2014 had decreased but the value of production from mariculture had considerably increased.

#### 4.1 Mariculture

In 2014, the region's total production from mariculture contributed about 53.0% to the region's total production in terms of volume and 17.0% in terms of value. Farmed aquatic plants contributed 91.0% to the region's total volume of mariculture production, such as the spiny *Euचेuma* (*Euचेuma denticulatum*), *Euचेuma* seaweeds nei (*Euचेuma* spp.), *Caulerpa* seaweeds (*Caulerpa* spp.), and the elkhorn sea moss (*Kappaphycus alvarezii*). Production of *Euचेuma* seaweeds (*Euचेuma* spp.) mainly from Indonesia accounted for 75.6% of the region's total production volume from mariculture, followed by the elkhorn sea moss (*Kappaphycus alvarezii*) the main products of the Philippines which accounted for 14.2%, green mussel (*Perna viridis*) and blood cockle (*Anadara granosa*) mainly produced by Thailand at 1.2% and 0.8%, respectively. Shrimps, mainly produced by Viet Nam, contributed 1.1%, spiny *Euचेuma* (*Euचेuma denticulatum*) mainly produced by the Philippines at 0.9%, and oysters group mainly produced by the Philippines and Thailand at 0.3% (Fig. 6).

In terms of value, *Euचेuma* seaweeds (*Euचेuma* spp.) contributed 40.3% to the region's total mariculture production value followed by marine fishes accounting for 17.3%. In addition, the elkhorn sea moss contributed 15.0%, shrimps 7.2%, blood cockle 2.9%, oysters 1.4%, and green mussel at 1.1%, to the total value of the region's mariculture production (Fig. 6). Moreover, shrimps earned the highest value per volume at US\$ 1743/MT followed by marine fishes at US\$ 1276/MT, while the lowest value was obtained for the spiny *Euचेuma* at US\$ 71/MT (Table 9).

Fig 6. Mariculture production in 2014 by major species (left by quantity; right by value)

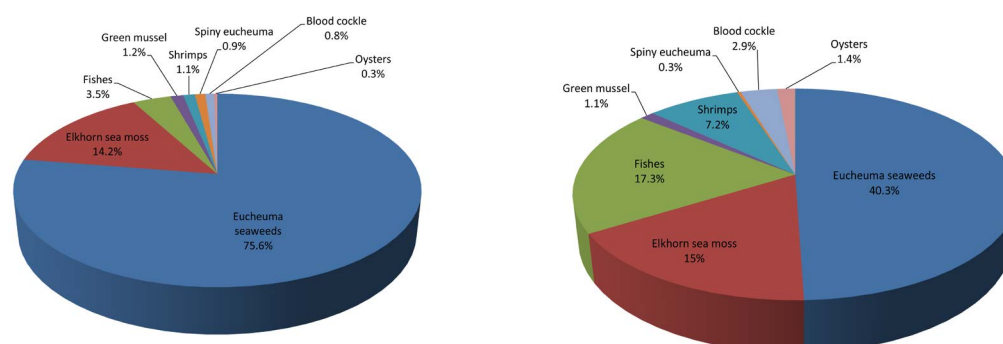


Table 9 Major mariculture species produced in the region (as of 2014)

Common name	Quantity (MT)	Percentage production of major commodities from mariculture to total mariculture production	Value (US\$ 1,000)	Percentage total value of major commodities production from mariculture to total mariculture value (%)	Price (US\$/MT)
<i>Eucheuma</i> seaweeds	8,971,463	75.6	1,345,719	40.3	149
Elkhorn sea moss	1,682,145	14.2	455,452	15.0	271
Fishes	413,135	3.5	527,335	17.3	1276
Green mussel	137,658	1.2	33,390	1.1	242
Shrimps	126,200	1.1	220,000	7.2	1743
Spiny <i>Eucheuma</i>	113,127	0.9	8,028	0.3	71
Blood cockle	94,170	0.8	87,005	2.9	924
Oysters	35,975	0.3	42,914	1.4	1193

For the value per volume of mariculture production in 2014, Brunei Darussalam posted the highest at an average of US\$ 10555/MT from its production of the highly economical species of giant sea perch (*Lates calcarifer*), followed by Singapore at US\$ 6755/MT for its production of milkfish (*Chanos chanos*), and Myanmar at US\$ 4364/MT for its shrimp production. Meanwhile, the mariculture production value of Thailand was at US\$ 893/MT, Malaysia at US\$ 815/MT, Philippines at US\$ 365/MT, and Indonesia at US\$ 185/MT.

#### 4.2 Brackishwater Culture

The total production from brackishwater culture in 2014 represented about 14.0% of the region's total production from aquaculture (Fig. 7). Production of gracilaria seaweeds (*Gracilaria* spp.) mainly produced by Indonesia had the highest volume representing 35.6% of the region's total production from brackishwater culture. The second highest was contributed by milkfish (*Chanos chanos*) at 23.7% contributed by Indonesia and the Philippines, and the third came from whiteleg shrimps (*Penaeus vannamei*) at 22.5% mainly contributed by Indonesia and Thailand. Miscellaneous fishes provided 8.1% and giant tiger shrimp (*Penaeus monodon*) at 7.6% contributed by Indonesia, Myanmar, and the Philippines. In terms of value, the

highest was provided by the whiteleg shrimp (*Penaeus vannamei*) with Indonesia and Thailand contributing the highest value at 45.0% followed by milkfish (*Chanos chanos*) produced by Indonesia and the Philippines at 23.0%, and giant tiger shrimp (*Penaeus monodon*) from Indonesia, Philippines, Myanmar, Thailand, and Malaysia at 19.9%.

Fig. 7. Brackishwater culture production in 2014 by species (left by quantity; right by value)

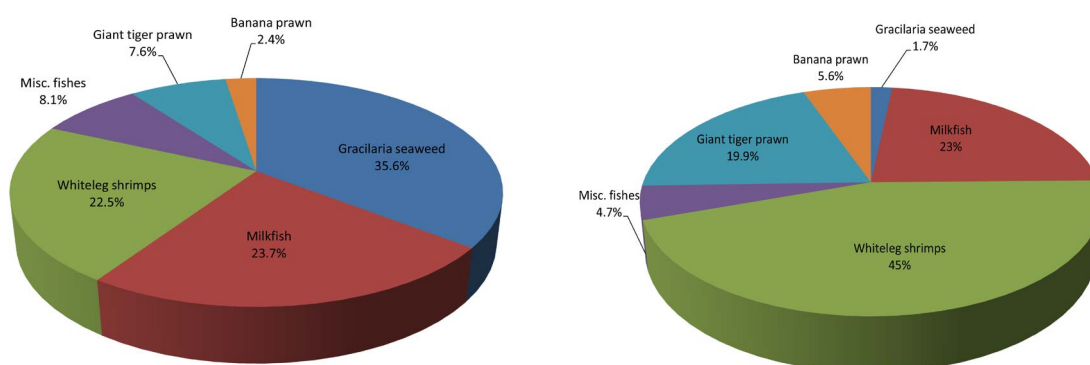


Table 10 Major brackishwater species cultured in the region (as of 2014)

Common name	Quantity (MT)	Percentage brackishwater culture production of major commodities to total brackishwater culture production	Value (US\$ 1,000)	Percentage total value of major commodities production from brackishwater culture to total brackishwater culture value (%)	Price (US\$/MT)
Gracilaria seaweed	1,106,065	35.6	121,649	1.7	110
Milkfish	738,605	23.7	1,592,394	23.0	2156
Whiteleg shrimp	699,776	22.5	3,119,429	45.0	4458
Misc. fishes	252,213	8.1	329,640	4.7	1307
Giant tiger prawn	237,571	7.6	1,379,358	19.9	5806
Banana prawn	74,838	2.4	386,191	5.6	5160

In terms of average value per volume of production from brackishwater culture, considering only the countries that reported their respective production value, Singapore posted the highest at US\$ 26495/MT, followed by Brunei Darussalam at US\$ 12044/MT, Malaysia at US\$ 5861/MT, Thailand at US\$ 5753/MT, Philippines at US\$ 4086/MT, Indonesia at US\$ 1442/MT, and Myanmar at US\$ 867/MT. Cambodia and Viet Nam did not report their respective production from brackishwater aquaculture in terms of volume and value. The highest value per metric ton of production was attained by the giant tiger shrimp at US\$ 5806/MT followed by whiteleg shrimps at US\$ 4458/MT, while gracilaria seaweed obtained the lowest at US\$ 110/MT (Table 10).

### 4.3 Freshwater Culture

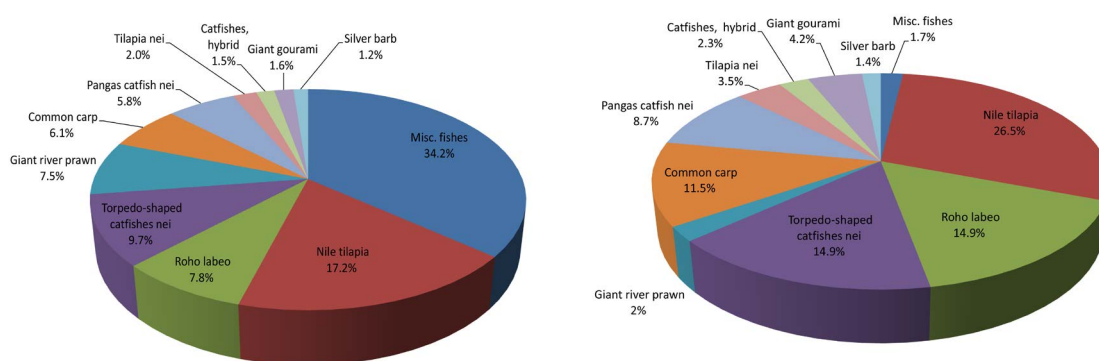
The region's total production from freshwater culture in 2014 accounted for about 33.0% of the region's total production from aquaculture, an increase of about 5.0% from that of the 2013. In 2014, Viet Nam was the highest producer from freshwater aquaculture contributing about 39.1% of the region's total production from freshwater culture, followed by Indonesia at 35.9%, Myanmar at 11.8%, Thailand at 5.5%, Philippines at 3.5%, Cambodia at 1.5%, Malaysia at 1.5%, and Lao PDR at 1.2%.

Accounting for 43.0% of the region's total aquaculture production value in 2014, the freshwater culture sub-sector seems to have emerged as a very important fisheries sub-sector. This is considering that its production value in 2014 had increased by almost 0.5% compared with that of 2013, although this information could be underestimated due to the missing corresponding production values from Cambodia and Viet Nam.

In terms of production volume from freshwater culture by species (**Fig 8**), miscellaneous freshwater fishes accounted for 34.2% of the region's total production from freshwater culture, which was mainly contributed by Viet Nam. This was followed by Nile tilapia (*Oreochromis niloticus*) which accounted for 17.2% and contributed mainly by Indonesia, Thailand, and the Philippines, and roho labeo (*Labeo rohita*) came in next at 7.8% contributed mainly by Myanmar. Torpedo-shaped catfish (*Clarias* spp.) followed at 9.7% contributed mainly by Indonesia, giant river prawn (*Macrobrachium rosenbergii*) at 7.5% mainly contributed by Viet Nam, common carp (*Cyprinus carpio*) accounted for 6.1% contributed by Indonesia, and pangas catfishes nei (*Pangasius* spp.) at 5.8% mainly contributed by Indonesia.

On production value, the highest contributor to the region's total production value from freshwater culture in 2014 was Nile tilapia at 26.5% followed by roho labeo (14.9%), torpedo-shaped catfishes (14.9%), common carp (11.5%), giant gourami (4.2%), tilapia nei (3.5%), catfishes hybrid (2.3%), giant river prawn (2.0%), and silver barb (1.4%). For the value per volume of major freshwater culture species, the highest was earned by giant gourami at US\$ 2582/MT followed by roho labeo at US\$ 1899/MT, common carp at US\$ 1835/MT, and tilapia nei at US\$ 1720 (**Table 11**).

Fig. 8. Production of major freshwater culture species in 2014 (by quantity (left) and value (right))



Furthermore, for the value of production from freshwater culture by country, Singapore presented the highest average value at US\$ 10781/MT mainly coming from its production of the Indonesian snakehead (*Channa micropeltis*). This was followed by Brunei Darussalam at US\$ 6286/MT mainly for its production of Nile tilapia and torpedo-shaped catfishes nei (*Clarias* spp.), Malaysia at US\$ 2036/MT also for its production of torpedo-shaped catfishes nei, Thailand at US\$ 1839/MT, Myanmar at US\$ 1781/MT, Philippines at US\$ 1635/MT, Indonesia at US\$ 1589/MT, and Lao PDR at US\$ 1200/MT.

Table 11 Major freshwater species cultured in the region (as of 2014)

Common name	Quantity (MT)	Percentage freshwater culture production of major commodities to total freshwater culture production	Value (US\$ 1,000)	Percentage total value of major commodities production from freshwater culture to total freshwater culture value (%)	Price (US\$/MT)
Misc. fishes	2,587,773	34.2	128,545	1.7	50*
Nile tilapia	1,301,935	17.2	1,976,012	26.5	1518
Roho labeo	587,071	7.8	1,114,995	15.0	1899
Torpedo-shaped catfishes nei	736,693	9.7	1,107,415	14.9	1503
Giant river prawn	567,299	7.5	147,276	2.0	260
Common carp	464,919	6.1	853,105	11.5	1835
Pangas catfishes nei	436,040	5.8	645,703	8.7	1480
Tilapia nei	153,874	2.0	264,747	3.5	1720
Catfishes, hybrid	113,832	1.5	173,025	2.3	1520
Giant gourami	122,116	1.6	315,337	4.2	2582
Silver barb	93,334	1.2	108,401	1.5	1161

Note: \* Computation of price excludes corresponding quantity production from Viet Nam

## V. FISHING GEAR ANALYSIS

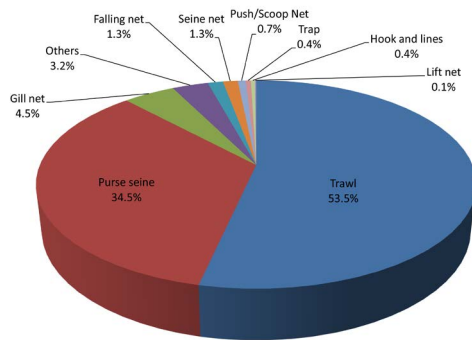
As of 2014, information on fishing gear used in the region reflected in this publication, was based on the production from marine capture fisheries by type of fishing gear as reported by four countries, namely: Brunei Darussalam, Malaysia, Singapore, and Thailand. From such information, the highest production by type of gears in Brunei Darussalam came from trawls accounting for about 62.5% of the total production of all types of gears. This was followed by purse seine at 32.4% with yellowfin tuna (*Thunnus albacares*), kawakawa (*Euthynnus affinis*), rainbow sardine (*Dussumieria acuta*), and bigeye scad (*Selar crumenophthalmus*) comprising almost all of the commodities produced.

For Malaysia, trawls were very prominent with total production that accounted for 47.0% of the country's production from all types of gears, of which trash fishes comprised 32.3% of the trawl's total production. This was followed by purse seines contributing about 23.6% to the total production from all types of gears, where scads (*Decapterus* spp.) comprised 26.2% of the total production from purse seines. Seine nets came third contributing 2.3% to the production from all types of gears, where trash fish accounted for about 45.5% of the total production from seine nets.

For Thailand, trawls gave the highest production by type of gears for about 44.6% with trash fishes representing about 37.1%, marine fishes nei about 15%, and lizard fishes nei (*Saurida* spp.) about 5.8%. Purse seines came in second contributing 35.2% to the production from all types of gears with *Stolephorus* anchovies (*Stolephorus* spp.) at about 20.8%, Indian mackerel (*Rastrelliger kanagurta*) about 17.7%, and *Sardinella* nei (*Sardinella* spp.) about 11.9%.

In the case of Singapore, trawls gave the highest production by type of gears for about 100.0% with penaeid shrimps nei (*Penaeus* spp.) accounting for about 15.7%, marine fishes nei about 15.5%, and blue swimming crab (*Portunus pelagicus*) about 6.9% of production from all gear types.





Production from marine capture fisheries of the Southeast Asian region by types of gear is shown in **Fig. 9**. As the highest producing fishing gear, trawls accounted for about 53.5% of the total production from all types of gears, followed by the purse seines at about 34.5%, gill nets at 4.5%, others at 3.2%, falling nets at 1.3%, seine nets at 1.3%, push/scoop nets at 0.7, traps at 0.4%, hook and line also at 0.4%, and lift net at 0.1%. However, the trend on gear used in marine capture fisheries could not be appropriately analyzed as several countries such as Cambodia, Indonesia, Myanmar, Philippines, and Viet Nam did not provide the relevant information.

*Fig 9. Marine capture fishery production by type of gear used in 2014*

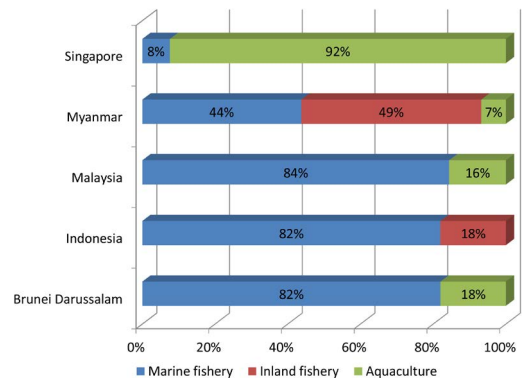
**VI. NUMBER OF FISHING BOATS BY TYPE**

This report covers only the boats that have been registered in each country of Southeast Asia, except for Cambodia and Lao PDR which did not report their respective number of registered fishing boats in 2014. Based on the data available as of 2014, Indonesia had the highest number of boats at 651,966 of which 174,184 were non-powered while 477,782 were powered boats, followed by Malaysia with 57,972 of which 3,032 were non-powered and 54,940 powered. The third highest number was reported by Viet Nam with 31,235 boats, followed by Myanmar with 28,958 boats of which 13,732 were non-powered and 15,226 powered, Thailand with 23,556 boats, Philippines with 6,317 boats, Singapore with 15 boats and Brunei Darussalam with 38 boats.

**VII. NUMBER OF FISHERS BY WORKING STATUS**

In 2014, Myanmar had the highest number of fishers at 3,201,750, of which 44% were involved in marine capture fisheries, 49% in inland capture fisheries, and 7% in the aquaculture sector. Indonesia had the second highest number of fishers at 2,667,440 with 82% in marine capture fisheries and 18% in inland capture fisheries. Malaysia has the third highest number of fishers and fish farmers at 169,937 with 84% in marine capture fisheries and 16% in the aquaculture sector (**Fig 10**). Although minimal, Singapore and Brunei Darussalam also reported their respective numbers of fishers but Cambodia, Lao PDR, Philippines, Thailand, and Viet Nam were not able to provide the information on their respective numbers of fishers.

Efforts to improve data availability and statistics in support of data and information should therefore be intensified by encouraging countries to enhance reporting on small-scale fisheries operations through the conduct of census and surveys using questionnaires. This would enable the countries to compile the necessary data and information on fisheries including the number of fishers and fish farmers as well as on the number of fishing vessels and gear used.



*Fig 10. Number of fishers by working status in 2014*



### VIII. AQUACULTURE PRODUCTION OF ORNAMENTAL FISHES

In 2014, only three countries reported their respective production from aquaculture of ornamental fishes, namely: Indonesia, Malaysia and Myanmar. Of these countries, Indonesia reported the highest production comprising mainly the common carp (*Cyprinus carpio*) followed Siamese fighting fish (*Betta splendens*), gold fish (*Carassius auratus*), and guppy (*Poecilia reticulata*). Malaysia reported the second highest production in 2014 comprising mainly the cyprinidae, characins, and cichlids. Myanmar reported that its production comprised mainly the gold fish (*Carassius auratus*) followed by Asian barb *ne* (*Puntius spp.*), freshwater angelfish (*Pterophyllum scalare*), and common carp (*Cyprinus carpio*).

In terms of value per piece, the highest was posted by the cyprinidae and poecillids at US\$ 0.36/pc and US\$ 0.63/pc, respectively in Malaysia, and goldfish from Myanmar at US\$ 0.95/pc. Efforts will be made to improve the compilation of data from aquaculture production of ornamental fishes considering that this is a budding industry in the fisheries sector.

### IX. SEED PRODUCTION FOR AQUACULTURE

The need to collect information on the volume of seeds produced from the aquaculture industry was recommended in many fora as this factor has a significant role to play in enhancing the economic analysis of the region's aquaculture industry. Thus, compilation of the said information was initiated by SEAFDEC in 2008 although only four countries responded, namely: Cambodia, Malaysia, Myanmar and Singapore, by providing the relevant information. Brunei Darussalam joined in 2009 by also giving its data on this aspect. In 2010, Indonesia entered into the picture but information from Brunei Darussalam and Cambodia had faded away.

In 2011 however, Brunei Darussalam, Indonesia, Malaysia, Myanmar, and Singapore provided their respective relevant information, and continued to provide the relevant information until 2014. Efforts will be exerted to gather the said information from all the Southeast Asian countries for the next issue of this publication, in order that the true picture of this significant niche of the aquaculture industry could be established.

### X. ANALYSIS OF PRODUCER PRICE OF COMMODITIES FROM CAPTURE FISHERIES

Although the commodities being harvested by the Southeast Asian countries through capture fisheries varied, the trend of the producer prices was established only for certain species which are commonly caught. Results of the analysis however indicated that the producer prices of several commodities harvested by the countries differ in each country, considering that fish prices are influenced by such factors as demand and supply, as well as cost of production including feeds and transportation, and alternative commodities.

For inland fish species, the producer price of common carp (*Cyprinus carpio*) in Malaysia in 2014 was recorded at US\$ 2.27/kg while it was US\$ 1.23/kg in Thailand. For the Hoven's carp (*Leptobarbus hoeveni*) the producer price in Malaysia was US\$ 9.02/kg compared to Indonesia's US\$ 2.26/kg. In the case of the giant river prawn (*Macrobrachium rosenbergii*), the producer price in Brunei Darussalam was US\$ 9.7/kg while the lowest price was US\$ 4.92/kg in Indonesia or an average price of US\$ 14.62/kg. For other freshwater prawns (Palaemonidae), the producer price in Thailand was US\$ 21.55/kg while the lowest price was US\$ 2.87/kg in Indonesia or an average price of US\$ 12.21/kg.

For marine fish species, the producer price of barramundi or giant seaperch (*Lates calcarifer*) in Brunei Darussalam in 2014 was US\$ 5.22/kg compared to Indonesia's US\$ 2.09/kg. Grouper nei (*Epinephelus* spp.) in Singapore cost US\$ 9.07/kg in 2014 compared to US\$ 5.97/kg in Brunei Darussalam. Likewise, for the threadfin breams nei (*Nemipterus* spp.) the producer price in Singapore was US\$ 7.91/kg which was much higher than that of Indonesia at US\$ 1.33/kg.

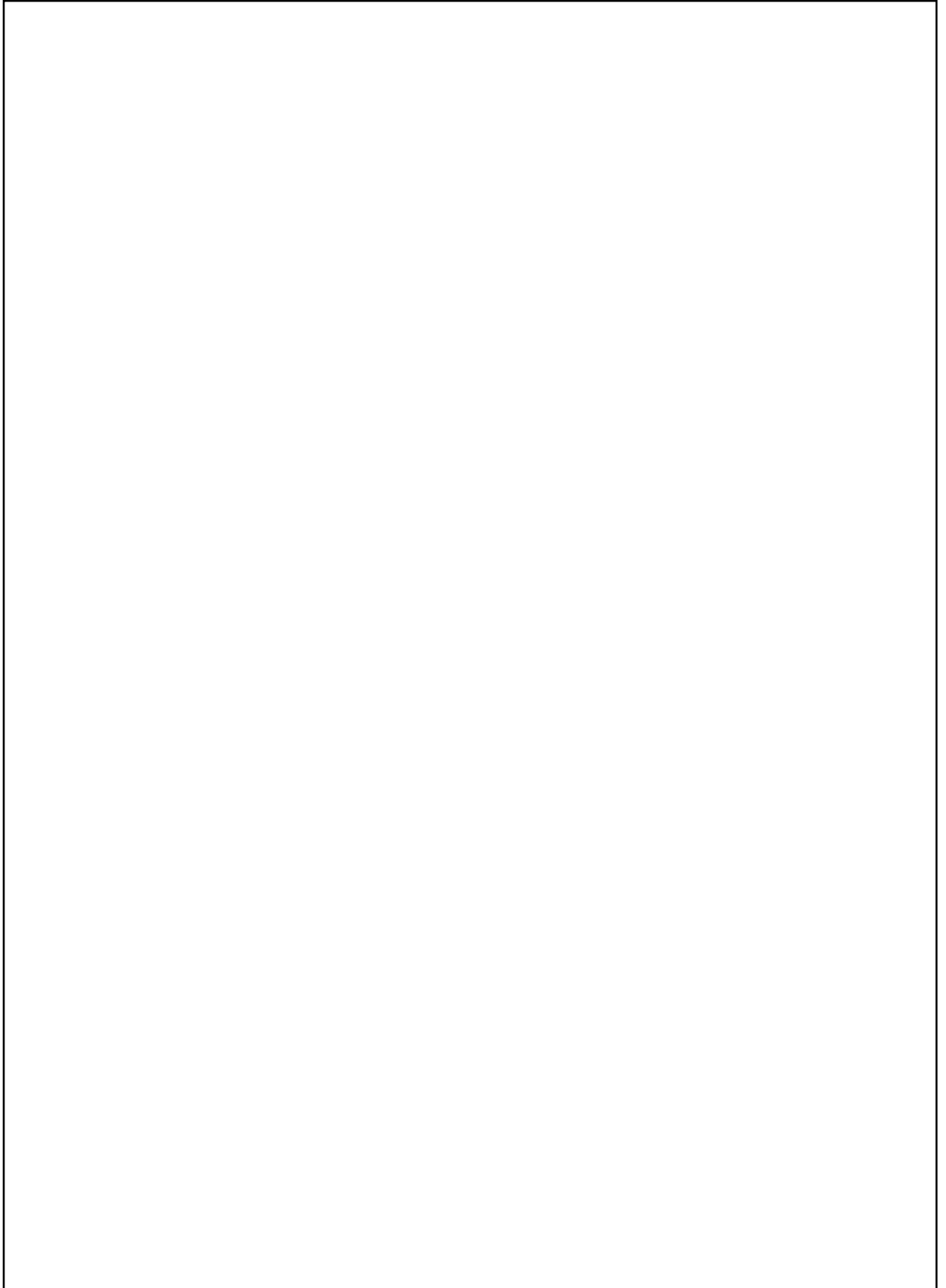
Meanwhile, the producer price in 2014 of the false trevally (*Lactarius lactatus*) in Thailand was US\$ 10.77/kg compared to Indonesia's US\$ 0.82/kg. For silver pomfret (*Pampus argenteus*), the producer price in Thailand was US\$ 18.5/kg while it was US\$ 3.02/kg in Indonesia. For the Indian mackerel (*Rastrelliger kanagurta*), the producer price in Brunei Darussalam was US\$ 3.94/kg while the lowest price was US\$ 1.07/kg in Indonesia or an average price of US\$ 2.14/kg.

For the giant tiger shrimp (*Penaeus monodon*), the highest producer price was in Brunei Darussalam at US\$ 9.7/kg while the lowest was US\$ 5.16/kg in Indonesia or an average of US\$ 7.43/kg. For banana shrimp (*Penaeus merguensis*), the highest price was in Malaysia at US\$ 9.92/kg with the lowest in Indonesia at US\$ 3.38/kg and an average of US\$ 7.11/kg.

For the Indo-Pacific swamp crab (*Scylla serrata*), the highest price was in Singapore at US\$ 12.43/kg with the lowest in Indonesia at US\$ 3.21/kg for an average of US\$ 5.89/kg. In the case of the blue swimming crab (*Portunus pelagicus*), the highest price was in Thailand at US\$ 7.48/kg and the lowest was in the Indonesia at US\$ 2.20/kg, and an average price of US\$ 4.55/kg.

As for the hard clams nei (*Meretix* spp.) the highest price was US\$ 11.85/kg in Thailand while the lowest was in Indonesia at US\$ 0.66/kg with an average of US\$ 6.25/kg. As could be gleaned from the abovementioned information, the producer price trends among the countries in the region for the same commodities generally had very wide variations.

**III**  
**STATISTICAL TABLES 2014**



## 1. ANNUAL SERIES OF FISHERY PRODUCTION

### 1.1 Total Production

#### 1.1.1 In Quantity

		MT				
Country		2010	2011	2012	2013	2014
Total		31,438,431	33,488,051	39,567,813	40,229,315	42,217,156
Brunei Darussalam	1	2,772	2,447	5,079	3,431	3,947
Cambodia	2	550,000	631,695	728,000	728,000	745,310
Indonesia	3	11,662,311	13,626,141	18,763,893	19,245,632	20,600,772
Lao PDR	4	113,000	129,600	136,000	164,228	150,592
Malaysia	5	1,806,577	1,665,842	1,760,840	1,749,314	1,988,302
Myanmar	6	3,901,979	4,149,799	4,417,676	4,715,840	5,040,311
Philippines	7	5,155,647	4,973,588	4,865,678	4,695,369	4,681,418
Singapore	8	5,229	5,954	6,202	7,210	6,695
Thailand	9	3,113,316	2,870,085	3,068,345	2,900,591	2,667,309
Viet Nam <sup>A</sup>	10	5,127,600	5,432,900	5,816,100	6,019,700	6,332,500

Note: A Figures from Statistical Handbook of Viet Nam 2014

#### 1.1.2 In Value

		US\$ 1,000				
Country		2010	2011	2012	2013	2014
Total		38,744,163	43,782,867	44,958,882	41,845,828	42,737,878
Brunei Darussalam	1	11,626	9,839	23,153	11,930	17,962
Cambodia	2	...	126,850	...	...	...
Indonesia	3	14,085,949	19,954,948	13,292,210	20,086,772	18,238,185
Lao PDR	4	...	...	...	...	421,658
Malaysia	5	2,821,786	3,043,037	3,434,589	3,434,477	5,985,420
Myanmar	6	5,821,638	6,065,596	7,067,139	7,767,155	8,387,601
Philippines	7	4,534,628	5,186,788	5,238,384	5,389,413	5,142,892
Singapore	8	25,423	24,789	24,984	43,202	52,225
Thailand	9	4,501,934	4,305,354	5,112,243	5,112,879	4,491,935
Viet Nam	10	6,941,179	10,065,666	10,767,180	...	...

**1.2 Marine Fishery Production****1.2.1 In Quantity**

						MT
Country		2010	2011	2012	2013	2014
Total		14,874,445	15,095,450	15,590,704	16,152,674	16,655,092
Brunei Darussalam	1	2,351	2,154	4,523	2,825	3,186
Cambodia	2	85,000	114,695	110,000	110,000	120,250
Indonesia	3	5,039,416	5,328,637	5,400,977	5,707,020	5,967,139
Lao PDR	4	...	...	...	...	...
Malaysia	5	1,428,881	1,373,105	1,472,239	1,482,900	1,458,126
Myanmar	6	2,048,590	2,169,820	2,332,790	2,483,870	2,702,240
Philippines	7	2,424,476	2,171,770	2,145,233	2,127,368	2,131,872
Singapore	8	1,732	1,618	1,969	1,644	1,433
Thailand	9	1,617,399	1,633,651	1,612,073	1,630,047	1,559,746
Viet Nam <sup>A</sup>	10	2,226,600	2,300,000	2,510,900	2,607,000	2,711,100

Note: A Figures from Statistical Handbook of Viet Nam 2014

**1.2.2 In Value**

						US\$ 1,000
Country		2010	2011	2012	2013	2014
Total		15,898,768	21,178,765	20,049,002	20,349,456	21,635,256
Brunei Darussalam	1	6,676	8,168	18,423	8,435	9,078
Cambodia	2	...	...	...	...	...
Indonesia	3	6,558,115	7,099,887	4,863,264	8,996,545	8,013,699
Lao PDR	4	...	...	...	...	...
Malaysia	5	2,015,563	2,267,800	2,583,057	2,646,322	4,768,077
Myanmar	6	3,400,287	3,580,203	3,849,103	4,098,385	4,458,696
Philippines	7	2,524,841	3,016,434	2,889,819	2,996,484	2,787,028
Singapore	8	10,559	9,751	12,298	10,987	9,469
Thailand	9	1,382,727	1,412,363	1,448,858	1,592,298	1,589,209
Viet Nam	10	...	3,784,159	4,384,180	...	...

