

FISHERY STATISTICAL BULLETIN FOR
THE SOUTH CHINA SEA AREA
2007



SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER

SEC/ST/40

January 2010

Southeast Asian Fisheries Development Center (SEAFDEC)

What is SEAFDEC?

SEAFDEC is an autonomous inter-governmental body established as a regional treaty organization on 28 December 1967. In accordance with the agreement at the Second Ministerial Conference for Economic Development of Southeast Asia, held in Manila, the Philippines (April 1967), SEAFDEC was mandated to develop fisheries potential of the Southeast Asian region by rational utilization of the resources to provide food security to the people through transfer of new technologies, and to conduct research and information dissemination activities.

Membership

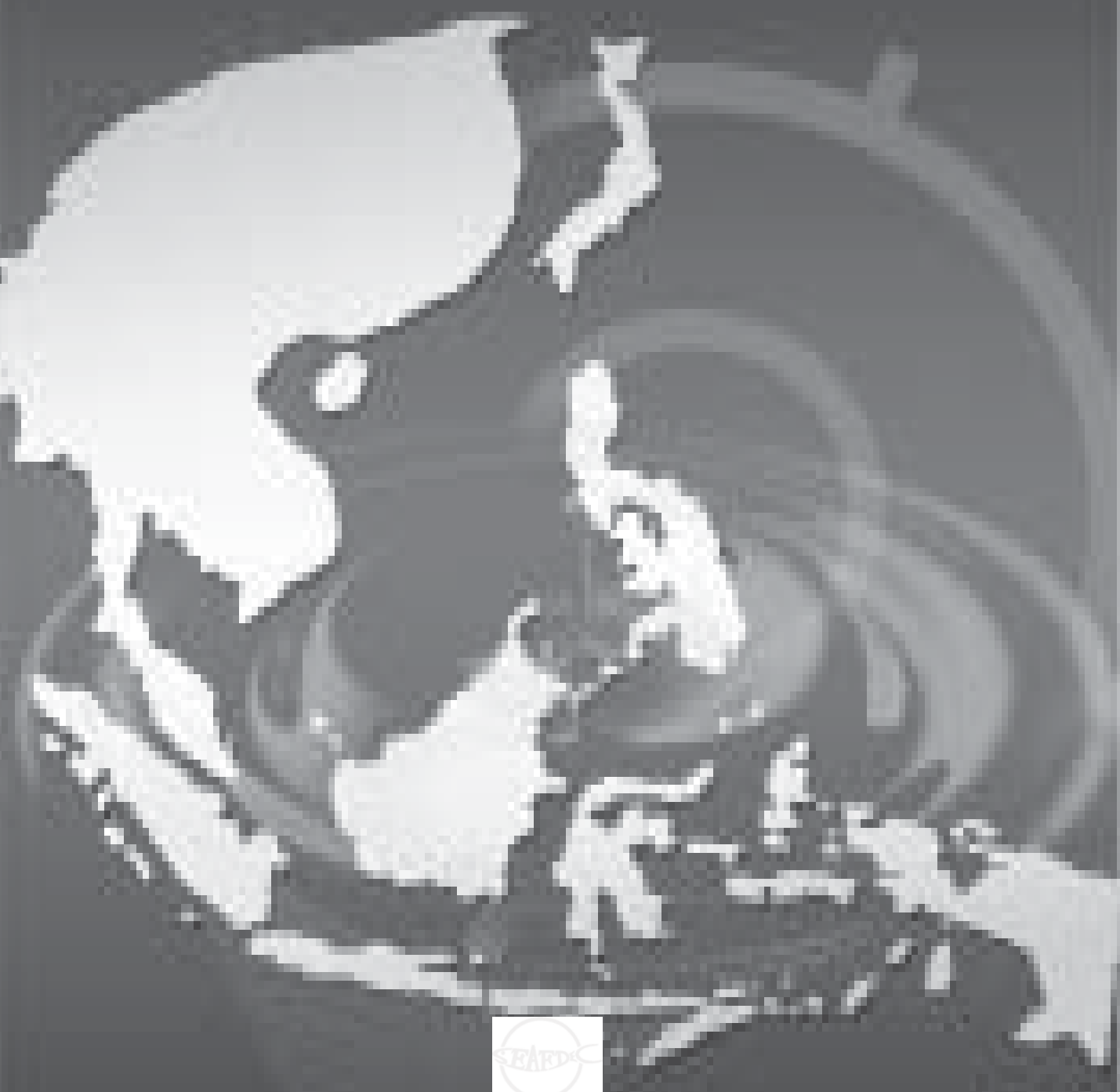
SEAFDEC comprises 11 Member Countries:
Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Vietnam.

SEAFDEC Operations

The Center operates through the Secretariat located in Thailand and has four technical Departments, namely, 1) The Training Department (TD) in Thailand, 2) the Marine Fisheries Research Department (MFRD) in Singapore, 3) the Aquaculture Department (AQD) in the Philippines, and 4) the Marine Fishery Resources Development and Management Department (MFRDMD) in Malaysia. Activities of SEAFDEC which are being undertaken in close cooperation among SEAFDEC Secretariat, Department, and its Member Countries, are aimed towards sustainable fisheries development of the Southeast Asian region.



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Southeast Asian Fisheries Development Center (SEAFDEC)

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Foreword

Fishery statistics is one of the important instruments for understanding the status and condition of the fisheries resources, which could be used as basis for the formulation of national fisheries policies as well as management frameworks and actions. The ASEAN-SEAFDEC Resolution and Plan of Action on Sustainable Fisheries for Food Security for the ASEAN Region adopted in 2001 highlighted the importance of fishery statistics by emphasizing on the need for: "Strengthening of fishery statistics and maximizing their use for fisheries planning and management, as well as development of standard definitions and classifications to facilitate regional fishery statistics and information exchanges".

In this regard, SEAFDEC in collaboration with the Member Countries has been exerting efforts to implement capacity building activities aimed at improving the respective national fishery statistical systems. Such activities were also conducted in response to the concerns of the Member Countries on the need to "improve the understanding/knowledge of fisheries and aquaculture through harmonization of standards and capacity building, better presentation of statistics and information for various user groups taking into consideration the reduction of disparity among countries.

Thus in 2008, SEAFDEC developed the new Regional Framework for Fishery Statistics of Southeast Asia to be used as guide for the compilation of statistical data for the Fishery Statistical Bulletin of Southeast Asia. In order to accommodate the aforementioned concerns, the new Framework includes major changes in terms of coverage and statistical usage to be consistent with the competence of SEAFDEC while the definitions and classifications have been standardized to be in-line with current regional requirements and harmonized with international standards. The compilation of fishery statistics from the Southeast Asian countries for SEAFDEC and FAO has also been streamlined based on the new Framework. However, in order to give ample time for the Member Countries to make the necessary adjustments in their fishery statistical compilation systems, the new Framework would be used for reporting fishery statistics to SEAFDEC and FAO for 2008 and onwards. Thus, this issue of the Bulletin would still continue to use the previous Framework for the 2007 fisheries statistical data of the Member Countries.

In early 2010, the outcomes and achievements of the regional project relevant to fishery statistics and information implemented by SEAFDEC since 2001 in collaboration with the Member Countries were reviewed. This was envisaged to pave the way for the Member Countries to provide guidance and direction on the areas that could be taken up to improve fishery statistics and information, as well as their usage to support sustainable development and management of fisheries in the Southeast Asian region. The review was also intended to streamline fishery statistics reporting to SEAFDEC and FAO and to harmonize standards, norms, classification and definitions to ease the burden of the countries in compiling the necessary statistics. Henceforth, the newly developed Framework of the Fishery Statistical Bulletin of Southeast Asia would therefore be used as basis in the streamlining of fishery statistics reporting to SEAFDEC and FAO.

As certain emerging issues and challenges are currently confronting the fisheries sector of the region, SEAFDEC would sustain its efforts in improving the regional compilation of fishery statistics and information for policy planning and management. Moreover, based on the requirements of the Member Countries, SEAFDEC would also develop the necessary inputs relevant to the improvement of the compilation of fishery statistics in the region to be raised during the upcoming ASEAN-SEAFDEC Conference on Sustainable Fisheries for Food Security Towards 2020 which will be held in June 2011.

At this juncture, as the Secretary-General of SEAFDEC, I would like to express the profound gratitude of SEAFDEC to the Member Countries for their continuing efforts in collecting the necessary data for the compilation of this Bulletin. Specifically, our gratitude also goes to the Members of the ASEAN Network for Fishery Statistics as well as the focal points in the Member Countries for their continued support in compiling the required fishery statistics and information for this publication.



Chumnarn Pongsri, Ph.D.
Secretary-General of SEAFDEC and
Chief of the SEAFDEC Training Department

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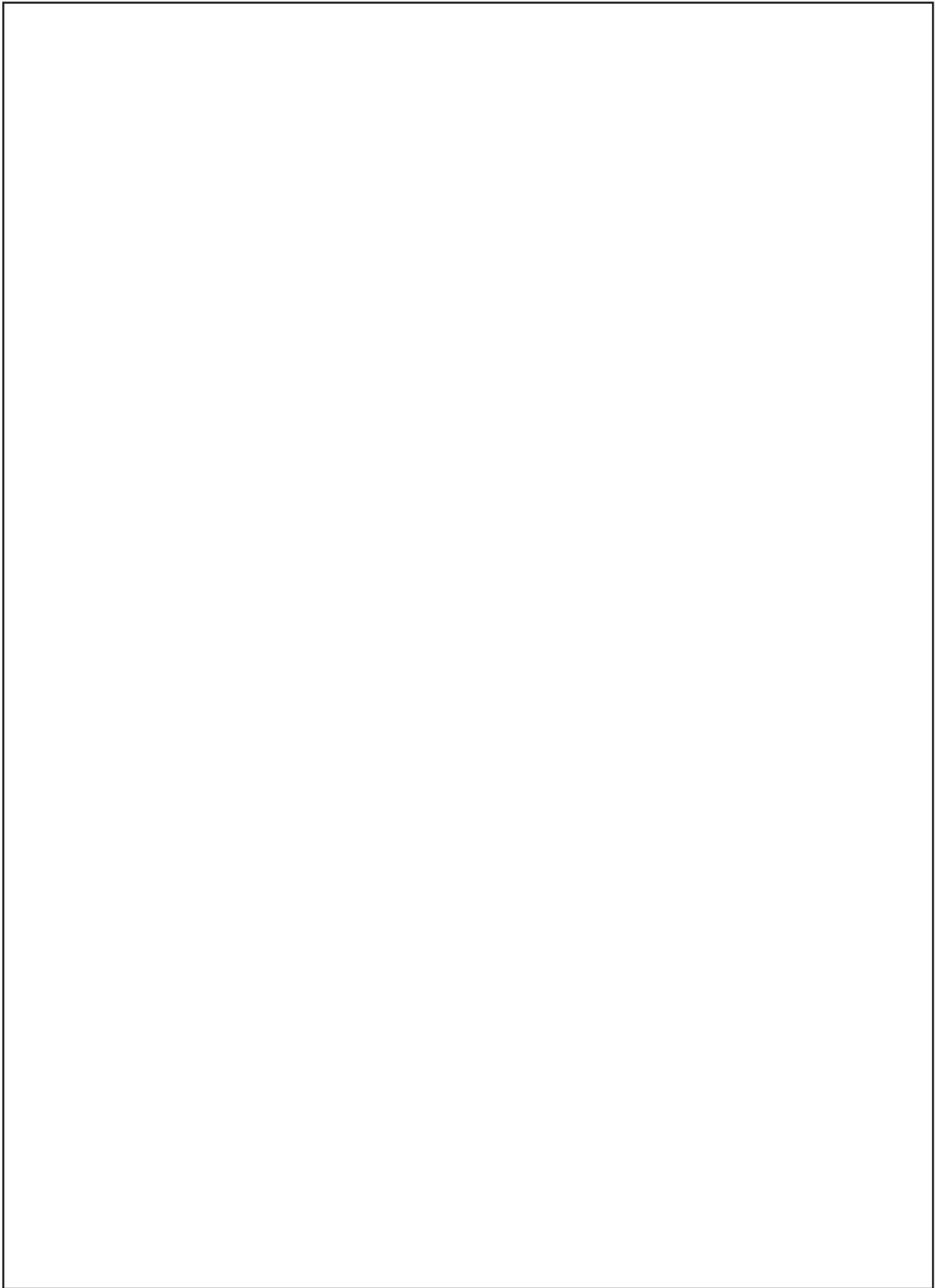
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I. EXPLANATORY NOTES

EXPLANATORY NOTES

1. GENERAL NOTES

1.1 Data Collection

The data compiled in this Bulletin are in principle based upon the returns received from countries to a questionnaire prepared by the Secretariat, Southeast Asian Fisheries Development Center (SEAFDEC).