### 1.3 Inland Fishery Production

#### 1.3.1 In Quantity

Country		MT				
		2010	2011	2012	2013	2014
Total		2,377,253	2,641,094	2,819,963	2,873,193	3,028,233
Brunei Darussalam	1	...	...	...	...	...
Cambodia	2	405,000	445,000	528,000	528,000	505,005
Indonesia	3	344,972	368,542	393,552	391,324	446,509
Lao PDR	4	30,900	34,000	34,105	40,143	60,237
Malaysia	5	4,545	5,695	5,042	5,641	5,611
Myanmar	6	1,002,430	1,163,159	1,246,460	1,302,970	1,381,030
Philippines	7	185,406	193,698	195,804	194,615	211,941
Singapore	8	...	...	...	...	...
Thailand	9	209,800	228,500	222,500	213,700	209,800
Viet Nam <sup>A</sup>	10	194,200	202,500	194,500	196,800	208,100

Note: A Figures from Statistical Handbook of Viet Nam 2014

#### 1.3.2 In Value

Country		US\$ 1,000				
		2010	2011	2012	2013	2014
Total		2,526,476	2,914,462	3,226,605	3,279,733	3,693,300
Brunei Darussalam	1	...	...	...	...	...
Cambodia	2	...	...	...	...	...
Indonesia	3	546,937	635,754	793,238	741,813	721,042
Lao PDR	4	...	...	...	...	313,232
Malaysia	5	13,138	17,978	18,376	20,129	19,441
Myanmar	6	1,503,645	1,744,738	1,869,690	1,954,455	2,071,545
Philippines	7	174,479	185,799	196,239	206,569	220,480
Singapore	8	...	...	...	...	...
Thailand	9	288,277	330,193	349,062	356,767	347,560
Viet Nam	10	...	...	...	...	...

**1.4 Aquaculture Production****1.4.1 In Quantity**

MT

Country		2010	2011	2012	2013	2014
Total		14,186,737	15,751,145	21,156,490	21,203,449	22,533,831
Brunei Darussalam	1	421	293	556	606	761
Cambodia	2	60,000	72,000	90,000	90,000	120,055
Indonesia	3	6,277,923	7,928,962	12,969,364	13,147,288	14,187,124
Lao PDR	4	82,100	95,600	101,895	124,085	90,355
Malaysia	5	373,151	287,042	283,559	260,774	524,565
Myanmar	6	850,959	816,820	838,426	929,000	957,041
Philippines	7	2,545,765	2,608,120	2,524,641	2,373,386	2,337,605
Singapore	8	3,501	3,974	3,577	5,566	5,262
Thailand	9	1,286,117	1,007,934	1,233,772	1,056,844	897,763
Viet Nam <sup>A</sup>	10	2,706,800	2,930,400	3,110,700	3,215,900	3,413,300

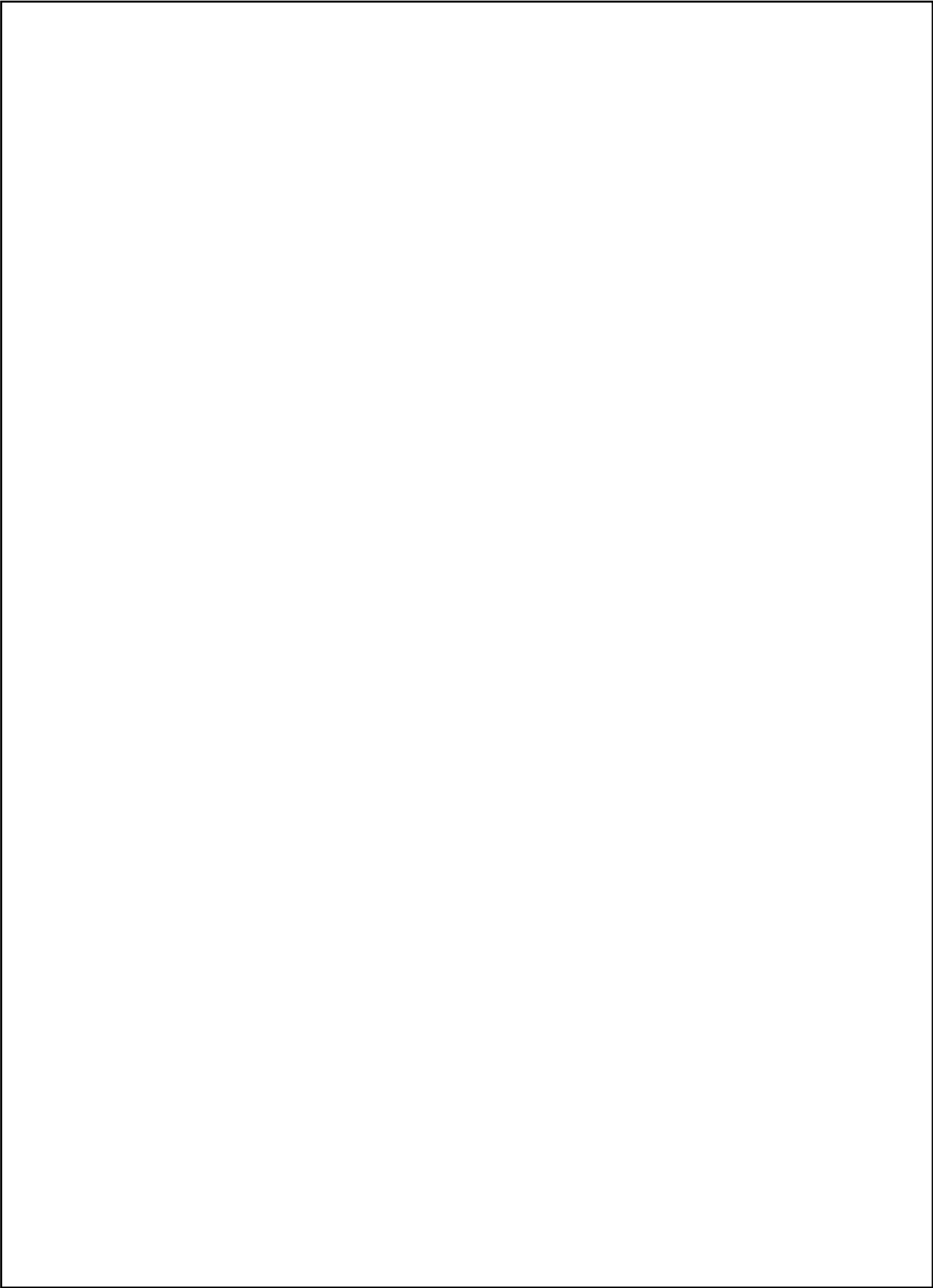
Note: A Figures from Statistical Handbook of Viet Nam 2014

**1.4.2 In Value**

US\$ 1,000

Country		2010	2011	2012	2013	2014
Total		12,266,720	19,689,701	21,683,275	18,216,639	17,409,322
Brunei Darussalam	1	505	1,671	4,730	3,495	8,884
Cambodia	2	...	126,850	...	...	...
Indonesia	3	6,980,467	7,219,307	7,635,708	10,348,414	9,503,444
Lao PDR	4	...	...	...	...	108,426
Malaysia	5	823,011	757,320	833,156	768,026	1,197,902
Myanmar	6	270,873	740,665	1,348,346	1,714,315	1,857,360
Philippines	7	1,836,799	1,984,554	2,152,326	2,186,360	2,135,384
Singapore	8	18,728	15,039	12,686	32,215	42,756
Thailand	9	2,336,337	2,562,798	3,313,323	3,163,814	2,555,166
Viet Nam	10	...	6,281,507	6,383,000	...	...





## 2. FISHERY PRODUCTION BY SUB-SECTOR

## 2.1 In Quantity, 2014

MT

Country		Total	Marine capture fishery	Inland capture fishery
Total		42,217,156	16,655,092	3,028,233
Brunei Darussalam	1	3,947	3,186	...
Cambodia	2	745,310	120,250	505,005
Indonesia	3	20,600,772	5,967,139	446,509
Lao PDR	4	150,592	...	60,237
Malaysia	5	1,988,302	1,458,126	5,611
Myanmar	6	5,040,311	2,702,240	1,381,030
Philippines	7	4,681,418	2,131,872	211,941
Singapore	8	6,695	1,433	...
Thailand	9	2,667,309	1,559,746	209,800
Viet Nam <sup>A</sup>	10	6,332,500	2,711,100	208,100

Note: A Figures from Statistical Handbook of Viet Nam 2014

## 2.1 In Quantity, 2014 (Cont'd)

MT

Country		Aquaculture			
		Sub-total	Mariculture	Brackishwater culture	Freshwater culture
Total		22,533,831	11,866,723	3,109,068	7,558,040
Brunei Darussalam	1	761	162	592	7
Cambodia	2	120,055	7,416	...	112,639
Indonesia	3	14,187,124	9,029,843	2,446,031	2,711,250
Lao PDR	4	90,355	...	...	90,355
Malaysia	5	524,565	287,980	125,801	110,784
Myanmar	6	957,041	59,705	1,845	895,491
Philippines	7	2,337,605	1,820,533	254,692	262,380
Singapore	8	5,262	4,252	200	810
Thailand	9	897,763	202,732	279,907	415,124
Viet Nam <sup>A</sup>	10	3,413,300	454,100	...	2,959,200

Note: A Figures from Statistical Handbook of Viet Nam 2014

## 2.2 In Value, 2014

US\$ 1,000

Country		Total	Marine capture fishery	Inland capture fishery
Total		42,737,878	21,635,256	3,693,300
Brunei Darussalam	1	17,962	9,078	...
Cambodia	2	...	...	...
Indonesia	3	18,238,185	8,013,699	721,042
Lao PDR	4	421,658	...	313,232
Malaysia	5	5,985,420	4,768,077	19,441
Myanmar	6	8,387,601	4,458,696	2,071,545
Philippines	7	5,142,892	2,787,028	220,480
Singapore	8	52,225	9,469	...
Thailand	9	4,491,935	1,589,209	347,560
Viet Nam	10	...	...	...

## 2.2 In Value, 2014 (cont'd)

US\$ 1,000

Country		Aquaculture			
		Sub-total	Mariculture	Brackishwater culture	Freshwater culture
Total		17,409,322	3,040,573	6,928,661	7,440,088
Brunei Darussalam	1	8,884	1,710	7,130	44
Cambodia	2	...	...	...	...
Indonesia	3	9,503,444	1,668,006	3,526,200	4,309,238
Lao PDR	4	108,426	...	...	108,426
Malaysia	5	1,197,902	234,956	737,340	225,606
Myanmar	6	1,857,360	260,538	1,600	1,595,222
Philippines	7	2,135,384	665,468	1,040,667	429,249
Singapore	8	42,756	28,724	5,299	8,733
Thailand	9	2,555,166	181,171	1,610,425	763,570
Viet Nam	10	...	...	...	...

## 3. MARINE CAPTURE FISHERY STATISTICS

## 3.1 Number of Fishing Boats by Type and Tonnage, 2014

Country, Sub-area	Total	Non-powered boat			
			Sub-total	Out-board powered boat	
Brunei Darussalam	1	38	...	...	
Cambodia	2	...	...	...	
Indonesia	3	651,966	174,184	477,782	237,696
West Sumatra	4	35,645	8,985	26,660	14,340
South Jawa	5	29,719	1,208	28,511	20,355
Malacca Strait	6	35,893	6,120	29,773	4,825
East Sumatra	7	62,148	14,142	48,006	11,294
North Jawa	8	102,993	5,200	97,793	37,527
Bali, Nusatenggara, Timor	9	69,083	23,225	45,858	32,642
South-West Kalimantan	10	29,568	5,339	24,229	6,163
East Kalimantan	11	34,620	2,714	31,906	7,854
South Sulawesi	12	79,123	15,582	63,541	41,537
North Sulawesi	13	74,345	25,933	48,412	37,759
Maluku-Papua	14	98,829	65,736	33,093	23,400
Malaysia	15	57,972	3,032	54,940	37,803
West Coast of Peninsular	16	24,572	70	24,502	16,734
East Coast of Peninsular	17	9,551	2	9,549	5,517
Sabah	18	16,265	2,956	13,309	10,028
Sarawak	19	7,226	2	7,224	5,193
Labuan	20	358	2	356	331
Myanmar	21	28,958	13,732	15,226	12,490
Taninthayi	22	11,582	3,663	7,919	6,640
Mon	23	1,500	201	1,299	1,133
Yangon	24	1,207	292	915	91
Rakhine	25	12,657	9,084	3,573	3,519
Ayeyarwady	26	2,012	492	1,520	1,107
Philippines <sup>A</sup>	27	6,317	...	...	...
Singapore	28	158	...	158	146
Thailand <sup>B</sup>	29	23,556	...	23,556	...
Viet Nam <sup>C</sup>	30	31,235	...	...	...

Notes: A Philippines Fisheries Profile 2014  
 B Figures from Thai Fishing Vessels Statistics 2014  
 C Figures from Statistical Handbook of Viet Nam 2014  
 D In-board powered boat 25-39.9 tons  
 E In-board powered boat >40 tons







### 3.2 Number of Fishing Units by Size of Boat, 2014

#### 3.2.3 Malaysia

Type of Fishing Gear	Total	Non-powered boat	Out-board powered boat	In-board powered boat									
				Sub-total	Less than 5 tons	5-9.9 tons	10-19.9 tons	20-49.9 tons	50-99.9 tons	100-199.9 tons	200-499.9 tons	> 500 tons	
All Purse Seines	1	1,205	...	...	1,205	50	55	49	44	95	134	325	453
Anchovy Purse Seine	2	142	...	...	142	18	4	4	9	21	10	8	68
Fish Purse Seine	3	1,063	...	...	1,063	32	51	45	35	74	124	317	385
All Seine Nets	4	678	4	75	599	6	584	4	1	0	4	0	0
Boat Seine	5	...	...	...	...	...	...	...	...	...	...	...	...
Beach Seine	6	...	...	...	...	...	...	...	...	...	...	...	...
All Trawls	7	6,065	...	...	6,065	70	296	525	920	768	1,502	1,441	543
Beam Trawl	8	...	...	...	...	...	...	...	...	...	...	...	...
Otter Board Trawl	9	...	...	...	...	...	...	...	...	...	...	...	...
Pair Trawl	10	...	...	...	...	...	...	...	...	...	...	...	...
Lift Nets	11	444	49	357	38	5	20	7	5	0	1	0	0
All Falling Nets	12	...	...	...	...	...	...	...	...	...	...	...	...
Anchovy Falling Net	13	...	...	...	...	...	...	...	...	...	...	...	...
Squid Falling Net	14	...	...	...	...	...	...	...	...	...	...	...	...
Gill Nets	15	37,975	1,375	30,906	5,694	1,561	2,802	787	239	150	93	62	0
All Traps	16	1,277	...	644	372	42	75	79	56	30	49	38	3
Stationary Trap	17	180	44	109	27	21	6	0	0	0	0	0	0
Portable Trap	18	1,097	217	535	345	21	69	79	56	30	49	38	3
Hooks & Lines	19	6,924	642	4,461	1,821	472	491	289	281	92	74	62	60
Push/Scoop Nets	20	17	...	1	16	0	0	10	5	0	1	0	0
Shellfish & Seaweed Collecting Gear	21	250	105	72	73	45	28	0	0	0	0	0	0
Others	22	3,092	596	1,287	1,209	176	418	113	122	116	263	0	1



### 3.2 Number of Fishing Units by Size of Boat, 2014

#### 3.2.4 Myanmar

Type of Fishing Gear	Total	Non-powered boat	Out-board powered boat	In-board powered boat								
				Sub-total	Less than 5 tons	5-9.9 tons	10-19.9 tons	20-49.9 tons	50-99.9 tons	100-199.9 tons	200-499.9 tons	
All Purse Seines	1	857	...	570	287	...	...	30	108	50	98	1
Anchovy Purse Seine	2	...	...	...	...	...	...	...	...	...	...	...
Fish Purse Seine	3	...	...	...	...	...	...	...	...	...	...	...
All Seine Nets	4	1,873	1,546	327	...	...	...	...	...	...	...	...
Boat Seine	5	...	...	...	...	...	...	...	...	...	...	...
Beach Seine	6	...	...	...	...	...	...	...	...	...	...	...
All Trawls	7	1,144	...	...	1,144	...	...	1	86	442	608	7
Beam Trawl	8	...	...	...	...	...	...	...	...	...	...	...
Otter Board Trawl	9	...	...	...	...	...	...	...	...	...	...	...
Pair Trawl	10	...	...	...	...	...	...	...	...	...	...	...
Lift Nets	11	...	...	...	...	...	...	...	...	...	...	...
All Falling Nets	12	1,060	16	697	347	...	2	88	238	19	...	...
Anchovy Falling Net	13	...	...	...	...	...	...	...	...	...	...	...
Squid Falling Net	14	...	...	...	...	...	...	...	...	...	...	...
Gill Nets	15	10,099	2,666	7,225	208	2	48	104	34	11	8	1
All Traps	16	11,338	9,237	1,962	139	0	0	4	84	51	0	0
Stationary Trap	17	...	...	...	...	...	...	...	...	...	...	...
Portable Trap	18	...	...	...	...	...	...	...	...	...	...	...
Hooks & Lines	19	1,153	267	855	31	0	1	10	17	3	0	0
Push/Scoop Nets	20	...	...	...	...	...	...	...	...	...	...	...
Shellfish & Seaweed Collecting Gear	21	...	...	...	...	...	...	...	...	...	...	...
Others	22	1,434	...	854	580	9	70	86	185	123	107	...

### 3.2 Number of Fishing Units by Size of Boat, 2014

#### 3.2.5 Singapore

Type of Fishing Gear	Total	Out-board powered boat	In-board powered boat						
			Sub- total	Less than 5 tons	5-9.9 tons	10-19.9 tons	20-49.9 tons	50-99.9 tons	
All Purse Seines	1	...	...	...	...	...	...	...	...
Anchovy Purse Seine	2	...	...	...	...	...	...	...	...
Fish Purse Seine	3	...	...	...	...	...	...	...	...
All Seine Nets	4	...	...	...	...	...	...	...	...
Boat Seine	5	...	...	...	...	...	...	...	...
Beach Seine	6	...	...	...	...	...	...	...	...
All Trawls	7	3	...	3	...	...	...	3	...
Beam Trawl	8	...	...	...	...	...	...	...	...
Otter Board Trawl	9	3	...	3	...	...	...	3	...
Pair Trawl	10	...	...	...	...	...	...	...	...
Lift Nets	11	...	...	...	...	...	...	...	...
All Falling Nets	12	...	...	...	...	...	...	...	...
Anchovy Falling Net	13	...	...	...	...	...	...	...	...
Squid Falling Net	14	...	...	...	...	...	...	...	...
Gill Nets	15	30	29	1	0	1	0	0	0
All Traps	16	...	...	...	...	...	...	...	...
Stationary Trap	17	...	...	...	...	...	...	...	...
Portable Trap	18	...	...	...	...	...	...	...	...
Hooks & Lines	19	...	...	...	...	...	...	...	...
Push/Scoop Nets	20	...	...	...	...	...	...	...	...
Shellfish & Seaweed Collecting Gear	21	...	...	...	...	...	...	...	...
Others	22	119	...	119	30	84	5	...	...

### 3.2 Number of Fishing Units by Size of Boat, 2014

#### 3.2.6 Thailand

Type of Fishing Gear	Total	Non-powered boat	Out-board powered boat	In-board powered boat							
				Sub-total	Less than 5 tons	5-9.9 tons	10-19.9 tons	20-49.9 tons	50-99.9 tons	100-199.9 tons	200-499.9 tons
All Purse Seines	1	1,713	...	1,713	49	79	151	404	747	277	6
Anchovy Purse Seine	2	252	...	252	5	33	55	60	88	11	0
Fish Purse Seine	3	1,461	...	1,461	44	46	96	344	659	266	0
All Seine Nets	4	...	...	...	...	...	...	...	...	...	...
Boat Seine	5	...	...	...	...	...	...	...	...	...	...
Beach Seine	6	...	...	...	...	...	...	...	...	...	...
All Trawls	7	3,038	...	3,038	74	218	487	1,283	890	83	3
Beam Trawl	8	116	...	116	4	7	29	51	25	...	...
Otter Board Trawl	9	1,940	...	1,940	70	210	399	826	404	28	3
Pair Trawl	10	982	...	982	0	1	59	406	461	55	0
Lift Nets	11	335	...	335	10	34	89	176	25	1	0
All Falling Nets	12	4,455	...	4,455	959	760	1,208	1,259	257	12	0
Anchovy Falling Net	13	613	...	613	48	68	192	247	57	1	0
Squid Falling Net	14	3,715	...	3,751	837	692	1,016	1,008	190	8	0
Other Falling Net	15	91	...	91	74	0	0	4	10	3	0
Gill Nets	16	13,176	...	13,176	10,588	1,037	479	592	393	84	3
All Traps	17	...	...	...	...	...	...	...	...	...	...
Stationary Trap	18	...	...	...	...	...	...	...	...	...	...
Portable Trap	19	...	...	...	...	...	...	...	...	...	...
Hooks & Lines	20	174	...	174	107	42	19	6	0	0	0
Push/Scoop Nets	21	340	...	340	83	84	62	64	40	7	0
Shellfish & Seaweed Collecting Gear	22	...	...	...	...	...	...	...	...	...	...
Others	23	325	...	325	287	14	8	16	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.1 In Quantity

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Anodontostoma chacunda</i>	Chacunda gizzard shad	57	...	...
<i>Anodontostoma chacunda</i>	Chacunda gizzard shad	71	...	...
<i>Tenualosa toli</i>	Toli shad	57	...	...
<i>Tenualosa toli</i>	Toli shad	71	...	...
<i>Pellona ditchela</i>	Indian pellona	57	...	...
<i>Pellona ditchela</i>	Indian pellona	71	...	...
<i>Lates calcarifer</i>	Barramundi (=Giant seaperch)	57	...	...
<i>Lates calcarifer</i>	Barramundi (=Giant seaperch)	71	...	...
<i>Chanos chanos</i>	Milkfish	71	...	...
<i>Psettodes erumei</i>	Indian halibut	57	...	...
<i>Psettodes erumei</i>	Indian halibut	71	...	...
Pleuronectiformes	Flatfishes nei	57	...	...
Pleuronectiformes	Flatfishes nei	71	...	...
<i>Cynoglossus</i> spp.	Tongue soles nei	57	...	...
<i>Cynoglossus</i> spp.	Tongue soles nei	71	...	...
<i>Harpadon nehereus</i>	Bombay-duck	57	...	...
<i>Harpadon nehereus</i>	Bombay-duck	71	...	...
<i>Saurida tumbil</i>	Greater lizardfish	57	...	...
<i>Saurida tumbil</i>	Greater lizardfish	71	...	...
Synodontidae	Lizardfishes nei	57	...	...
Synodontidae	Lizardfishes nei	71	...	...
Ariidae	Sea catfishes	57	...	...
Ariidae	Sea catfishes	71	...	...
<i>Plotosus</i> spp.	Eeltail catfishes	57	...	...
<i>Plotosus</i> spp.	Eeltail catfishes	71	...	...
Mugilidae	Mulletts nei	57	...	...
Mugilidae	Mulletts nei	71	...	...
<i>Caesio caerulea</i>	Blue and gold fusilier	57	...	...
<i>Caesio caerulea</i>	Blue and gold fusilier	71	...	...
<i>Caesio cunning</i>	Redbelly yellowtail fusilier	57	...	...
<i>Caesio cunning</i>	Redbelly yellowtail fusilier	71	...	...
Caesionodae	Fusiliers nei	57	...	...
Caesionodae	Fusiliers nei	71	...	...
<i>Epinephelus merra</i>	Honeycomb grouper	57	...	...
<i>Epinephelus merra</i>	Honeycomb grouper	71	...	...

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
3,054	-	8,023	...	...	...	...	...
10,963	-	2,315	...	1,111	...	...	...
212	-	...	...	...	...	...	...
333	-	...	...	...	...	...	...
...	-	12,501	...	...	...	...	...
...	-	6,996	...	1,057	...	...	...
10,300	-	177	...	...	...	27	...
87,754	-	1,646	...	686	24	7	...
...	-	...	...	184	...	...	...
10,480	-	...	...	...	...	680	...
7,811	-	...	...	...	...	1,281	...
8,106	-	2,719	...	...	...	...	...
1,535	-	1,305	...	657	...	...	...
...	-	1,657	...	...	...	1,218	...
...	-	800	...	...	...	4,179	...
2,397	-	1,265	...	...	...	...	...
2,573	-	2,557	...	...	...	...	...
6,762	-	...	...	...	...	...	...
15,521	-	...	...	...	...	...	...
...	-	27,371	...	...	...	12,925	...
...	-	12,686	...	...	...	21,951	...
19,750	-	10,011	...	...	...	1,155	...
82,361	-	12,603	...	4,292	45	1,728	...
...	-	1,626	...	...	...	163	...
...	-	1,225	...	...	...	346	...
13,790	-	2,556	...	...	...	2,474	...
36,223	-	2,351	...	12,241	10	2,920	...
697	-	...	...	...	...	...	...
12,227	-	...	...	...	...	...	...
14,793	-	...	...	...	...	...	...
66,770	-	...	...	...	...	...	...
...	-	24	...	...	...	...	...
...	-	476	...	19,874	3	...	...
4,176	-	...	...	...	...	...	...
4,344	-	...	...	...	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Epinephelus tauvina</i>	Greasy grouper	57	...	...
<i>Epinephelus tauvina</i>	Greasy grouper	71	...	...
<i>Epinephelus</i> spp.	Groupers nei	57	...	...
<i>Epinephelus</i> spp.	Groupers nei	71	...	...
<i>Cephalopholis boenak</i>	Chocolate hind	57	...	...
<i>Cephalopholis boenak</i>	Chocolate hind	71	...	...
<i>Cromileptes altivelis</i>	Humpback grouper	57	...	...
<i>Cromileptes altivelis</i>	Humpback grouper	71	...	...
<i>Plectropomus leopardus</i>	Leopard coral grouper	57	...	...
<i>Plectropomus leopardus</i>	Leopard coral grouper	71	...	...
<i>Priacanthus macracanthus</i>	Red bigeye	57	...	...
<i>Priacanthus macracanthus</i>	Red bigeye	71	...	...
<i>Priacanthus</i> spp.	Bigeyes nei	57	...	...
<i>Priacanthus</i> spp.	Bigeyes nei	71	...	...
<i>Sillago sihama</i>	Silver sillago	57	...	...
<i>Sillago sihama</i>	Silver sillago	71	...	...
Sillaginidae	Sillago-whitings	57	...	...
Sillaginidae	Sillago-whitings	71	...	...
<i>Mene maculata</i>	Moonfish	71	...	...
Sciaenidae	Croakers, drums nei	57	...	...
Sciaenidae	Croakers, drums nei	71	...	...
<i>Lutjanus argentimaculatus</i>	Mangrove red snapper	57	...	...
<i>Lutjanus argentimaculatus</i>	Mangrove red snapper	71	...	...
<i>Lutjanus</i> spp.	Snappers nei	57	...	...
<i>Lutjanus</i> spp.	Snappers nei	71	...	...
Lutjanidae	Snappers, jobfishes nei	57	...	...
Lutjanidae	Snappers, jobfishes nei	71	...	...
Serranidae	Groupers, seabasses nei	57	...	...
Serranidae	Groupers, seabasses nei	71	...	...
<i>Pristipomoides</i> spp.	Sharptooth jobfishes	57	...	...
<i>Pristipomoides</i> spp.	Sharptooth jobfishes	71	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	57	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	71	...	...
<i>Scolopsis</i> spp.	Monocole breams	57	...	...
<i>Scolopsis</i> spp.	Monocole breams	71	...	...

							MT	
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	
4,162	-	...	...	...	...	...	...	
9,668	-	...	...	...	...	...	...	
...	-	1,001	...	...	...	...	...	
...	-	9,295	...	...	29	...	...	
14,486	-	...	...	...	...	...	...	
36,030	-	...	...	...	...	...	...	
3,163	-	...	...	...	...	...	...	
8,487	-	...	...	...	...	...	...	
2,380	-	...	...	...	...	...	...	
23,522	-	...	...	...	...	...	...	
363	-	...	...	...	...	...	...	
2,085	-	...	...	...	...	...	...	
11,454	-	5,672	...	...	...	14,095	...	
37,497	-	11,464	...	...	...	21,754	...	
288	-	...	...	...	...	...	...	
1,317	-	...	...	...	...	...	...	
...	-	1,043	...	...	...	1,708	...	
...	-	950	...	11,896	2	1,469	...	
...	-	...	...	14,449	17	...	...	
19,905	-	26,768	...	...	...	6,720	...	
58,023	-	12,437	...	...	34	12,682	...	
...	-	711	...	...	...	...	...	
...	-	10,156	...	...	...	...	...	
19,869	-	243	...	...	...	...	...	
110,432	-	3,904	...	...	79	...	...	
...	-	176	...	...	...	2,628	...	
...	-	4,789	...	18,497	7	2,551	...	
...	-	...	...	...	...	1,667	...	
...	-	...	...	18,924	...	2,461	...	
885	-	...	...	...	...	...	...	
6,138	-	...	...	...	...	...	...	
18,378	-	20,776	...	...	...	15,729	...	
52,281	-	26,693	...	38,775	25	34,938	...	
...	-	16	...	...	...	547	...	
1,389	-	...	...	...	...	2,418	...	

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Leiognathus</i> spp.	Ponyfishes	57	...	...
<i>Leiognathus</i> spp.	Ponyfishes	71	...	...
Leiognathidae	Ponyfishes (=Slipmouths) nei	57	...	...
Leiognathidae	Ponyfishes (=Slipmouths) nei	71	...	...
<i>Plectorhinchus</i> spp.	Sweetlips	57	...	...
<i>Plectorhinchus</i> spp.	Sweetlips	71	...	...
<i>Pomadasys argenteus</i>	Silver grunt	57	...	...
<i>Pomadasys argenteus</i>	Silver grunt	71	...	...
Haemulidae (=Pomodasyidae)	Grunts, sweetlips nei	57	...	...
Haemulidae (=Pomodasyidae)	Grunts, sweetlips nei	71	...	...
Lethrinidae	Emperors (=Scavengers) nei	57	...	...
Lethrinidae	Emperors (=Scavengers) nei	71	...	...
Sparidae	Porgies, seabreams nei	71	...	...
<i>Parupeneus indicus</i>	Indian goatfish	57	...	...
<i>Parupeneus indicus</i>	Indian goatfish	71	...	...
Mullidae	Goatfishes, red mullets nei	71	...	...
<i>Upeneus sulphureus</i>	Sulphur goatfish	57	...	...
<i>Upeneus sulphureus</i>	Sulphur goatfish	71	...	...
<i>Upeneus vittatus</i>	Yellowstriped goatfish	57	...	...
<i>Upeneus vittatus</i>	Yellowstriped goatfish	71	...	...
<i>Upeneus</i> spp.	Goatfishes	57	...	...
<i>Upeneus</i> spp.	Goatfishes	71	...	...
<i>Gerres</i> spp.	Mojarras nei	57	...	...
<i>Gerres</i> spp.	Mojarras nei	71	...	...
<i>Drepane punctata</i>	Spotted sicklefish	57	...	...
<i>Drepane punctata</i>	Spotted sicklefish	71	...	...
<i>Cheilinus undulatus</i>	Humphead wrasse	57	...	...
<i>Cheilinus undulatus</i>	Humphead wrasse	71	...	...
Labridae	Wrasses, hogfishes, etc. nei	57	...	...
Labridae	Wrasses, hogfishes, etc. nei	71	...	...
<i>Eleutheronema tetradactylum</i>	Four finger threadfin	57	...	...
<i>Eleutheronema tetradactylum</i>	Four finger threadfin	71	...	...
Ambassidae	Glass fishes nei	71	...	...
Percoidei	Percoi nei	71	...	...
Polynemidae	Threadfins, Tasselfishes nei	57	...	...
Polynemidae	Threadfins, Tasselfishes nei	71	...	...