1.2 Time Reference

Data in this Bulletin refer, in general, to the year 2005. However, in cases where a country was not able to supply the statistics of that year, the latest data available have been included in the tables.

1.3 Standard Symbols and Abbreviations

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

...	=	Not available
-	=	Magnitude zero or not applicable
0	=	Magnitude insignificant, i.e., less than half of the measurement
MT	=	Metric ton
US\$ 1,000	=	1,000 dollars in U.S. currency
No.	=	Number
Q	=	Quantity
V	=	Value
()	=	A figure (in parenthesis) given in a different unit of measurement as indicated in a footnote.

2. NOTES ON STATISTICS

2.1 General Geographic, Demographic and Economic Statistics

2.1.1 General notes

Most of the data in this section (land area, length of coastline, inland water area, population, manpower, gross domestic product, wage and price, external trade, foreign exchange rate) are collected by each country from the statistics published by its central statistical office. Statistical terms used in this section are the same as those used in the statistics of the United Nations.

2.1.2 Explanatory notes on the terms used

Water body:

See definition given in Paragraph 2.8.2 (p.x).

Population:

The data refers to mid-year population. The figure should be shown in million persons, with two digits after the decimal point.

External trade:

The coverage of the fishery commodities under this item should be the same as for the statistics on export and import of fishery commodities. Please refer to paragraph 2.13.2 (p.xv).

Foreign exchange rate:

Prevailing rate which has been used for statistical purposes for conversion of national currency into US\$.

2.2 Statistics on Fishery Production

2.2.1 Coverage and definition of fishery production

Fishery production refers to what is commonly called catches and landings. The coverage and definitions should follow the principles adopted by FAO. For details please see *FAO's Yearbook of Fishery Statistics*. The basic principles to be followed are:

- (1) Inclusion:
 - (a) The data covering all catches and landings for any commercial, industrial or subsistence purpose in freshwater, brackishwater and the South China Sea Area designated by FAO Fishing Area 71 including, not only from capture activities, but also from aquaculture activities.
 - (b) The data including all catches landed, not only in the domestic ports of the reporting country, but also landed by the domestic boats of the reporting country in foreign ports.
- (2) Exclusion:
 - (a) The data exclude all catches taken by small-scale fishermen for home consumption and sport fishing.

2.2.2 Quantity and value

(1) Fishery production in quantity

Fishery production in quantity represents the live weight equivalent of the landing, i.e. "the round, fresh" "round, whole" or "ex-water" weight equivalent of the quantities recorded at the time of landing.

(2) Fishery production in value

Fishery production in value represents the producer value equivalent of landing. This is generally estimated by multiplying quantity of catches and landings by the producer price (wholesale price at landing centers) by species.

2.2.3 Definitions of fishery sub sectors

(1) Fishery sub sectors

In this questionnaire fisheries are divided into three sub sectors i.e., marine fishery, inland fishery and aquaculture. In cases where the term "fishery" is used it includes both capture (fishing) and culture. However, when the terms marine fishery or inland fishery are used, they refer to capture (fishing) only. Brackishwater fishery is included in marine fishery.

(2) Capture (or fishing)

Capture means an economic activity to catch or collect aquatic organisms which grow naturally in public water and which are not the property of any person. The collection of shells of molluscs is also included.

(3) Culture

Culture means an economic activity to rear the young of aquatic organisms such as fry, fingerlings, oyster seeds, etc., to commercial size. In principle, culture occupies a certain water area for its operation, and is carried out with certain artificially built facilities such as ponds, fences, rafts, cages, pens, etc. The production of fry and fingerlings in hatcheries, and the collection of various shell seeds in natural waters with artificially built facilities are also included.

Unlike capture, aquatic organisms under culture operations belong to a specific person or a group of persons who manage them until they grow to commercial size. Therefore, stocking of fry and fingerlings into public waters to increase the abundance of natural fisheries resources is not regarded as culture, since such natural resources do not belong to any specific person after stocking.

(4) Marine fishery

Marine fishery is divided, in this questionnaire, into two sectors, small-scale fishery and large-scale fishery, and the distinction between them should be determined by the respective countries. It is not possible to establish common criteria to distinguish these two fisheries, as the extent of development of marine fishery differs from country to country. The national distinction between small-scale fishery and large-scale fishery should be given in a footnote. However, the concept of small-scale fishery of countries in the region is summarized in Appendix 1.

(5) Aquaculture

Aquaculture is divided into three sub sectors, i.e., mariculture, brackishwater culture and freshwater culture.

The distinction between mariculture and brackishwater culture should be based on biological characteristics;

Mariculture: Groupers, beam, snappers, oysters, mussels, cockles, other shellfish, seaweeds, etc.

Brackishwater culture: Milkfish, barramundi (seabass), prawns, etc.

2.2.4 Concept of small-scale and large-scale fisheries

In general small and large-scale fisheries correspond to so-called artisanal and industrial fisheries, respectively. Types of fishery requiring relatively less investment and generally operated by fishing households are considered small-scale fishery. Guidelines for the distinction to be used for national statistics are shown in Appendix 1.

2.2.5 Classification of fishing gear

To compile the statistics on the fishing units and marine catch by breakdown into types of fishing gear, the Regional Statistical Classification of Fishing Gear was amended as follows:

Regional Classification of Fishing Gear

Major Group	Sub-Group	Code No.
1.Surrounding Net	1) One boat purse seine	1
	2) Two boat purse seine	2
	3) Without purse line	3
2.Seine Net	1) Beach seine	4
	2) Boat seine	5

Major Group	Sub-Group	Code No.
3.Trawl	1) Otter board trawl	6
	2) Pair trawl	7
	3) Beam trawl	8
4.Gill Net		9
5.Lift Net		10
6.Trap		11
7.Hook and Line		12
8.Push Net		13
9.Shellfish and seaweed collecting gear		14
10.Others		15

Note: This Classification is used only for the compilation of the SEAFDEC Fishery Statistical Bulletin.

Type of Fishing Gear and Description

1. SURROUNDING NET

A net roughly rectangular in shape, with or without a bag, which is set vertically in the water so as to surround, from the sides and below, a school of fish generally of a pelagic nature.

This type of net is sub-divided into: one-boat purse seine, two-boat purse seine and the surrounding net without purse line which is a traditional gear in the region.

2. SEINE NET

A bag shaped net with two wings, which are normally larger than those of trawl nets, pulled toward a stationary boat or onto a beach. A seine net of a primitive nature sometimes does not have a bag. However, in as far as such a net is pulled toward a stationary boat or a beach, it is included in this category.

Seine net is sub-divided into: beach seine and boat seine. Danish seine is included under boat seine.

3. TRAWL

A conical bag shaped net with two or more wings, pulled by one or two boats for a period of time to catch mainly fish or other aquatic animals, which live directly on or near the bottom.

Trawl is sub-divided into: otter board trawl, pair trawl and beam trawl.

4. GILL NET

A net wall whose lower end is weighted by sinkers and whose upper end is raised by floats and which is set transversely to migrating fish, so that the fish trying to make their way through the net wall are entangled in the mesh.

Within this category fall: draft gill net for various pelagic species, bottom set net, shrimp encircling gill net and trammel net with three wall nets.

5. LIFT NET

A sheet of netting, usually square but sometimes conical in shape, stretched by either several rods or ropes or a frame, and set either on the bottom or in mid-water for some time and lifted to take fish above it.

Both stationary lift nets and portable lift nets are included herein.

6. TRAP

Gears that are set or stationed in the water for a certain period regardless of the kind of material used for their construction. The fish are naturally confined in a collecting unit, or units, from which escape is prevented by labyrinths and/or retarding devices such as gorges, funnels, etc.

There are various types of trap in the region i.e. the bamboo stake trap, which is installed in shallow water and bag net, which is installed in the mouth of a river.

Small traps, i.e. pots, cages, boxes, to catch crab, squid and a variety of fish are also included.

7. HOOK-AND-LINE

In general, the gear consists of line(s) and hook(s), to which edible or artificial bait is attached to attract fish or other aquatic animals. Unbaited hooks or jigs can also be used.

Pole-and-line for skipjack, bottom handline and tuna longline are included in this category.

8. PUSH NET

A triangular net with a fixed or variable opening pushed forwards. It can be operated in shallow water by a person or from a boat. Some large-scale push nets are operated by powered boats to capture small fish or shrimp near the coast.

9. SHELLFISH AND SEAWEED COLLECTING GEAR

All manual gear and complex devices which are used for collecting shellfish and seaweed, regardless of the type of material used for their construction. When the manual gear is 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 gear and methods which are not specified elsewhere, including cast net, drive-in-net, portable scoop net, hand hooks, harpoons and spears, etc.

2.2.6 Sub-areas for marine fishery statistics

Countries and sub-areas to be used in marine fishery statistics, including brackishwater culture statistics, are as follows:

1. Brunei
2. Cambodia
3. Hong Kong

4. Indonesia
 - (1) South Coast of Sumatra
 - (2) South Coast of Java
 - (3) Malacca Strait, Coast of Sumatra
 - (4) East Coast of Sumatra
 - (5) North Coast of Java
 - (6) Bali and Nusa Tenggara
 - (7) Kalimantan
 - (8) Sulawesi
 - (9) Maluku and Irian Jaya
5. Malaysia
 - (1) Peninsular Malaysia
 - (2) Sabah
 - (3) Sarawak
6. Myanmar
7. Philippines
 - (1) Luzon
 - (2) Visayas
 - (3) Mindanao
8. Singapore
9. Taiwan
10. Thailand
 - (1) Gulf of Thailand
 - (2) Indian Ocean
11. Vietnam

2.3 Statistics on Fishing Establishments

2.3.1 Definition of fishing establishment

An establishment is generally used as a statistical unit in censuses and surveys relating to industries other than agriculture. It is also recognized as the most convenient statistical unit for gathering information for the national account and for other economic activities.