							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
...	-	6,448	...	...	...	...	...
...	-	2,509	...	...	15	...	...
17,080	-	...	...	...	...	...	...
70,825	-	...	...	50,613	...	...	...
323	-	...	...	...	...	...	...
4,634	-	...	...	...	...	...	...
...	-	834	...	...	...	...	...
...	-	2,120	...	...	...	...	...
4,424	-	103	...	...	...	...	...
11,122	-	1,323	...	...	22	...	...
6,904	-	60	...	...	...	...	...
34,674	-	2,139	...	...	...	...	...
...	-	...	...	11,996	...	...	...
4,991	-	...	...	...	...	...	...
4,678	-	...	...	...	...	...	...
...	-	...	...	27,380	...	...	...
9,084	-	...	...	...	...	...	...
31,235	-	...	...	...	...	...	...
12,716	-	...	...	...	...	...	...
19,955	-	...	...	...	...	...	...
...	-	10,631	...	...	...	...	...
...	-	7,438	...	...	14	...	...
...	-	63	...	...	...	...	...
...	-	1,443	...	4,939	...	...	...
...	-	400	...	...	...	...	...
...	-	782	...	77	...	...	...
158	-	...	...	...	...	...	...
1,076	-	...	...	...	...	...	...
...	-	82	...	...	...	...	...
...	-	2,476	...	15,103	...	...	...
1,690	-	...	...	...	...	...	...
3,914	-	...	...	...	...	...	...
...	-	...	...	1,632	...	...	...
...	-	...	...	11,543	...	...	...
16,614	-	8,890	...	...	...	62	...
35,516	-	6,257	...	3,023	17	920	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Siganus stellatus</i>	Orange-spotted spinefoot	57	...	...
<i>Siganus stellatus</i>	Orange-spotted spinefoot	71	...	...
<i>Siganus virgatus</i>	Barhead spinefoot	57	...	...
<i>Siganus virgatus</i>	Barhead spinefoot	71	...	...
<i>Siganus</i> spp.	Spinefeet nei	57	...	...
<i>Siganus</i> spp.	Spinefeet nei	71	...	...
<i>Megalops cyprinoides</i>	Indo-Pacific tarpon	57	...	...
<i>Megalops cyprinoides</i>	Indo-Pacific tarpon	71	...	...
<i>Terapon</i> spp.	Terapon perches nei	57	...	...
<i>Terapon</i> spp.	Terapon perches nei	71	...	...
<i>Platax</i> spp.	Batfishes	71	...	...
<i>Muraenesox cinereus</i>	Daggertooth pike conger	57	...	...
<i>Muraenesox cinereus</i>	Daggertooth pike conger	71	...	...
<i>Trichiurus lepturus</i>	Largehead hairtail	57	...	...
<i>Trichiurus lepturus</i>	Largehead hairtail	71	...	...
Trichiuridae	Hairtails nei	57	...	...
Trichiuridae	Hairtails nei	71	...	...
<i>Amblygaster sirm</i>	Spotted sardinella	57	...	...
<i>Amblygaster sirm</i>	Spotted sardinella	71	...	...
<i>Sardinella gibbosa</i>	Goldstripe sardinella	57	...	...
<i>Sardinella gibbosa</i>	Goldstripe sardinella	71	...	...
<i>Sardinella lemuru</i>	Bali sardinella	57	...	...
<i>Sardinella lemuru</i>	Bali sardinella	71	...	...
<i>Sardinella</i> spp.	Sardinellas nei	57	...	...
<i>Sardinella</i> spp.	Sardinellas nei	71	...	...
<i>Dussumieria acuta</i>	Rainbow sardine	57	...	...
<i>Dussumieria acuta</i>	Rainbow sardine	71	...	...
<i>Stolephorus</i> spp.	<i>Stolephorus</i> anchovies	57	...	...
<i>Stolephorus</i> spp.	<i>Stolephorus</i> anchovies	71	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	57	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	71	...	...
<i>Auxis thazard</i>	Frigate tuna	57	...	...
<i>Auxis thazard</i>	Frigate tuna	71	...	...

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
3,262	-	...	...	...	...	...	...
21,658	-	...	...	...	...	...	...
640	-	...	...	...	...	...	...
3,325	-	...	...	...	...	...	...
837	-	77	...	...	...	...	...
9,018	-	2,532	...	26,427	28	...	...
...	-	27	...	...	...	...	...
...	-	316	...	1,189	...	...	...
6,603	-	...	...	...	...	...	...
5,898	-	...	...	...	...	...	...
...	-	...	...	2,376	...	...	...
...	-	1,150	...	...	...	614	...
...	-	3,311	...	...	...	2,179	...
...	-	9,248	...	...	...	2,627	...
...	-	8,204	...	...	...	5,197	...
24,280	-	...	...	...	...	...	...
33,092	-	...	...	15,168	25	...	...
11,662	-	...	...	...	...	...	...
34,916	-	...	...	...	...	...	...
27,994	-	...	...	...	...	...	...
138,676	-	...	...	...	...	...	...
39,423	-	...	...	...	...	...	...
14,472	-	...	...	...	...	...	...
...	-	...	...	...	...	14,364	...
...	-	...	...	354,423	...	66,284	...
4,819	-	...	...	...	...	...	...
24,319	-	...	...	6,697	...	...	...
85,634	-	5,676	...	...	...	...	...
113,592	-	19,161	...	71,855	...	...	...
4,113	-	845	...	...	...	1,975	...
9,722	-	3,252	...	346	48	2,766	...
46,690	-	920	...	...	...	...	...
157,801	-	1,382	...	134,095	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Auxis rochei</i>	Bullet tuna	57	...	...
<i>Auxis rochei</i>	Bullet tuna	71	...	...
<i>Euthynnus affinis</i>	Kawakawa	57	...	...
<i>Euthynnus affinis</i>	Kawakawa	71	...	...
<i>Katsuwonus pelamis</i>	Skipjack tuna	57	...	...
<i>Katsuwonus pelamis</i>	Skipjack tuna	71	...	...
<i>Thunnus tonggol</i>	Longtail tuna	57	...	...
<i>Thunnus tonggol</i>	Longtail tuna	71	...	...
<i>Thunnus alalunga</i>	Albacore tuna	57	...	...
<i>Thunnus alalunga</i>	Albacore tuna	71	...	...
<i>Thunnus maccoyii</i>	Southern bluefin tuna	71	...	...
<i>Thunnus albacares</i>	Yellowfin tuna	57	...	...
<i>Thunnus albacares</i>	Yellowfin tuna	71	...	...
<i>Thunnus obesus</i>	Bigeye tuna	57	...	...
<i>Thunnus obesus</i>	Bigeye tuna	71	...	...
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	57	...	...
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	71	...	...
Istiophoridae	Marlins, sailfishes, etc. nei	57	...	...
Istiophoridae	Marlins, sailfishes, etc. nei	71	...	...
<i>Makaira indica</i>	Black marlin	57	...	...
<i>Makaira indica</i>	Black marlin	71	...	...
<i>Makaira nigricans</i>	Atlantic blue marlin	57	...	...
<i>Makaira nigricans</i>	Atlantic blue marlin	71	...	...
<i>Tetrapturus audax</i>	Striped marlin	57	...	...
<i>Tetrapturus audax</i>	Striped marlin	71	...	...
<i>Xiphias gladius</i>	Swordfish	57	...	...
<i>Xiphias gladius</i>	Swordfish	71	...	...
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	57	...	...
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	71	...	...
<i>Scomberomorus guttatus</i>	Indo-Pacific king mackerel	57	...	...
<i>Scomberomorus guttatus</i>	Indo-Pacific king mackerel	71	...	...
<i>Scomberomorus</i> spp.	Seerfishes nei	57	...	...
<i>Scomberomorus</i> spp.	Seerfishes nei	71	...	...
<i>Sarda orientalis</i>	Striped bonito	57	...	...
<i>Sarda orientalis</i>	Striped bonito	71	...	...

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
27,934	-	...	...	...	...	...	...
17,071	-	...	...	...	...	...	...
43,511	-	6,645	...	...	...	7,497	...
165,011	-	22,890	...	35,514	...	14,682	...
72,088	-	...	...	...	...	...	...
424,594	-	4,689	...	233,853	1	...	...
20,901	-	7,386	...	...	...	5,510	...
34,688	-	17,479	...	...	...	10,370	...
8,750	-	...	...	...	...	14	...
...	-	47	...	...	...	...	...
1,063	-	...	...	...	...	...	...
45,122	-	...	...	...	...	124	...
172,725	-	5,783	...	139,920	...	...	...
32,412	-	...	...	...	...	271	...
53,801	-	851	...	11,169	...	...	...
4,206	-	...	...	...	...	...	...
5,568	-	...	...	...	...	...	...
...	-	7	...	...	...	...	...
...	-	482	...	3,331	...	...	...
4,839	-	...	...	...	...	...	...
2,616	-	...	...	...	...	...	...
765	-	...	...	...	...	...	...
111	-	...	...	2,033	...	...	...
1,190	-	...	...	...	...	...	...
458	-	...	...	...	...	...	...
8,190	-	64	...	...	...	...	...
5,600	-	186	...	3,696	...	...	...
32,016	-	...	...	...	...	...	...
133,792	-	...	...	16,914	...	...	...
8,205	-	...	...	...	...	...	...
28,212	-	...	...	...	...	...	...
...	-	6,312	...	...	...	2,223	...
...	-	10,297	...	...	62	6,868	...
1,431	-	...	...	...	...	...	...
533	-	...	...	...	...	...	...

## 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

## 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
Acanthuridae	Surgconfishes nei	71	...	...
Gobiidae	Gobies nei	71	...	...
Congridae	Conger eels, etc. nei	71	...	...
Atherinidae	Silversides (=Sand smells) nei	71	...	...
<i>Tylosurus</i> spp.	Needlefishes nei	57	...	...
<i>Tylosurus</i> spp.	Needlefishes nei	71	...	...
<i>Hemiramphus</i> spp.	Halfbeaks nei	57	...	...
<i>Hemiramphus</i> spp.	Halfbeaks nei	71	...	...
<i>Lactarius lactarius</i>	False trevally	57	...	...
<i>Lactarius lactarius</i>	False trevally	71	...	...
<i>Rachycentron canadum</i>	Cobia	57	...	...
<i>Rachycentron canadum</i>	Cobia	71	...	...
<i>Decapterus russelli</i>	Indian scad	57	...	...
<i>Decapterus russelli</i>	Indian scad	71	...	...
<i>Decapterus</i> spp.	Scads nei	57	...	...
<i>Decapterus</i> spp.	Scads nei	71	...	...
<i>Scatophagus</i> spp.	Scats	71	...	...
Exocoetidae	Flying fishes nei	57	...	...
Exocoetidae	Flying fishes nei	71	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	57	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	71	...	...
Carangidae	Carangids nei	57	...	...
Carangidae	Carangids nei	71	...	...
<i>Selar crumenophthalmus</i>	Bigeye scad	57	...	...
<i>Selar crumenophthalmus</i>	Bigeye scad	71	...	...
<i>Selaroides leptolepis</i>	Yellowstripe scad	57	...	...
<i>Selaroides leptolepis</i>	Yellowstripe scad	71	...	...
<i>Seriolina nigrofasciata</i>	Blackbanded trevally	57	...	...
<i>Seriolina nigrofasciata</i>	Blackbanded trevally	71	...	...
<i>Parastromateus niger</i>	Black pomfret	57	...	...
<i>Parastromateus niger</i>	Black pomfret	71	...	...
<i>Elagatis bipinnulata</i>	Rainbow runner	57	...	...
<i>Elagatis bipinnulata</i>	Rainbow runner	71	...	...

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
...	-	...	...	8,004	...	...	...
...	-	...	...	9,967	...	...	...
...	-	...	...	2,603	...	...	...
...	-	...	...	497	...	...	...
2,914	-	...	...	...	...	...	...
4,715	-	...	...	8,404	...	...	...
5,028	-	...	...	...	...	...	...
24,637	-	...	...	1,966	...	...	...
7,956	-	...	...	...	...	...	...
21,630	-	602	...	180	...	...	...
...	-	320	...	...	...	...	...
...	-	883	...	2,458	...	...	...
...	-	29,796	...	...	...	16,980	...
...	-	72,848	...	...	...	16,064	...
57,063	-	...	...	...	...	...	...
319,213	-	...	...	265,806	32	...	...
...	-	...	...	2,072	...	...	...
3,601	-	...	...	...	...	...	...
13,295	-	...	...	19,390	...	...	...
32,965	-	...	...	...	...	...	...
76,476	-	...	...	...	29	...	...
...	-	1,462	...	...	...	15,892	...
...	-	13,834	...	63,878	16	30,594	...
5,463	-	13,032	...	...	...	5,956	...
11,187	-	34,598	...	116,382	...	14,581	...
70,872	-	1,096	...	...	...	...	...
128,802	-	12,720	...	...	...	...	...
...	-	...	...	...	...	710	...
...	-	...	...	...	...	1,390	...
13,976	-	1,131	...	...	...	520	...
47,197	-	3,193	...	...	...	1,824	...
6,226	-	46	...	...	...	...	...
9,255	-	851	...	5,789	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Megalaspis cordyla</i>	Hardtail scad	57	...	...
<i>Megalaspis cordyla</i>	Hardtail scad	71	...	...
<i>Scomberoides</i> spp.	Queenfishes	57	...	...
<i>Scomberoides</i> spp.	Queenfishes	71	...	...
<i>Coryphaena hippurus</i>	Dolphinfish	57	...	...
<i>Coryphaena hippurus</i>	Dolphinfish	71	...	...
Engraulidae	Anchovies, etc. nei	57	...	...
Engraulidae	Anchovies, etc. nei	71	...	...
<i>Scomber australasicus</i>	Spotted chub mackerel	57	...	...
<i>Scomber australasicus</i>	Spotted chub mackerel	71	...	...
<i>Scomber japonicus</i>	Chub mackerel	71	...	...
<i>Rastrelliger brachysoma</i>	Short mackerel	57	...	...
<i>Rastrelliger brachysoma</i>	Short mackerel	71	...	...
<i>Rastrelliger kanagurta</i>	Indian mackerel	57	...	...
<i>Rastrelliger kanagurta</i>	Indian mackerel	71	...	...
<i>Rastrelliger</i> spp.	Other <i>Rastrelliger</i> mackerels	57	...	...
<i>Rastrelliger</i> spp.	Other <i>Rastrelliger</i> mackerels	71	...	...
<i>Pampus argenteus</i>	Silver pomfret	57	...	...
<i>Pampus argenteus</i>	Silver pomfret	71	...	...
<i>Sphyrna jello</i>	Pickhandle barracuda	57	...	...
<i>Sphyrna jello</i>	Pickhandle barracuda	71	...	...
<i>Sphyrna barracuda</i>	Great barracuda	57	...	...
<i>Sphyrna barracuda</i>	Great barracuda	71	...	...
<i>Sphyrna</i> spp.	Barracudas nei	57	...	...
<i>Sphyrna</i> spp.	Barracudas nei	71	...	...
<i>Alopias</i> spp.	Thresher sharks nei	57	...	...
<i>Alopias</i> spp.	Thresher sharks nei	71	...	...
<i>Sphyrna</i> spp.	Hammerhead shark	71	...	...
Sphyrnidae	Hammerhead sharks nei	57	...	...
Sphyrnidae	Hammerhead sharks nei	71	...	...
<i>Squalus</i> spp.	Dogfishes nei	57	...	...
<i>Squalus</i> spp.	Dogfishes nei	71	...	...
Dasyatidae	Stingrays, butterfly rays nei	57	...	...
Dasyatidae	Stingrays, butterfly rays nei	71	...	...
Lamnidae	Mackerel sharks nei	57	...	...
Lamnidae	Mackerel sharks nei	71	...	...



							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
22,124	-	17,857	...	...	...	9,614	...
23,524	-	11,212	...	15,384	...	4,887	...
5,763	-	627	...	...	...	...	...
12,709	-	3,334	...	4,819	...	...	...
3,101	-	...	...	...	...	...	...
8,816	-	...	...	128	...	...	...
...	-	...	...	...	...	34,046	...
...	-	...	...	...	...	99,546	...
719	-	...	...	...	...	...	...
552	-	...	...	...	...	...	...
...	-	...	...	1,403	...	...	...
98,398	-	...	...	...	...	...	...
171,013	-	...	...	39,602	...	...	...
3,550	-	...	...	...	...	20,104	...
80,771	-	...	...	79,313	...	25,154	...
...	-	157,181	...	...	...	25,507	...
...	-	24,195	...	...	18	116,936	...
19,667	-	2,441	...	...	...	496	...
26,423	-	1,532	...	...	...	401	...
398	-	...	...	...	...	...	...
1,047	-	...	...	...	...	...	...
3,961	-	...	...	...	...	...	...
9,084	-	...	...	...	...	...	...
...	-	1,420	...	...	...	5,601	...
...	-	5,958	...	...	...	10,650	...
2,936	-	...	...	...	...	...	...
8,115	-	...	...	...	...	...	...
...	-	...	...	...	43	...	...
637	-	...	...	...	...	...	...
21	-	...	...	...	...	...	...
2,647	-	...	...	...	...	...	...
2,847	-	...	...	...	...	...	...
10,636	-	...	...	...	...	...	...
38,347	-	...	...	...	...	...	...
252	-	...	...	...	...	...	...
452	-	...	...	...	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
Carcharhinidae	Requim sharks nei	57	...	...
Carcharhinidae	Requim sharks nei	71	...	...
<i>Rhynchobatus australiae</i>	Whitespotted wedgefish	57	...	...
<i>Rhynchobatus australiae</i>	Whitespotted wedgefish	71	...	...
Rhynobatidae	Guitarfishes, etc. nei	57	...	...
Rhynobatidae	Guitarfishes, etc. nei	71	...	...
Stromateidae	Butterfishes, pomfrets nei	57	...	...
Stromateidae	Butterfishes, pomfrets nei	71	...	...
Rajiformes	Rays, stingrays, mantas nei	57	...	...
Rajiformes	Rays, stingrays, mantas nei	71	...	...
Myliobatidae	Eagle rays nei	57	...	...
Myliobatidae	Eagle rays nei	71	...	...
Mobulidae	Mantas, devil rays nei	57	...	...
Mobulidae	Mantas, devil rays nei	71	...	...
Clupeoidei	Clupeoids nei	57	...	...
Clupeoidei	Clupeoids nei	71	...	...
Clupeoidei	Diadromous clupeoids nei	57	...	...
Clupeoidei	Diadromous clupeoids nei	71	...	...
Stomatopoda	Stomatopods nei	57	...	...
Stomatopoda	Stomatopods nei	71	...	...
Balistidae	Triggerfishes, durgons nei	57	...	...
Balistidae	Triggerfishes, durgons nei	71	...	...
Pristidae	Sawfishes	57	...	...
Pristidae	Sawfishes	71	...	...
Elasmobranchii	Sharks, rays, skates, etc. nei	57	...	...
Elasmobranchii	Sharks, rays, skates, etc. nei	71	...	...
Osteichthyes	Marine fishes nei	57	...	...
Osteichthyes	Marine fishes nei	71	2,906	120,250
<i>Portunus pelagicus</i>	Blue swimming crab	57	...	...
<i>Portunus pelagicus</i>	Blue swimming crab	71	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	57	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	71	...	...
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	57	...	...
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	71	...	...
Scyllaridae	Slipper lobsters nei	71	...	...

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam A
4,956	-	...	...	...	...	...	...
26,157	-	...	...	...	...	...	...
796	-	...	...	...	...	...	...
6,687	-	...	...	...	...	...	...
179	-	...	...	...	...	...	...
832	-	...	...	...	...	...	...
...	-	1,611	...	...	...	...	...
...	-	1,570	...	6,703	52	...	...
...	-	4,621	...	...	...	1,662	...
...	-	12,654	...	1,918	77	2,783	...
2,572	-	...	...	...	...	...	...
6,419	-	...	...	...	...	...	...
1,528	-	...	...	...	...	...	...
2,451	-	...	...	...	...	...	...
...	-	7,503	...	...	...	...	...
...	-	32,139	...	391	...	...	...
...	-	30	...	...	...	...	...
...	-	2,529	...	...	...	...	...
...	-	...	...	...	...	36	...
...	-	...	...	...	...	528	...
...	-	74	...	...	...	...	...
...	-	541	...	...	...	...	...
6	-	...	...	...	...	...	...
1	-	...	...	...	...	...	...
...	-	1,297	...	...	...	681	...
...	-	6,092	...	1,955	16	1,627	...
89,449	-	161,185	2,702,240	...	...	142,070	...
416,469	-	146,142	...	13,571	222	346,484	1,974,500
14,170	-	...	...	...	...	9,633	...
38,318	-	...	...	27,253	...	17,002	...
12,467	-	...	...	...	...	712	...
21,746	-	...	...	1,272	21	1,252	...
2,230	-	7	...	...	...	...	...
7,856	-	812	...	147	2	...	...
...	-	...	...	66	3	...	...

Note: A Figures from Statistical Handbook of Viet Nam 2014

## 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

## 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Thenus orientalis</i>	Flathead lobster	57	...	...
<i>Thenus orientalis</i>	Flathead lobster	71	...	...
<i>Penaeus merguensis</i>	Banana prawn	57	...	...
<i>Penaeus merguensis</i>	Banana prawn	71	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	57	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	71	...	...
<i>Penaeus latisulcatus</i>	Western king prawn	57	...	...
<i>Penaeus latisulcatus</i>	Western king prawn	71	...	...
<i>Penaeus semisulcatus</i>	Green tiger prawn	57	...	...
<i>Penaeus semisulcatus</i>	Green tiger prawn	71	...	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	57	...	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	71	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	57	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	71	...	...
Sergestidae	Sergestid shrimps nei	57	...	...
Sergestidae	Sergestid shrimps nei	71	...	...
<i>Crassostrea iredalei</i>	Slipper cupped oyster	71	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	57	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	71	...	...
<i>Perna viridis</i>	Green mussel	57	...	...
<i>Perna viridis</i>	Green mussel	71	...	...
Pectinidae	Scallops nei	57	...	...
Pectinidae	Scallops nei	71	...	...
<i>Anadara granosa</i>	Blood cockle	57	...	...
<i>Anadara granosa</i>	Blood cockle	71	...	...
<i>Meretrix</i> spp.	Hard clams nei	57	...	...
<i>Meretrix</i> spp.	Hard clams nei	71	...	...
<i>Paphia</i> spp.	Short neck clams nei	71	...	...
Bivalvia	Clams, etc. nei	57	...	...
Bivalvia	Clams, etc. nei	71	...	...
Crustacea	Marine crustaceans nei	57	...	...
Crustacea	Marine crustaceans nei	71	187	...
Brachyura	Marine crabs nei	57	...	...
Brachyura	Marine crabs nei	71	...	...
Natantia	Natantian decapods nei	57	...	...
Natantia	Natantian decapods nei	71	...	...

							MT	
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	
...	-	...	...	...	...	317	...	
...	-	...	...	...	...	839	...	
33,050	-	...	...	...	...	2,936	...	
56,556	-	...	...	...	...	6,570	...	
10,005	-	...	...	...	...	642	...	
24,779	-	...	...	645	...	903	...	
...	-	...	...	...	...	640	...	
...	-	...	...	...	...	854	...	
...	-	...	...	...	...	739	...	
...	-	...	...	...	...	612	...	
...	-	...	...	...	...	3,731	...	
...	-	...	...	9,530	...	13,633	...	
15,370	-	...	...	...	...	2,115	...	
24,799	-	...	...	7,542	...	9,514	...	
...	-	29,514	...	...	...	73	...	
...	-	10,168	...	16,048	...	4,296	...	
1,092	-	...	...	102	...	...	...	
39	-	...	...	...	...	...	...	
230	-	...	...	...	...	...	...	
2,932	-	...	...	...	...	...	...	
1,092	-	...	...	23	...	...	...	
13	-	...	...	...	...	3	...	
493	-	...	...	38	...	282	...	
21,201	-	...	...	...	...	...	...	
27,727	-	...	...	1	...	1,516	...	
459	-	...	...	...	...	...	...	
326	-	...	...	...	...	...	...	
...	-	...	...	1	...	13,775	...	
...	-	6,101	...	...	...	...	...	
...	-	2,167	...	245	...	...	...	
463	-	...	...	...	...	...	...	
993	-	...	...	...	...	...	...	
...	-	5,622	...	...	...	2,275	...	
...	-	7,867	...	...	99	2,093	...	
24,935	-	41,522	...	...	...	...	...	
73,553	-	26,417	...	...	225	...	...	

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
Sepiidae, Sepiolidae	Cuttlefish, bobtail squids nei	57	...	...
Sepiidae, Sepiolidae	Cuttlefish, bobtail squids nei	71	...	...
<i>Loligo</i> spp.	Common squids nei	57	...	...
<i>Loligo</i> spp.	Common squids nei	71	...	...
Loliginidae, Ommastrephidae	Various squids nei	57	...	...
Loliginidae, Ommastrephidae	Various squids nei	71	...	...
Octopodidae	Octopuses nei	57	...	...
Octopodidae	Octopuses nei	71	...	...
<i>Sepioteuthis lessoniana</i>	Bigfin reef squid	57	...	...
<i>Sepioteuthis lessoniana</i>	Bigfin reef squid	71	...	...
Squillidae	Squillids nei	71	...	...
Mollusca	Marine molluscs nei	57	...	...
Mollusca	Marine molluscs nei	71	93	...
<i>Trochus niloticus</i>	Commercial top shell	57	...	...
<i>Trochus niloticus</i>	Commercial top shell	71	...	...
<i>Haliotis</i> spp.	Abalones nei	71	...	...
Holothuroidea	Sea cucumbers nei	57	...	...
Holothuroidea	Sea cucumbers nei	71	...	...
<i>Rhopilema</i> spp.	Jellyfishes	57	...	...
<i>Rhopilema</i> spp.	Jellyfishes	71	...	...
Testudinata	Marine turtles nei	57	...	...
Testudinata	Marine turtles nei	71	...	...
Invertebrata	Aquatic invertebrates nei	57	...	...
Invertebrata	Aquatic invertebrates nei	71	...	...
<i>Strongylocentrotus</i> spp.	Sea urchins nei	71	...	...
	Others	71	...	...

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam <sup>A</sup>
5,509	-	12,276	...	...	...	5,365	...
12,421	-	12,257	...	1,321	32	18,351	...
38,289	-	...	...	...	...	14,330	...
112,334	-	...	...	55,693	39	70,777	...
...	-	31,591	...	...	...	...	...
...	-	30,814	...	...	...	...	...
2,910	-	720	...	...	...	2,609	...
3,928	-	1,198	...	4,328	...	6,787	...
...	-	...	...	...	...	1,780	...
...	-	...	...	...	...	3,739	...
...	-	...	...	1,696	...	...	...
1,170	-	...	...	...	...	11	...
10,984	-	...	...	...	...	4,867	...
6	-	...	...	...	...	...	...
30	-	...	...	...	...	...	...
...	-	...	...	325	...	...	...
578	-	...	...	...	...	...	...
4,850	-	...	...	692	...	...	...
19,027	-	739	...	...	...	55,335	...
21,543	-	4,587	...	8	...	6,570	...
11	-	...	...	...	...	...	...
28	-	...	...	...	...	...	...
112	-	...	...	...	...	1,273	...
1,825	-	...	...	...	...	703	...
...	-	...	...	135	...	...	...
...	-	...	...	...	...	...	736,600

Note: A Figures from Statistical Handbook of Viet Nam 2014

## 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

## 3.3.2 In Value

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Anodontostoma chacunda</i>	Chacunda gizzard shad	57	...	...
<i>Anodontostoma chacunda</i>	Chacunda gizzard shad	71	...	...
<i>Tenualosa toli</i>	Toli shad	57	...	...
<i>Tenualosa toli</i>	Toli shad	71	...	...
<i>Pellona ditchela</i>	Indian pellona	57	...	...
<i>Pellona ditchela</i>	Indian pellona	71	...	...
<i>Lates calcarifer</i>	Barramundi (=Giant seaperch)	57	...	...
<i>Lates calcarifer</i>	Barramundi (=Giant seaperch)	71	...	...
<i>Psettodes erumei</i>	Indian halibut	57	...	...
<i>Psettodes erumei</i>	Indian halibut	71	...	...
Pleuronectiformes	Flatfishes nei	57	...	...
Pleuronectiformes	Flatfishes nei	71	...	...
<i>Cynoglossus</i> spp.	Tongue soles nei	57	...	...
<i>Cynoglossus</i> spp.	Tongue soles nei	71	...	...
<i>Harpadon nehereus</i>	Bombay-duck	57	...	...
<i>Harpadon nehereus</i>	Bombay-duck	71	...	...
<i>Saurida tumbil</i>	Greater lizardfish	57	...	...
<i>Saurida tumbil</i>	Greater lizardfish	71	...	...
Synodontidae	Lizardfishes nei	57	...	...
Synodontidae	Lizardfishes nei	71	...	...
Ariidae	Sea catfishes	57	...	...
Ariidae	Sea catfishes	71	...	...
<i>Plotosus</i> spp.	Eeltail catfishes	57	...	...
<i>Plotosus</i> spp.	Eeltail catfishes	71	...	...
Mugilidae	Mulletts nei	57	...	...
Mugilidae	Mulletts nei	71	...	...
<i>Caesio caerulea</i>	Blue and gold fusilier	57	...	...
<i>Caesio caerulea</i>	Blue and gold fusilier	71	...	...
<i>Caesio cunning</i>	Redbelly yellowtail fusilier	57	...	...
<i>Caesio cunning</i>	Redbelly yellowtail fusilier	71	...	...
Caesionodae	Fusiliers nei	57	...	...
Caesionodae	Fusiliers nei	71	...	...
<i>Epinephelus merra</i>	Honeycomb grouper	57	...	...
<i>Epinephelus merra</i>	Honeycomb grouper	71	...	...



US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
1,630	-	26,235	...	...	...	...	...
11,956	-	7,571	...	...	203	...	...
380	-	...	...	...	...	...	...
676	-	...	...	...	...	...	...
...	-	40,879	...	...	...	...	...
...	-	22,878	...	...	...	...	...
8,580	-	579	...	...	...	...	...
163,019	-	5,384	...	...	...	147	...
6,782	-	...	...	...	...	...	...
14,412	-	...	...	...	...	3,216	...
5,674	-	8,890	...	...	...	...	...
8,511	-	4,268	...	...	...	...	...
...	-	5,418	...	...	...	...	...
...	-	2,615	...	...	...	7,040	...
914	-	4,138	...	...	...	...	...
3,440	-	8,363	...	...	...	...	...
2,156	-	...	...	...	...	...	...
11,320	-	...	...	...	...	...	...
...	-	89,502	...	...	...	...	...
...	-	41,484	...	...	...	24,522	...
14,434	-	32,735	...	...	...	...	...
116,786	-	41,211	...	...	127	3,627	...
...	-	5,318	...	...	...	...	...
...	-	4,006	...	...	...	...	...
10,326	-	8,358	...	...	...	...	...
50,416	-	7,689	...	16,421	47	40,563	...
255	-	...	...	...	...	...	...
8,249	-	...	...	...	...	...	...
7,863	-	...	...	...	...	...	...
79,502	-	...	...	...	...	...	...
...	-	80	...	...	...	...	...
...	-	1,556	...	30,427	17	...	...
7,285	-	...	...	...	...	...	...
27,404	-	...	...	...	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.2 In Value (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Epinephelus tauvina</i>	Greasy grouper	57	...	...
<i>Epinephelus tauvina</i>	Greasy grouper	71	...	...
<i>Epinephelus</i> spp.	Groupers nei	57	...	...
<i>Epinephelus</i> spp.	Groupers nei	71	...	...
<i>Cephalopholis boenak</i>	Chocolate hind	57	...	...
<i>Cephalopholis boenak</i>	Chocolate hind	71	...	...
<i>Cromileptes altivelis</i>	Humpback grouper	57	...	...
<i>Cromileptes altivelis</i>	Humpback grouper	71	...	...
<i>Plectropomus leopardus</i>	Leopard coral grouper	57	...	...
<i>Plectropomus leopardus</i>	Leopard coral grouper	71	...	...
<i>Priacanthus macracanthus</i>	Red bigeye	57	...	...
<i>Priacanthus macracanthus</i>	Red bigeye	71	...	...
<i>Priacanthus</i> spp.	Bigeyes nei	57	...	...
<i>Priacanthus</i> spp.	Bigeyes nei	71	...	...
<i>Sillago sihama</i>	Silver sillago	57	...	...
<i>Sillago sihama</i>	Silver sillago	71	...	...
Sillaginidae	Sillago-whitings	57	...	...
Sillaginidae	Sillago-whitings	71	...	...
<i>Mene maculate</i>	Moonfish	71	...	...
Sciaenidae	Croakers, drums nei	57	...	...
Sciaenidae	Croakers, drums nei	71	...	...
<i>Lutjanus argentimaculatus</i>	Mangrove red snapper	57	...	...
<i>Lutjanus argentimaculatus</i>	Mangrove red snapper	71	...	...
<i>Lutjanus</i> spp.	Snappers nei	57	...	...
<i>Lutjanus</i> spp.	Snappers nei	71	...	...
Lutjanidae	Snappers, jobfishes nei	57	...	...
Lutjanidae	Snappers, jobfishes nei	71	...	...
Serranidae	Groupers, seabassess nei	71	...	...
<i>Pristipomoides</i> spp.	Sharptooth jobfishes	57	...	...
<i>Pristipomoides</i> spp.	Sharptooth jobfishes	71	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	57	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	71	...	...
<i>Scolopsis</i> spp.	Monocole breams	57	...	...
<i>Scolopsis</i> spp.	Monocole breams	71	...	...

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
5,994	-	...	...	...	...	...	...
36,819	-	...	...	...	...	...	...
...	-	3,273	...	...	...	...	...
...	-	30,396	...	...	262	...	...
16,121	-	...	...	...	...	...	...
107,884	-	...	...	...	...	...	...
4,856	-	...	...	...	...	...	...
29,832	-	...	...	...	...	...	...
4,940	-	...	...	...	...	...	...
118,558	-	...	...	...	...	...	...
231	-	...	...	...	...	...	...
1,416	-	...	...	...	...	...	...
4,632	-	18,547	...	...	...	...	...
28,451	-	37,47	...	...	...	25,283	...
52	-	...	...	...	...	...	...
1,231	-	...	...	...	...	...	...
...	-	3,410	...	...	...	...	...
...	-	3,107	...	...	7	6,465	...
...	-	...	...	...	88	...	...
8,114	-	87,533	...	...	...	...	...
59,503	-	40,669	...	...	116	19,748	...
...	-	2,324	...	...	...	...	...
...	-	33,209	...	...	...	...	...
22,484	-	793	...	...	...	...	...
258,570	-	12,765	...	...	527	...	...
...	-	576	...	...	...	...	...
...	-	15,660	...	42,455	26	18,665	...
...	-	...	...	51,075	...	19,367	...
969	-	...	...	...	...	...	...
8,725	-	...	...	...	...	...	...
11,900	-	67,936	...	...	...	...	...
73,099	-	87,285	...	76,995	198	58,890	...
...	-	52	...	...	...	...	...
...	-	4,541	...	...	...	4,043	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.2 In Value (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Leiognathus</i> spp.	Ponyfishes	57	...	...
<i>Leiognathus</i> spp.	Ponyfishes	71	...	...
<i>Plectorhinchus</i> spp.	Sweetlips	57	...	...
<i>Plectorhinchus</i> spp.	Sweetlips	71	...	...
<i>Pomadasys argenteus</i>	Silver grunt	57	...	...
<i>Pomadasys argenteus</i>	Silver grunt	71	...	...
Haemulidae (=Pomodasyidae)	Grunts, sweetlips nei	57	...	...
Haemulidae (=Pomodasyidae)	Grunts, sweetlips nei	71	...	...
Lethrinidae	Emperors (=Scavengers) nei	57	...	...
Lethrinidae	Emperors (=Scavengers) nei	71	...	...
Sparidae	Porgies, seabreams nei	71	...	...
<i>Parupeneus indicus</i>	Indian goatfish	57	...	...
<i>Parupeneus indicus</i>	Indian goatfish	71	...	...
Mullidae	Goatfishes, red mullets nei	71	...	...
<i>Upeneus sulphureus</i>	Sulphur goatfish	57	...	...
<i>Upeneus sulphureus</i>	Sulphur goatfish	71	...	...
<i>Upeneus vittatus</i>	Yellowstriped goatfish	57	...	...
<i>Upeneus vittatus</i>	Yellowstriped goatfish	71	...	...
<i>Upeneus</i> spp.	Goatfishes	57	...	...
<i>Upeneus</i> spp.	Goatfishes	71	...	...
<i>Gerres</i> spp.	Mojarras nei	57	...	...
<i>Gerres</i> spp.	Mojarras nei	71	...	...
<i>Drepane punctata</i>	Spotted sicklefish	57	...	...
<i>Drepane punctata</i>	Spotted sicklefish	71	...	...
<i>Cheilinus undulatus</i>	Humphead wrasse	57	...	...
<i>Cheilinus undulatus</i>	Humphead wrasse	71	...	...
Labridae	Wrasses, hogfishes, etc. nei	57	...	...
Labridae	Wrasses, hogfishes, etc. nei	71	...	...
<i>Eleutheronema tetradactylum</i>	Four finger threadfin	57	...	...
<i>Eleutheronema tetradactylum</i>	Four finger threadfin	71	...	...
Polynemidae	Threadfins, Tasselfishes nei	57	...	...
Polynemidae	Threadfins, Tasselfishes nei	71	...	...
<i>Siganus stellatus</i>	Orange-spotted spinefoot	57	...	...
<i>Siganus stellatus</i>	Orange-spotted spinefoot	71	...	...
<i>Siganus virgatus</i>	Barhead spinefoot	57	...	...
<i>Siganus virgatus</i>	Barhead spinefoot	71	...	...

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
5,574	-	21,084	...	...	...	...	...
40,878	-	8,204	...	63,719	57	...	...
1,311	-	...	...	...	...	...	...
8,054	-	...	...	...	...	...	...
...	-	2,728	...	...	...	...	...
...	-	6,931	...	...	...	...	...
2,422	-	337	...	...	...	...	...
13,723	-	4,327	...	...	97	...	...
3,671	-	196	...	...	...	...	...
42,213	-	6,995	...	...	...	...	...
...	-	...	...	21,661	...	...	...
1,948	-	...	...	...	...	...	...
7,328	-	...	...	...	...	...	...
...	-	...	...	40,561	...	...	...
2,733	-	...	...	...	...	...	...
22,112	-	...	...	...	...	...	...
4,883	-	...	...	...	...	...	...
22,246	-	...	...	...	...	...	...
...	-	34,764	...	...	...	...	...
...	-	24,322	...	...	55	...	...
...	-	205	...	...	...	...	...
...	-	4,719	...	...	...	...	...
...	-	1,307	...	...	...	...	...
...	-	2,556	...	...	...	...	...
260	-	...	...	...	...	...	...
2,987	-	...	...	...	...	...	...
...	-	267	...	...	...	...	...
...	-	8,096	...	22,638	...	...	...
1,885	-	...	...	...	...	...	...
12,617	-	...	...	...	...	...	...
17,519	-	29,070	...	...	...	...	...
74,687	-	20,460	...	...	282	2,877	...
2,576	-	...	...	...	...	...	...
34,228	-	...	...	...	...	...	...
186	-	...	...	...	...	...	...
6,015	-	...	...	...	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.2 In Value (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Siganus</i> spp.	Spinefeet (=Rabbitfishes) nei	57	...	...
<i>Siganus</i> spp.	Spinefeet (=Rabbitfishes) nei	71	...	...
<i>Megalops cyprinoides</i>	Indo-Pacific tarpon	57	...	...
<i>Megalops cyprinoides</i>	Indo-Pacific tarpon	71	...	...
<i>Terapon</i> spp.	Terapon perches nei	57	...	...
<i>Terapon</i> spp.	Terapon perches nei	71	...	...
<i>Muraenesox cinereus</i>	Daggertooth pike conger	57	...	...
<i>Muraenesox cinereus</i>	Daggertooth pike conger	71	...	...
<i>Trichiurus lepturus</i>	Largehead hairtail	57	...	...
<i>Trichiurus lepturus</i>	Largehead hairtail	71	...	...
Trichiuridae	Hairtails nei	57	...	...
Trichiuridae	Hairtails nei	71	...	...
<i>Amblygaster sirm</i>	Spotted sardinella	57	...	...
<i>Amblygaster sirm</i>	Spotted sardinella	71	...	...
<i>Sardinella gibbosa</i>	Goldstripe sardinella	57	...	...
<i>Sardinella gibbosa</i>	Goldstripe sardinella	71	...	...
<i>Sardinella lemuru</i>	Bali sardinella	57	...	...
<i>Sardinella lemuru</i>	Bali sardinella	71	...	...
<i>Sardinella</i> spp.	Sardinellas nei	71	...	...
<i>Dussumieria acuta</i>	Rainbow sardine	57	...	...
<i>Dussumieria acuta</i>	Rainbow sardine	71	...	...
<i>Stolephorus</i> spp.	<i>Stolephorus</i> anchovies	57	...	...
<i>Stolephorus</i> spp.	<i>Stolephorus</i> anchovies	71	...	...
<i>Chirocentrus dorab</i>	Dorab wolf-herring	71	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	57	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	71	...	...
<i>Auxis thazard</i>	Frigate tuna	57	...	...
<i>Auxis thazard</i>	Frigate tuna	71	...	...
<i>Auxis rochei</i>	Bullet tuna	57	...	...
<i>Auxis rochei</i>	Bullet tuna	71	...	...
<i>Euthynnus affinis</i>	Kawakawa	57	...	...
<i>Euthynnus affinis</i>	Kawakawa	71	...	...
<i>Katsuwonus pelamis</i>	Skipjack tuna	57	...	...
<i>Katsuwonus pelamis</i>	Skipjack tuna	71	...	...

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
833	-	252	...	...	...	...	...
15,829	-	8,279	...	46,801	129	...	...
...	-	89	...	...	...	...	...
...	-	1,032	...	...	...	...	...
2,852	-	...	...	...	...	...	...
8,556	-	...	...	...	...	...	...
...	-	3,760	...	...	...	...	...
10,827	-	...	...	...	...	2,614	...
...	-	30,242	...	...	...	...	...
...	-	26,828	...	...	125	7,613	...
12,311	-	...	...	...	...	...	...
46,311	-	...	...	22,819	...	...	...
3,868	-	...	...	...	...	...	...
28,362	-	...	...	...	...	...	...
7,253	-	...	...	...	...	...	...
96,363	-	...	...	...	...	...	...
8,566	-	...	...	...	...	...	...
23,159	-	...	...	...	...	...	...
...	-	...	...	242,614	...	41,504	...
1,279	-	...	...	...	...	...	...
16,992	-	...	...	8,004	...	...	...
54,961	-	18,561	...	...	...	...	...
194,860	-	62,657	...	77,561	...	...	...
...	-	...	...	...	311	4,943	...
4,559	-	2,764	...	...	...	...	...
13,768	-	10,633	...	...	...	...	...
41,001	-	3,009	...	...	...	...	...
174,794	-	4,518	...	201,63	...	...	...
13,243	-	...	...	...	...	...	...
34,053	-	...	...	...	...	...	...
28,041	-	21,730	...	...	...	...	...
205,631	-	74,851	...	45,340	...	22,573	...
39,620	-	...	...	...	...	...	...
526,377	-	15,333	...	346,451	2	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.2 In Value (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Thunnus tonggol</i>	Longtail tuna	57	...	...
<i>Thunnus tonggol</i>	Longtail tuna	71	...	...
<i>Thunnus alalunga</i>	Albacore tuna	57	...	...
<i>Thunnus alalunga</i>	Albacore tuna	71	...	...
<i>Thunnus maccoyii</i>	Southern bluefin tuna	57	...	...
<i>Thunnus albacares</i>	Yellowfin tuna	57	...	...
<i>Thunnus albacares</i>	Yellowfin tuna	71	...	...
<i>Thunnus obesus</i>	Bigeye tuna	57	...	...
<i>Thunnus obesus</i>	Bigeye tuna	71	...	...
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	57	...	...
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	71	...	...
Istiophoridae	Marlins, sailfishes, etc. nei	57	...	...
Istiophoridae	Marlins, sailfishes, etc. nei	71	...	...
<i>Makaira indica</i>	Black marlin	57	...	...
<i>Makaira indica</i>	Black marlin	71	...	...
<i>Makaira nigricans</i>	Atlantic blue marlin	57	...	...
<i>Makaira nigricans</i>	Atlantic blue marlin	71	...	...
<i>Tetrapturus audax</i>	Striped marlin	57	...	...
<i>Tetrapturus audax</i>	Striped marlin	71	...	...
<i>Xiphias gladius</i>	Swordfish	57	...	...
<i>Xiphias gladius</i>	Swordfish	71	...	...
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	57	...	...
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	71	...	...
<i>Scomberomorus guttatus</i>	Indo-Pacific king mackerel	57	...	...
<i>Scomberomorus guttatus</i>	Indo-Pacific king mackerel	71	...	...
<i>Scomberomorus</i> spp.	Seerfishes nei	57	...	...
<i>Scomberomorus</i> spp.	Seerfishes nei	71	...	...
<i>Sarda orientalis</i>	Striped bonito	57	...	...
<i>Sarda orientalis</i>	Striped bonito	71	...	...
<i>Tylosurus</i> spp.	Needlefishes nei	57	...	...
<i>Tylosurus</i> spp.	Needlefishes nei	71	...	...
<i>Hemiramphus</i> spp.	Halfbeaks nei	57	...	...
<i>Hemiramphus</i> spp.	Halfbeaks nei	71	...	...
<i>Lactarius lactarius</i>	False trevally	57	...	...
<i>Lactarius lactarius</i>	False trevally	71	...	...



US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
12,515	-	24,151	...	...	...	...	...
61,103	-	57,156	...	...	...	19,806	...
22,307	-	...	...	...	...	...	...
...	-	154	...	...	...	32	...
2,502	-	...	...	...	...	...	...
44,178	-	...	...	...	...	...	...
446,685	-	18,911	...	330,472	...	204	...
24,978	-	...	...	...	...	...	...
183,173	-	2,782	...	31,380	...	384	...
2,634	-	...	...	...	...	...	...
12,000	-	...	...	...	...	...	...
...	-	24	...	...	...	...	...
...	-	1,576	...	...	...	...	...
3,644	-	...	...	...	...	...	...
10,372	-	...	...	...	...	...	...
606	-	...	...	...	...	...	...
909	-	...	...	...	...	...	...
1,096	-	...	...	...	...	...	...
2,036	-	...	...	...	...	...	...
7,344	-	210	...	...	...	...	...
18,885	-	609	...	...	...	...	...
41,987	-	...	...	...	...	...	...
339,715	-	...	...	44,927	...	...	...
9,311	-	...	...	...	...	...	...
45,458	-	...	...	...	...	...	...
...	-	20,640	...	...	...	...	...
...	-	33,672	...	...	413	30,127	...
994	-	...	...	...	...	...	...
1,622	-	...	...	...	...	...	...
1,237	-	...	...	...	...	...	...
5,636	-	...	...	...	...	...	...
2,772	-	...	...	...	...	...	...
14,555	-	...	...	...	...	...	...
2,973	-	...	...	...	...	...	...
19,897	-	1,967	...	...	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.2 In Value (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Seriolina nigrofasciata</i>	Blackbanded trevally	71	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	57	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	71	...	...
Carangidae	Carangids nei	57	...	...
Carangidae	Carangids nei	71	...	...
<i>Rachycentron canadum</i>	Cobia	57	...	...
<i>Rachycentron canadum</i>	Cobia	71	...	...
<i>Decapterus russelli</i>	Indian scad	57	...	...
<i>Decapterus russelli</i>	Indian scad	71	...	...
<i>Decapterus</i> spp.	Scads nei	57	...	...
<i>Decapterus</i> spp.	Scads nei	71	...	...
Exocoetidae	Flying fishes nei	57	...	...
Exocoetidae	Flying fishes nei	71	...	...
<i>Selar crumenophthalmus</i>	Bigeye scad	57	...	...
<i>Selar crumenophthalmus</i>	Bigeye scad	71	...	...
<i>Selaroides leptolepis</i>	Yellowstripe scad	57	...	...
<i>Selaroides leptolepis</i>	Yellowstripe scad	71	...	...
<i>Parastromateus niger</i>	Black pomfret	57	...	...
<i>Parastromateus niger</i>	Black pomfret	71	...	...
<i>Elagatis bipinnulata</i>	Rainbow runner	57	...	...
<i>Elagatis bipinnulata</i>	Rainbow runner	71	...	...
<i>Megalaspis cordyla</i>	Hardtail scad	57	...	...
<i>Megalaspis cordyla</i>	Hardtail scad	71	...	...
<i>Scomberoides</i> spp.	Queenfishes	57	...	...
<i>Scomberoides</i> spp.	Queenfishes	71	...	...
<i>Coryphaena hippurus</i>	Dolphinfish	57	...	...
<i>Coryphaena hippurus</i>	Dolphinfish	71	...	...
Engraulidae	Anchovies, etc. nei	71	...	...
<i>Scomber australasicus</i>	Spotted chub mackerel	57	...	...
<i>Scomber australasicus</i>	Spotted chub mackerel	71	...	...
<i>Rastrelliger brachysoma</i>	Short mackerel	57	...	...
<i>Rastrelliger brachysoma</i>	Short mackerel	71	...	...
<i>Rastrelliger kanagurta</i>	Indian mackerel	57	...	...
<i>Rastrelliger kanagurta</i>	Indian mackerel	71	...	...

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
...	-	...	...	...	...	9,610	...
27,491	-	...	...	...	...	...	...
155,780	-	...	...	...	121	...	...
...	-	4,782	...	...	...	...	...
...	-	45,237	...	113,334	59	49,613	...
...	-	1,046	...	...	...	...	...
...	-	2,886	...	...	...	...	...
...	-	97,433	...	...	...	...	...
...	-	238,213	...	...	...	27,157	...
24,359	-	...	...	...	...	...	...
280,130	-	...	...	326,905	142	...	...
2,011	-	...	...	...	...	...	...
9,162	-	...	...	25,014	...	...	...
2,758	-	42,616	...	...	...	...	...
14,478	-	113,137	...	172,370	...	18,279	...
35,556	-	3,584	...	...	...	...	...
173,599	-	41,595	...	...	...	...	...
13,310	-	3,699	...	...	...	...	...
107,693	-	10,442	...	...	...	7,806	...
3,576	-	151	...	...	...	...	...
13,453	-	2,784	...	...	...	...	...
8,413	-	58,393	...	...	...	11,475	...
31,649	-	36,663	...	...	...	...	...
4,136	-	2,051	...	...	...	...	...
2,714	-	10,903	...	...	...	...	...
1,666	-	...	...	...	...	...	...
12,221	-	...	...	...	...	...	...
...	-	...	...	...	...	58,225	...
283	-	...	...	...	...	...	...
1,066	-	...	...	...	...	...	...
71,136	-	...	...	...	...	...	...
284,546	-	...	...	60,426	...	...	...
3,719	-	...	...	...	...	...	...
70,653	-	...	...	123,842	...	49,787	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.2 In Value (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Rastrelliger</i> spp.	Other <i>Rastrelliger</i> mackerels	57	...	...
<i>Rastrelliger</i> spp.	Other <i>Rastrelliger</i> mackerels	71	...	...
<i>Pampus argenteus</i>	Silver pomfret	57	...	...
<i>Pampus argenteus</i>	Silver pomfret	71	...	...
<i>Sphyaena jello</i>	Pickhandle barracuda	57	...	...
<i>Sphyaena jello</i>	Pickhandle barracuda	71	...	...
<i>Sphyaena barracuda</i>	Great barracuda	57	...	...
<i>Sphyaena barracuda</i>	Great barracuda	71	...	...
<i>Sphyaena</i> spp.	Barracudas nei	57	...	...
<i>Sphyaena</i> spp.	Barracudas nei	71	...	...
<i>Alopias</i> spp.	Thresher sharks nei	57	...	...
<i>Alopias</i> spp.	Thresher sharks nei	71	...	...
Squalidae	Dogfishes nei	57	...	...
Squalidae	Dogfishes nei	71	...	...
Elasmobranchii	Sharks, rays, skates, etc. nei	57	...	...
Elasmobranchii	Sharks, rays, skates, etc. nei	71	...	...
Sphyrnidae	Hammerhead sharks nei	57	...	...
Sphyrnidae	Hammerhead sharks nei	71	...	...
Lamnidae	Mackerel sharks nei	57	...	...
Lamnidae	Mackerel sharks nei	71	...	...
Carcharhinidae	Requim sharks nei	57	...	...
Carcharhinidae	Requim sharks nei	71	...	...
<i>Dasyatis</i> spp.	Stings nei	57	...	...
<i>Dasyatis</i> spp.	Stings nei	71	...	...
<i>Rhynchobatus australiae</i>	Whitespotted wedgefish	57	...	...
<i>Rhynchobatus australiae</i>	Whitespotted wedgefish	71	...	...
Rhynobatidae	Guitarfishes, etc. nei	57	...	...
Rhynobatidae	Guitarfishes, etc. nei	71	...	...
Stromateidae	Butterfishes, pomfrets nei	57	...	...
Stromateidae	Butterfishes, pomfrets nei	71	...	...
Rajiformes	Rays, stingrays, mantas nei	57	...	...
Rajiformes	Rays, stingrays, mantas nei	71	...	...
Myliobatidae	Eagle rays nei	57	...	...
Myliobatidae	Eagle rays nei	71	...	...

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
...	-	513,983	...	...	...	...	...
...	-	79,117	...	...	79	163,219	...
30,871	-	7,983	...	...	...	...	...
103,351	-	5,009	...	...	...	4,107	...
197	-	...	...	...	...	...	...
1,213	-	...	...	...	...	...	...
2,423	-	...	...	...	...	...	...
11,828	-	...	...	...	...	...	...
...	-	4,644	...	...	...	...	...
...	-	19,482	...	...	185	24,061	...
1,805	-	...	...	...	...	...	...
9,475	-	...	...	...	...	...	...
1,073	-	...	...	...	...	...	...
5,239	-	...	...	...	...	...	...
...	-	4,241	...	...	...	...	...
...	-	19,921	...	...	72	3,474	...
233	-	...	...	...	...	...	...
518	-	...	...	...	...	...	...
373	-	...	...	...	...	...	...
608	-	...	...	...	...	...	...
3,539	-	...	...	...	...	...	...
31,850	-	...	...	...	...	...	...
6,331	-	...	...	...	...	...	...
51,227	-	...	...	...	...	...	...
629	-	...	...	...	...	...	...
5,665	-	...	...	...	...	...	...
184	-	...	...	...	...	...	...
1,658	-	...	...	...	...	...	...
...	-	5,268	...	...	...	...	...
...	-	5,133	...	...	573	...	...
...	-	15,112	...	...	...	...	...
...	-	41,378	...	...	...	...	...
1,462	-	...	...	...	...	...	...
7,675	-	...	...	...	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.2 In Value (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
Mobulidae	Mantas, devil rays nei	57	...	...
Mobulidae	Mantas, devil rays nei	71	...	...
Clupeoidei	Diadromous clupeoids nei	57	...	...
Clupeoidei	Diadromous clupeoids nei	71	...	...
Clupeoidei	Clupeoids nei	57	...	...
Clupeoidei	Clupeoids nei	71	...	...
Stomatopoda	Stomatopods nei	71	...	...
Balistidae	Triggerfishes, durgons nei	57	...	...
Balistidae	Triggerfishes, durgons nei	71	...	...
Pristidae	Sawfishes	57	...	...
Pristidae	Sawfishes	71	...	...
Osteichthyes	Marine fishes nei	57	...	...
Osteichthyes	Marine fishes nei	71	7,604	...
<i>Portunus pelagicus</i>	Blue swimming crab	57	...	...
<i>Portunus pelagicus</i>	Blue swimming crab	71	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	57	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	71	...	...
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	57	...	...
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	71	...	...
<i>Thenus orientalis</i>	Flathead lobster	71	...	...
Scyllaridae	Slipper lobsters nei	71	...	...
<i>Penaeus merguensis</i>	Banana prawn	57	...	...
<i>Penaeus merguensis</i>	Banana prawn	71	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	57	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	71	...	...
<i>Penaeus latisulcatus</i>	Western king prawn	71	...	...
<i>Penaeus semisulcatus</i>	Green tiger prawn	71	...	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	71	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	57	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	71	...	...
Sergestidae	Sergestid shrimps nei	57	...	...
Sergestidae	Sergestid shrimps nei	71	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	57	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	71	...	...

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
545	-	...	...	...	...	...	...
4,408	-	...	...	...	...	...	...
...	-	98	...	...	...	...	...
...	-	8,271	...	...	...	...	...
...	-	24,536	...	...	...	...	...
...	-	105,094	...	...	...	...	...
...	-	...	...	...	...	1,748	...
...	-	242	...	...	...	...	...
...	-	1,768	...	...	...	...	...
3	-	...	...	...	...	...	...
4	-	...	...	...	...	...	...
42,479	-	527,074	4,458,696	...	...	...	...
382,313	-	477,886	...	...	222	193,551	...
16,779	-	...	...	...	...	...	...
112,888	-	...	...	69,664	...	97,844	...
17,479	-	...	...	...	...	...	...
74,517	-	...	...	...	261	8,283	...
5,304	-	22	...	...	...	...	...
53,625	-	2,654	...	...	50	...	...
...	-	...	...	...	...	5,212	...
...	-	...	...	...	27	...	...
33,770	-	...	...	...	...	...	...
207,444	-	...	...	...	...	63,304	...
18,249	-	...	...	...	...	...	...
112,103	-	...	...	...	...	12,163	...
...	-	...	...	...	...	6,387	...
...	-	...	...	...	...	10,314	...
...	-	...	...	...	...	35,264	...
13,352	-	...	...	...	...	...	...
82,018	-	...	...	...	...	38,626	...
...	-	96,510	...	...	...	...	...
...	-	33,250	...	13,599	...	2,203	...
33	-	...	...	...	...	...	...
202	-	...	...	...	...	...	...

### 3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014

#### 3.3.2 In Value (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Perna viridis</i>	Green mussel	57	...	...
<i>Perna viridis</i>	Green mussel	71	...	...
<i>Anadara granosa</i>	Blood cockle	57	...	...
<i>Anadara granosa</i>	Blood cockle	71	...	...
Pectinidae	Scallops nei	57	...	...
Pectinidae	Scallops nei	71	...	...
<i>Paphia</i> spp.	Short neck clam nei	71	...	...
<i>Meretrix</i> spp.	Hard clams nei	57	...	...
<i>Meretrix</i> spp.	Hard clams nei	71	...	...
Bivalvia	Clams, etc. nei	57	...	...
Bivalvia	Clams, etc. nei	71	...	...
Crustacea	Marine crustaceans nei	57	...	...
Crustacea	Marine crustaceans nei	71	1,145	...
Brachyura	Marine crabs nei	57	...	...
Brachyura	Marine crabs nei	71	...	...
Natantia	Natantian decapods nei	57	...	...
Natantia	Natantian decapods nei	71	...	...
Sepiidae, Sepiolidae	Cuttlefish, bobtail squids nei	57	...	...
Sepiidae, Sepiolidae	Cuttlefish, bobtail squids nei	71	...	...
<i>Loligo</i> spp.	Common squids nei	57	...	...
<i>Loligo</i> spp.	Common squids nei	71	...	...
Loliginidae, Ommastrephidae	Various squids nei	57	...	...
Loliginidae, Ommastrephidae	Various squids nei	71	...	...
Octopodidae	Octopuses nei	57	...	...
Octopodidae	Octopuses nei	71	...	...
<i>Sepioteuthis lessoniana</i>	Bigfin reef squid	71	...	...
Mollusca	Marine molluscs nei	57	...	...
Mollusca	Marine molluscs nei	71	328	...
<i>Trochus niloticus</i>	Commercial top shell	57	...	...
<i>Trochus niloticus</i>	Commercial top shell	71	...	...
Holothuroidea	Sea cucumbers nei	57	...	...
Holothuroidea	Sea cucumbers nei	71	...	...



US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
594	-	...	...	...	...	...	...
3,648	-	...	...	...	...	...	...
6,457	-	...	...	...	...	...	...
39,663	-	...	...	...	...	1,282	...
68	-	...	...	...	...	...	...
418	-	...	...	...	...	527	...
...	-	...	...	...	...	9,036	...
135	-	...	...	...	...	...	...
828	-	...	...	...	...	...	...
...	-	19,951	...	...	...	...	...
...	-	7,087	...	...	...	...	...
198	-	...	...	...	...	...	...
1,216	-	...	...	...	...	...	...
...	-	18,384	...	...	...	...	...
...	-	25,725	...	...	797	6,917	...
23,765	-	135,777	...	...	...	...	...
145,983	-	86,383	...	...	3,087	...	...
3,880	-	40,143	...	...	...	...	...
23,883	-	40,081	...	...	163	58,217	...
35,300	-	...	...	...	...	...	...
216,841	-	...	...	117,870	208	228,684	...
...	-	103,303	...	...	...	...	...
...	-	100,763	...	...	...	...	...
1,602	-	2,354	...	...	...	...	...
9,840	-	3,916	...	...	...	15,861	...
...	-	...	...	...	...	17,078	...
470	-	...	...	...	...	...	...
2,888	-	...	...	...	...	3,083	...
11	-	...	...	...	...	...	...
66	-	...	...	...	...	...	...
4,126	-	...	...	...	...	...	...
25,345	-	...	...	...	...	...	...

**3.3 Marine Capture Fishery Production by Species and by Fishing Area, 2014**  
**3.3.2 In Value (Cont'd)**

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Rhopilema</i> spp.	Jellyfishes	57	...	...
<i>Rhopilema</i> spp.	Jellyfishes	57	...	...
Testudinata	Marine turtles nei	57	...	...
Testudinata	Marine turtles nei	71	...	...
Invertebrata	Aquatic invertebrates nei	57	...	...
Invertebrata	Aquatic invertebrates nei	71	...	...
-				

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
1,030	-	2,416	...	...	...	...	...
6,326	-	14,998	...	...	...	5,323	...
32	-	...	...	...	...	...	...
196	-	...	...	...	...	...	...
198	-	...	...	...	...	...	...
1,219	-	...	...	...	...	1,023	...

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.1 Brunei Darussalam

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Anodontostoma chacunda</i>	Chacunda gizzard shad	...	...	...	...	...	...
<i>Tenualosa macrura</i>	Longtail shad	...	...	...	...	...	...
<i>Lates calcarifer</i>	Barramundi (=Giant seaperch)	...	...	...	...	...	...
<i>Psettodes erumei</i>	Indian halibut	...	...	...	...	...	...
<i>Saurida tumbil</i>	Greater lizardfish	...	...	...	...	...	...
<i>Arius thalassinus</i>	Giant catfish	...	...	...	...	...	...
<i>Arius</i> spp.	Sea catfishes nei	...	...	...	...	...	...
<i>Plotosus</i> spp.	Eeltail catfishes	...	...	...	...	...	...
<i>Mugil cephalus</i>	Flathead grey mullet	...	...	...	...	...	...
<i>Lisa</i> spp.	Mulletts	...	...	...	...	...	...
<i>Caesio</i> spp.	Fusiliers	...	...	...	...	...	...
<i>Epinephelus</i> spp.	Groupers nei	...	...	...	...	...	...
<i>Priacanthus tayenus</i>	Purple-spotted bigeye	...	...	...	...	...	...
<i>Sillago sihama</i>	Silver sillago	...	...	...	...	...	...
<i>Johnius</i> spp.	Croakers	...	...	...	...	...	...
<i>Otolithes ruber</i>	Tigertooth croaker	...	...	...	...	...	...
<i>Lutjanus argentimaculatus</i>	Mangrove red snapper	...	...	...	...	...	...
<i>Lutjanus malabaricus</i>	Malabar blood snapper	0.019	...	...	...	...	...
<i>Lutjanus johnii</i>	John's snapper	...	...	...	...	...	...
<i>Lutjanus lutjanus</i>	Bigeye snapper	...	...	...	...	...	...
<i>Lutjanus vitta</i>	Brownstripe red snapper	...	...	...	...	...	...
<i>Lutjanus russelli</i>	Russell's snapper	...	...	...	...	...	...
<i>Lutjanus</i> spp.	Snappers nei	...	...	...	...	...	...
<i>Pristipomoides multidens</i>	Goldenbanded jobfish	...	...	...	...	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	...	...	...	...	...	...
<i>Leiognathus</i> spp.	Ponyfishes (=Slipmouths)	1.038	...	...	...	...	...
<i>Plectorhinchus</i> spp.	Sweetlips	...	...	...	...	...	...
<i>Pomadasys argenteus</i>	Silver grunt	...	...	...	...	...	...
<i>Pomadasys maculatus</i>	Saddle grunt	...	...	...	...	...	...
<i>Pomadasys</i> spp.	Grunts	...	...	...	...	...	...
<i>Lethrinus</i> spp.	Emperors (=Scavengers) nei	....	...	...	...	...	...
<i>Upeneus sulphureus</i>	Sulphur goatfish	...	...	...	...	...	...
<i>Gerres</i> spp.	Mojarras (=Silver-biddies) nei	...	...	...	...	...	...