A fishing establishment, for statistical purposes, is a techno-economic unit of fishery production under a single management. A fishing establishment is generally managed by a single ownership of property such as fishing boats, gear, etc., and by employing its own fishing works.

A fishing establishment may be operated by a person or a household, jointly, by two or more persons or households (partnership), or by a manager or director on behalf of a corporation, cooperative or government agency.

A fishing household is the common type of management of the establishments in the region. A fishing household operates with its own fishing boat(s) and fishing gear and with family members only or hired worker(s).

2.3.2 Classification of fishing establishments

- (1) By type of management

Type of management for fishing establishments are classified into: (a) individual management, (b) joint management, (c) cooperative society (d) private company, (e) state company, and (f) others. Their definitions are as follows:

- (a) Individual management refers to a fishery undertaking which is managed by an individual person on his own account.

- (b) Joint management refers to a fishery undertaking which is managed by a group of persons, who share either capital or fishing facilities, fishing boat, fishing gear, etc. This includes cases where more than two individual fishing households share their fishing boats and gear, and make up a fishing unit to carry out fishing operations for a certain period.
- (c) Cooperative society refers to a fishery undertaking which is managed by a fishery cooperative society. A fishery cooperative society is organized by a group of fishermen, in accordance with the national law, and registered with the government.
- (d) Private company and state company refer to fishery undertakings which are managed by a private company or a company owned by the government, respectively. A joint venture associated with a foreign investor is considered either as a private company or as a state company according to its status.
- (e) The category "others" includes, mainly, government institutions such as fisheries research stations, fisheries schools, etc., where the catch of a fishing boat belonging to the institution is sold.

(2) By size of management

Size of management of fishing establishments is classified by type and size of operators' fishing boats into the classes shown in the table in the questionnaire. Where a management has more than one fishing boat, each boat should be included in the total gross tonnage corresponding to its size.

2.4 Statistics on Fishing Boat

2.4.1 Coverage of fishing boats

(1) Inclusion:

The statistics should cover annual data on the fishing fleet engaged in commercial and subsistence operations for fishing in marine and brackishwater areas.

All boat used in fishing, whether registered with the government or not, should be included. A raft which is used in fishing should also be included.

The statistics should also cover fish factory ships, mother ships of fishing expeditions and auxiliary vessels such as fish carriers and fish transport boats. However, a carrier which is used exclusively as a fish carrier is excluded.

- (2) The statistics should exclude fishing boats engaged in aquaculture in freshwater, brackishwater and marine areas. Fishing boats engaged in fishing in freshwater areas should also be excluded.

Boats used exclusively for sport fishing, state operated fishery patrol boats, fishery protection boats, and similar types of boat should be excluded.

2.4.2 Classification of fishing boats

Fishing boats are classified into the classes given in Table 3.3 of the questionnaire, in which there are three broad categories i.e., non-powered boats, out-board powered boats and in-board powered boats, the in-board powered boats being further classified by its Gross Tonnage. Tonnage is expressed uniformly in Gross Tonnage. When a unit other than Gross Tonnage is used

to measure the size of fishing boat, it has to be converted into Gross Tonnage. Although the method of measurement of the tonnage of fishing boat varies from country to country, data should be based on the national measurement.

2.5 Statistics on Fishermen

2.5.1 Coverage of fishermen

(1) Inclusion:

The statistics should cover all commercial and subsistence fishermen operating in marine and brackishwater areas for catching and landing all aquatic animals and plants.

The statistics should also cover fishermen employed on fish factory ships, mother ships of fishing expeditions and on auxiliary vessels such as fish carriers and fish transport boats.

(2) Exclusion:

The statistics should exclude fishermen engaging in aquaculture in freshwater, brackishwater and marine areas. Fishermen engaged in freshwater areas should also be excluded.

The statistics should exclude sport fishermen, the crews employed on state-operated fishery patrol boats, fishery protection boats, and similar types of boat.

2.5.2 Classification and definitions

The statistics on numbers of fishermen by working status should be based on the following three main categories :

- (1) Fully engaged in fishing
- (2) Mainly engaged in fishing
- (3) Partly engaged in fishing

These categories are defined as follows:

- | | | |
|-------------------------------|---|--|
| (1) Fully engaged in fishing | : | Fishermen who spend all of the their working time fishing |
| (2) Mainly engaged in fishing | : | Fishermen who spend a major part of their working time fishing |
| (3) Partly engaged in fishing | : | Fishermen who spend a minor part of their working time fishing |

2.6 Statistics on Fishing Units

2.6.1 Definition of a fishing unit

A fishing unit means the smallest unit for a fishing operation which generally consists of a fishing boat, fishermen and fishing gear. In cases where two fishing boats are jointly operated in fishing as pair trawlers 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 for the same year if it uses different

kinds of fishing gear in separated seasons. For instance, in cases where a fishing boat operates trawl fishing half a year and gill net fishing in the other half year, the fishing boat is regarded as two fishing units. Fishing units are generally counted by type of fishing gear.

2.6.2 Coverage of fishing units

The statistics should cover the annual data of fishing units operated in marine and brackishwater areas.

Fishing units which operate without boats and with non-powered boats are excluded.

2.6.3 Classification of a fishing unit

Fishing units are classified by the type and size of fishing boat. In cases where a fishing unit is operated with more than two fishing boats such as pair trawl and two-boat purse seine, the size is represented by the tonnage of the major single fishing boat among the boats employed. The type of fishing gear is based on the national classification. The code number of the Regional Classification of Fishing Gear should be indicated next to the type of fishing gear. Please see the code numbers in sub-paragraph 2.2.5.

2.7 Statistics on Catch of Marine Fishery

2.7.1 Coverage of catch marine fishery

The coverage of catch of marine fishery is the same as mentioned previously in sub-paragraph 2.2.1.

2.7.2 Classification and definition

(1) Catch by type of fishing gear

The catch is broadly classified into the following categories and then further classified into detailed types of fishing gear for each category:

1. Large-scale fishery
2. Small-scale fishery

The distinction between the above categories is determined by the respective countries as shown in Appendix 1. The types of fishing gear are based on the national classification, and all major types of fishing gear in both large-scale fishery and small-scale fishery should be given in as much detail as possible. The code number of the Regional Classification of Fishing Gear should be indicated for each type of fishing gear. See the code numbers in sub-paragraph 2.2.5.

If a country does not have catch statistics broken down by type of fishing gear, the sub-totals for large-scale fishery and small-scale fishery should be given. If, however a country does not have the sub-totals for large-scale fishery and small-scale fishery, it is requested that the total quantities and values by species be filled out in Table 3.6.

(2) Catch by species

The catch statistics should be broken down by species. The standard statistical classification of marine species was amended based on a proposal made during the Seventh Regional Workshop on Fishery Statistics which has since been revised by taking into account comments from the member countries after the Workshop, as shown in Appendix 2.

2.8 Statistics on Inland Fishery

2.8.1 Coverage of inland fishery

The statistics should cover the annual data of commercial and subsistence operations for catching and landing all aquatic animals and plants in freshwater areas. Aquaculture operation in freshwater areas is excluded from this category because it is treated as an independent sector of freshwater culture.

2.8.2 Classification and definition

(1) Water body

The statistics on inland fishery production should be presented for the following four types of water body:

- (a) Reservoir
- (b) Lake
- (c) River
- (d) Others

The definitions of the above water bodies are as follows:

- (a) Reservoir :
Man-made still water body commonly called a reservoir, artificial lake, water tank, water pool, pond, etc., used for purposes of irrigation, hydropower generation, etc.
- (b) Lake :
Natural still water body commonly called a lake, marsh, etc.
- (c) River :
Running water body commonly called a river, drainage canal, irrigation canal, etc.
- (d) Others :
Any water bodies other than above. A paddy field is included in this category.

(2) Freshwater species

The statistics on inland fishery production should be broken down by species. The list of freshwater species is given in Appendix 3.

2.9 Statistics on Aquaculture

In order to analyze the statistical data for each major species, the statistical tables in mariculture, brackishwater culture, and freshwater culture were amended as shown in Table 6.1 to 6.3 of the questionnaires.

Classification and definitions

(1) Aquaculture

See definition of this sub sectors given in sub-paragraph 2.2.3

(2) Type of culture

The statistics should be based on the type of culture categorized by the method of culture. The national statistical classification should be used in filling in this questionnaire since the regional classification has not yet been established. However, the type of culture may be summarized as follows:

Mariculture :

Oyster culture with raft,
Oyster culture with rack,
Oyster culture with longline,
Oyster culture with stone,
Fish culture in pond surrounded by dike,
Fish culture in pond surrounded by net, etc.
Seaweed culture with longline.

Brackishwater culture and freshwater culture :

Name of major species and type of culture (pond culture, pen culture, cage culture, paddy field culture, etc.).

(3) Number of fish farms by type of culture

Fish farm refers to a management unit, which operates aquaculture in freshwater, brackishwater and marine areas. In most cases, in this region, a fish farm is operated by an individual household as a management unit.

(4) Cultural areas

Areas under culture refers to the areas of culture facilities, and includes the water surface area as well as the area of dike surrounding the water area.

(5) Workers

Workers, under this item, refers to persons who engage in the work of aquaculture such as repairing ponds, water supply, feeding, etc. But, a person who is engaged exclusively in management, such as planning and counting, is excluded.

As the number of workers engaged in aquaculture often varies according to the season, only the workers who full-time engage in aquaculture are counted in compiling the statistics on the number of workers. This means that the number of workers shows the operational size of the establishment.

(6) Yield by species

The yield (production) from aquaculture should be broken down by species. The listing of species for mariculture, brackishwater culture and freshwater culture are shown in Table 6.1, 6.2 and 6.3, respectively. These follow the lists of marine and freshwater species, which are attached as Appendix 2 and 3.

2.10 Statistics on Price of Fresh Fish

2.10.1 Coverage

Statistics cover fresh fish only, which includes marine and freshwater fish, with the exclusion of processed fish.

2.10.2 Definition of price

Two kinds of prices apply in this questionnaire, i.e. producer price and consumer price. The producer price refers to the price, which is realized at wholesale markets, or landing centers where producers sell their catch. The price is determined (there) by means of auction, negotiation

between producers and wholesalers or middlemen, etc. The price of the same species of fish may vary in different fish markets. The name of the fish market selected should be given in a note.

The consumer price refers to the price, which is charged at retail shops where consumers buy the fish.

2.10.3 Unit of price

Both the producer price and consumer price should be given in US dollar per kilogram of fresh fish by species and size. The figures should include two digits after the decimal point.

The species and size should follow the national classification. However, the code number of the Regional Classification should be indicated next to the name of the species. The code numbers are shown in the lists of marine and freshwater species. See Appendix 2 and 3.

2.11 Statistics on Disposition of Catch

2.11.1 Coverage

The statistics should cover the disposition of the quantities of annual catch or landing of all aquatic animals made by both commercial and subsistence fishermen operating in freshwater, brackishwater and marine areas. The disposition of quantities produced through aquaculture should also be included.