														MT	
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
0.664	...	...	...	...	...	...	3.390	0.048	...	...	0.016	...	...	...	
0.046	...	...	...	...	...	...	0.001	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	1.099	0.303	...	...	0.049	...	...	...	
22.945	...	...	...	...	...	...	0.422	0.016	...	...	0.015	...	...	...	
47.441	...	...	...	...	...	...	0.008	...	...	...	...	...	...	...	
16.156	...	...	...	...	...	...	0.538	0.052	...	...	0.073	...	...	...	
...	...	...	...	...	...	...	2.501	0.225	...	...	...	...	...	...	
...	...	...	...	...	...	...	0.631	0.841	...	...	...	...	...	...	
...	...	...	...	...	...	...	0.238	0.275	...	...	...	...	...	...	
...	...	...	...	...	...	...	0.261	0.185	...	...	...	...	...	...	
0.059	...	...	...	...	...	...	0.303	...	...	...	0.152	...	...	0.137	
5.933	...	...	...	...	...	...	0.168	4.752	...	...	0.677	...	...	1.838	
119.8	...	...	...	...	...	...	0.081	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	0.184	...	...	...	...	...	...	
23.561	...	...	...	...	...	...	0.725	0.005	...	...	...	...	...	...	
5.787	...	...	...	...	...	...	1.13	...	...	...	0.003	...	...	...	
0.125	...	...	...	...	...	...	0.035	0.209	...	...	...	...	...	...	
12.571	...	...	...	...	...	...	5.380	0.394	...	...	...	...	...	0.917	
4.031	...	...	...	...	...	...	3.463	3.583	...	...	0.157	...	...	...	
...	...	...	...	...	...	...	7.938	...	...	...	0.101	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.045	
...	...	...	...	...	...	...	0.001	0.599	...	...	0.082	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	3.198	...	...	0.012	
6.984	...	...	...	...	...	...	0.03	...	...	...	3.39	...	...	1.818	
108.227	...	...	...	...	...	...	0.794	...	...	...	0.062	...	...	1.271	
84.162	...	...	...	...	...	...	10.919	0.058	...	...	0.001	...	...	...	
0.102	...	...	...	...	...	...	0.016	...	...	...	0.057	...	...	...	
...	...	...	...	...	...	...	...	0.003	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.391	
12.12	...	...	...	...	...	...	5.207	0.033	...	...	...	...	...	...	
1.241	...	...	...	...	...	...	0.428	...	...	...	0.15	...	...	0.02	
39.873	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
2,832	...	...	...	...	...	...	0.033	0.032	...	...	0.028	...	...	...	

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.1 Brunei Darussalam (Cont'd)

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Drepane punctata</i>	Spotted sicklefish	...	...	...	...	...	...
<i>Eleutheronema tetradactylum</i>	Four finger threadfin	...	...	...	...	...	...
<i>Polynemus</i> spp.	Threadfins	...	...	...	...	...	...
<i>Siganus</i> spp.	Spinefeet (=Rabbitfishes) nei	0.057	...	...	...	...	...
<i>Abalister stellaris</i>	Starry triggerfish	0.062	...	...	...	...	...
<i>Muraenesox cinereus</i>	Daggertooth pike conger	...	...	...	...	...	...
<i>Trichiurus lepturus</i>	Largehead hairtail	10.892	...	...	...	...	...
<i>Amblygaster sirm</i>	Spotted sardinella	11.036	...	...	...	...	...
<i>Sardinella gibbosa</i>	Goldstripe sardinella	3.978	...	...	...	...	...
<i>Sardinella fimbriata</i>	Fringescale sardinella	...	...	...	...	...	...
<i>Dussumieria acuta</i>	Rainbow sardine	171.49	...	...	...	...	...
<i>Chirocentrus dorab</i>	Dorab wolf-herring	...	...	...	...	...	...
<i>Euthynnus affinis</i>	Kawakawa	175.94	...	...	...	...	...
<i>Katsuwonus pelamis</i>	Skipjack tuna	21.769	...	...	...	...	...
<i>Thunnus tonggol</i>	Longtail tuna	6.749	...	...	...	...	...
<i>Thunnus albacares</i>	Yellowfin tuna	194.15	...	...	...	...	...
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	0.062	...	...	...	...	...
<i>Scomberomorus commerson</i>	Narrow-barred spanish mackerel	13.47	...	...	...	...	...
<i>Scomberomorus guttatus</i>	Indo-Pacific king mackerel	3.645	...	...	...	...	...
<i>Hemiramphus</i> spp.	Halfbeaks nei	...	...	...	...	...	...
<i>Lactarius lactarius</i>	False trevally	...	...	...	...	...	...
<i>Rachycentron canadum</i>	Cobia	0.172	...	...	...	...	...
<i>Decapterus</i> spp.	Scads nei	50.293	...	...	...	...	...
<i>Caranx tille</i>	Tille trevally	...	...	...	...	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	8.396	...	...	...	...	...
<i>Alectis indicus</i>	Indian threadfish	...	...	...	...	...	...
<i>Gnathanodon speciosus</i>	Golden trevally	...	...	...	...	...	...
<i>Atule mate</i>	Yellowtail scad	...	...	...	...	...	...
<i>Alepes</i> spp.	Scads	...	...	...	...	...	...
<i>Selar crumenophthalmus</i>	Bigeye scad	95.244	...	...	...	...	...
<i>Seriolina nigrofasciata</i>	Blackbanded trevally	...	...	...	...	...	...
<i>Parastromateus niger</i>	Black pomfret	5.896	...	...	...	...	...

															MT
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
0.745	...	...	...	...	...	...	...	1.255	0.006	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	1.455	...	...	...
0.01	...	...	...	...	...	...	...	0.688	0.052	...	...	...	...	...	...
...	...	...	...	...	...	...	...	0.458	1.829	...	...	0.034	...	...	0.361
2.602	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2.722	...	...	...	...	...	...	...	...	...	...	...	0.024	...	...	...
39.193	...	...	...	...	...	...	...	1.575	0.009	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	0.085	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	0.690	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0.12	...	...	...	...	...	...	...	2.752	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	3.307	...	...	...	0.423	...	...	...
0.269	...	...	...	...	...	...	...	12.232	...	...	...	3.453	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0.009	...	...	...	...	...	...	...	...	...	...	...	0.043	...	...	...
5.702	...	...	...	...	...	...	...	3.016	...	...	...	3.355	...	...	...
7.82	...	...	...	...	...	...	...	0.256	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	0.050	0.039	...	...	...	...	...	...
51.486	...	...	...	...	...	...	...	0.538	...	...	...	...	...	...	...
1.068	...	...	...	...	...	...	...	0.016	...	...	...	...	...	...	...
2.963	...	...	...	...	...	...	...	2.579	...	...	...	1.403	...	...	...
0.05	...	...	...	...	...	...	...	0.106	0.005	...	...	1.307	...	...	...
52.754	...	...	...	...	...	...	...	12.50	0.813	...	...	2.119	...	...	0.527
3.192	...	...	...	...	...	...	...	0.09	0.001	...	...	0.029	...	...	...
0.044	...	...	...	...	...	...	...	0.202	...	...	...	0.103	...	...	...
0.661	...	...	...	...	...	...	...	0.59	25.17	...	...	...	...	...	0.062
4.59	...	...	...	...	...	...	...	...	0.239	...	...	...	...	...	...
34.538	...	...	...	...	...	...	...	0.342	...	...	...	...	...	...	...
0.165	...	...	...	...	...	...	...	2.981	...	...	...	...	...	...	...
2.058	...	...	...	...	...	...	...	0.500	...	...	...	...	...	...	...

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.1 Brunei Darussalam (Cont'd)

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Megalaspis cordyla</i>	Torpedo scad	21.761	...	...	...	...	...
<i>Scomberoides commerson</i>	Talang queenfish	4.482	...	...	...	...	...
<i>Rastrelliger brachysoma</i>	Short mackerel	7.972	...	...	...	...	...
<i>Rastrelliger kanagurta</i>	Indian mackerel	97.72	...	...	...	...	...
<i>Pampus argenteus</i>	Silver pomfret	...	...	...	...	...	...
<i>Sphyaena jello</i>	Pickhandle barracuda	...	...	...	...	...	...
<i>Sphyaena</i> spp.	Barracudas nei	23.679	...	...	...	...	...
<i>Dasyatis</i> spp.	Stingrays nei	0.175	...	...	...	...	...
<i>Rhynchobatus djiddensis</i>	Giant guitarfish	...	...	...	...	...	...
<i>Macrobrachium rosenbergii</i>	Giant river prawn	...	...	...	...	...	...
<i>Portunus pelagicus</i>	Blue swimming crab	...	...	...	...	...	...
<i>Scylla serrata</i>	Indo-pacific swamp crab	...	...	...	...	...	...
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	...	...	...	...	...	...
<i>Thenus orientalis</i>	Flathead lobster	...	...	...	...	...	...
<i>Penaeus merguensis</i>	Banana prawn	...	...	...	...	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	...	...	...	...	...	...
<i>Penaeus semisulcatus</i>	Green tiger prawn	...	...	...	...	...	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	...	...	...	...	...	...
<i>Metapenaeus brevicornis</i>	Yellow shrimp	...	...	...	...	...	...
<i>Metapenaeus ensis</i>	Greasyback shrimp	...	...	...	...	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	...	...	...	...	...	...
<i>Acetes japonicus</i>	Akaiami paste shrimp	...	...	...	...	...	...
<i>Sepia</i> spp.	Cuttlefish	...	...	...	...	...	...
<i>Loligo</i> spp.	Common squids nei	20.433	...	...	...	...	...
<i>Bohadschia argus</i>	Leopard fish	...	...	...	...	...	...
-	Others	75.827	...	...	...	...	...



															MT
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
3.93	...	...	...	...	...	...	6.627	...	...	...	1.106	...	...	...	
12.443	...	...	...	...	...	...	4.605	...	...	...	0.273	...	...	...	
0.157	...	...	...	...	...	...	1.376	...	...	...	0.036	...	...	...	
2.985	...	...	...	...	...	...	14.476	...	...	...	2.027	...	...	...	
0.105	...	...	...	...	...	...	0.137	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	0.02	...	...	...	0.029	...	...	...	
23.431	...	...	...	...	...	...	0.55	0.113	...	...	0.081	...	...	...	
43.485	...	...	...	...	...	...	4.209	0.817	...	...	0.23	...	...	...	
0.571	...	...	...	...	...	...	0.024	...	...	...	0.006	...	...	...	
...	...	...	...	...	...	...	...	0.097	...	...	...	...	...	...	
15.179	...	...	...	...	...	...	9.765	0.01	...	...	...	...	...	...	
...	...	...	...	...	...	...	0.109	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	0.151	...	...	...	...	...	...	...	
1.62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
14.58	...	...	...	...	...	...	0.002	...	...	...	...	...	...	...	
1.083	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
64.507	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1.388	...	...	...	...	...	...	6.891	0.03	...	...	...	...	...	...	
0.252	...	...	...	...	...	...	0.216	...	...	...	...	...	...	...	
18.152	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
0.026	...	...	...	...	...	...	3.951	0.112	...	...	...	...	...	...	
...	...	...	...	...	...	...	73.84	...	...	...	...	...	...	...	
97.121	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
129.91	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	0.01	2.144	...	...	...	...	...	...	
841.82	...	...	...	...	...	...	11.31	0.098	...	...	0.547	...	...	2.191	

## 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

## 3.4.2 Malaysia

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Anodontostoma chacunda</i>	Chacunda gizzard shad	48	0	48	8	...	...
<i>Hilsa kelee</i>	Kelee shad	...	...	...	...	...	...
<i>Tenualosa macrura</i>	Longtail shad	24	0	24	...	...	...
<i>Ilisha elongata</i>	Elongate ilisha	2,498	403	2,095	1	...	...
<i>Pellona ditchela</i>	Indian pellona	73	0	73	...	...	...
<i>Lates calcarifer</i>	Barramudi (=Giant seaperch)	...	...	...	30	...	...
Cynoglossidae	Tonguefishes	...	...	...	22	...	...
<i>Pseudorhombus</i> spp.	Flounders	1	0	1	22	...	...
<i>Harpadon nehereus</i>	Bombay duck	...	...	...	...	...	...
<i>Saurida</i> spp.	Lizard fishes	86	0	86	75	...	...
<i>Arius</i> spp.	Sea catfishes nei	28	4	24	1,508	...	...
<i>Plotosus</i> spp.	Eeltail catfishes	2	0	2	65	...	...
<i>Lisa</i> spp.	Mulletts	8	0	8	39	...	...
<i>Pterocaeso</i> spp.	Fusiliers	7	0	7	...	...	...
<i>Epinephelus</i> spp.	Groupers nei	2	0	2	24	...	...
<i>Priacanthus tayenus</i>	purple-spotted bigeye	33	0	33	...	...	...
<i>Sillago</i> spp.	Sillago-whitings	1	0	1	5	...	...
<i>Otolithes ruber</i>	Tigertooth croaker	551	510	41	5,458	...	...
<i>Lutjanus malabaricus</i>	Malabar blood snapper	33	0	33	14	...	...
<i>Lutjanus johnii</i>	John's snapper	11	0	11	10	...	...
<i>Lutjanus russelli</i>	Russell's snapper	...	...	...	...	...	...
<i>Lutjanus</i> spp.	Snappers nei	29	0	29	...	...	...
<i>Pristipomoides multidens</i>	Goldenbanded jobfish	...	...	...	...	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	52	0	52	...	...	...
<i>Scolopsis</i> spp.	Monocole breams	3	0	3	...	...	...
<i>Leiognathus</i> spp.	Ponyfishes	359	38	321	15	...	...
<i>Plectorhinchus</i> spp.	Sweetlips	...	...	...	...	...	...
<i>Pomydasys</i> spp.	Grunts	2	0	2	...	...	...
<i>Lethrinus</i> spp.	Emperors	8	0	8	...	...	...
<i>Upeneus</i> spp.	Goatfishes	4	0	4	...	...	...
<i>Gerres</i> spp.	Mojarras nei	23	0	23	17	...	...
<i>Drepane punctata</i>	Spotted sicklefish	1	0	1	12	...	...

															MT
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
4,624	...	...	...	15	...	...	...	5,555	26	26	0	...	21	...	41
35	...	...	...	...	...	...	...	921	...	...	...	...	...	...	8
67	...	...	...	...	...	...	...	1,464	...	...	...	...	40	...	...
3,487	...	...	...	...	...	...	...	5,433	4	4	0	6	3	...	10
2,039	...	...	...	...	...	...	...	5,905	...	...	...	...	3	...	34
163	...	...	...	1	...	...	...	633	171	59	111	805	4	...	15
1,534	...	...	...	1	...	...	...	817	9	9	0	13	0	...	60
3,660	...	...	...	3	...	...	...	304	13	12	1	15	6	...	...
889	...	...	...	38	...	...	...	1,976	...	...	...	...	5	...	914
39,649	...	...	...	...	...	...	...	120	116	0	116	9	...	...	1
7,810	...	...	...	32	...	...	...	9,469	200	91	109	1,951	62	...	270
531	...	...	...	...	...	...	...	2,212	70	11	59	514	10	...	326
182	...	...	...	1	...	...	...	4,390	83	66	18	4	4	...	197
66	...	...	...	17	...	...	...	46	252	38	214	60	...	...	51
3,125	...	...	...	2	...	...	...	775	1,033	60	973	4,676	...	...	659
16,851	...	...	...	6	...	...	...	237	...	...	...	9	...	...	...
1,299	...	...	...	10	...	...	...	1,104	...	...	...	12	...	...	61
21,060	...	...	...	6	...	...	...	11,416	102	86	16	203	127	...	282
2,037	...	...	...	22	...	...	...	1,811	451	30	421	3,444	2	...	...
844	...	...	...	6	...	...	...	652	333	44	289	1,196	...	...	...
450	...	...	...	7	...	...	...	254	68	9	59	618	...	...	...
2,245	...	...	...	...	...	...	...	26	170	0	170	277	...	...	...
2,134	...	...	...	9	...	...	...	118	185	0	185	2,519	...	...	...
37,687	...	...	...	83	...	...	...	2,869	3,068	1	3,067	2	...	...	...
785	...	...	...	...	...	...	...	294	177	1	176	145	1	...	...
7,639	...	...	...	254	...	...	...	666	17	16	1	6	...	...	...
642	...	...	...	10	...	...	...	205	219	0	219	348	3	...	...
1,312	...	...	...	...	...	...	...	589	33	10	23	1,017	...	...	...
375	...	...	...	...	...	...	...	88	64	3	60	956	...	...	708
17,938	...	...	...	3	...	...	...	1	96	13	83	27	...	...	...
897	...	...	...	1	...	...	...	472	21	14	7	69	...	...	6
544	...	...	...	3	...	...	...	471	58	39	19	92	...	...	1

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.2 Malaysia (Cont'd)

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Scarus</i> spp.	Parrot fish	...	...	...	134	...	...
<i>Eleutheronema tetradactylum</i>	Four finger threadfin	...	...	...	2	...	...
<i>Polynemus</i> spp.	Threadfins	1	1	0	93	...	...
<i>Siganus</i> spp.	Spinefeet (=Rabbitfishes) nei	29	2	27	167	...	...
<i>Abalister stellaris</i>	Starry triggerfish	...	...	...	...	...	...
<i>Muraenesox</i> spp.	Pike-congers nei	1	0	1	...	...	...
<i>Trichiurus</i> spp.	Hairtails nei	539	0	539	2	...	...
<i>Sardinella</i> spp.	Sardinellas nei	26,872	467	26,405	...	...	...
<i>Dussumieria</i> spp.	Rainbow sardines nei	6,484	70	6,414	30	...	...
<i>Stolephorus</i> spp.	<i>Stolephorus</i> anchovies	9,271	9,169	103	...	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	11	0	11	...	...	...
<i>Auxis thazard</i> , <i>A. rochei</i>	Frigate and bullet tunas	2,037	0	2,037	2	...	...
<i>Euthynnus affinis</i>	Kawakawa	27,051	0	27,051	...	...	...
<i>Katsuwonus pelamis</i>	Skipjack tuna	3,070	0	3,070	...	...	...
<i>Thunnus tonggol</i>	Longtail tuna	18,015	14	18,001	227	...	...
<i>Thunnus alalunga</i>	Albacore	...	...	...	...	...	...
<i>Thunnus albacares</i>	Yellowfin tuna	90	0	90	...	...	...
<i>Thunnus obesus</i>	Bigeye tuna	...	...	...	...	...	...
<i>Istiophorus platyterus</i>	Indo-Pacific sailfish	8	0	8	4	...	...
<i>Makaira mazara</i>	Indo-Pacific blue marlin	1	0	1	...	...	...
<i>Scomberomorus commerson</i>	Narrow-barred spanish mackerel	506	2	504	7	...	...
<i>Lactarius lactarius</i>	False trevally	...	...	...	...	...	...
<i>Rachycentron canadum</i>	Cobia	18	1	17	...	...	...
<i>Decapterus</i> spp.	Scads nei	90,303	0	90,303	...	...	...
<i>Caranx sexfasciatus</i>	Bigeye travally	120	4	116	2	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	6	0	6	...	...	...
<i>Alectis indicus</i>	Indian threadfish	920	2	918	12	...	...
<i>Gnathanodon speciosus</i>	Golden trevally	73	0	73	...	...	...
<i>Carangoides</i> spp.	Horse mackerel	599	2	597	4	...	...
<i>Atule mate</i>	Yellowtail scad	1,376	0	1,376	1	...	...
<i>Alepes</i> spp.	Scads	13,390	22	13,368	...	...	...
<i>Selar boops</i>	Oxeye scad	14,036	3	14,033	...	...	...
<i>Selaroides leptolepis</i>	Yellowstripe scad	5,842	2	5,840	...	...	...

															MT
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
102	...	...	...	2	...	...	...	293	130	6	124	283	...	...	1011
30	...	...	...	...	...	...	...	969	8	8	0	127	...	...	6
1,088	...	...	...	1	...	...	...	4,706	16	15	1	533	3	...	32
861	...	...	...	1	...	...	...	752	472	188	284	125	...	...	47
399	...	...	...	10	...	...	...	57	45	3	42	104	...	...	...
2,644	...	...	...	...	...	...	...	488	30	0	30	1,294	2	...	1
15,644	...	...	...	51	...	...	...	1,171	12	12	0	15	8	...	11
351	...	...	...	728	...	...	...	839	27	25	2	549	...	...	...
3,408	...	...	...	182	...	...	...	140	...	...	...	32	...	...	...
292	...	...	...	10,918	...	...	...	2,498	18	18	0	...	...	...	99
1,753	...	...	...	...	...	...	...	2,317	...	...	...	4	5	...	6
1	...	...	...	23	...	...	...	161	...	...	...	78	...	...	...
30	...	...	...	...	...	...	...	939	...	...	...	1,514	...	...	...
135	...	...	...	...	...	...	...	745	...	...	...	646	94	...	...
43	...	...	...	2	...	...	...	5,119	13	0	13	1,445	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	47	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	5,694	...	...	...
...	...	...	...	...	...	...	...	132	...	...	...	718	...	...	...
12	...	...	...	...	...	...	...	170	...	...	...	294	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5,012	...	...	...	24	...	...	...	8,425	35	0	35	2,535	60	...	6
296	...	...	...	4	...	...	...	302	...	...	...	...	...	...	...
439	...	...	...	1	...	...	...	277	19	1	18	450	...	...	...
9,861	...	...	...	1,283	...	...	...	283	8	0	8	892	13	...	...
33	...	...	...	...	...	...	...	63	25	0	25	115	...	...	...
...	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...
2,611	...	...	...	19	...	...	...	571	126	28	98	698	...	...	...
42	...	...	...	...	...	...	...	88	72	0	72	23	...	...	...
2,346	...	...	...	...	...	...	...	1,909	231	54	177	2,365	...	...	65
3,622	...	...	...	24	...	...	...	778	...	...	...	32	99	...	...
4,846	...	...	...	633	...	...	...	1,743	40	12	28	2,168	11	...	...
6,775	...	...	...	4	...	...	...	175	1	0	1	41	...	...	...
6,044	...	...	...	377	...	...	...	806	62	20	42	684	...	...	2

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.2 Malaysia (Cont'd)

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Seriolina nigrofasciata</i>	Blackbanded trevally	1	0	1	...	...	...
<i>Parastromateus niger</i>	Black pomfret	203	1	202	...	...	...
<i>Elagastis bipinnulata</i>	Rainbow runner	53	0	53	...	...	...
<i>Megalaspis cordyla</i>	Torpedo scad	16,867	4	16,863	...	...	...
<i>Scomberoides</i> spp.	Queenfish	116	24	92	4	...	...
<i>Rastrelliger kanagaruta</i>	Indian mackerel	35,628	12	35,616	6	...	...
<i>Rastrelliger</i> spp.	Indian mackerels nei	30,591	12	30,579	...	...	...
<i>Pampus argenteus</i>	Silver pomfret	29	0	29	236	...	...
<i>Pampus chinensis</i>	Chinese silver pomfret	2	1	1	338	...	...
<i>Pampus</i> spp.	Silver pomfrets nei	...	...	...	...	...	...
<i>Platycephalus indicus</i>	Bartail Flatfish	...	...	...	1	...	...
<i>Thachysurus leiotetocephalus</i>	-	...	...	...	...	...	...
<i>Lagocephalus sceleratus</i>	Silverside blaasop	...	...	...	...	...	...
<i>Aluterus monoceros</i>	Unicorn leatherjacket	4	0	4	...	...	...
<i>Ablennes hians</i>	Flat needlefish	41	0	41	8	...	...
<i>Lobotes surinamensis</i>	Atlantic tripletail	6	0	6	1	...	...
<i>Megalops cyprinoides</i>	Indo-Pacific tarpon	8	0	8	1	...	...
<i>Septipinna tenuifilis</i>	Common hairfin anchovy	...	...	...	...	...	...
<i>Coilia macrognathos</i>	Goldspotted grenader anchovy	16	0	16	5,051	...	...
<i>Sphyræna</i> spp.	Barracudas nei	399	5	394	36	...	...
<i>Carcharhinus</i> spp.	Sharks nei	33	0	33	25	...	...
<i>Dasyatis</i> spp.	Stingrays nei	39	0	39	111	...	...
-	Trash fish	18,486	531	17,955	15,368	...	...
-	Mixed fish	11,395	152	11,243	59	...	...
<i>Macrobrachium rosenbergii</i>	Giant river prawn	...	...	...	...	...	...
<i>Portunus pelagicus</i>	Blue swimming crab	...	...	...	62	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	...	...	...	...	...	...
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	...	...	...	...	...	...
<i>Thenus orientalis</i>	Flathead lobster	...	...	...	...	...	...
<i>Penaeus merguensis</i>	Banana prawn	...	...	...	469	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	...	...	...	26	...	...
<i>Penaeus indicus</i>	Indian white prawn	...	...	...	220	...	...

MT															
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
841	...	...	...	5	...	...	...	21	4	0	4	35	...	...	...
2,088	...	...	...	33	...	...	...	1,615	23	16	7	8	348	...	7
174	...	...	...	2	...	...	...	575	3	0	3	90	...	...	...
5,673	...	...	...	44	...	...	...	4,847	6	0	6	1,616	16	...	...
1,101	...	...	...	102	...	...	...	2,434	39	39	0	163	...	...	1
18,889	...	...	...	375	...	...	...	11,156	52	23	29	1,293	6	...	...
8,020	...	...	...	...	...	...	...	75,347	7	0	7	5	...	...	1
1,915	...	...	...	24	...	...	...	1,728	24	24	0	3	4	...	9
794	...	...	...	16	...	...	...	617	5	5	0	58	1	...	11
663	...	...	...	16	...	...	...	654	...	...	...	...	...	...	6
466	...	...	...	...	...	...	...	53	7	0	7	11	...	...	1
57	...	...	...	...	...	...	...	307	...	...	...	19	...	...	22
195	...	...	...	...	...	...	...	177	...	...	...	...	...	...	15
1,819	...	...	...	482	...	...	...	25	25	0	25	247	...	...	...
9	...	...	...	...	...	...	...	186	3	2	1	3	...	...	2
85	...	...	...	...	...	...	...	306	...	...	...	204	...	...	1
39	...	...	...	11	...	...	...	274	10	10	0	...	...	...	...
78	...	...	...	17	...	...	...	1,369	...	...	...	...	...	...	277
162	...	...	...	47	...	...	...	1,405	2	2	0	...	...	...	849
4,709	...	...	...	248	...	...	...	901	19	18	1	1,035	6	...	26
3,855	...	...	...	...	...	...	...	2,512	82	6	76	838	40	...	8
8,566	...	...	...	2	...	...	...	5,588	81	25	56	2,750	21	...	112
221,449	...	...	...	135	...	...	...	1,378	170	169	1	1	158	...	2,781
19,719	...	...	...	374	...	...	...	7,850	248	97	151	998	27	...	513
1	...	...	...	...	...	...	...	22	...	...	...	...	...	...	11
4,854	...	...	...	1	...	...	...	4,089	531	68	463	49	7	...	1,306
56	...	...	...	...	...	...	...	33	71	0	71	...	4	...	2,426
84	...	...	...	...	...	...	...	115	80	0	80	...	...	...	63
471	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...
1,906	...	...	...	...	...	...	...	7,144	8	8	0	2	129	...	194
1,081	...	...	...	...	...	...	...	128	2	2	0	...	...	...	2
3,231	...	...	...	...	...	...	...	7,427	23	20	3	...	94	...	91

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.2 Malaysia (Cont'd)

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Penaeus latisulcatus</i>	Western king prawn	...	...	...	...	...	...
<i>Metapenaeus affinis</i>	Jinga shrimp	...	...	...	...	...	...
<i>Metapenaeus brevicornis</i>	Yellow shrimp	...	...	...	21	...	...
<i>Metapenaeus ensis</i>	Greasyback shrimp	...	...	...	...	...	...
<i>Metapenaeus lysianassa</i>	Bird shrimp	...	...	...	760	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	...	...	...	1,586	...	...
<i>Parapenaeopsis coromandelica</i>	Coromandel shrimp	...	...	...	...	...	...
<i>Parapenaeopsis hardwickii</i>	Spear shrimp	...	...	...	...	...	...
<i>Parapenaeopsis sculptilis</i>	Rainbow shrimp	...	...	...	184	...	...
<i>Metapenaeopsis stridulans</i>	Fiddler shrimp	...	...	...	680	...	...
<i>Acetes</i> spp.	Paste shrimp	...	...	...	...	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	...	...	...	...	...	...
<i>Perna viridis</i>	Green mussel	...	...	...	...	...	...
<i>Paphia undulata</i>	Undulata venus	...	...	...	...	...	...
<i>Sepia</i> spp.	Cuttlefish nei	359	0	359	190	...	...
<i>Loligo</i> spp.	Common squids nei	5,511	...	5,511	113	...	...
<i>Octopus</i> spp.	Octopuses nei	...	...	...	...	...	...
<i>Squilla mantis</i>	-	...	...	...	188	...	...
-	Sea cucumbers nei	...	...	...	...	...	...
<i>Circe scripta</i>	Script venus	...	...	...	...	...	...
<i>Orbicularia orbiculata</i>	Short-necked clam	...	...	...	...	...	...
Bivalves/Gastropods	Other clams	...	...	...	...	...	...
<i>Rhopilema</i> spp.	Jellyfish	...	...	...	...	...	...



															MT
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
2,184	...	...	...	804	...	...	...	151	1	1	0	...	...	...	772
555	...	...	...	...	...	...	...	31	...	...	...	...	...	...	...
1,837	...	...	...	...	...	...	...	818	45	45	0	...	267	...	154
351	...	...	...	...	...	...	...	486	...	...	...	...	...	...	...
7,331	...	...	...	...	...	...	...	7,016	25	25	0	5	5	...	1,419
3,277	...	...	...	...	...	...	...	1,337	...	...	...	...	498	...	161
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
1,932	...	...	...	...	...	...	...	111	...	...	...	...	27	...	79
1,299	...	...	...	447	...	...	...	591	...	...	...	...	103	...	207
2,705	...	...	...	...	...	...	...	244	...	...	...	...	115	...	145
17,412	...	...	...	30	...	...	...	403	160	160	0	...	164	...	2,003
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,098
22,533	...	...	...	117	...	...	...	442	285	24	261	351	83	...	173
53,809	...	...	...	759	...	...	...	514	48	27	21	1,550	9	...	92
1,885	...	...	...	...	...	...	...	...	1	0	1	16	...	...	16
3,120	...	...	...	...	...	...	...	379	...	...	...	...	49	...	54
40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	137
40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	415
787	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,853
1	...	...	...	467	...	...	...	24	...	...	...	...	...	...	4,657

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.3 Singapore

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Lates calcarifer</i>	Barramundi(=Giant seaperch)	...	...	...	...	...	...
<i>Arius</i> spp.	Sea catfishes nei	...	...	...	...	...	...
<i>Valamugil</i> spp.	Mulletts	...	...	...	...	...	...
<i>Pterocaesio</i> spp.	Fusiliers	...	...	...	...	...	...
<i>Epinephelus</i> spp.	Groupers nei	...	...	...	...	...	...
<i>Sillago</i> spp.	Sillago-whitings	...	...	...	...	...	...
<i>Mene maculata</i>	Moonfish	...	...	...	...	...	...
<i>Pennahia</i> spp.	Croakers	...	...	...	...	...	...
<i>Lutjanus</i> spp.	Snappers nei	...	...	...	...	...	...
<i>Pristipomoides</i> spp.	Jobfishes nei	...	...	...	...	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	...	...	...	...	...	...
<i>Leiognathus</i> spp.	Ponyfishes(=Slipmouths)	...	...	...	...	...	...
<i>Pomydasys</i> spp.	Grunts nei	...	...	...	...	...	...
<i>Upeneus</i> spp.	Goatfishes nei	...	...	...	...	...	...
<i>Polynemus</i> spp.	Threadfins nei	...	...	...	...	...	...
<i>Siganus</i> spp.	Spinefeet(=Rabbitfishes) nei	...	...	...	...	...	...
<i>Trichiurus lepturus</i>	Largehead hairtail	...	...	...	...	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	...	...	...	...	...	...
<i>Katsuwonus pelamis</i>	Skipjack tuna	...	...	...	...	...	...
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	...	...	...	...	...	...
<i>Decapterus</i> spp.	Scads nei	...	...	...	...	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	...	...	...	...	...	...
<i>Parastromateus niger</i>	Black pomfret	...	...	...	...	...	...
<i>Scomberoides</i> spp.	Queenfishes nei	...	...	...	...	...	...
<i>Rastrelliger</i> spp.	Indian mackerels nei	...	...	...	...	...	...
<i>Sphyræna</i> spp.	Barracudas nei	...	...	...	...	...	...
<i>Carcharhinus amblyrhynchos</i>	Grey reef shark	...	...	...	...	...	...
<i>Dasyatis</i> spp.	Stingrays nei	...	...	...	...	...	...
Osteichthyes	Marine fishes nei	...	...	...	...	...	...
<i>Portunus pelagicus</i>	Blue swimming crab	...	...	...	...	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	...	...	...	...	...	...



**3.4 Capture Production by Type of Fishing Gear and by Species, 2014**  
**3.4.3 Singapore (Cont'd)**

Scientific Name	FAO English Name	Purse Seine			Seine Net		
		All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	...	...	...	...	...	...
Scyllaridae	Slipper Lobster nei	...	...	...	...	...	...
<i>Penaeus</i> spp.	Penaeus shrimps nei	...	...	...	...	...	...
<i>Sepia</i> spp.	Cuttlefishes nei	...	...	...	...	...	...
<i>Loligo</i> spp.	Common squids nei	...	...	...	...	...	...



### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.4 Thailand

Scientific Name	FAO English Name	SEAFDEC Sub-areas	Purse Seine			Seine Net		
			All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Lates calcarifer</i>	Barramudi (=Giant seaperch)	57b	...	...	...	...	...	...
<i>Lates calcarifer</i>	Barramudi (=Giant seaperch)	71a	...	...	...	...	...	...
Pleuronectiformes	Flatfishes nei	57b	6	0	6	...	...	...
Pleuronectiformes	Flatfishes nei	71a	...	...	...	...	...	...
<i>Psettodes erumei</i>	Indian halibut	57b	...	...	...	...	...	...
<i>Psettodes erumei</i>	Indian halibut	71a	...	...	...	...	...	...
<i>Saurida</i> spp.	Lizard fishes	57b	126	0	126	...	...	...
<i>Saurida</i> spp.	Lizard fishes	71a	647	0	647	...	...	...
<i>Arius</i> spp.	Sea catfishes nei	57b	...	...	...	...	...	...
<i>Arius</i> spp.	Sea catfishes nei	71a	...	...	...	...	...	...
<i>Plotosus</i> spp.	Eeltail catfishes	57b	...	...	...	...	...	...
<i>Plotosus</i> spp.	Eeltail catfishes	71a	...	...	...	...	...	...
<i>Lisa</i> spp.	Mulletts nei	57b	...	...	...	...	...	...
<i>Lisa</i> spp.	Mulletts nei	71a	...	...	...	...	...	...
<i>Priacanthus</i> spp.	Bigeyes nei	57b	433	0	433	...	...	...
<i>Priacanthus</i> spp.	Bigeyes nei	71a	689	0	689	...	...	...
<i>Sillago</i> spp.	Sillago-whitings	57b	2	0	2	...	...	...
<i>Sillago</i> spp.	Sillago-whitings	71a	...	...	...	...	...	...
Sciaenidae	Croakers, drums nei	57b	1	0	1	...	...	...
Sciaenidae	Croakers, drums nei	71a	4	0	4	...	...	...
<i>Lutjanus</i> spp.	Snappers nei	57b	264	0	264	...	...	...
<i>Lutjanus</i> spp.	Snappers nei	71a	...	...	...	...	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	57b	72	0	72	...	...	...
<i>Nemipterus</i> spp.	Threadfin breams nei	71a	...	...	...	...	...	...
<i>Scolopsis</i> spp.	Monocole breams	57b	...	...	...	...	...	...
<i>Scolopsis</i> spp.	Monocole breams	71a	...	...	...	...	...	...
<i>Polynemus</i> spp.	Threadfins nei	57b	36	0	36	...	...	...
<i>Polynemus</i> spp.	Threadfins nei	71a	...	...	...	...	...	...
<i>Trichiurus</i> spp.	Hairtails nei	57b	89	0	89	...	...	...
<i>Trichiurus</i> spp.	Hairtails nei	71a	78	0	78	...	...	...
<i>Sardinella</i> spp.	Sardinellas nei	57b	9,310	360	8,950	...	...	...
<i>Sardinella</i> spp.	Sardinellas nei	71a	56,050	4,701	51,349	...	...	...

MT															
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
...	...	...	...	...	...	...	...	35	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	117	10	0	10	46	...	...	...
528	0	519	9	...	...	...	...	...	...	...	...	...	...	...	...
4,234	...	4,195	39	...	...	...	...	9	...	...	...	...	335	...	...
126	0	111	15	...	...	...	...	...	...	...	...	...	...	...	...
1,591	0	1,100	491	...	...	...	...	...	...	...	...	...	100	...	...
12,510	0	11,728	782	...	...	...	...	...	...	...	...	...	...	...	...
27,695	0	24,655	3,040	...	...	...	...	...	...	...	...	...	...	...	...
330	0	240	90	...	...	...	...	50	...	...	...	7	...	...	...
2,913	...	2,551	362	...	...	...	...	302	...	...	...	17	...	...	...
144	0	90	54	...	...	...	...	7	15	0	15	28	...	...	...
270	0	251	19	...	...	...	...	12	2	1	1	132	...	...	...
20	0	9	11	...	...	...	...	1,223	...	...	...	...	...	...	...
27	0	26	1	4	...	...	...	2,351	5	5	0	10	...	...	1
9,481	0	9,167	314	...	...	...	...	...	...	...	...	...	...	...	...
21,085	0	16,134	4,951	...	...	...	...	33	...	...	...	...	283	...	...
358	0	330	28	...	...	...	...	618	...	...	...	2	...	...	...
1,257	0	1,247	10	...	...	...	...	244	15	2	13	...	67	...	...
716	0	286	430	...	...	...	...	6	...	...	...	...	...	...	...
9,143	0	6,725	2,418	...	...	...	...	469	106	106	0	1	1,359	...	...
557	...	527	30	...	...	...	...	326	13	0	13	367	...	...	...
2,923	...	2,376	547	...	...	...	...	178	4	1	3	126	...	...	2
16,253	2	15,354	897	...	...	...	...	13	...	...	...	...	...	...	...
36,457	549	28,896	7,012	...	...	...	...	1,622	80	4	76	87	694	...	...
830	22	559	249	...	...	...	...	...	...	...	...	...	...	...	...
7,276	1,437	5,632	207	...	...	...	...	...	...	...	...	...	...	...	...
29	0	2	27	...	...	...	...	12	...	...	...	...	...	...	...
11	0	9	2	...	...	...	...	665	3	0	3	23	...	...	...
417	0	317	100	...	...	...	...	55	...	...	...	...	...	...	...
5,542	0	3,178	2,364	...	...	...	...	11	4	4	0	...	1	...	...
326	0	93	233	...	...	...	...	3,150	...	...	...	...	...	...	...
579	0	364	215	...	672	672	0	5,185	53	53	0	34	...	...	...

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.4 Thailand (Cont'd)

Scientific Name	FAO English Name	SEAFDEC Sub-areas	Purse Seine			Seine Net		
			All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Stolephorus</i> spp.	Stolephorus anchovies	57b	27,431	27,088	343	...	...	...
<i>Stolephorus</i> spp.	Stolephorus anchovies	71a	87,000	85,893	1,017	...	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	57b	152	0	152	...	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	71a	745	0	745	...	...	...
<i>Euthynnus affinis</i>	Kawakawa	57b	5,763	0	5,763	...	...	...
<i>Euthynnus affinis</i>	Kawakawa	71a	16,639	0	16,639	...	...	...
<i>Thunnus tonggol</i>	Longtail tuna	57b	4,054	0	4,054	...	...	...
<i>Thunnus tonggol</i>	Longtail tuna	71a	11,126	0	11,126	...	...	...
<i>Thunnus alalunga</i>	Albacore	57b	...	...	...	...	...	...
<i>Thunnus albacares</i>	Yellowfin tuna	57b	...	...	...	...	...	...
<i>Thunnus obesus</i>	Bigeye tuna	57b	...	...	...	...	...	...
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	57b	794	0	794	...	...	...
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	71a	1,250	51	1,199	...	...	...
<i>Decapterus</i> spp.	Scads nei	57b	13,656	83	13,573	...	...	...
<i>Decapterus</i> spp.	Scads nei	71a	21,880	0	21,880	...	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	57b	9,797	0	9,797	...	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	71a	20,662	0	20,662	...	...	...
<i>Selar crumenophthalmus</i>	Bigeye scad	57b	3,844	0	3,844	...	...	...
<i>Selar crumenophthalmus</i>	Bigeye scad	71a	13,708	0	13,708	...	...	...
<i>Parastromateus niger</i>	Black pomfret	57b	29	0	29	...	...	...
<i>Parastromateus niger</i>	Black pomfret	71a	173	0	173	...	...	...
<i>Megalaspis cordyla</i>	Torpedo scad	57b	7,123	0	7,123	...	...	...
<i>Megalaspis cordyla</i>	Torpedo scad	71a	5,881	0	5,881	...	...	...
<i>Scomberoides</i> spp.	Queenfishes nei	57b	6	0	6	...	...	...
<i>Scomberoides</i> spp.	Queenfishes nei	71a	45	0	45	...	...	...
<i>Rastrelliger kanagurta</i>	Indian mackerel	57b	17,643	8	17,555	...	...	...
<i>Rastrelliger kanagurta</i>	Indian mackerel	71a	25,040	0	25,040	...	...	...
<i>Rastrelliger</i> spp.	Indian mackerels nei	57b	7,932	82	7,850	...	...	...
<i>Rastrelliger</i> spp.	Indian mackerels nei	71a	89,352	322	89,030	...	...	...
<i>Pampus</i> spp.	Silver pomfrets nei	57b	...	...	...	...	...	...
<i>Pampus</i> spp.	Silver pomfrets nei	71a	...	...	...	...	...	...
<i>Sphyaena</i> spp.	Barracudas nei	57b	2,633	0	2,633	...	...	...
<i>Sphyaena</i> spp.	Barracudas nei	71a	1,380	0	1,380	...	...	...



MT															
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
513	0	257	256	...	1,882	1,882	0	...	...	...	...	...	...	...	...
14	0	6	8	...	10,818	10,818	...	...	33	33	0	...	...	...	...
554	0	367	187	...	...	...	...	25	...	...	...	...	...	...	...
1,796	0	753	1,043	...	...	...	...	...	2	2	0	...	...	...	...
...	...	...	...	...	...	...	...	41	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	2,376	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	1,920	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	124	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	271	...	...	...
344	0	128	216	...	...	...	...	81	...	...	...	...	...	...	...
2,297	0	1,384	913	...	...	...	...	2,121	15	15	0	634	...	...	...
238	0	62	176	...	...	...	...	201	...	...	...	...	...	...	...
192	0	46	146	...	...	...	...	101	...	...	...	...	...	...	...
2,581	0	2,160	421	...	...	...	...	323	...	...	...	46	...	...	...
8,963	0	3,438	5,525	...	...	...	...	1,343	56	54	2	20	10	...	...
414	0	348	66	...	...	...	...	88	...	...	...	...	...	...	...
1,339	0	681	658	...	...	...	...	...	...	...	...	...	...	...	...
61	0	37	24	...	...	...	...	1	...	...	...	...	...	...	...
1,401	0	723	678	...	...	...	...	84	...	...	...	...	...	...	...
294	0	243	51	...	6	0	6	191	2	0	2	6	...	...	...
163	0	125	38	...	...	...	...	54	15	15	0	37	...	...	...
95	0	82	13	...	...	...	...	...	...	...	...	...	...	...	...
1,955	0	1,504	451	...	...	...	...	...	...	...	...	...	...	...	...
1,126	0	879	247	...	...	...	...	207	...	...	...	...	...	...	...
4,421	0	2,782	1,639	...	...	...	...	1,281	12	12	0	5	31	...	...
619	0	141	478	...	...	...	...	7,955	...	...	...	...	...	...	...
17,656	0	13,976	3,680	...	342	221	121	21,300	150	148	2	3	32	...	...
58	0	16	42	...	...	...	...	12	...	...	...	...	...	...	...
385	0	162	223	...	...	...	...	...	1	1	0	...	...	...	...
1,553	0	1,131	422	...	...	...	...	105	...	...	...	11	...	...	...
10,620	0	4,769	5,851	...	...	...	...	13	...	...	...	82	18	...	...

### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.4 Thailand (Cont'd)

Scientific Name	FAO English Name	SEAFDEC Sub-areas	Purse Seine			Seine Net		
			All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Dasyatis</i> spp.	Stingrays nei	57b	5	0	5	...	...	...
<i>Dasyatis</i> spp.	Stingrays nei	71a	40	0	40	...	...	...
Elasmobranchii	Sharks, rays, skates, etc. nei	57b	...	...	...	...	...	...
Elasmobranchii	Sharks, rays, skates, etc. nei	71a	...	...	...	...	...	...
Congridae	Conger eels, etc. nei	57b	...	...	...	...	...	...
Congridae	Conger eels, etc. nei	71a	...	...	...	...	...	...
<i>Epinephelus</i> spp.	Groupers nei	57b	...	...	...	...	...	...
<i>Epinephelus</i> spp.	Groupers nei	71a	...	...	...	...	...	...
Osteichthyes	Marine fishes nei	57b	22,521	167	22,354	...	...	...
Osteichthyes	Marine fishes nei	71a	17,863	6	17,857	...	...	...
-	Trash fish	57b	6,592	815	5,777	...	...	...
-	Trash fish	71a	26,678	35	26,643	...	...	...
<i>Portunus</i> spp.	Blue swimming crab	57b	...	...	...	...	...	...
<i>Portunus</i> spp.	Blue swimming crab	71a	247	0	247	...	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	57b	...	...	...	...	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	71a	...	...	...	...	...	...
<i>Thenus orientalis</i>	Flathead lobster	57b	...	...	...	...	...	...
<i>Thenus orientalis</i>	Flathead lobster	71a	...	...	...	...	...	...
<i>Penaeus merguensis</i>	Banana prawn	57b	30	0	30	...	...	...
<i>Penaeus merguensis</i>	Banana prawn	71a	...	...	...	...	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	57b	...	...	...	...	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	71a	...	...	...	...	...	...
<i>Penaeus</i> spp.	Penaeus shrimp nei	57b	98	0	98	...	...	...
<i>Penaeus</i> spp.	Penaeus shrimp nei	71a	92	0	92	...	...	...
-	Mantis shrimp	57b	...	...	...	...	...	...
-	Mantis shrimp	71a	28	0	28	...	...	...
Sergestidae	Sergestid shrimps nei	57b	...	...	...	...	...	...
Sergestidae	Sergestid shrimps nei	71a	...	...	...	...	...	...
Brachyura	Marine crabs nei	57b	...	...	...	...	...	...
Brachyura	Marine crabs nei	71a	35	0	35	...	...	...
<i>Anadara granosa</i>	Blood cockle	71a	...	...	...	...	...	...
<i>Paphia</i> spp.	Short neck clams nei	57b	...	...	...	...	...	...
<i>Paphia</i> spp.	Short neck clams nei	71a	...	...	...	...	...	...



### 3.4 Capture Production by Type of Fishing Gear and by Species, 2014

#### 3.4.4 Thailand (Cont'd)

Scientific Name	FAO English Name	SEAFDEC Sub-areas	Purse Seine			Seine Net		
			All purse seines	Anchovy purse seine	Fish purse seine	All seine nets	Boat seine	Beach seine
<i>Sepia</i> spp.	Cuttlefishes nei	57b	58	0	58	...	...	...
<i>Sepia</i> spp.	Cuttlefishes nei	71a	157	0	157	...	...	...
<i>Loligo</i> spp.	Common squids nei	57b	4,860	463	4,397	...	...	...
<i>Loligo</i> spp.	Common squids nei	71a	6,145	497	5,648	...	...	...
<i>Octopus</i> spp.	Octopuses nei	57b	12	0	12	...	...	...
<i>Octopus</i> spp.	Octopuses nei	71a	94	0	94	...	...	...
Loliginidae	Various squids nei	57b	179	0	179	...	...	...
Loliginidae	Various squids nei	71a	176	0	176	...	...	...
Pectinidae	Scallops nei	57b	...	...	...	...	...	...
Pectinidae	Scallops nei	71a	...	...	...	...	...	...
Mollusca	Marine molluscs nei	57b	...	...	...	...	...	...
Mollusca	Marine molluscs nei	71a	...	...	...	...	...	...
<i>Rhopilema</i> spp.	Jellyfishes nei	57b	...	...	...	...	...	...
<i>Rhopilema</i> spp.	Jellyfishes nei	71a	...	...	...	...	...	...
Invertebrata	Aquatic invertebrates nei	57b	...	...	...	...	...	...
Invertebrata	Aquatic invertebrates nei	71a	...	...	...	...	...	...

															MT
Trawl				Lift Net	Falling Net			Gill Net	Trap			Hook and Lines	Push/Scoop Nets	Shell fish and seaweed collecting gears	Others
All trawls	Beam trawl	Otter board trawl	Pair trawl		All falling nets	Anchovy falling net	Squid falling net		All traps	Stationary trap	Portable trap				
3,178	23	2,435	720	...	...	...	...	120	133	0	133	...	...	...	...
16,285	55	14,481	1,749	...	122	0	122	3	122	56	66	2	803	...	...
6,804	123	4,126	2,555	...	63	0	63	96	168	0	168	...	...	...	...
29,342	114	21,132	8,096	...	19,219	232	18,987	32	63	55	8	161	734	...	...
1,361	14	1,183	164	...	...	...	...	35	5	0	5	...	...	...	...
5,599	7	4,923	669	...	12	0	12	...	1,639	0	1,639	1	246	...	...
317	0	196	121	...	5	0	5	37	254	0	254	...	...	...	...
1,419	0	519	900	...	237	0	237	3	446	0	446	163	4	...	...
39	0	29	10	...	...	...	...	...	...	...	...	...	...	...	...
718	0	458	260	...	...	...	...	...	...	...	...	...	...	...	...
140	0	128	12	...	...	...	...	2	...	...	...	...	...	...	...
220	0	220	0	...	...	...	...	5	15	0	15	...	...	...	4,191
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	57,200
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7,692
88	0	88	0	...	...	...	...	...	...	...	...	...	...	...	199
10	0	10	0	...	...	...	...	...	1	1	0	...	...	...	...

## 4. INLAND CAPTURE FISHERY STATISTICS

## 4.1 Inland Capture Fishery Production by Species and by Fishing Area, 2014

## 4.1.1 In Quantity

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Cyprinus carpio</i>	Common carp	04	...	...
<i>Ctenopharyngodon edellus</i>	Grass carp	04	...	...
<i>Osteochilus hasselti</i>	Nilem carp	04	...	...
<i>Leptobarbus hoeveni</i>	Hoven's carp	04	...	...
<i>Labiobarbus festivus</i>	Signal carp	04	...	...
Cyprinidae	Cyprinids nei	04	...	...
<i>Hampala macrolepidota</i>	Hampala barb	04	...	...
<i>Barbichthys laevis</i>	Sucker barb	04	...	...
<i>Puntius binotatus</i>	Spotted barb	04	...	...
<i>Barbonymus schwanefeldii</i>	Tinfoil barb	04	...	...
<i>Barbonymus gonionotus</i>	Silver barb	04	...	...
<i>Barbodes balleroides</i>	-	04	...	...
<i>Cyclocheilichthys apogon</i>	Beardless barb	04	...	...
<i>Tor soro</i>	Soro brook carp	04	...	...
<i>Tor douronensis</i>	River carp	04	...	...
<i>Macrochirichthys macrochirus</i>	Long pectoral-fin minnow	04	...	...
<i>Oreochromis mossambicus</i>	Mozambique tilapia	04	...	...
<i>Oreochromis niloticus</i>	Nile tilapia	04	...	...
<i>Oreochromis (=Tilapia) spp.</i>	Tilapias nei	04	...	...
<i>Chitala lopis</i>	Giant featherback	04	...	...
<i>Kryptopterus spp.</i>	Glass catfish	04	...	...
<i>Ompok bimaculatus</i>	Butter catfish	04	...	...
<i>Mystus nemurus</i>	Asian redbtail catfish	04	...	...
<i>Clarias spp.</i>	Torpedo-shaped catfishes nei	04	...	...
<i>Pangasius djambal</i>	Catfishes	04	...	...
<i>Pangasius spp.</i>	Pangas catfishes nei	04	...	...
<i>Anguilla spp.</i>	River eels nei	04	...	...
<i>Monopterus albus</i>	Asian swamp eel	04	...	...
<i>Anabas testudineus</i>	Climbing perch	04	...	...
<i>Osphronemus goramy</i>	Giant gourami	04	...	...
<i>Trichogaster pectoralis</i>	Snakeskin gourami	04	...	...
<i>Trichogaster trichopterus</i>	Three spot gourami	04	...	...



#### 4.1 Inland Capture Fishery Production by Species and by Fishing Area, 2014

##### 4.1.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Helostoma temminckii</i>	Kissing gourami	04	...	...
<i>Channa striata</i>	Striped snakehead	04	...	...
<i>Channa micropeltes</i>	Indonesian snakehead	04	...	...
<i>Chromobotia macracanthus</i>	Clown loach	04	...	...
<i>Rasbora argyrotaenio</i>	Silver rasbora	04	...	...
<i>Rasbora tawerensis</i>	-	04	...	...
<i>Puntioplites waandersi</i>	-	04	...	...
<i>Pristolepis fascista</i>	Malayan leafaffish	04	...	...
<i>Toxotes microlepis</i>	Smallscale archerfish	04	...	...
<i>Thynnichthys vailanti</i>	-	04	...	...
<i>Scleropages formosus</i>	Asian bonytongue	04	...	...
<i>Mystacoleucus padangensis</i>	-	04	...	...
<i>Mystacoleucus marginatus</i>	-	04	...	...
<i>Mystus nigriceps</i>	Mystus wyckii	04	...	...
Gobiidae	Freshwater gobies nei	04	...	...
Osteichthyes	Freshwater fishes nei	04	...	505,005
<i>Chanos chanos</i>	Milkfish	04	...	...
<i>Scatophagus</i> spp.	Scats	04	...	...
Eleotridae	Gudgeons, sleepers nei	04	...	...
Ariidae	Sea catfishes nei	04	...	...
Mugiidae	Mulletts nei	04	...	...
Mollusca	Freshwater molluscs nei	04	...	...
Mollusca	Marine mollusks nei	04	...	...
<i>Macrobrachium rosenbergii</i>	Giant river prawn	04	...	...
<i>Portunus pelagicus</i>	Blue swimming crab	04	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	04	...	...
Palaemonidae	Freshwater prawns nei	04	...	...
Crustacea	Freshwater crustaceans nei	04	...	...
Bivalvia	Clams, etc, nei	04	...	...
<i>Rana</i> spp.	Frogs	04	...	...
Testudinata	River and lake turtles nei	04	...	...
Invertebrate	Aquatic invertebrates nei	04	...	...



							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam <sup>A</sup>
11,682	...	...	...	...	...	...	...
39,030	...	...	...	11,199	...	14,700	...
10,585	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...
2,140	...	...	...	...	...	...	...
564	...	...	...	...	...	...	...
2,667	...	...	...	...	...	...	...
826	...	...	...	...	...	...	...
972	...	...	...	...	...	...	...
2,162	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...
10,842	...	...	...	...	...	...	...
728	...	...	...	...	...	...	...
8,867	...	...	...	...	...	...	...
...	...	...	...	5,676	...	...	...
96,987	60,237	5,611	1,381,030	9,217	...	101,400	208,100
...	...	...	...	11,746	...	...	...
...	...	...	...	201	...	...	...
3,098	...	...	...	...	...	...	...
...	...	...	...	1,847	...	...	...
...	...	...	...	928	...	...	...
997	...	...	...	59,428	...	...	...
322	...	...	...	...	...	...	...
12,421	...	...	...	1,673	...	...	...
...	...	...	...	317	...	...	...
...	...	...	...	1,046	...	...	...
6,343	...	...	...	...	...	1,200	...
601	...	...	...	...	...	300	...
569	...	...	...	...	...	...	...
1,758	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...
1,430	...	...	...	...	...	...	...

Note: A Figures from Statistical Handbook of Viet Nam 2014

## 4.1 Inland Fishery Production by Species and by Fishing Area, 2014

## 4.1.2 In Value

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Cyprinus carpio</i>	Common carp	04	...	...
<i>Ctenopharyngodon edellus</i>	Grass carp	04	...	...
<i>Osteochilus hasseltii</i>	Nilem carp	04	...	...
<i>Leptobarbus hoeveni</i>	Hoven's carp	04	...	...
<i>Labiobarbus festivus</i>	Signal carp	04	...	...
Cyprinidae	Cyprinids nei	04	...	...
<i>Hampala macrolepidota</i>	Hampala barb	04	...	...
<i>Barbonymus schwanenfeldii</i>	Tinfoil barb	04	...	...
<i>Barbonymus gonionotus</i>	Silver barb	04	...	...
<i>Macrochirichthys macrochirus</i>	-	04	...	...
<i>Oreochromis mossambicus</i>	Mozambique tilapia	04	...	...
<i>Oreochromis niloticus</i>	Nile tilapia	04	...	...
<i>Oreochromis (=Tilapia) spp.</i>	Tilapias nei	04	...	...
<i>Chitala lopis</i>	Giant featherback	04	...	...
<i>Kryptopterus spp.</i>	Glass catfish	04	...	...
<i>Ompok bimaculatus</i>	Butter catfish	04	...	...
<i>Mystus nemurus</i>	Asian redbtail catfish	04	...	...
<i>Clarias spp.</i>	Torpedo-shaped catfishes nei	04	...	...
<i>Pangasius djambal</i>	Catfishes	04	...	...
<i>Pangasius spp.</i>	Pangas catfishes nei	04	...	...
<i>Anguilla spp.</i>	River eels nei	04	...	...
<i>Monopterus albus</i>	Lai	04	...	...
<i>Anabas testudineus</i>	Climbing perch	04	...	...
<i>Osphronemus goramy</i>	Giant gourami	04	...	...
<i>Trichogaster pectoralis</i>	Snakeskin gourami	04	...	...
<i>Trichogaster trichopterus</i>	Three spot gourami	04	...	...
<i>Helostoma temminckii</i>	Kissing gourami	04	...	...
<i>Channa striata</i>	Striped snakehead	04	...	...
<i>Channa micropeltes</i>	Indonesian snakehead	04	...	...
<i>Mastacembelus erythrotaenia</i>	Fire eel	04	...	...
<i>Pristolepis fasciata</i>	Malayan leaffish	04	...	...
<i>Barbodes balleroides</i>	-	04	...	...
<i>Barbichthys laevis</i>	Sucker barb	04	...	...
<i>Labiobarbus festivus</i>	Signal barb	04	...	...

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
20,153	...	...	...	...	...	6,914	...
60	...	...	...	...	...	...	...
7,764	...	...	...	...	...	...	...
11,374	...	...	...	...	...	...	...
14,185	...	...	...	...	...	...	...
...	...	...	...	31,398	...	...	...
1,597	...	...	...	...	...	...	...
1,716	...	...	...	...	...	...	...
14,210	...	...	...	...	...	36,667	...
34	...	...	...	...	...	...	...
18,077	...	...	...	...	...	...	...
41,185	...	...	...	...	...	45,822	...
...	...	...	...	68,663	...	...	...
14,849	...	...	...	...	...	...	...
32,543	...	...	...	...	...	...	...
9,091	...	...	...	...	...	...	...
61,187	...	...	...	...	...	...	...
21,077	...	...	...	11,312	...	19,419	...
36,196	...	...	...	...	...	...	...
...	...	...	...	...	...	7,379	...
5,644	...	...	...	5,908	...	...	...
...	...	...	...	...	...	3,546	...
28,786	...	...	...	3,509	...	20,896	...
6,688	...	...	...	...	...	...	...
22,830	...	...	...	5,963	...	5,898	...
9,888	...	...	...	...	...	...	...
14,434	...	...	...	...	...	...	...
74,146	...	...	...	21,478	...	39,496	...
19,987	...	...	...	...	...	...	...
303	...	...	...	...	...	...	...
65	...	...	...	...	...	...	...
13,476	...	...	...	...	...	...	...
38	...	...	...	...	...	...	...
14,185	...	...	...	...	...	...	...

**4.1 Inland Capture Fishery Production by Species and by Fishing Area, 2014**  
**4.1.2 In Value (Cont'd)**

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Puntius bionotatus</i>	Spotted barb	04	...	...
<i>Botia macracanthus</i>	Clown loach	04	...	...
<i>Rasbora argyrotaenio</i>	Silver rasbora	04	...	...
<i>Puntioplites waandersi</i>	-	04	...	...
<i>Cyclochelichthys apogon</i>	Beardless barb	04	...	...
<i>Tor soro</i>	-	04	...	...
<i>Tor douronensis</i>	River carp	04	...	...
<i>Toxotes microlepis</i>	Smallscale archerfish	04	...	...
<i>Thynnichthys vailanti</i>	-	04	...	...
<i>Scleropages formosus</i>	Asian bonytongue	04	...	...
<i>Mystacoleucus marginatus</i>	-	04	...	...
<i>Mystacoleucus padangensis</i>	-	04	...	...
<i>Mystus nigriceps</i>	-	04	...	...
Osteichthyes	Freshwater fishes nei	04	...	...
<i>Chanos chanos</i>	Milkfish	04	...	...
<i>Scatophagus</i> spp.	Scats	04	...	...
Ariidae	Sea catfishes nei	04	...	...
Mugiidae	Mulletts nei	04	...	...
Gobiidae	Freshwater gobies nei	04	...	...
Natantia	Natantian decapods nei	04	...	...
Mollusca	Freshwater mollusks nei	04	...	...
Mollusca	Marine mollusks nei	04	...	...
Eleotridae	Gudgeons, sleepers nei	04	...	...
<i>Macrobrachium rosenbergii</i>	Giant river prawn	04	...	...
<i>Portunus pelagicus</i>	Blue swimming crab	04	...	...
<i>Scylla serrata</i>	Indo-pacific swam crab	04	...	...
<i>Etapenaeus endeavouri</i>	Endeavour shrimp	04	...	...
Palaemonidae	Freshwater prawns nei	04	...	...
Crustacea	Freshwater crustaceans nei	04	...	...
Bivalvia	Clams, etc, nei	04	...	...
<i>Rana</i> spp.	Frogs	04	...	...
Testudinata	River and lake turtles nei	04	...	...
<i>Invertebrate</i>	Aquatic invertebrates nei	04	...	...

US\$ 1,000							
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
140	...	...	...	...	...	...	...
33	...	...	...	...	...	...	...
3,414	...	...	...	...	...	...	...
2,341	...	...	...	...	...	...	...
51	...	...	...	...	...	...	...
791	...	...	...	...	...	...	...
2,293	...	...	...	...	...	...	...
911	...	...	...	...	...	...	...
1,174	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...
1,809	...	...	...	...	...	...	...
3,977	...	...	...	...	...	...	...
11,408	...	...	...	...	...	...	...
90,747	313,232	18,348	2,071,545	11,072	...	148,538	...
...	...	...	...	14,351	...	...	...
...	...	...	...	593	...	...	...
...	...	...	...	1,229	...	...	...
...	...	...	...	1,977	...	...	...
...	...	...	...	8,782	...	...	...
13,822	...	...	...	11,663	...	...	...
321	...	...	...	8,773	...	...	...
1,021	...	...	...	...	...	...	...
9,402	...	...	...	...	...	...	...
51,827	...	...	...	5,013	...	...	...
...	...	...	...	938	...	...	...
...	...	...	...	4,714	...	...	...
...	...	...	...	3,144	...	...	...
16,305	...	1,093	...	...	...	12,286	...
1,295	...	...	...	...	...	699	...
456	...	...	...	...	...	...	...
3,027	...	...	...	...	...	...	...
53	...	...	...	...	...	...	...
1,614	...	...	...	...	...	...	...