2.11.2 Classification and definitions

The SEAFDEC standard statistical classification of Fishery Products on Disposition of Catch was revised based on a proposal submitted during the Regional Workshop on Fishery Information and Statistics in Asia in 1994, to meet the development of fishery products in the region, and to make the standardization of classification and format of compilation of data needed to enhance fisheries research information in the region.

The statistics should be based on three fishery sub-sectors, i.e. marine fishery, inland fishery and aquaculture according to the following broad category:

Disposition	Type of Commodity produced
1. Live fish	Live products: live for human consumption, fry and fingerling for aquaculture
2. Fresh fish	Fresh products: fresh, chilled or iced, round or dressed, fish fillets, cuttles, etc., for human consumption.
3. Frozen	Frozen products: frozen, round or dressed, fish fillets, cuttlets, etc.
4. Canned	Canned products: processed and sealed hermetically in can containers.
5. Dried	Dried products: commonly described as salted dried productd, e.g. dried fish/squid, etc.
6. Smoked	Smoked products: smoke fish, etc.

Disposition	Type of Commodity produced
7. Boiled	Boiled products: processed either by cooking in boiling water or in steam.
8. Fermented	Fermented products: fermented fish/squid, fish/shrimp paste, fish sauce, etc.
9. Cured	Cured products: processed by picking or salting without drying, e.g. cured fish.
10. Comminuted	Comminuted products: 1) Frozen surimi 2) Other comminuted products: fish jelly products, fish ball, fish cake, fish/prawn sausages and burgers, etc.
11. Reduction	Fish oils: edible and inedible oils; meals and fertilizers.
12. Powered/flaked	Powered products: fish floss, prawn dust, granulated or flaked products.
13. Others	Other fish products: include crackers made from prawn, squid or fish; barbecued fish (satay), prepared cuttlefish and seaweed, and products not described above

2.11.3 Quantities

All quantities should be expressed on a live-weight basis.

2.12 Statistics on Fish Processing

2.12.1 Coverage

The statistics should cover the processing establishments, and their products, of all aquatic animals produced in freshwater, brackishwater and marine areas. The raw materials of commodities, whether from domestic or imported products, should be indicated.

The statistics on processing establishments should include companies, cooperatives, households, etc., which preserve and process aquatic animals, regardless of the size of the operation. However, a household, which processes exclusively for own-consumption is excluded, and only households processing to sell the products are included.

2.12.2 Classification and definition

The SEAFDEC standard classification of Fishery Products was amended at the Sixth Regional Workshop on Fishery Statistics in 1986 and also at the Regional Workshop on Fishery Information and Statistics in Asia in 1994, the classification of Fishery products on Fish Processing was revised again to meet the development of fishery products in the region.

The statistics should be based on the following eleven groups of commodities:

Group of commodities	Type of commodities
1. Frozen	Frozen products: frozen, round or dressed, fish fillets, cuttles, etc.
2. Canned	Canned products: processed and sealed hermetically in can containers.
3. Dried	Dried products: commonly described as salted dried products, e.g. dried fish/shrimp/squid etc.
4. Smoked	Smoked products: smoked fish etc.
5. Boiled	Boiled products: processed either by cooking in boiling water or in steam
6. Fermented	Fermented products: fermented fish/squid, fish/shrimp paste, fish sauce, etc.
7. Cured	Cured products: processed by picking or salting without drying, e.g. cured fish
8. Comminutes	Comminuted products: 1) Frozen surimi 2) Other comminuted products: fish jelly products, fish ball fish cake, fishprawn sausages and bugers, etc.
9. Reduction	Fish oils: edible and inedible oils; fish meals and fertilizers.
10. Powered/flaked	Powered products: fish floss, prawn dust, granulated or flaked products.
11. Others	Other fish products: included crackers made from prawn, squid or fish; barbecured fish (satay), prepared cuttlefish and seaweed, and products not described above

2.12.3 Counting principles for the number of processing establishments

The number of processing establishments is generally counted by the groups of commodities. Therefore, for a processing establishment which processes more than two groups of commodities, the establishment is counted in the number for each group of commodities. The total number of establishments is obtained as a result of accumulation of the numbers counted for each group of commodities. This means that the total numbers do not always show the actual number of establishments.

2.12.4 Quantity

The quantities of the processed products are expressed in net weight in metric ton.

2.13 Statistics on Exports and Imports of Fishery Commodities

2.13.1 Coverage

The statistics cover the quantities and values of annual exports and imports of all fishery commodities ranging from live fish to preserved and processed commodities.

In accordance with the internationally recommended practice, export statistics include fish caught by domestic fishing boats, whether or not processed on board, landed in foreign ports; import statistics include fish caught by foreign fishing boats, whether or not processed on board, landed in domestic ports.

2.13.2 Classification and definition

The statistics should be based on the following six commodities:

- (1) Fish, crustaceans and molluscs: fresh, frozen, dried, salted or smoked.
- (2) Fish, crustacean and mollusc products and preparations, whether or not in airtight containers.
- (3) Oils, fats, waxes, etc., of aquatic animal origin.
- (4) Animal feeding stuffs and fertilizers of aquatic animal origin.
- (5) Miscellaneous products of aquatic animal origin.
- (6) Products of aquatic plant origin.

The statistical tables on Exports and Imports by Fishery commodity were revised by breaking down into item 6. Products of aquatic plant origin to be divided into 601-Agar agar flakes, 602-Red seaweeds/products and 603-Miscellaneous products of aquatic plant origin regarding high volume, value and popularity of Red seaweeds/products at present as proposed at the Regional Workshop on Fishery Information and Statistics in Asia in 1994.

The list of fishery commodities for export and import statistics is attached as Appendix 4. It was compiled for the Bulletin on the basis of the International Standard Statistical Classification of Fishery Commodities (ISSCFC)

2.13.3 Data source

Data on export and import statistics are generally obtained from a report on foreign trade statistics compiled by a national customs office. To prevent errors in collection and grouping during compilation of the statistics on fishery commodities, it should be noted that such reports of foreign trade statistics cover not only fishery commodities but also all kinds of other commodities, and that the classification system, which is based on the Brussels Tariff Nomenclature, is different from that of ISSCFC.

APPENDIX 1 Guidelines on Distinction between Small-scale and Large-scale Fisheries

Countries	Small-scale Fisheries	Commercial Fisheries
Brunei Darusslaam	Small-scale /artisanal fisheries: Operating in all zones but concentrating in Zone1.	Industrial fisheries: a) Trawlers less than 350hp operating in zone 2. b) Purse seiners less than 20m operating in zone 2. c) Trawlers with 350-550 hp operating in zone 3. d) Purse seiners with 20-30 m operating in zone 3. e) Pure seiners more than 30m 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	Small+scale fisheries: a) Outboard engines less than 10hp or 5 gt operating in zone1. Trawls, purse seines and gill nets are not allowed, except for purse seine with a head rope less than 120 m. b) Inboard engines less than 50hp or 25gt operating in zone 2. Trawl and purse seine are not allowed, except purse seine with a head rope less than 300m.	Industrial fisheries: a) Inboard engine less than 200hp or 100gt operating in zone3. Purse seining is allowed, except those with a head rope less than 600m. b) All fishing vessels and fishing gear operating in zone 4.
Malaysia	Traditional fisheries: small-scale fisheries using traditional fishing gears (i.e. other than trawls and purse seines) with vessels less than 10gt 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 40gt operating in zone 2. b) With vessels from 40-70gt operating in zone 3. c) With vessels above 70gt operating in zone 4.
Myanmar	Municipal fisheries: small-scale fisheries with vessels of less than 3 gt operating in zones 1 and 2	Industrial fisheries: vessels more than 30 ft or using more than 12 Hp engines operating in Zone 2.
Philippines	Municipal fisheries: small-scale fisheries vessels of less than 3 GT operating in Zones 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.
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.
Vietnam	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

APPENDIX 2 List of Marine Species

ISSCAAP		SEAFDEC		Family/Scientific name	
Division	Group	Code No.	Name		
2. Diadromous	24. Shads, milkfish, etc.	2401	1. Shads	Clupeidae - <i>Anodonthoma chacunda</i> - <i>Pellona ditchela</i>	
		2402	2. Milkfish	Chanidae - <i>Chanos chanos</i>	
	25. Miscellaneous	2501	1. Barramundi	Centropomidae - <i>Lates calcarifer</i>	
3. Marine fishes	31. Flounders, halibuts, soles, etc.	3101	1. Flounders	Bothidae	
		3102	2. Indian halibuts	Psettodidae	
		3103	3. Tongue soles	Cynoglossidae	
		3104	4. Soles	Soleidae	
	33. Red fishes, basses, congers, etc.	3301	3301	1. Marine catfishes	Ariidae
			3302	2. Catfishes eels	Plotosidae - <i>Plotosus</i> spp.
		3303	3303	3. Lizard fishes	Synodontidae - <i>Saurida</i> spp. - <i>Trachinocephalus myops</i>
			3304	4. Sharp-toothed pike eels, conger eels	Muraenesocidae - <i>Muraenox</i> spp. (including Congridae, Muraenidae and Synbranchidae)
		3305	5. Groupers	Serranidae - <i>Epinephelus</i> spp., <i>Plectropomus</i> spp.	
		3306	6. Sillago whittings	Sillaginidae	
		3307	7. Red snappers	Lutjanidae - <i>Lutjanus</i> spp. (<i>L. argentimaculatus</i> , <i>L. sabae</i> , <i>L. malabaricus</i> , <i>L. sanguineus</i> , <i>L. altifrontalis</i> , <i>L. bohar</i>)	
		3308	8. Other snappers	Lutjanidae - <i>Lutjanus</i> spp. (<i>L. johni</i> , <i>L. vitta</i> , <i>L. russelli</i> , <i>L. lineolatus</i> , <i>L. lutjanus</i> , <i>L. fulviflamma</i> , <i>L. monostigma</i> , <i>L. kasmira</i> , <i>L. vaigiensis</i>) - <i>Pristipomoides</i> spp.	
		3309	9. Fusilliers	Lutjanidae - <i>Caesio</i> spp.	
		3310	10. Threadfin breams	Nemipteridae - <i>Nemipterus</i> spp. (including <i>Scolopsis</i> spp.)	
3311	11. Pony fishes	Leiognathidae			
3312	12. Grunters & sweetlips	Pomadasyidae			
3313	13. Drums & croakers	Sciaenidae			
3314	14. Goatfishes	Mullidae - <i>Upeneus</i> spp.			