## 4.2 Inland Fishery Production by Type of Water Bodies

### 4.2.1 In Quantity

MT

Water Bodies	Brunei Darussalam	Cambodia	Indonesia	Lao PDR
<b>Total</b>	...	<b>505,005</b>	<b>446,509</b>	<b>60,237</b>
Lakes	...	...	54,183	...
Rivers	...	...	308,926	...
Floodplain/rice fields	...	...	50,009	...
Reservoirs	...	...	20,550	...
Others	...	...	12,841	...

### 4.2.2 In Value

US\$ 1,000

Water Bodies	Brunei Darussalam	Cambodia	Indonesia	Lao PDR
<b>Total</b>	...	...	<b>721,042</b>	<b>313,232</b>
Lakes	...	...	82,361	...
Rivers	...	...	493,026	...
Floodplain/rice fields	...	...	83,380	...
Reservoirs	...	...	26,214	...
Others	...	...	36,061	...

MT

Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
5,611	1,381,030	211,941	...	209,800	208,100
621	...	...	...	...	...
3,460	...	...	...	...	...
426	...	...	...	...	...
550	...	...	...	...	...
554	...	...	...	...	...

US\$ 1,000

Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
19,441	2,071,545	220,480	...	347,560	...
2,625	...	...	...	...	...
14,003	...	...	...	...	...
1,200	...	...	...	...	...
1,613	...	...	...	...	...
...	...	...	...	...	...

## 5. AQUACULTURE STATISTICS

## 5.1 Aquaculture Production by Species and by Fishing Area, 2014

## 5.1.1 In Quantity

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Cyprinus carpio</i>	Common carp	04	...	...
Cyprinidae	Cyprinids nei	04	...	...
<i>Labeo rohita</i>	Roho labeo	04	...	...
<i>Cirrhinus mrigala</i>	Mrigal carp	04	...	...
<i>Ctenopharyngodon idellus</i>	Grass carp	04	...	...
<i>Hypophthalmichthys molitrix</i>	Silver carp	04	...	...
<i>Hypophthalmichthys nobilis</i>	Bighead carp	04	...	...
<i>Leptobarbus hoeveni</i>	Hoven's carp	04	...	...
<i>Osteochilus hasselti</i>	Nilem carp	04	...	...
<i>Barbonymus gonionotus</i>	Silver barb	04	...	...
<i>Catla catla</i>	Catla	04	...	...
<i>Oreochromis (=Tilapia) spp.</i>	Tilapias nei	04	...	...
<i>Oreochromis (=Tilapia) spp.</i>	Tilapias nei	57	...	...
<i>Oreochromis (=Tilapia) spp.</i>	Tilapias nei	71	...	...
<i>Oreochromis mossambicus</i>	Mozambique tilapia	04	...	...
<i>Oreochromis mossambicus</i>	Mozambique tilapia	71	...	...
<i>Oreochromis niloticus</i>	Nile tilapia	04	2.74	...
<i>Oreochromis niloticus</i>	Nile tilapia	71	...	...
<i>Piaractus brachypomus</i>	Pirapatinga	04	...	...
<i>Notopterus spp.</i>	Knifefishes	04	...	...
<i>Mystus nemurus</i>	Asian redbtail catfish	04	...	...
<i>Clarias batrachus</i>	Philippine catfish	04	...	...
<i>C. gariepinus</i> x <i>C. macrocephalus</i>	Catfish, hybrid	04	...	...
<i>Clarias spp.</i>	Torpedo-shaped catfishes nei	04	3.11	...
<i>Pangasius pangasius</i>	Pangas catfish	04	...	...
<i>Pangasius hypophthalmus</i>	Striped catfish	04	...	...
<i>Pangasius spp.</i>	Pangas catfishes nei	04	0.43	...
<i>Pangasius spp.</i>	Pangas catfishes nei	57	...	...
<i>Monopterus albus</i>	Lai	04	...	...
<i>Anabas testudineus</i>	Climbing perch	04	...	...
<i>Osphronemus goramy</i>	Giant gourami	04	...	...
<i>Trichogaster spp.</i>	Gouramis	04	...	...
<i>Trichogaster pectoralis</i>	Snakeskin gourami	04	...	...
<i>Helostoma temminckii</i>	Kissing gourami	04	...	...



							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
434,177	...	1,795	27,057	...	...	1,890	...
...	...	...	...	16,756	...	...	...
...	...	...	586,241	...	...	...	...
...	...	...	36,076	...	...	412	...
...	...	427	18,038	...	...	...	...
...	...	...	10,823	...	...	169	...
...	...	1,300	11,725	...	3	...	...
3,712	...	1,152	...	...	...	...	...
32,080	...	...	...	...	...	...	...
26,994	...	1,585	36,076	...	...	28,679	...
...	...	...	63,133	...	...	...	...
...	...	31,203	46,899	75,772	...	...	...
...	...	3,576	800	...	...	...	...
...	...	...	...	13,959	...	...	...
2,206	...	4,145	...	...	...	69	...
38,694	...	...	...	...	71	...	...
947,113	...	...	...	164,814	58	189,947	...
52,282	...	...	...	4,653	...	...	...
...	...	...	31,566	...	...	...	...
...	...	...	...	...	...	3	...
2,142	...	1,648	...	...	...	...	...
...	...	...	...	...	26	...	...
...	...	...	...	...	...	113,832	...
677,917	...	46,122	9,019	3,632	...	...	...
...	...	11,626	...	...	...	...	...
...	...	...	...	...	80	22,519	...
418,002	...	...	18,038	...	...	...	...
...	...	...	800	...	...	...	...
...	...	...	...	...	4.62	...	...
1,049	...	...	...	...	...	237	...
118,776	...	...	...	126	2	3,212	...
...	...	...	...	...	...	4	...
7,121	...	...	...	...	...	22,911	...
7,941	...	...	...	...	...	...	...

**5.1 Aquaculture Production by Species and by Fishing Area, 2014**  
**5.1.1 In Quantity (Cont'd)**

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Channa striata</i>	Striped snakedhead	04	...	...
<i>Channa micropeltes</i>	Indonesian snakehead	04	...	...
<i>Channa</i> spp.	Snakeheads (=Murrels) nei	04	...	...
<i>Oxyeleotris mamoratus</i>	Marble goby	04	...	...
<i>Anguilla</i> spp.	River eels nei	04	...	...
Osteichthyes	Freshwater fishes nei	04	1.05	...
<i>Chanos chanos</i>	Milkfish	04	...	...
<i>Chanos chanos</i>	Milkfish	71	...	...
<i>Lates calcarifer</i>	Giant seaperch (=Barramundi)	04	...	...
<i>Lates calcarifer</i>	Giant seaperch (=Barramundi)	57	...	...
<i>Lates calcarifer</i>	Giant seaperch (=Barramundi)	71	75	...
<i>Mugil cephalus</i>	Flathead grey mullet	71	...	...
Mugilidae	Mulletts nei	04	...	...
<i>Epinephelus malabaricus</i>	Malabar grouper	71	...	...
<i>Epinephelus coioides</i>	Orange-spotted grouper	71	28	...
<i>Epinephelus fuscoguttatus</i>	Brown-marbled grouper	71	...	...
<i>Epinephelus tauvina</i>	Greasy grouper	57	...	...
<i>Epinephelus tauvina</i>	Greasy grouper	71	...	...
<i>Epinephelus lanceolatus</i>	Giant grouper	71	...	...
<i>Epinephelus</i> spp.	Groupers nei	04	...	...
<i>Epinephelus</i> spp.	Groupers nei	57	...	...
<i>Epinephelus</i> spp.	Groupers nei	71	...	...
<i>Cromileptes altivelis</i>	Humpback grouper	71	...	...
<i>Schuettea scalaripinnis</i>	Eastern pomfred	04	...	...
<i>Lutjanus argentimaculatus</i>	Mangroves red snapper	57	...	...
<i>Lutjanus argentimaculatus</i>	Mangroves red snapper	71	...	...
<i>Lutjanus johnii</i>	John's snapper	57	...	...
<i>Lutjanus johnii</i>	John's snapper	71	...	...
<i>Lutjanus</i> spp.	Snappers nei	71	4.31	...
<i>Siganus</i> spp.	Spinefeet (=Rabbitfishes) nei	04	...	...
<i>Siganus</i> spp.	Spinefeet (=Rabbitfishes) nei	71	...	...
Serranidae	Groupers, seabasses nei	71	...	...
<i>Caranx sexfasciatus</i>	Bigeye trevally	71	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	71	5.84	...
<i>Trachinotus blochii</i>	Snubnose pompano	71	...	...

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam <sup>A</sup>
...	...	...	...	1,165	3	4,290	...
6,962	...	1,122	...	...	232	551	...
20,602	...	...	...	...	...	...	...
1,498	...	13	...	...	77	118	...
1,149	...	...	...	...	...	...	...
...	90,355	4,595	...	106	...	5,242	2,303,000
577,464	...	...	...	161,141	...	...	...
104	...	...	...	229,091	1,955	...	...
3,071	...	...	...	...	...	...	...
...	...	26,753	95	...	...	1,336	...
2,375	...	3,687	...	...	477	15,166	...
...	...	...	...	...	602	...	...
6,910	...	...	...	...	...	...	...
...	...	...	...	...	80	...	...
...	...	...	...	...	6	...	...
...	...	...	...	...	34	...	...
...	...	5,420	...	...	...	...	...
...	...	2,459	...	...	...	...	...
...	...	...	...	...	22	...	...
1,976	...	...	...	...	...	...	...
...	...	...	150	...	...	2,036	...
11,369	...	...	...	...	111	550	...
...	...	...	...	...	4	...	...
61,196	...	...	...	...	...	...	...
...	...	9,148	...	...	...	...	...
...	...	1,217	...	...	18	...	...
...	...	5,320	...	...	...	...	...
...	...	553	...	...	13	...	...
...	...	...	...	24	111	...	...
...	...	...	...	143	...	...	...
...	...	...	...	64	...	...	...
...	...	...	...	26	...	...	...
...	...	...	...	315	2	...	...
...	...	...	...	19	...	...	...
...	...	...	...	...	137	...	...

Note: A Figures from Statistical Handbook of Viet Nam 2014

### 5.1 Aquaculture Production by Species and by Fishing Area, 2014

#### 5.1.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Gnathanodon speciosus</i>	Golden trevally	71	...	...
<i>Eleutheronema tetradactylus</i>	Fourfinger threadfin	71	...	...
<i>Liza vaigiensis</i>	Squaretail mullet	71	...	...
Osteichthyes	Marine fishes nei	04	...	...
Osteichthyes	Marine fishes nei	57	...	...
Osteichthyes	Marine fishes nei	71	48.85	...
<i>Macrobrachium rosenbergii</i>	Giant river prawn	04	...	...
<i>Portunus pelagicus</i>	Blue swimming crab	71	...	...
<i>Portunus</i> spp.	Portunus swimcrabs nei	04	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	04	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	57	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	71	...	...
<i>Scylla olivacea</i>	Orange mud crab	57	...	...
<i>Penaeus merguensis</i>	Banana prawn	57	...	...
<i>Penaeus merguensis</i>	Banana prawn	71	...	...
<i>Penaeus vannamei</i>	Whiteleg shrimp	57	...	...
<i>Penaeus vannamei</i>	Whiteleg shrimp	71	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	57	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	71	...	...
<i>Penaeus stylirostris</i>	Blue shrimp	71	591.2	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	04	...	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	71	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	71	...	...
<i>Panulirus polyphagus</i>	Mud spiny lobster	71	...	...
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	71	...	...
<i>Crassostrea gigas</i>	Pacific cupped oyster	71	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	57	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	71	...	...
<i>Pteria penguin</i>	Penguin wing oyster	71	...	...
<i>Anadara granosa</i>	Blood cockle	57	...	...
<i>Anadara granosa</i>	Blood cockle	71	...	...
<i>Perna viridis</i>	Green mussel	57	...	...
<i>Perna viridis</i>	Green mussel	71	...	...
<i>Rana catesbeiana</i>	American bull frog	04	...	...
<i>Rana</i> spp.	Frogs	04	...	...

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam <sup>A</sup>
...	...	...	...	...	4	...	....
...	...	...	...	...	17	...	...
...	...	...	...	...	...	60	...
...	...	...	...	189	...	...	...
...	...	2,888	...	...	...	...	...
...	...	3,357	...	291	54	15	146,100
1,809	...	475	800	9	...	16,906	547,300
...	...	...	...	...	36	...	...
12	...	...	...	...	...	...	...
...	...	...	...	16,160	...	...	...
...	...	5	...	...	...	...	...
13,594	...	31	...	...	137	...	...
...	...	...	2,000	...	...	...	...
...	...	25,129	...	...	...	...	...
15,634	...	32,052	...	1,827	...	196	...
...	...	...	...	...	...	40,863	...
428,905	...	...	...	7,626	...	222,382	...
...	...	3,880	40,000	...	...	9,486	...
129,231	...	325	...	47,843	...	6,806	...
...	...	...	...	...	...	...	...
...	...	...	...	...	49	...	...
...	...	...	...	...	1	28	84,200
11,031	...	...	...	1,151	...	146	...
...	...	...	...	...	43	...	...
202	...	...	...	10	...	...	...
...	...	...	...	22,355	1	...	...
...	...	19	...	...	...	1,652	...
...	...	761	...	...	...	11,187	...
44,394	...	...	...	...	...	...	...
...	...	40,425	...	...	...	133	...
...	...	29	...	...	...	53,583	...
...	...	3	...	...	...	812	...
...	...	1,412	...	18,762	467	116,202	...
...	...	...	...	...	324	...	...
...	...	...	...	...	...	1,338	...

Note: A Figures from Statistical Handbook of Viet Nam 2014

## 5.1 Aquaculture Production by Species and by Fishing Area, 2014

## 5.1.1 In Quantity (Cont'd)

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Trionyx sinensis</i>	Soft-shell turtle	04	...	...
<i>Eucheuma denticulatum</i>	Spiny <i>Eucheuma</i>	71	...	...
<i>Eucheuma</i> spp.	<i>Eucheuma</i> seaweeds nei	71	...	...
<i>Gracilaria</i> spp.	<i>Gracilaria</i> seaweeds nei	71	...	...
<i>Caulerpa</i> spp.	<i>Caulerpa</i> seaweeds	71	...	...
<i>Kappaphycus alvarezii</i>	Elkhorn sea moss	57	...	...
<i>Kappaphycus alvarezii</i>	Elkhorn sea moss	71	...	...
Holothuroidea	Sea cucumbers nei	71	...	...
Invertebrata	Aquatic invertebrates nei	71	...	...
	Others	04	...	112,639
	Others	71	...	7,416

							MT
Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam <sup>A</sup>
...	...	...	...	...	...	1,965	...
...	...	...	...	113,127	...	...	...
8,971,463	...	...	...	...	...	...	...
1,105,529	...	...	...	536	...	...	...
...	...	...	...	1,199	...	...	...
...	...	...	2,100	...	...	...	...
...	...	245,332	...	1,434,714	...	...	...
138	...	...	...	...	...	...	...
...	...	...	15,605	...	...	...	...
...	...	...	...	...	...	...	108,900
...	...	...	...	...	...	...	223,800

Note: A Figures from Statistical Handbook of Viet Nam 2014

## 5.1 Aquaculture Production by Species and by Fishing Area, 2014

## 5.1.2 In Value

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Cyprinus carpio</i>	Common carp	04	...	...
<i>Labeo rohita</i>	Roho labeo	04	...	...
<i>Cirrhinus mrigala</i>	Mrigal carp	04	...	...
<i>Ctenopharyngodon idellus</i>	Grass carp	04	...	...
<i>Hypophthalmichthys molitrix</i>	Silver carp	04	...	...
<i>Hypophthalmichthys nobilis</i>	Bighead carp	04	...	...
<i>Leptobarbus hoeveni</i>	Hoven's carp	04	...	...
<i>Osteochilus hasselti</i>	Nilem carp	04	...	...
<i>Barbonymus gonionotus</i>	Silver barb	04	...	...
<i>Catla catla</i>	Catla	04	...	...
<i>Oreochromis mossambicus</i>	Mozambique tilapia	04	...	...
<i>Oreochromis mossambicus</i>	Mozambique tilapia	71	...	...
<i>Oreochromis niloticus</i>	Nile tilapia	04	22	...
<i>Oreochromis niloticus</i>	Nile tilapia	71	...	...
<i>Oreochromis (=Tilapia) spp.</i>	Tilapias nei	04	...	...
<i>Oreochromis (=Tilapia) spp.</i>	Tilapias nei	71	...	...
<i>Piaractus brachypomus</i>	Pirapatinga	04	...	...
<i>Notopterus spp.</i>	Knifefishes	04	...	...
<i>Mystus nemurus</i>	Asian redbtail catfish	04	...	...
<i>Clarias batrachus</i>	Philippine catfish	04	...	...
<i>C. gariepinus x C. macrocephalus</i>	Catfish, hybrid	04	...	...
<i>Clarias spp.</i>	Torpedo-shaped catfishes nei	04	19	...
<i>Pangasius pangasius</i>	Pangus catfish	04	...	...
<i>Pangasius hypophthalmus</i>	Striped catfish	04	...	...
<i>Pangasius spp.</i>	Pangas catfishes nei	04	3	...
<i>Pangasius spp.</i>	Pangas catfishes nei	71	...	...
<i>Monopterus albus</i>	Asian swamp eel	04	...	...
<i>Anabas testudineus</i>	Climbing perch	04	...	...
<i>Osphronemus goramy</i>	Giant gourami	04	...	...
<i>Trichogaster pectoralis</i>	Snakeskin gourami	04	...	...
<i>Trichogaster spp.</i>	Gouramis nei	04	...	...
<i>Helostoma temminckii</i>	Kissing gourami	04	...	...
<i>Channa striata</i>	Striped snakehead	04	...	...
<i>Channa micropeltes</i>	Indonesian snakehead	04	...	...
<i>Channa spp.</i>	Snakeheads (=Murrels) nei	04	...	...



US\$ 1,000							
Indonesia <sup>A</sup>	Lao PDR	Malaysia	Myanmar	Philippines <sup>A</sup>	Singapore <sup>A</sup>	Thailand	Viet Nam
803,227	...	4,075	32,468	10,556	...	2,778	...
...	...	...	1,113,858	...	...	1,137	...
...	...	...	90,190	...	...	606	...
...	...	1,114	27,057	...	...	...	...
...	...	...	12,988	...	...	287	...
...	...	10,391	14,070	...	17	...	...
8,241	...	...	...	...	...	...	...
52,290	...	...	...	...	...	...	...
29,963	...	3,646	36,076	...	...	38,717	...
...	...	...	126,266	...	...	...	...
2,449	...	7,751	...	...	...	90	...
42,950	...	...	...	...	...	...	...
1,401,727	...	...	...	271,943	304	302,016	...
77,821	...	...	...	7,724	...	...	...
...	...	72,079	56,279	136,390	...	...	...
...	...	9,655	...	20,799	308	...	...
...	...	...	31,566	...	...	...	...
...	...	...	...	...	...	7	...
4,434	...	7,367	...	...	...	...	...
...	...	...	...	...	76	...	...
...	...	...	...	...	...	173,025	...
1,003,317	...	73,795	22,548	7,736	...	...	...
...	...	28,135	...	...	...	...	...
...	...	...	...	...	263	22,744	...
618,643	...	...	27,057	...	...	...	...
...	...	...	1,600	...	...	...	...
...	...	...	...	...	68	...	...
2,329	...	...	...	...	...	491	...
307,630	...	...	...	140	19	7,548	...
6,338	...	...	...	...	...	42,614	...
...	...	...	...	...	...	3	...
8,815	...	...	...	...	...	...	...
...	...	...	...	2,260	30	13,127	...
10,304	...	2,379	...	...	1,822	1,245	...
30,491	...	...	...	...	...	...	...

Note: A Figures are based on the exchange rate used in the ASEAN Statistics Database

**5.1 Aquaculture Production by Species and by Fishing Area, 2014**  
**5.1.2 In Value (Cont'd)**

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Oxyeleotris marmorata</i>	Marble goby	04	...	...
<i>Anguilla</i> spp.	River eels nei	04	...	...
Osteichthyes	Freshwater fishes nei	04	...	...
<i>Chanos chanos</i>	Milkfish	04	...	...
<i>Chanos chanos</i>	Milkfish	71	...	...
<i>Lates calcarifer</i>	Giant seaperch (=Barramundi)	04	...	...
<i>Lates calcarifer</i>	Giant seaperch (=Barramundi)	57	...	...
<i>Lates calcarifer</i>	Giant seaperch (=Barramundi)	71	1,009	...
<i>Mugil cephalus</i>	Flathead grey mullet	71	...	...
Mugilidae	Mulletts nei	04	...	...
<i>Epinephelus tauvina</i>	Greasy grouper	57	...	...
<i>Epinephelus tauvina</i>	Greasy grouper	71	...	...
<i>Epinephelus malabaricus</i>	Malabar grouper	71	...	...
<i>Epinephelus coioides</i>	Orange-spotted grouper	71	565	...
<i>Epinephelus fuscoguttatus</i>	Brown-marbled grouper	71	...	...
<i>Epinephelus lanceolatus</i>	Giant grouper	71	...	...
<i>Epinephelus</i> spp.	Groupers nei	04	...	...
<i>Epinephelus</i> spp.	Groupers nei	57	...	...
<i>Epinephelus</i> spp.	Groupers nei	71	...	...
<i>Cromileptes altivelis</i>	Humpback grouper	71	...	...
<i>Schuettea scalaripinnis</i>	Eastern pomfred	04	...	...
<i>Lutjanus argentimaculatus</i>	Mangroves red snapper	57	...	...
<i>Lutjanus argentimaculatus</i>	Mangroves red snapper	71	...	...
<i>Lutjanus johnii</i>	John's snapper	57	...	...
<i>Lutjanus johnii</i>	John's snapper	71	...	...
<i>Lutjanus</i> spp.	Snappers nei	71	69	...
<i>Siganus canaliculatus</i>	White-spotted spinefoot	71	...	...
<i>Siganus</i> spp.	Spinefeet (=Rabbitfishes) nei	04	...	...
<i>Siganus</i> spp.	Spinefeet (=Rabbitfishes) nei	71	...	...
Serranidae	Groupers, seabasses nei	04	...	...
Serranidae	Groupers, seabasses nei	71	...	...
<i>Caranx sexfasciatus</i>	Bigeye trevally	71	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	71	66.5	...
<i>Trachinotus blochii</i>	Snubnose pompano	71	...	...
<i>Gnathanodon speciosus</i>	Golden trevally	71	...	...

US\$ 1,000							
Indonesia <sup>A</sup>	Lao PDR	Malaysia	Myanmar	Philippines <sup>A</sup>	Singapore <sup>A</sup>	Thailand	Viet Nam
8,883	...	194	...	...	3,201	1,184	...
2,126	...	...	...	...	...	...	...
...	108,426	9,604	...	189	...	10,327	...
1,068,308	...	...	...	524,085	...	...	...
192	...	...	...	277,071	6,145	...	...
13,365	...	...	...	...	...	...	...
...	...	109,955	380	...	...	5,772	...
10,545	...	16,702	...	...	4,065	56,721	...
...	...	...	...	...	3,811	...	...
6,150	...	...	...	...	...	...	...
...	...	56,476	...	...	...	...	...
...	...	47,164	...	...	...	...	...
...	...	...	...	...	1,847	...	...
...	...	...	...	...	138	...	...
...	...	...	...	...	643	...	...
...	...	...	...	...	864	...	...
21,959	...	...	...	...	2,815	...	...
...	...	...	750	...	...	13,947	...
109,485	...	...	...	...	...	3,812	...
...	...	...	...	...	151	...	...
67,928	...	...	...	...	...	...	...
...	...	55,986	...	...	...	...	...
...	...	6,961	...	...	211	...	...
...	...	32,931	...	...	...	...	...
...	...	3,948	...	...	183	...	...
...	...	...	...	128	1,487	...	...
...	...	...	...	...	...	2	...
...	...	...	...	751	...	...	...
...	...	...	...	223	...	...	...
...	...	...	...	268	...	...	...
...	...	...	...	5,324	...	...	...
...	...	...	...	...	16	...	...
...	...	...	...	90	...	...	...
...	...	...	...	...	1,313	...	...
...	...	...	...	...	47	...	...

Note: A Figures are based on the exchange rate used in the ASEAN Statistics Database

**5.1 Aquaculture Production by Species and by Fishing Area, 2014**  
**5.1.2 In Value (Cont'd)**

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Eleutheronema tetradactylum</i>	Fourfinger threadfin	71	...	...
<i>Liza vaigiensis</i>	Squaretail mullet	71	...	...
Osteichthyes	Marine fishes nei	04	...	...
Osteichthyes	Marine fishes nei	57	...	...
Osteichthyes	Marine fishes nei	71	...	...
<i>Macrobrachium rosenbergii</i>	Giant river prawn	04	...	...
<i>Portunus</i> spp.	Portunus swimcrabs nei	04	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	57	...	...
<i>Scylla serrata</i>	Indo-Pacific swamp crab	71	...	...
<i>Scylla olivacea</i>	Orange mud crab	57	...	...
<i>Penaeus merguensis</i>	Banana prawn	57	...	...
<i>Penaeus merguensis</i>	Banana prawn	71	...	...
<i>Penaeus vannamei</i>	Whiteleg shrimp	57	...	...
<i>Penaeus vannamei</i>	Whiteleg shrimp	71	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	57	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	71	...	...
<i>Penaeus stylirostris</i>	Blue shrimp	71	7,130	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	04	...	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	71	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	71	...	...
<i>Panulirus polyphagus</i>	Mud spiny lobster	71	...	...
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	71	...	...
<i>Crassostrea iredalei</i>	Slipper cupped oyster	71	...	...
<i>Crassostrea gigas</i>	Pacific cupped oyster	71	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	57	...	...
<i>Crassostrea</i> spp.	Cupped oysters nei	71	...	...
<i>Pteria penguin</i>	Penguin wing oyster	71	...	...
<i>Anadara granosa</i>	Blood cockle	57	...	...
<i>Anadara granosa</i>	Blood cockle	71	...	...
<i>Perna viridis</i>	Green mussel	57	...	...
<i>Perna viridis</i>	Green mussel	71	...	...
<i>Rana catesbeiana</i>	American bullfrog	71	...	...
<i>Rana</i> spp.	Frogs	04	...	...
<i>Trionyx simensis</i>	Soft-shell turtle	04	...	...

US\$ 1,000							
Indonesia <sup>A</sup>	Lao PDR	Malaysia	Myanmar	Philippines <sup>A</sup>	Singapore <sup>A</sup>	Thailand	Viet Nam
...	...	...	...	...	226	...	...
...	...	...	...	...	...	117	...
...	...	...	...	391	...	...	...
...	...	8,346	...	...	...	...	...
...	...	22,995	...	1,024	204	16	...
8,032	...	5,078	4,800	35	...	129,331	...
31	...	...	...	...	473	...	...
...	...	25	...	...	...	...	...
50,928	...	192	...	115,706	3,876	...	...
...	...	...	16,000	...	...	...	...
...	...	151,025	...	...	...	...	...
46,276	...	180,132	...	7,235	...	1,523	...
...	...	...	...	...	...	239,049	...
1,586,948	...	...	...	39,198	...	1,254,234	...
...	...	32,476	220,000	...	...	68,109	...
573,786	...	2,587	...	435,371	...	47,029	...
...	...	...	...	...	...	...	...
...	...	...	...	...	1,703	...	...
...	...	...	...	...	25	37	...
20,407	...	...	...	4,846	...	444	...
...	...	...	...	...	2,882	...	...
2,244	...	...	...	524	...	...	...
...	...	...	...	4,024	...	...	...
...	...	...	...	...	8	...	...
...	...	43	...	...	...	3,552	...
...	...	1,492	...	...	...	7,160	...
26,636	...	...	...	...	...	...	...
...	...	23,042	...	...	...	180	...
...	...	19	...	...	...	63,764	...
...	...	2	...	...	...	568	...
...	...	1,610	...	5,066	580	25,564	...
...	...	...	...	...	2,933	...	...
...	...	...	...	...	...	2,716	...
...	...	...	...	...	...	13,578	...

Note: A Figures are based on the exchange rate used in the ASEAN Statistics Database

**5.1 Aquaculture Production by Species and by Fishing Area, 2014**  
**5.1.2 In Value (Cont'd)**

Scientific Name	FAO English Name	Fishing Area	Brunei Darussalam	Cambodia
<i>Euchema denticulatum</i>	Spiny <i>Euchema</i>	71	...	...
<i>Eucheuma</i> spp.	<i>Eucheuma</i> seaweeds nei	71	...	...
<i>Gracilaria</i> spp.	<i>Gracilaria</i> seaweeds nei	71	...	...
<i>Caulerpa</i> spp.	<i>Caulerpa</i> seaweeds	71	...	...
<i>Kappaphycus alvarezii</i>	Elkhorn sea moss	71	...	...
Holothuroidea	Sea cucumbers nei	71	...	...
Invertebrata	Aquatic invertebrates nei	57	...	...



## 5.2 Aquaculture Production by Species of Ornamental Fishes, 2014

## 5.2.1 In Quantity

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Cyprinus carpio</i>	Common carp	...	...	327,902
Cyprinidae	Carps, barbels and cyprinids	...	...	17,832
<i>Carassius auratus</i>	Goldfish	...	...	142,301
<i>Pterophyllum scalar</i>	Angel fish	...	...	27,690
<i>Symphysodon</i> spp.	Discus	...	...	10,173
<i>Ancistrus</i> spp.	Sucker	...	...	...
<i>Cichlasoma</i> spp.	Flower horn	...	...	189
<i>Astronotus ocellatus</i>	Oscar	...	...	14,229
<i>Aequidens pulchrus</i>	Blue acara	...	...	2,125
<i>Osteoglossum bicirrhosum</i>	Arawana	...	...	41
<i>Osteoglossum ferreirai</i>	Arawana	...	...	802
<i>Scleropages legendrei</i>	Arawana super red	...	...	289
<i>Puntius conchonius</i>	Rosy barb	...	...	1,257
<i>Puntius semifasciolatus</i>	Green tiger barb	...	...	515
<i>Puntius tetrazona</i>	Sumatra barb	...	...	175
<i>Puntius</i> spp.	Barbus	...	...	8,374
<i>Chromobotia macracanthus</i>	Clown loach	...	...	23,166
<i>Corydoras aeneus</i>	Bronze corydoras	...	...	14,386
<i>Betta splendens</i>	Siamese fighting fish	...	...	152,398
<i>Peprilus triacanthus</i>	Atlantic butterfish	...	...	...
<i>Anostomus anostomus</i>	Striped headstander	...	...	88
<i>Rasbora heteromorpha</i>	Harlequin rasbora	...	...	73
<i>Apteronotus albifrons</i>	Black ghost	...	...	16,741
<i>Hyphessobrycon sweglesi</i>	Phantom tetra	...	...	194
<i>Hyphessobrycon axelrodi</i>	Calypso tetra	...	...	10,183
<i>Phenacogrammus interruptus</i>	-	...	...	...
<i>Trichogaster lalius</i>	Dwarf gourami	...	...	8,245
<i>Neolamprologus leleupi</i>	Lemon cichlid	...	...	30,802
<i>Paracheirodon innesi</i>	Neon tetra	...	...	19,499
Anabantids	-	...	...	...
<i>Poecilia sphenops</i>	Molly	...	...	26,239
<i>Poecilia reticulata</i>	Guppy	...	...	48,936
Poecilids	-	...	...	109
<i>Polypterus senegalus</i>	-	...	...	95





**5.2 Aquaculture Production by Species of Ornamental Fishes, 2014**  
**5.2.1 In Quantity (Cont'd)**

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Macropodus chinensis</i>	Roundtail paradisefish	...	...	44
<i>Xiphophorus maculatus</i>	Southern platyfish	...	...	44,232
<i>Melanochromis auratus</i>	Golden mbuna	...	...	331
<i>Chilatherina axelrodi</i>	Axelrod's rainbowfish	...	...	13,488
<i>Hemigrammus bleheri</i>	Firehead tetra	...	...	14,853
Characins	-	...	...	...
Cichlids	-	...	...	...
Osteoglossids	-	...	...	...
Callichthyids	-	...	...	...
Cobitids	-	...	...	...
<i>Hippocampus erectus</i>	Lined seahorse	...	...	2
-	Others	...	...	163,087



## 5.2 Aquaculture Production by Species of Ornamental Fishes, 2014

### 5.2.2 In Value

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Cyprinus carpio</i>	Common carp	...	...	...
Cyprinidae	Carps, barbels and cyprinids	...	...	...
<i>Carassius auratus</i>	Goldfish	...	...	...
<i>Pterophyllum scalar</i>	Angel fish	...	...	...
<i>Symphysodon aequifasciatus</i>	Blue discus	...	...	...
<i>Ancistrus</i> spp.	Sucker	...	...	...
<i>Cichlasoma</i> spp.	Flower horn	...	...	...
<i>Astronotus ocellatus</i>	Oscar	...	...	...
<i>Puntius</i> spp.	Barbus	...	...	...
Anabantids	-	...	...	...
Poeciliids	-	...	...	...
Characins	-	...	...	...
Cichlids	-	...	...	...
Osteoglossids	-	...	...	...
Callichthyids	-	...	...	...
Cobitids	-	...	...	...
-	Others	...	...	...