APPENDIX 2 List of Marine Species (continued)

ISSCAAP		SEAFDEC		Family/Scientific name
Division	Group	Code No.	Name	
3. Marine fishes (continued)	33. Red fishes, basses, congers, etc.	3315	15. Emperor breams	Lethrinidae - <i>Lethrinus</i> spp. (including <i>Gymnocranius</i> spp.)
		3316	16. Big-eye snappers	Priacanthidae - <i>Priacanthus</i> spp.
		3317	17. Breams	Sparidae
		3318	18. Horseheads	Branchiostegidae
		3319	19. Rabbitfishes	Siganidae - <i>Siganus</i> spp.
		3320	20. Other species	Main group to mbe indicated, if possible
	34. Jacks, mullets, sauries, etc.	3401 3402 3403 3404 3405 3406 3407 3408 3409 3410 3411 3412	1. Halfbeaks and needlefishes	Exocoetidae - <i>Hemirhamphus</i> spp. (including <i>Cypselurus</i> spp.)
			2. Barracudas	Belonidae - <i>Tylosurus</i> spp.
			3. Mulletts	Sphyraenidae - <i>Sphyraena</i> spp.
			4. Threadfins	Mugilidae
			5. Round scads	Polynemidae
			6. Jacks, cavalla, trevallies	Carangidae - <i>Decapterus</i> spp. Carangidae - <i>Caranx</i> spp. - <i>Gnathonodon speciosus</i> (including <i>Alectis</i> spp., <i>Atropus atropus</i> , <i>Caranx chrysophrys</i> , <i>C. malabaricus</i> , <i>C. ignobilis</i>)
			7. Selar scads	Carangidae - <i>Selar crumenophthalmus</i> , <i>Selaroides leptolepis</i> (including <i>Alepes</i> spp., <i>Selar</i> spp.)
			8. Hardtail scad	Carangidae - <i>Megalaspis cordyla</i>
			9. Queenfishes	Carangidae - <i>Scomberoides</i> (= <i>Chorinemus</i>) spp.
			10. Black pomfret	Formionidae - <i>Formio niger</i>
			11. White pomfret	Stromateidae - <i>Pampus argenteus</i> (including <i>Pampus chinensis</i>)
			12. Other species	Main groups to be indicated, if possible
35. Herrings, sardines, anchovies, etc.	3501 3502 3503 3504 3505	1. Sardines	Clupeidae - <i>Sardinella</i> spp.	
		2. Round herring	Clupeidae - <i>Dussumieria acuta</i>	
		3. Anchovies	Engraulidaw - <i>Stolephorus</i> spp.	
		4. Clupeoids	Clupeoidei	
		5. Wolf herring	Chirocentridae- <i>Chirocentrus dorab</i>	
36. Tunas	3601 3602 3603 3604 3605 3606	1. Skipjack tuna	Scombridae - <i>Katsuwonus pelamis</i>	
		2. Yellowfin tuna	Scombridae - <i>Thunnus albacares</i>	
		3. Big-eye tuna	Scombridae - <i>Thunnus obesus</i>	
		4. Longtail tuna	Scombridae - <i>Thunnus tonggol</i>	
		5. Albacore	Scombridae - <i>Thunnus alalunga</i>	
		6. Eastern little tuna	Scombridae - <i>Euthynnus affinis</i>	

APPENDIX 2 List of Marine Species (continued)

ISSCAAP		SEAFDEC		Family/Scientific name
Division	Group	Code No.	Name	
3. Marine fishes (continued)	36. Tunas	3607	7. Frigate and bullet tuna	Scombridae - <i>Auxis thazard</i> , <i>A. rochei</i>
		3608	8. Indo-Pacific swordfish, sailfishes and marlins	Istiophoridae - <i>Istiophorous</i> spp. Xiphiidae - <i>Xiphias</i> spp.
		3609	9. Narrow-barred king mackerel	Scombridae - <i>Scomberomorus commerson</i>
		3610	10. King mackerels	Scombridae - <i>Scomberomorus guttatus</i> , <i>S. lineolatus</i>
	37. Mackerels	3701	1. Indian mackerels	Scombridae - <i>Rastrelliger kanagurta</i> (including <i>R. brachysoma</i>)
		3702	2. Indo-Pacific mackerels	Scombridae - <i>Rastrelliger brachysoma</i>
		3703	3. Hairtails	<i>Trichiuridae</i>
	38. Sharks & Rays	3801	1. Sharks	Carcharhinidae, Sphyrnidae, Orectobidae, etc.
		3802	2. Rays	Trygonidae, Sphyrnidae, Myliobatidae, etc.
	39. Miscellaneous	3901	1. Miscellaneous	Mixed species
3902		2. Trash fish		
4. Crustaceans	42. Crabs	4201	1. Swimming crab	Portunidae - <i>Portunus</i> spp.
		4202	2. Mangrove crab	Portunidae - <i>Scylla serrata</i>
	43. Lobster	4301	1. Spiny lobsters	Palinuridae - <i>Panulirus</i> spp.
		4302	2. Slipper lobster	Scyllaridae - <i>Thenus orientalis</i>
	45. Shrimps, prawns, etc.	4501	1. Tiger prawn	Penaeidae - <i>Penaeus monodon</i>
4502		2. Penaeid prawn	Penaeidae - <i>Penaeus</i> spp. - <i>Metapenaeus</i> spp. - <i>Parapenaeopsis</i> spp.	
4503	3. Other prawns	Penaeidae - <i>Acetes</i> spp. Solenoceridae - <i>Solenocera</i> spp.		
47. Miscellaneous marine crustaceans	4701	1. Miscellaneous	Mixed species	
5. Molluscs	53. Oysters	5301	1. Flat oysters	Ostreidae - <i>Ostrea</i> spp.
			2. Cupped oyster	Ostreidae - <i>Crassostrea</i> spp.
	54. Mussels	5401	1. Sea mussels	Mytilidae - <i>Mytilus</i> spp., <i>Perna</i> spp., <i>Modiolus</i> spp., <i>Glauconome</i> spp.
	55. Scallops, pectens, etc.	5501	1. Scallops	Pertinidae
56. Cockles, clams, etc.	5601	1. Blood cockles	Arcidae - <i>Anadara</i> spp.	
	5602	2. Clams and cone shells	Mactridae, Veneridae, Tridacnidae, Conidae	

APPENDIX 2 List of Marine Species (continued)

ISSCAAP		SEAFDEC		Family/Scientific name
Division	Group	Code No.	Name	
5. Molluscs (continued)	57. Cuttlefishes, Squids and Octopuses	5701 5702 5703	1. Cuttlefishes 2. Squids 3. Octopuses	Sepidae, Sepiolidae Loliginidae - <i>Loigo</i> spp. Octopodidae - <i>Octopus</i> spp.
	58. Miscellaneous marine molluscs	5801	1. Miscellaneous	Other molluscs
7. Miscellaneous aquatic animals	72. Turtles and other reptiles	7201	1. Sea turtles	Chelonia
	75. Sea urchins, Sea cucumbers and other echinoderms	7501 7502	1. Sea urchins 2. Sea cucumbers	Echinoidea Holothurioidea
	76. Miscellaneous aquatic invertebrates	7601	1. Jellyfishes	<i>Rhopilema</i> spp.
	77. Miscellaneous aquatic animals	7701	1. Miscellaneous aquatic animals	Invertebrata
8. Miscellaneous aquatic animal products	81. Mother of pearl, shells, etc.	8101 8102	1. Mother of pearl 2. Other shells	Pearls oyster shells Ex Mollusca
	82. Corals	8201	1. Corals	Faviidae
	83. Sponges	83010	1. Sponges	Spongidae
9. Aquatic plants	91. Brown seaweed	9101	1. Brown seaweed	Phaeophyceae
	92. Red seaweed	9201	1. Red seaweed	Rhodophyceae
	93. Green seaweed	9301	1. Green seaweed	Chlorophyceae
	94. Miscellaneous aquatic plants	9401	1. Miscellaneous aquatic plants	Algae

APPENDIX 3 List of Freshwater Species

ISSCAAP		SEAFDEC		Common Name	Scientific Name
Division	Group	Code No.	Name		
1. Freshwater Fish	11. Carps, barbels and cyprinids	111	1. Carps, barbels and other cyprinids (Cyprinidae)	(i) Common carp (ii) Chinese carp Silver carp Grass carp Big head carp Mud carp (iii) Local carps (iv) Edible gold fish	<i>Cyprinus carpio</i> <i>Hypophthalmichthys molitrix</i> <i>ctenopharyngodon idellus</i> <i>Aristichthys nobilis</i> <i>Cirrhinus molitorella</i> <i>Puntius gonionotus</i> and other <i>Puntius</i> spp., <i>Leptobarbus</i> spp., <i>Tor</i> spp. <i>Osteochilus</i> spp. and <i>Hampala</i> spp. <i>Carassius auratus</i>
	12 Tilapia and other cichlids	121	1. Tilapia and other cichlids (Cichlidae)	Tilapia	<i>Tilapia mossambica</i> <i>T. nilotica</i> and others
	13. Miscellaneous freshwater fish	131 132 133 134 135 136	1. Catfishes 2. Eel: (Flutidae) 3. Eel: (Anguillidae) 4. Gouramis (Anabantidae); Climbing perch 5. Snakehead 6. Miscellaneous freshwater fish	Freshwater catfishes Swamp-eel Freshwater eel (i) Giant gourami (ii) Kissing gourami (iii) Sepat Siam (iv) Climbing perch Snakehead (i) Featherback (ii) Gobies (iii) Grey mullet (iv) Milkfish	<i>Clarius</i> spp., <i>Pangasius</i> spp., <i>Wallago</i> spp. and <i>Macrones</i> spp., or <i>Mystus</i> spp. <i>Fluta alba</i> <i>Anguilla</i> spp. <i>Osphronemus goramy</i> <i>Helostoma temminckii</i> <i>Trichogaster pectoralis</i> <i>Anabus testudineus</i> <i>Ophiocephalus</i> spp. <i>Notopterus chitala</i> <i>Notopterus notopterus</i> <i>Oxyeleotris marmoratus</i> and other Eleotrids <i>Mugil cephalus</i> and <i>Mugil</i> spp. <i>Chanos chanos</i>
4. Crustaceans	41. Freshwater crustaceans	411	1. Freshwater crustaceans	(i) Giant freshwater prawn or river prawn (ii) other prawns and shrimps	<i>Macrobranchium rosenbergii</i> <i>Palaemon</i> spp., <i>Athya</i> spp., <i>Caradina</i> spp., <i>Orapsus</i> spp.
5. Molluscs	51. Freshwater molluscs	511	1. Freshwater molluscs	Freshwater clams, snails, etc.	<i>Pila</i> spp., <i>Meretrix</i> spp., <i>Corbicula</i> spp., <i>Ampularia</i> spp.
7. Miscellaneous aquatic animals	71. Frog and other amphibians	711	1. Frog and other amphibians	Frog	<i>Rana</i> spp.
	72. Turtles and reptiles	721	1. Turtles and other reptiles	Turtles	<i>Tryonix</i> spp.