							US\$ 1,000
Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam	
...	...	5,177	...	...	...	...	
...	25,160	...	...	...	...	...	
...	...	107,415	...	...	...	...	
...	...	9,789	...	...	...	...	
...	...	6,712	...	...	...	...	
...	...	3,001	...	...	...	...	
...	...	7,419	...	...	...	...	
...	...	463	...	...	...	...	
...	...	17,262	...	...	...	...	
...	2,870	...	...	...	...	...	
...	27,932	...	...	...	...	...	
...	1,876	...	...	...	...	...	
...	10,701	...	...	...	...	...	
...	35,313	...	...	...	...	...	
...	992	...	...	...	...	...	
...	26	...	...	...	...	...	
...	2,979	...	...	...	...	...	

## 5.3 Seed Production from Aquaculture, 2014

## 5.3.1 Brunei Darussalam

Scientific Name	FAO English Name	Total (million pcs.)	Wild Stock (million pcs.)	Aquaculture Practices (million pcs.)	No. of operational units or facilities
<i>Oreochromis niloticus</i>	Nile tilapia	0.043	...	0.043	1
<i>Lates calcarifer</i>	Barramundi (= Giant seaperch)	0.117	...	0.117	1
<i>Penaeus stylirostris</i>	Blue shrimp	36.86	...	36.86	1

## 5.3 Seed Production from Aquaculture, 2014

## 5.3.2 Indonesia

Scientific Name	FAO English Name	Total (million pcs.)	Wild Stock (million pcs.)	Aquaculture Practices (million pcs.)	No. of operational units or facilities
<i>Chanos chanos</i>	Milkfish	4,670,165	1,738	4,668,427	...
<i>Lates calcarifer</i>	Giant seaperch (=Barramundi)	5,217	...	5,217	...
<i>Penaeus monodon</i>	Giant tiger prawn	12,343,351	...	12,343,351	...
<i>Penaeus vannamei</i>	Whiteleg shrimp	29,952,295	...	29,952,295	...
<i>Cyprinus carpio</i>	Common carp	8,848,829	...	8,848,829	...
<i>Oreochromis niloticus</i>	Nile tilapia	1,036,291	...	1,036,291	...
<i>Osteochillus hasselti</i>	Nilem carp	2,405,379	365	2,405,014	...
<i>Ctenopharyngodon idellus</i>	Grass carp(=White amur)	700	700	...	...
<i>Osphronemus gouramy</i>	Giant gourami	1,386,137	...	1,386,137	...
<i>Pangasius</i> spp.	Pangas catfishes nei	1,081,141	...	1,081,141	...
<i>Helostoma temminckii</i>	Kissing gourami	1,624,754	...	1,624,754	...
<i>Schuettea scalaripinnis</i>	Eastern pomfret	550,213	...	550,213	...
<i>Clarias</i> spp.	Torpedo-shaped catfishes nei	30,535,643	...	30,535,643	...
<i>Macrobrachium rosenbergii</i>	Giant rive prawn	101,021	...	101,021	...
<i>Ephinepelus</i> spp.	Groupers nei	8,085,158	...	8,085,158	...
<i>Eucheuma</i> spp. A	<i>Eucheuma</i> seaweeds nei	482,121	...	482,121	...

Note: A Million metric tonnes

**5.3 Seed Production from Aquaculture, 2014**  
**5.3.3 Malaysia**

Scientific Name	FAO English Name	Total (million pcs.)	Wild Stock (million pcs.)	Aquaculture Practices (million pcs.)	No. of operational units or facilities
<i>Puntius gonionotus</i>	Javanese carp	9.86	1.62	8.24	1,059
<i>Cyprinus carpio</i>	Common carp	46.04	...	46.04	
<i>Trichogaster pectoralis</i>	Snakeskin gouramy	0.80	...	0.80	
<i>Puntius schwanefeldii</i>	Schwanefeldi's Tinfoil Barb	4.36	2.15	2.21	
<i>Oreochromis niloticus</i>	Nile tilapia	5.09	...	5.09	
<i>Oreochromis</i> spp.	Red tilapia	123.05	...	123.05	
<i>Anabas testudineus</i>	Climbing perch	7.75	0.05	7.70	
<i>Leptobarbus ocellatus</i>	Hoeveni's slender carp	0.02	...	0.02	
<i>Clarias macrocephalus</i>	Walking catfish	3,604	...	3,604	
<i>Mystus</i> spp.	River catfish	27.27	0.08	27.19	
<i>Pangasius hypophthalmus</i>	Striped catfish	57.18	...	57.18	
<i>Epinephelus</i> spp.	Grouper	32.96	...	32.96	
<i>Lates calcarifer</i>	Barramundi	544.38	...	544.38	
<i>Lutjanus johnii</i>	John's snapper	22.2	...	22.2	
<i>Lutjanus malabaricus</i>	Red snapper	535.68	...	535.68	
<i>Crassostrea</i> spp.	Oysters	634.95	...	634.95	
<i>Penaeus monodon</i>	Giant tiger prawn	597.52	...	597.52	
<i>Penaeus merguensis</i>	Banana prawn	8,020	...	8,020	
<i>Macrobrachium rosenbergii</i>	Giant river prawn	120.47	2.63	117.84	
-	Miscellaneous	118.33	0.6	117.73	

### 5.3 Seed Production from Aquaculture, 2014

#### 5.3.4 Myanmar

Scientific Name	FAO English Name	Total (million pcs.)	Wild Stock (million pcs.)	Aquaculture Practices (million pcs.)	No. of operational units or facilities
<i>Labeo rohita</i>	Roho labeo	384.86	37.6	347.26	26
<i>Cyprinus carpio</i>	Common carp	41.91	8.85	33.06	26
<i>Catla catla</i>	Catla	7.055	0.041	7.014	26
<i>Cirrhinus mrigala</i>	Mrigal	2.853	0.001	2.85	26
<i>Ctenopharyngodon idellus</i>	Grass carp	5.598	0.028	5.57	26
<i>Hypophthalmichthys molitrix</i>	Silver carp	4.833	0.105	4.728	26
<i>Hypophthalmichthys nobilis</i>	Bighead carp	2.785	...	2.79	26
<i>Oreochromis (=Tilapia) spp.</i>	Tilapias nei	13.57	2.452	11.12	26
<i>Barbonymus gonionotus</i>	Silver barb	73.478	15.70	57.78	26
<i>Pangasius spp.</i>	Pangas catfishes nei	7.11	...	7.11	20
<i>Leptobarbus hoeveni</i>	Hoven's carp	0.06	...	0.06	15
<i>Prochilodus lineatus</i>	Streaked prochilod	0.565	0.055	0.51	15
<i>Heteropneustes fossilis</i>	Stinging catfish	0.1	...	0.1	15
<i>Macrobrachium rosenbergii</i>	Giant river prawn	0.40	...	0.40	15
<i>Penaeus monodon</i>	Giant tiger prawn	3.50	...	3.50	30





## 6. PRICE OF FRESH FISH

## 6.1 Producer Price for Capture Fishery Production by Species, 2014

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Cyprinus carpio</i>	Common carp	...	...	2.02
<i>Labeo rohita</i>	Roho labeo	...	...	...
<i>Ctenopharyngodon idellus</i>	Grass carp(=White amur)	...	...	...
<i>Hypophthalmichthys nobilis</i>	Bighead carp	...	...	...
<i>Osteochilus hasselti</i>	Nilem carp	...	...	1.16
<i>Leptobarbus hoeveni</i>	Hoven's carp	...	...	2.26
<i>Macrochirichthys macrochirus</i>	Long pectoral-fin minnow	...	...	1.05
<i>Barbonymus gonionotus</i>	Silver barb	...	...	1.48
<i>Barbonymus schwanenfeldii</i>	Tinfoil barb	...	...	1.80
<i>Puntius binotatus</i>	Spotted barb	...	...	1.40
<i>Cyclocheilichthys apogon</i>	Beardless barb	...	...	0.79
<i>Cyclocheilichthys armatus</i>	-	...	...	7.88
<i>Hampala macrolepidota</i>	Hampala barb	...	...	1.82
<i>Labiobarbus festivus</i>	Signal barb	...	...	1.37
<i>Rasbora argyrotaenia</i>	Silver rasbora	...	...	1.77
<i>Thynnichthys vaillanti</i>	-	...	...	0.76
<i>Tor soro</i>	-	...	...	2.52
<i>Tor douronensis</i>	Semah mahseer	...	...	4.39
<i>Barbichthys laevis</i>	Sucker barb	...	...	1.40
<i>Barbodes balleroides</i>	-	...	...	0.93
<i>Mystacoleucus marginatus</i>	-	...	...	3.11
<i>Mystacoleucus padangensis</i>	-	...	...	0.35
<i>Puntioplites waandersi</i>	-	...	...	0.98
<i>Oreochromis mossambicus</i>	Mozambique tilapia	...	...	1.46
<i>Oreochromis niloticus</i>	Nile tilapia	...	...	1.69
<i>O. niloticus x O. mossambicus</i>	Red tilapia	...	...	...
<i>Chitala lopis</i>	Giant featherback	...	...	3.79
<i>Chitala ornata</i>	Spotted featherback	...	...	...
<i>Notopterus notopterus</i>	Bronze featherback	...	...	...
<i>Kryptopterus spp.</i>	Glass catfishes	...	...	2.49
<i>Ompok bimaculatus</i>	Butter catfish	...	...	2.20



### 6.1 Producer Price for Capture Fishery Production by Species, 2014 (Cont'd)

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Mystus nigriceps</i>	-	...	...	0.94
<i>C. gariepinus</i> x <i>C. macrocephalus</i>	Catfish, hybrid	...	...	...
<i>Clarias</i> spp.	Torpedo-shaped catfishes nei	...	...	1.33
<i>Pangasius pangasius</i>	Pangas catfish	...	...	...
<i>Pangasius djambal</i>	-	...	...	2.96
<i>Pangasius</i> spp.	Pangas catfishes nei	...	...	...
<i>Anguilla</i> spp.	River eels nei	...	...	3.82
<i>Macragnathus siamensis</i>	Spotted spiny eel	...	...	...
Eleotridae	Gudgeons, sleepers nei	...	...	3.95
<i>Anabas testudineus</i>	Climbing perch	...	...	2.06
<i>Osphronemus gorami</i>	Giant gourami	...	...	2.4
<i>Trichogaster pectoralis</i>	Snakeskin gourami	...	...	1.21
<i>Trichogaster trichopterus</i>	Three spot gourami	...	...	1.05
<i>Helostoma temminckii</i>	Kissing gourami	...	...	1.47
<i>Channa striata</i>	Striped snakehead	...	...	2.39
<i>Channa micropeltes</i>	Indonesian snakehead	...	...	2.24
<i>Oxyeleotris marmorata</i>	Marble goby	...	...	...
<i>Cirrhinus microlepis</i>	Small scale mud carp	...	...	...
<i>Mastacembelus erythrotaenia</i>	Fire eel	...	...	2.1
<i>Pristolepis fasciata</i>	Malayan leaffish	...	...	1.21
<i>Chromobotia macracanthus</i>	Clown loach	...	...	1.93
<i>Phalacronotus bleekeri</i>	Whisker sheatfish	...	...	...
Osteichthyes	Freshwater fishes nei	...	...	1.97
<i>Toxotes microlepis</i>	Smallscale archerfish	...	...	0.96
<i>Anodontostoma chacunda</i>	Chacunda gizzard shad	2.24	...	1.11
<i>Hilsa kelee</i>	Kelee shad	...	...	...
<i>Tennulosa toli</i>	Toli shad	2.24	...	2.34
<i>Chanos chanos</i>	Milkfish	...	...	...
<i>Lates calcarifer</i>	Barramundi (=Giant seaperch)	5.22	...	2.09
Pleuronectiformes	Flatfishes nei	...	...	1.54
<i>Psettodes erumei</i>	Indian halibut	...	...	1.22

							US\$/kg.
Lao PDR	Malaysia	Myanmar	Philippines <sup>A</sup>	Singapore	Thailand	Viet Nam	
...	...	...	...	...	...	...	
...	...	...	...	...	1.85	...	
...	1.60	...	...	...	...	...	
...	2.42	...	...	...	...	...	
...	...	...	...	...	...	...	
...	...	...	...	...	1.23	...	
...	...	...	...	...	4	...	
...	...	...	...	...	2.46	...	
...	...	...	...	...	...	...	
...	...	...	...	...	2.46	...	
...	...	...	...	...	2.15	...	
...	...	...	...	...	2.15	...	
...	...	...	...	...	...	...	
...	...	...	...	...	3.69	...	
...	...	...	...	...	...	...	
...	14.89	...	...	...	...	...	
...	...	...	...	...	1.02	...	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
...	...	...	...	...	7.7	...	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
...	1.07	...	...	...	...	...	
...	5.55	...	...	...	...	...	
...	...	...	...	...	4.77	...	
...	...	...	2.28	...	...	...	
...	4.56	...	...	8.38	4.46	...	
...	...	...	...	...	...	...	
...	...	...	...	...	2.46	...	

Note: A Figures from Agricultural Marketing Statistics Analysis Division (AMSAD), BAS and conversion to US\$ is based on the exchange rate used in the ASEAN Statistics Database

### 6.1 Producer Price for Capture Fishery Production by Species, 2014 (Cont'd)

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Harpodon nehereus</i>	Bombay-duck	...	...	0.9
<i>Saurida tumbil</i>	Grester lizardfish	0.37	...	0.73
<i>Saurida</i> spp.	Lizard fishes	0.22	...	...
<i>Arius</i> spp.	Sea catfishes	0.75	...	...
Ariidae	Sea catfishes nei	...	...	1.54
Mugilidae	Mulletts nei	...	...	1.30
<i>Caesio caerulea</i>	Blue and gold fusiller	...	...	0.63
<i>Caesio cuning</i>	Redbelly yellowtail fusiller	...	...	1.26
<i>Caesio</i> spp.	Fusillers caesios nei	3.73	...	...
<i>Epinephelus merra</i>	Honeycomb grouper	...	...	2.4
<i>Epinephelus tauvina</i>	Greasy grouper	...	...	3.24
<i>Epinephelus</i> spp.	Groupers nei	5.97	...	...
<i>Cephalopholis boenak</i>	Chocolate hind	...	...	2.80
<i>Cromileptes altivelis</i>	Humpback grouper	...	...	2.91
<i>Plectropomus leopardus</i>	Leopard coral grouper	5.97	...	4.35
<i>Plectropomus</i> spp.	Grouper	5.97	...	...
<i>Priacanthus macracanthus</i>	Red bigeye	...	...	0.81
<i>Priacanthus</i> spp.	Bigeyes nei	...	...	0.77
<i>Sillago sihama</i>	Silver sillago	...	...	1.04
Sillaginidae	Sillago-whittings	...	...	...
<i>Mene maculata</i>	Moonfish	...	...	...
Sciaenidae	Croakers, drums nei	...	...	1.01
<i>Lutjanus</i> spp.	Snappers nei	...	...	2.28
Lutjanidae	Snapper, jobfishes nei	...	...	...
<i>Pristipomoides</i> spp.	Jobfishes nei	...	...	1.11
<i>Nemipterus</i> spp.	Threadfin breams nei	3.73	...	1.33
<i>Leiognathus</i> spp.	Ponyfishes	1.49	...	0.58
Haemulidae (=Pomadasydae)	Grunts, sweetlips nei	...	...	1.08
Lethrinidae	Emperors(=Scavengers) nei	...	...	1.05
<i>Upeneus sulphureus</i>	Sulphur goatfish	...	...	0.87
<i>Upeneus</i> spp.	Indian goatfish	...	...	0.81
<i>Cheilinus undulatus</i>	Humphead wrasse	...	...	3.35
<i>Eleutheronema tetradactylum</i>	Fourfinger threadfin	...	...	3.76

US\$/kg.						
Lao PDR	Malaysia	Myanmar	Philippines <sup>A</sup>	Singapore	Thailand	Viet Nam
...	0.95	...	...	...	...	...
...	...	...	...	...	...	...
...	0.72	...	...	...	...	...
...	1.34	...	...	...	1.45	...
...	...	...	...	2.80	...	...
...	...	...	...	4.84	4.77	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	1.62	...	2.21	4.94	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	5.67	...	5.00	9.07	8.16	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	1.85	...
...	...	...	...	...	...	...
...	...	...	...	4.39	2.46	...
...	...	...	...	5.05	...	...
...	...	...	...	3.43	1.39	...
...	...	...	...	6.64	...	...
...	...	...	...	3.45	5.54	...
...	...	...	...	...	...	...
...	2.01	...	2.96	7.91	1.69	...
...	1.08	...	2.05	3.83	1.08	...
...	...	...	...	4.34	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	3.91	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...

Note: A Figures from Agricultural Marketing Statistics Analysis Division (AMSAD), BAS and conversion to US\$ is based on the exchange rate used in the ASEAN Statistics Database

### 6.1 Producer Price for Capture Fishery Production by Species, 2014 (Cont'd)

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Polynemus</i> spp.	Threadfins nei	...	...	2.1
Polynemidae	Threadfins, tasselfishes nei	...	...	...
<i>Siganus canaliculatus</i>	White-spotted spinefoot	...	...	1.94
<i>Siganus guttatus</i>	Goldlined spinefoot	...	...	1.75
<i>Siganus</i> spp.	Spinefeet(=Rabbitfishes) nei	...	...	1.56
<i>Trichiurus lepturus</i>	Largehead hairtail	...	...	...
Trichiuridae	Hairtails, scabbardfishes nei	...	...	1.00
<i>Amblygaster sirm</i>	Spotted sardinella	...	...	1.28
<i>Sardinella gibbosa</i>	Goldstripe sardinella	...	...	0.75
<i>Sardinella fimbriata</i>	Fringescale sardine	2.24	...	...
<i>Sardinella lemuru</i>	Bali sardinella	...	...	0.54
<i>Sardinella</i> spp.	Sardinellas nei	...	...	...
<i>Dussumieria acuta</i>	Rainbow sardine	...	...	0.72
<i>Dussumieria</i> spp.	Rainbow sardines nei	...	...	...
<i>Stolephorus</i> spp.	<i>Stolephorus</i> anchovies	...	...	1.54
<i>Chirocentrus dorab</i>	Dorab wolf-herring	...	...	...
<i>Chirocentrus</i> spp.	Wolf-herrings nei	...	...	2.14
<i>Auxis thazard</i>	Frigate tunas	...	...	1.16
<i>Auxis rochei</i>	Bullet tunas	...	...	0.76
<i>Euthynnus affinis</i>	Kawakawa	...	...	1.12
<i>Katsuwonus pelamis</i>	Skipjack tuna	...	...	1.18
<i>Thunnus tonggol</i>	Longtail tuna	...	...	1.46
<i>Thunnus alalunga</i>	Albacore tuna	...	...	1.78
<i>Thunnus maccoyii</i>	Southern bluefin tuna	...	...	3.85
<i>Thunnus obesus</i>	Bigeye tuna	...	...	2.13
<i>Thunnus albacares</i>	Yellowfin tuna	...	...	2.09
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	...	...	1.15
<i>Makaira indica</i>	Black marlin	...	...	1.92
<i>Makaira nigricans</i>	Blue marlin	...	...	2.14
<i>Tetrapturus audax</i>	Striped marlin	...	...	2.11
<i>Xiphias gladius</i>	Swordfish	...	...	2.12
<i>Scomberomorus commerson</i>	Narrow-barred Spanish mackerel	...	...	2.64
<i>Scomberomorus guttatus</i>	Indo-Pacific king mackerel	...	...	2.65



US\$/kg.						
Lao PDR	Malaysia	Myanmar	Philippines <sup>A</sup>	Singapore	Thailand	Viet Nam
...	...	...	...	...	...	...
...	...	...	...	16.61	4.00	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	4.56	...	...
...	...	...	...	5.02	2.46	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	0.84	...	...	...	...	...
...	...	...	...	...	...	...
...	1.02	...	...	...	...	...
...	1.09	...	1.10	...	...	...
...	...	...	...	...	2.15	...
...	...	...	...	6.54	...	...
...	...	...	1.12	...	1.23	...
...	...	...	...	...	1.23	...
...	...	...	...	...	...	...
...	...	...	...	4.50	...	...
...	...	...	...	...	2.15	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	1.75	...	2.81	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	2.29	...	...	...

Note: A Figures from Agricultural Marketing Statistics Analysis Division (AMSAD), BAS and conversion to US\$ is based on the exchange rate used in the ASEAN Statistics Database

### 6.1 Producer Price for Capture Fishery Production by Species, 2014 (Cont'd)

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Scomberomorus cavalla</i>	King mackerel	...	...	...
<i>Scomberomorus</i> spp.	Seerfishes nei	...	...	...
<i>Sarda orientalis</i>	Striped bonito	...	...	1.57
<i>Tylosurus</i> spp.	Needlefishes nei	...	...	0.90
<i>Hemiramphus</i> spp.	Halfbeaks nei	...	...	0.65
Exocoetidae	Flyingfishes nei	...	...	0.82
<i>Lactarius lactarius</i>	Flase trevally	...	...	0.82
<i>Rachycentroon canadum</i>	Cobia	...	...	...
<i>Decapterus punctatus</i>	Round scad	...	...	...
<i>Decapterus</i> spp.	Scads nei	...	...	0.88
<i>Caranx sexfasciatus</i>	Bigeye trevally	...	...	...
<i>Caranx</i> spp.	Jacks, crevalles nei	...	...	1.70
Carangidae	Carangids nei	...	...	...
<i>Alectis indicus</i>	Indian threadfish	...	...	...
<i>Carangoides</i> spp.	Horse mackerel	...	...	...
<i>Gnathanodon speciosus</i>	Golden trevally	5.22	...	...
<i>Atule mate</i>	Yellowtail scad	3.73	...	...
<i>Alepes</i> spp.	Scads nei	3.73	...	...
<i>Selar crumenophthalmus</i>	Bigeye scad	1.49	...	1.18
<i>Selar boops</i>	Oxeye scad	...	...	...
<i>Selaroides leptolepis</i>	Yellowstripe scad	...	...	1.14
<i>Seriolina nigrofasciata</i>	Blackbanded trevally	...	...	...
<i>Parastromatus niger</i>	Black pomfret	...	...	2.25
<i>Elagatis bipinnulata</i>	Rainbow runner	...	...	1.08
<i>Megalaspis cordyla</i>	Hardtail scad	...	...	1.01
<i>Scomberoides</i> spp.	Queenfishes	...	...	1.51
<i>Coryphaena hippurus</i>	Common dolphinfish	...	...	1.18
<i>Scomber australasicus</i>	Blue mackerel	...	...	1.03
<i>Rastrelliger brachysoma</i>	Short mackerel	...	...	1.61
<i>Rastrelliger kanagurta</i>	Indian mackerel	3.73	...	1.07
<i>Rastrelliger</i> spp.	Indian mackerels nei	...	...	...
Stromateidae	Butterfishes, pomfrets nei	...	...	...
<i>Pampus argenteus</i>	Silver pomfret	...	...	3.02
<i>Sphyaena jello</i>	Pickhandle barracuda	...	...	0.93

US\$/kg.						
Lao PDR	Malaysia	Myanmar	Philippines <sup>A</sup>	Singapore	Thailand	Viet Nam
...	...	...	3.57	...	...	...
...	...	...	...	6.64	5.23	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	10.77	...
...	...	...	...	...	3.85	...
...	...	...	1.94	...	...	...
...	1.59	...	...	4.38	...	...
...	2.99	...	...	...	...	...
...	4.72	...	2.39	4.18	...	...
...	...	...	...	3.76	1.54	...
...	3.02	...	...	...	...	...
...	3.24	...	...	...	...	...
...	3.36	...	...	...	...	...
...	1.95	...	...	...	...	...
...	2.15	...	...	...	...	...
...	...	...	2.28	...	...	...
...	1.58	...	...	...	...	...
...	1.55	...	...	...	...	...
...	2.95	...	...	...	4.93	...
...	...	...	...	...	5.54	...
...	...	...	...	...	...	...
...	...	...	...	...	0.92	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	2.23	...	...	...	1.54	...
...	...	...	2.50	4.46	2.00	...
...	...	...	...	10.93	...	...
...	...	...	...	...	18.47	...
...	...	...	...	...	...	...

Note: A Figures from Agricultural Marketing Statistics Analysis Division (AMSAD), BAS and conversion to US\$ is based on the exchange rate used in the ASEAN Statistics Database

### 6.1 Producer Price for Capture Fishery Production by Species, 2014 (Cont'd)

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
<i>Sphyraena barracuda</i>	Great barracuda	...	...	1.06
<i>Sphyraena</i> spp.	Barracudas nei	...	...	...
Cynoglossidae	Tonguefishes nei	...	...	...
<i>Terapon</i> spp.	Terapon perches nei	...	...	1.09
Congridae	Conger eels	...	...	...
<i>Alopias</i> spp.	Thresher sharks nei	...	...	1.29
Carcharhinidae	Requiem sharks nei	...	...	1.23
Sphyrnidae	Hammerhead sharks, etc. nei	...	...	1.47
Squalidae	Dogfish sharks nei	...	...	0.98
Lamnidae	Mackerel sharks, porbeagles nei	...	...	9.56
Pristidae	Sawfishes	...	...	0.87
Elasmobranchii	Sharks, rays, skates, etc. nei	...	...	...
Rajiformes	Rays, stingrays, mantas nei	...	...	...
<i>Rhynchobatus australiae</i>	Whitespotted wedgfish	...	...	1.17
Rhinobatidae	Guitarfishes, etc. nei	...	...	0.89
Myliobatidae	Eagle rays nei	...	...	0.90
Mobulidae	Mantas, devil rays nei	...	...	1.23
Dasyatidae	Stingrays, butterfly rays nei	...	...	1.23
-	Spotted jawfishes	...	...	...
<i>Caesio cunning</i>	Yellowtailed fusiliar	...	...	...
Osteichthyes	Marine fishes nei	...	...	1.47
<i>Penaeus merguensis</i>	Banana prawn	7.46	...	3.38
<i>Penaeus vannamei</i>	Whiteleg shrimp	...	...	...
<i>Penaeus monodon</i>	Giant tiger prawn	9.70	...	5.16
<i>Penaeus semisulcatus</i>	Green tiger prawn	...	...	...
<i>Penaeus indicus</i>	Indian white prawn	...	...	...
<i>Penaeus latisulcatus</i>	Western king prawn	...	...	...
<i>Penaeus</i> spp.	<i>Penaeus</i> shrimps nei	7.43	...	...
<i>Macrobrachium rosenbergii</i>	Giant river prawn	9.70	...	4.92
<i>Portunus pelagicus</i>	Blue swimming crab	4.48	...	2.20
<i>Scylla serrata</i>	Indo-Pacific swamp crab	3.73	...	3.21
<i>Loligo</i> spp.	Common squids nei	3.73	...	1.96
Palaemonidae	Freshwater prawns	...	...	2.87

US\$/kg.						
Lao PDR	Malaysia	Myanmar	Philippines <sup>A</sup>	Singapore	Thailand	Viet Nam
...	...	...	...	...	1.54	...
...	...	...	...	4.34	...	...
...	...	...	...	...	1.85	...
...	...	...	...	...	...	...
...	...	...	...	...	1.85	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	4.36	1.54	...
...	...	...	...	4.31	1.23	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	4.31	...
...	...	...	...	...	2.15	...
...	...	...	...	1.00	...	...
...	9.92	...	...	...	7.70	...
...	...	...	6.53	...	...	...
...	...	...	9.84	...	...	...
...	...	...	...	...	7.70	...
...	5.01	...	...	...	...	...
...	1.10	...	...	...	4.93	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	4.04	...	2.94	...	7.48	...
...	4.86	...	...	12.43	5.23	...
...	3.18	...	3.36	5.27	...	...
...	...	...	...	...	21.55	...

Note: A Figures from Agricultural Marketing Statistics Analysis Division (AMSAD), BAS and conversion to US\$ is based on the exchange rate used in the ASEAN Statistics Database

### 6.1 Producer Price for Capture Fishery Production by Species, 2014 (Cont'd)

Scientific Name	FAO English Name	Brunei Darussalam	Cambodia	Indonesia
Crustacea	Freshwater crustaceans nei	...	...	2.48
<i>Panulirus</i> spp.	Tropical spiny lobsters nei	...	...	3.89
<i>Thenus orientalis</i>	Flathead lobster	...	...	...
<i>Metapenaeus endeavouri</i>	Endeavour shrimp	...	...	...
<i>Metapenaeus</i> spp.	<i>Metapenaeus</i> shrimps nei	...	...	2.97
<i>Sepioteuthis lessonina</i>	Bigfin reef squid	...	...	...
Natantia	Natantia decapods nei	...	...	2.28
Crustacea	Marine crustaceans nei	...	...	2.08
Mollusca	Freshwater molluscs nei	...	...	0.68
Mollusca	Marine molluscs nei	...	...	2.48
Octopodidae	Octopuses nei	...	...	2.01
Brachyura	Marine crabs nei	...	...	...
Scyllaridae	Slipper lobsters nei	...	...	...
<i>Trochus niloticus</i>	Commercial top	...	...	2.02
<i>Crassostrea</i> spp.	Cupped oysters nei	...	...	1.13
<i>Perna viridis</i>	Green mussel	...	...	1.63
Pectinidae	Scallops nei	...	...	0.82
<i>Modiolus</i> spp.	Horse mussels nei	...	...	...
<i>Paphia</i> spp.	Short neck clams nei	...	...	...
<i>Anadara granosa</i>	Blood cockle	...	...	0.96
<i>Meretrix</i> spp.	Hard clams nei	...	...	0.66
Sepiidae/Sepiolodae	Cuttlefish, squids nei	...	...	...
Bivalvia	Clams nei	...	...	1.66
<i>Scleropages formosus</i>	Asian bonytongue	...	...	1.33
<i>Pristis</i> spp.	Sweetlips	...	...	2.05
<i>Rana</i> spp.	Frogs	...	...	1.97
Testudinata	River and lake turtles nei	...	...	1.85
Testudinata	Marine turtles nei	...	...	2.17
Holothuroidea	Sea cucumbers nei	...	...	5.26
<i>Rhopilema</i> spp.	Jellyfishes nei	...	...	0.19
Invertebrata	Aquatic invertebrates nei	...	...	1.09



## 7. FISHERS

## 7.1 Number of Fishers by Working Status, 2014

	Brunei Darussalam	Cambodia	Indonesia	Lao PDR
Total	528	...	2,667,440	...
Marine Fishery	433	...	2,186,900	...
Full-time	433	...	1,192,350	...
Part-time	...	...	689,740	...
Occasional	...	...	304,810	...
Status Unspecified	...	...	...	...
Inland Fishery	...	...	480,540	...
Full-time	...	...	217,930	...
Part-time	...	...	161,480	...
Occasional	...	...	101,130	...
Status Unspecified	...	...	...	...
Aquaculture	95	...	...	...
Full-time	95	...	...	...
Part-time	...	...	...	...
Occasional	...	...	...	...
Status Unspecified	...	...	...	...
Unspecified	...	...	...	...
Full-time	...	...	...	...
Part-time	...	...	...	...
Occasional	...	...	...	...
Status Unspecified	...	...	...	...