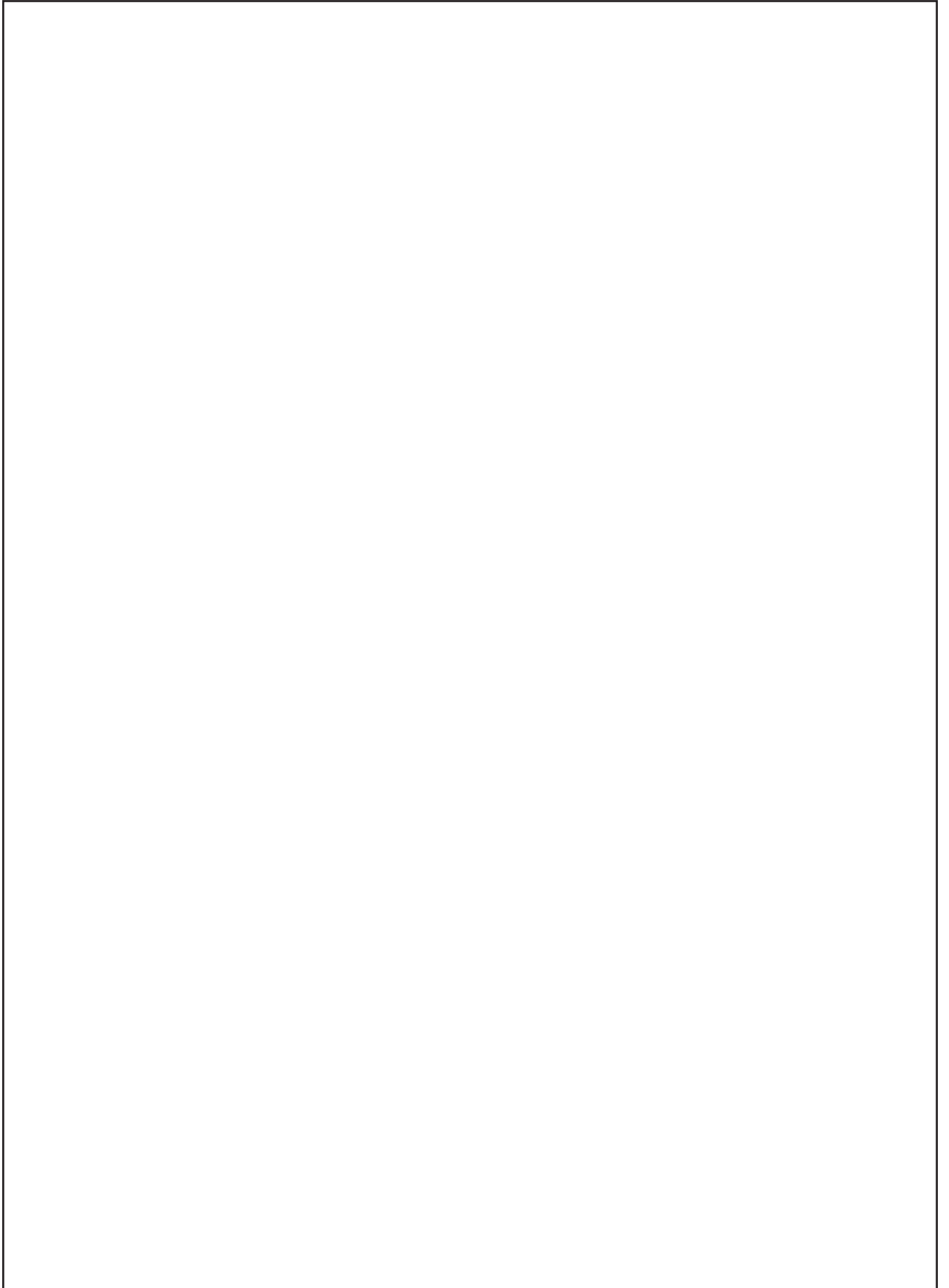
APPENDIX 4 List of Fishery Commodities for Export and Import Statistics

Division	Group	Code No.	Commodities
1. Fish, crustaceans and molluscs, fresh, frozen, dried, salted or smoked	11. Fish, fresh, chilled or frozen	111	Ornamental fish
		112	Fish fry
		113	Live fish
		114	Eels, fresh, chilled or frozen
		115	Tunas, fresh, chilled or frozen
		116	Other fishes, fresh chilled or frozen
	12. Fish, dried, salted, or smoked	121	Shark's fin
		122	Others
	13. Crustaceans, fresh, frozen, dried and salted	131	Crabs, fresh and frozen
		132	Shrimps, prawns and lobster, fresh and frozen
		133	Shrimps, prawns and lobster, dried and salted
		134	Other crustaceans
	14. Mollusc, fresh, frozen, dried and salted	141	Squid, cuttlefish and octopus, fresh and frozen
		142	Squid, cuttlefish and octopus, dried and salted
		143	Mussels
		144	Arkshells
145		Other mollusc	
2. Fish, crustaceans and molluscs products and preparations, whether or not in airtight containers	21. Fish products and preparations whether or not in airtight containers	211	Fish products and preparations in airtight containers
		212	Fish products and preparations in non-airtight containers
	22. Crustaceans and molluscs product and preparations whether or not in airtight containers	221	Crustaceans and molluscs products and preparations in airtight containers
		222	Crustaceans and molluscs products and preparations in non-containers
3. Oils, fats, waxes, etc., of aquatic animal origin		300	Oils, fats, waxes, etc., of aquatic animal origin
4. Animal feed and fertilizers of aquatic animal origin		400	Meals, solubles and similar animal feeding stuffs and fertilizers of aquatic animal origin
5. Miscellaneous products of aquatic animal origin	51. Fish, crustacean and molluscs sauces and soups, whether or not in airtight containers	511	Fish sauce
		512	Other fishes, crustaceans and molluscs sauces and soups, whether or not in airtight containers

APPENDIX 4 List of Fishery Commodities for Export and Import Statistics (continued)

Division	Group	Code No.	Commodities
5. Miscellaneous products of aquatic animal origin (continued)	52. Miscellaneous edible products	521	Frog lags, fresh, chilled or frozen
		522	Shrimp pastes
		523	Shrimp crackers
		524	Sea-cucumber, fresh, frozen, dried salted, etc.
		526	Miscellaneous edible products
	53. Inedible fish ova, wastes, offal, etc.	530	Inedible fish ova, wastes, offal, etc.
	54. Fish and shark skins	540	Fish and shark skins
56. Bones, shells, etc., unworked or simply prepared	561	Tortoise shell	
	562	Corals	
	563	Mother of pearl and other shells	
	564	Other bones, shells, etc., unworked or simply prepared	
57. Sponges, raw or prepared	570	Sponges, raw or prepared	
58. Pearls, not set or strung	580	Pearls, not set or strung	
59. Miscellaneous inedible products	590	Miscellaneous inedible products	
6. Products of aquatic plant origin		601	Agar-agar flakes
		602	Red seaweeds/ products
		603	Miscellaneous products of aquatic plant origin

SUMMARY 2007



Statistical Summary

An Overview of Fishery Sector for the South China Sea Area in 2007

1. The Fisheries Sector

In 2007, the total fishery production of the region was 25,211,212 MT valued at US\$ 23,937 million. Compared with the data in 2006, there was an increase both in quantity and value of approximately 3.35% and 54.78%, respectively. Marine fishery production in 2007 has increased both in quantity and value by approximately 1,118,237 MT and US\$ 1,330 million, respectively. Inland fishery production during this reporting year showed decrease in quantity of 127,252 MT but increase in value by US\$ 173 million. Likewise, aquaculture production also showed an increase both in quantity and value of 826,149 MT and US\$ 6,969 million, respectively.

Similar with the previous year and reflecting the market demand, Indonesia reported the highest total fishery production of 7,510,767 MT. The Philippines at 4,710,952 MT came second in terms of quantity, followed in descending order by Vietnam at 4,315,500 MT; Thailand at 3,675,152; Myanmar at 2,808,037 MT; Malaysia at 1,654,221 MT; Cambodia at 525,100 MT. The lowest fishery production was reported by Singapore at 8,026 MT and Brunei Darussalam at 3,227 MT. Comparing with the 2003 data, the total fishery production has increased by 5,031,814 MT or at an annual average of 1,006,363 MT.

In terms of value, Indonesia reported the highest total fishery value of US\$ 7,683 million followed by Vietnam at US\$ 4,545 million. In descending order, Thailand reported next at US\$ 3,987 million; Philippines at US\$ 3,912 million; Myanmar at US\$ 1,862 million; Malaysia at US\$ 1,855 million and Cambodia at US\$ 58 million. The lowest fishery value was reported by Singapore at US\$ 23 million and Brunei Darusslam at US\$ 11 million.

2. Marine Fisheries Production (in quantity and value)

In 2007, marine fisheries contributed almost 56% or 14,056,985 MT to the region's total fishery production. This represented an increase of about 1% over the 2006 statistics, where the value of the total marine fishery production was US\$ 10,421 million or about 44% of the total value of the fishery production.

In terms of production quantity, Indonesia ranked first with its marine fishery production of 4,734,280 MT representing 33.68% of the region's total production, valued at US\$ 4,868 million or 46.71% of the value of the region's total marine fishery production. Philippines came second with production of 2,327,815 MT or 16.56% of the total production and second in terms of value at US\$ 2,452 million of the region's total region value. Thailand placed third with production of 2,079,351 MT or 14.79% of the total production and its value was third at US\$ 1,586 million or 15.22% of the regional value.

Vietnam reported a production of 1,987,400 MT or 14.12% of the total production but the total value was not reported. Myanmar also reported its production at 1,485,740 MT or 10.57% of the total production but no value was reported. Malaysia reported its production at 1,381,424 MT or 3.83% of the total production valued at US\$ 1,493 million or 14.33% of total region value. Cambodia reported production of 54,900 MT or 0.39% of the total production without reporting the value. Singapore reported production of 3,522 MT or 0.03% of total production valued at US\$ 14,269 or 0.14% of total regional value, while Brunei Darussalam reported its production of 2,553 MT or 0.03% of the total production and valued at US\$ 8,252 or 0.08% of the total regional value.

During the period from 2003 to 2007, marine fishery production saw an increase in quantity by 868,417 MT or 6.58% and increase in landed value by US\$ 2,463 million or 30.94%. The increase was contributed mainly by Indonesia's increased production quantity by 351,177 MT or 8.01% and value that also increased by US\$ 1,940 million or 66.27%. The production of the Philippines also increased by 296,328 MT or 14.59% and value that also increased by US\$ 993 million or 68.03%. In contrary, the production data of Thailand showed a decrease of 571,872 MT or 27.50% but the value increased by US\$ 40,464 or 2.62%. Vietnam's production increased by 339,918 MT or 20.63% but the value was not reported. Myanmar also reported increase in production by 353,400 MT or 31.21% without reporting on the value. Malaysia's production increased by 98,168 MT or 7.65% and value that also increased by US\$ 437 million or 41.39%. The production of Cambodia decreased by 707 MT or 1.29% but the value was not reported. Singapore's production increased by 1,437 MT or 68.92% and value by US\$ 7,933 or 125%. While the production of Brunei Darussalam increased by 568 MT or 28.61% the value was not reported.

In 2007, in terms of the quantity of marine catch, the total catch of tunas was 1,906,887 MT (13.57% of the total regional production). Within this group, the highest catch was Skipjack tuna at 487,494 MT (25.56% of the group's total), followed by Frigate & bullet tuna at 330,691 MT (17.34% of the group's total). The second most heavily exploited group was the group of species comprising Jack, mullet and sauries with production of 1,819,637 MT (12.94% of the total regional production). Within this group, Round scads accounted for the largest production at 790,188 MT (43.43% of the group's total) followed by Selar scads at 342,687 MT (18.83% of the group's total). The third most heavily exploited group was the Red fishes, basses and congers, with a total catch of 1,586,238 MT (11.28% of the total regional production). The Threadfin breams was the most heavily exploited species in this group at 255,193 MT (16.09% of the group's total), followed by Pony fishes at 157,129 MT (9.91% of the group's total). The next heavily fished group was the Herring, sardines and anchovies at 1,319,635 MT (9.39% of the regional catch) with Sardine as most heavily exploited at 835,431 MT (63.31% of the group's total), followed by Anchovies at 421,162 MT (31.92% of the group's total). Another major group was Mackerels at 842,609 MT (5.99% of the total regional catch). Within this group, the species with highest catch was the Indian mackerel at 536,874 MT (63.72% of the group's total) followed by Indo-Pacific mackerel at 215,263 MT (25.55% of the group's total). The catch of the Miscellaneous fishes group was 3,685,186 MT (26.22% of the total regional catch), while Trash fish formed 6.59% of the total regional catch at 926,332 MT. The Molluscs group with total landing of 841,372 MT (5.99% of the total regional catch) also include Miscellaneous marine molluscs at 391,821 MT and Squid at 254,395 MT with the majority within this group accounting for 46.57% and 30.24% of the production of this group, respectively; while the catch of cuttlefish was reported to be 91,534 MT (10.88% of the group's total).

Despite the fact that regional breakdown by species in terms of value was not reported by Cambodia, Myanmar and Vietnam, the data still indicated that Penaeid prawns constituted the highest proportion, followed by Other prawns, Indian mackerels, Miscellaneous fishes, Squids, Skipjack tuna, Narrow-barred king mackerel, Anchovies, Tiger prawn and Sardines.

From the breakdown by species, Indonesia was leading with marine fisheries catch of 4,734,280 MT (33.68% of the total regional catch), of which Tunas formed the most prominent group, accounting for 1,035,651 MT (21.88% of Indonesia's total marine catch). Of the various Tuna species, the Skipjack tuna contributed the highest proportion at 301,531 MT (29.12% of total tunas catch), followed by Eastern little tuna at 143,101 MT (13.82% of total tunas catch) and Frigate & bullet tuna at 138,471 MT (13.37% of total tunas catch). Production of the Jacks, mullet and sauries group was 813,033 Mt (17.17% of Indonesia's total marine catch), the catch of Round scads was 311,127 MT representing 38.27% of the group's total, followed by Selar scads at 142,706 MT (17.55% of the group's total). The total catch of Red fishes, basses and congers was 709,955 MT (15% of Indonesia's total marine catch). The total catch of the Herrings, sardines and anchovies group accounted for the landings of 595,211 MT (12.57% of Indonesia's total marine catch), while the catch of Miscellaneous fishes was 523,159 MT (11.05% of Indonesia's total marine catch). The other two species that contributed notable landing were the Mackerels and Crustaceans at 335,800 MT (7.10% of Indonesia's total marine catch) and 316,391 MT (6.68% of Indonesia's total marine catch), respectively.

Philippines had the second highest marine catch at 2,327,815 MT (16.56% of the regional total catch) of which the Tunas group made up the biggest portion at 650,986 MT (27.97% of the total national catch). In this group Frigate & bullet tuna led at 191,472 MT (29.41% of the group's total) followed by Skipjack tuna at 185,864 MT (28.55% of the group's total). and the Yellowfin tuna fish at 134,491 MT (20.66% of the total national group). By far, the highest catch came from Jacks, mullets and suries group at 598,753 MT (25.72% of the national catch). Production from, Herring sardines and anchovies group was 400,345 MT (17.20% of the national catch). The other two species that contributed notable landings were Red fishes, basses and congers group and molluscs at 326,058 MT (14% of the national catch) and 150,175 MT (6.47% of the national catch), respectively.

3. Inland Fisheries

With seven countries reporting the quantity of catch from inland fisheries, only four countries reported the corresponding values. Therefore, the regional trend of the inland fisheries sector could not be pictured out. However, for some individual countries that reported the data in quantity and value, the national picture of their inland fisheries could be visualized.

Among the reporting countries in 2007, Myanmar had the highest catch from inland fisheries at 717,640 MT (36.27% of the total production). However, there was no report on the catch by species. Similarly for Cambodia's production from inland fisheries which was 420,000 MT (21.21% of the reported total). Indonesia's production from inland fisheries was 310,457 MT (15.68% of the total inland production). Thailand reported 225,600 MT (11.39% of the reported total while the Philippines reported 168,311 MT (8.50% of total production). Vietnam's production was 133,600 MT (6.75% of the total production) while Malaysia reported 4,283 MT (0.22% of total production).

In terms of value, no conclusion on the regional trend could be drawn because Brunei Darussalam, Cambodia, Myanmar, Singapore and Vietnam did not report their corresponding figures. However, from the countries that submitted their data, Indonesia and Thailand for example, reported high values at US\$ 368 million and US\$ 267 million, respectively, while the Philippines and Malaysia also reported their data at US\$ 125 million and US\$ 9 million, respectively. Nevertheless, the percentage contribution to the regional production in terms of value could not be established because of lack of data making any conclusion unreliable.

After Myanmar which reported the highest inland fisheries production, Cambodia had the second highest production of 420,000 MT, of which the biggest portion came from the group of Miscellaneous freshwater fishes at 419,400 MT. The remaining catches were from the Freshwater crustaceans group at 600 MT. The third country was Indonesia with a reported quantity of 310,457 MT, where the dominant group being the Catfishes group at 50,184 Mt followed by the Tilapia and other cichlids group at 49,812 MT and Gouramis group at 38,636 MT. The next Thailand with production of 225,600 MT, where the Miscellaneous freshwater fishes were dominant at 196,200 MT followed by Carp and barbels group at 13,700 MT, and Snake head at 6,600 MT and freshwater crustaceans at 3,500 MT. Philippines ranked fifth in the region with a reported total of 168,311 MT which was dominated by the Freshwater molluscs group at 61,775 MT followed by Tilapia and other cichlids group at 37,649 Mt, Miscellaneous freshwater fishes group at 18,998 MT, and Carps and barbels group at 15,578 MT. Then Vietnam came next with its production of 133,600 MT, the highest portion of which was contributed by the Miscellaneous freshwater fishes at 133,600 MT followed by the Turtles and other reptiles group at 17,190 MT. Malaysia's production was 4,283 MT, which mainly came from the Carps and barbels group at 35,053 MT followed by Catfishes at 889 MT.

4. Aquaculture

Under aquaculture, the data includes production from mariculture, brackishwater culture and freshwater culture. In 2007, Indonesia was the leader in terms of production quantity at 2,466,030 MT or 26.88% of the regional total, valued at US\$ 2,447 million. The Philippines ranked second at 2,214,826 MT accounting for 24.14% of the regional total, valued at US\$ 1,335 million. Vietnam reported production of 2,194,500 MT or 23.92% of the regional total, valued at US\$ 4,545 million. Thailand's production was 1,370,431 MT or 14.94% of the regional total, Myanmar 604,657 MT or 6.59% of the regional total, Malaysia 268,514 MT or 2.93% of the regional total, Cambodia 50,200 MT or 1.58% of the regional total, Singapore 4,504 MT or 0.05% of the regional total, and Brunei Darussalam 674 MT or 0.01% of the regional total.

The value of aquaculture production in 2007 showed an increase over 2003 by US\$ 6,906 million of the total. Reporting with the highest revenue from aquaculture was Vietnam at US\$ 4,545 million or 35.65% of the regional total, followed by Indonesia at US\$ 2,448 million or 19.20% of the regional total, Thailand at US\$ 2,135 million or 16.75% of the regional total, Myanmar US\$ 1,862 million or 14.61% of the regional total, Philippines US\$ 1,335 million or 10.47% of the regional total, Malaysia US\$ 353 million or 2.77% of the regional total, Cambodia US\$ 58 million or 0.46% of the regional total, Singapore US\$ 9,052 or 0.07% of the regional total and Brunei Darussalam US\$ 3,212 or 0.03% of the regional total.

4.1 Mariculture

Out of the region's total production quantity of 3,818,848 MT valued US\$ 930 million, production of seaweeds provided 3,134,993 MT or 82.10% of the regional total and valued at US\$ 517 million, of which the Philippines showed the highest production of 1,626,206 MT or 42.58% of the regional total. The second mariculture species with the highest production was Sea mussels at 254,251 MT or 6.66% of the regional total, followed by Miscellaneous marine molluscs at 186,623 MT or 4.89% of the regional total. However, the value was a reverse for the Miscellaneous marine molluscs at US\$ 172,120 giving the second highest in terms of value. Of the culture fish group, the highest production came from the Miscellaneous fishes at 81,397 MT which the Philippines shared 79,575 MT or 97.76% of the species group's total production.

4.2 Brackishwater culture

Out of a total yield of 2,063,196 MT and total value of US\$ 6,038 million, Other prawns was the most valuable commodity in the regional with production quantity of 553,303 MT or 26.82% of the regional total, and milkfish at 498,437 MT or 24.16% of the regional total, and tiger prawn (shrimp) at 429,295 MT or 20.81% of the regional total. In terms of value, Tiger prawns (shrimp) provided the highest value at US\$ 1,947 million followed by Penaeid prawns (shrimp) at US\$ 1,497 million. The biggest producer was Indonesia with 629,797 MT or 30.52% of the regional total and reported value of US\$1,672 million.

The next major producer was Thailand with 535,834 MT or 25.97% of the regional total and reported value of US\$ 1,523 million, where the predominant species was Other prawns at 508,571 MT. Vietnam came next with production of 500,500 MT or 24.26% of the regional total and reported value at US\$ 1,523 million, although the highest species was Penaeid prawns at 206,700 MT.

4.3 Freshwater culture

Out of the total yield of 3,292,294 MT in 2007, Vietnam contributed the highest production of 1,485,500 MT or 45.12% of the regional total. The next major producer was Myanmar with 556,357 MT or 16.90% of the regional total, of which the predominant group was Tilapia at 213,800 MT or 40.72% of the national total. The major portion of the production in the region in 2007 was the Catfishes at 1,160,620 MT or 35.25% of the regional total followed by the Miscellaneous fishes at 922,542 MT or 28.02% of the regional total and tilapia group at 575,560 MT or 17.48% of the regional total.

In terms of value, the collective total for the region was US\$ 5,780 million, of which US\$ 2,663 million was from Vietnam, US\$ 1,669 million from Indonesia, US\$ 6,111 million from Thailand, US\$ 350 million from Philippines, US\$ 342 million from Indonesia, US\$ 90,689 from Malaysia, US\$ 52,738 from Cambodia and US\$ 1,072 from Singapore.

5. Fishing gear analysis

An analysis of the fishing gear used in the region in 2007 showed that the most prevalent gear was hook and line with 10,025,524 units or 58.37% of all types of gears, followed by gill nets with 1,609,821 units or 9.37% of all gear types; push nets with 202,739 units or 1.18% of all gear types; seine nets with 181,779 units or 1.06% of all gear types; traps with 146,202 units or 0.85% of all gear types; surrounding nets with 105,434 units or 0.61% of all gear types; lifts nets with 58,655 units or 0.34% and trawls with 34,230 units or 0.20% of all gear types.

In terms of fishing effort and population density, the leading fishing gear user was the Philippines with 15,829,534 units or 92.17% of the regional total, which was dominated by hook and line with 9,504,093 units or 60.04% of the national total, while Indonesia reported with 1,237,797 units or 7.21% of the regional total, followed by Brunei Darussalam with 41,789 units or 0.24% of the regional total.

6. Number of Fishing Boats by Type and Tonnage

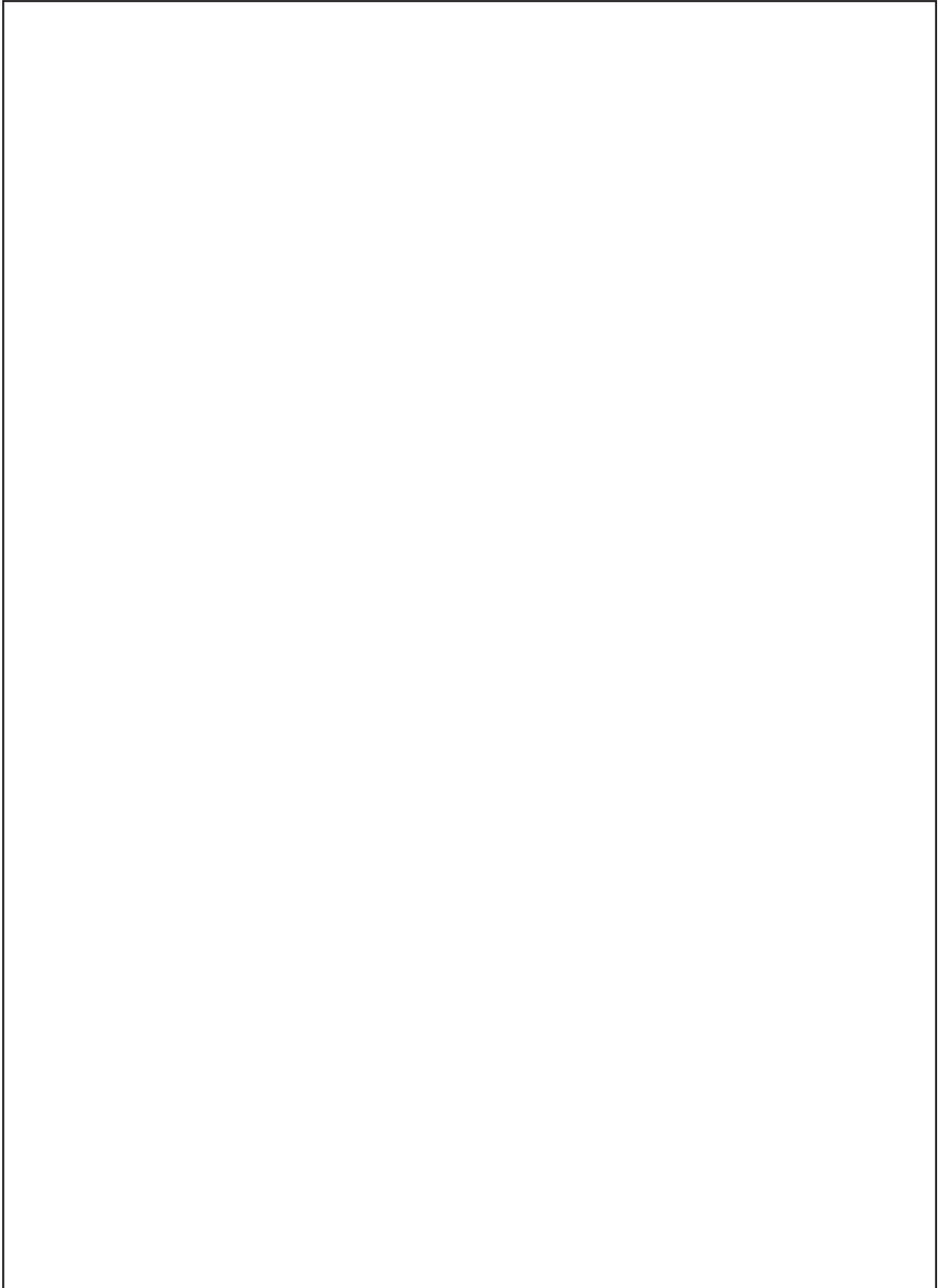
The figures included in this section cover only the boats that were registered in each nation. Brunei Darussalam, Cambodia, Myanmar, Singapore and Vietnam did not report the number of their fishing boats for 2007. By far, the Philippines reported the highest number of boats at 788,526 followed by Indonesia with 590,314 of which 241,889 were non-powered boats, and of the 348,040 powered boats, 185,509 were out-board powered while majority of the in-board powered boats were less than 5 tons. The third highest number was reported by Malaysia with 39,221 of which 2,645 were non-powered boats and 36,576 powered boats, 18,458 of which were out-board powered. Thailand reported the fourth highest number with 13,056 which were powered boats.

7. Number of Fishermen by Working Status

In 2007, Indonesia had the highest number of fishermen at 2,231,967 of which 1,095,399 or 49.08% were full-time fishermen. The Philippines had 1,786,948 and Thailand 168,140 which were a full-time; Malaysia also reported 99,617 full-time; Brunei Darussalam 5,991 and Singapore had 122 fishermen all full-time. In 2007, Cambodia, Myanmar and Vietnam did not report their respective number of fishermen.

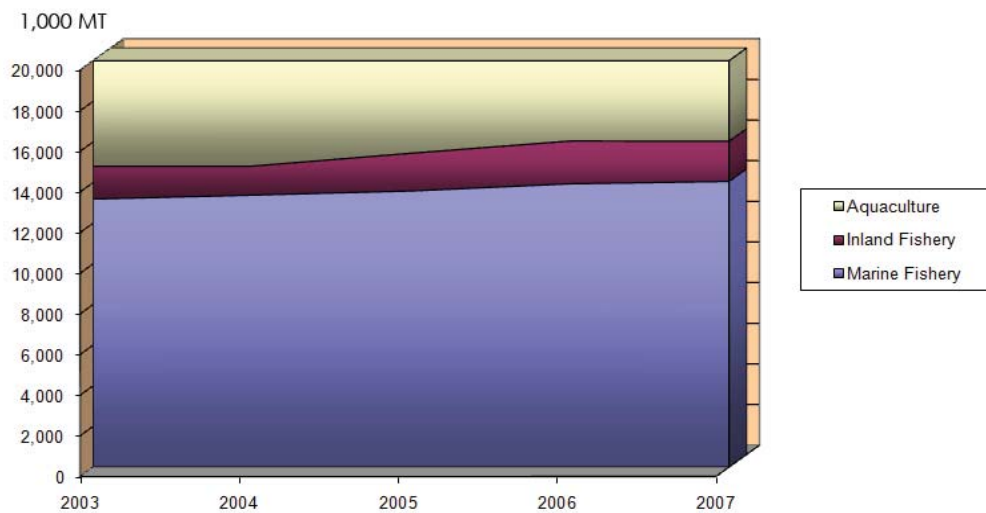
8. Number of Fishing Establishments by Types and Size of Management

In 2007, the number of fishing establishments in Indonesia was reported at 604,937 of which 217,091 or 35.89% were using non-powered boats. Of the 316,269 powered boats or 52.28%, 146,054 were in-board. A large portion of the in-board boats of 106,145 or 72.67% was less than 5 tons. Of countries who reported their fishing establishments, Thailand, Brunei Darussalam and Singapore showed a total figure of 58,119, 3,128 and 144, respectively. Five countries namely; Cambodia, Malaysia, Myanmar, Philippines and Vietnam failed to report their number of fishing establishments for 2007.

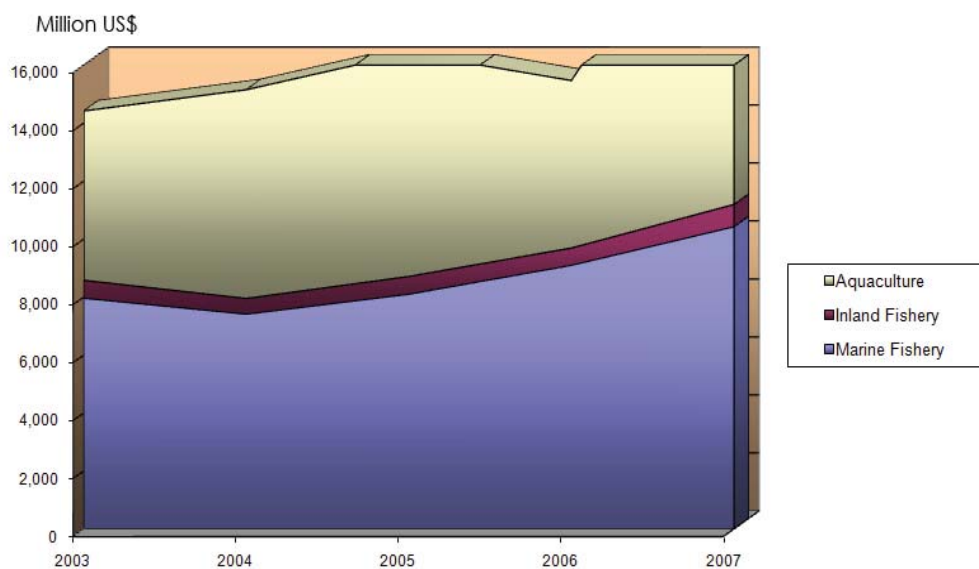


1. Fishery Production 2003-2007

(1) In quantity

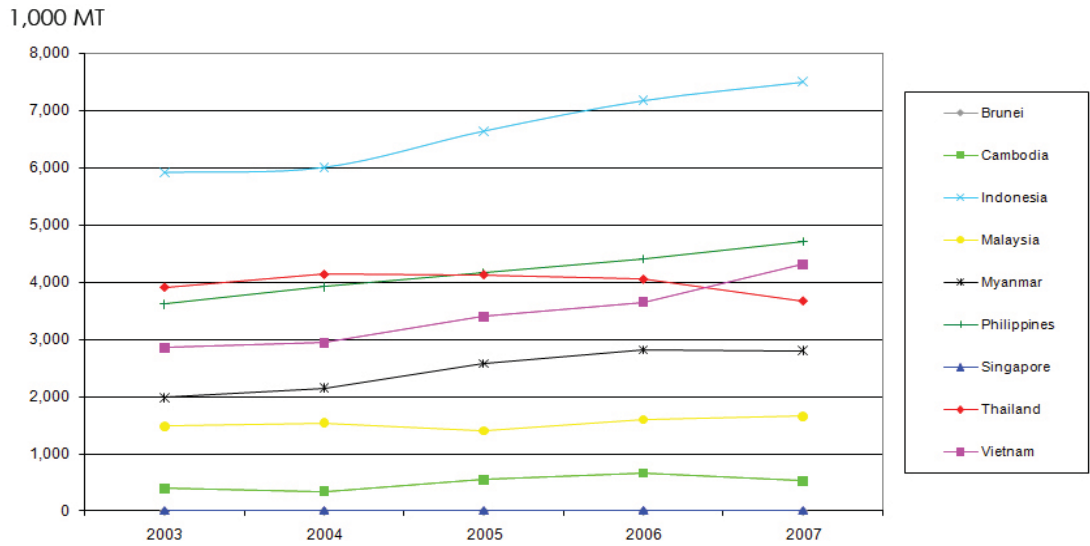


(2) In value

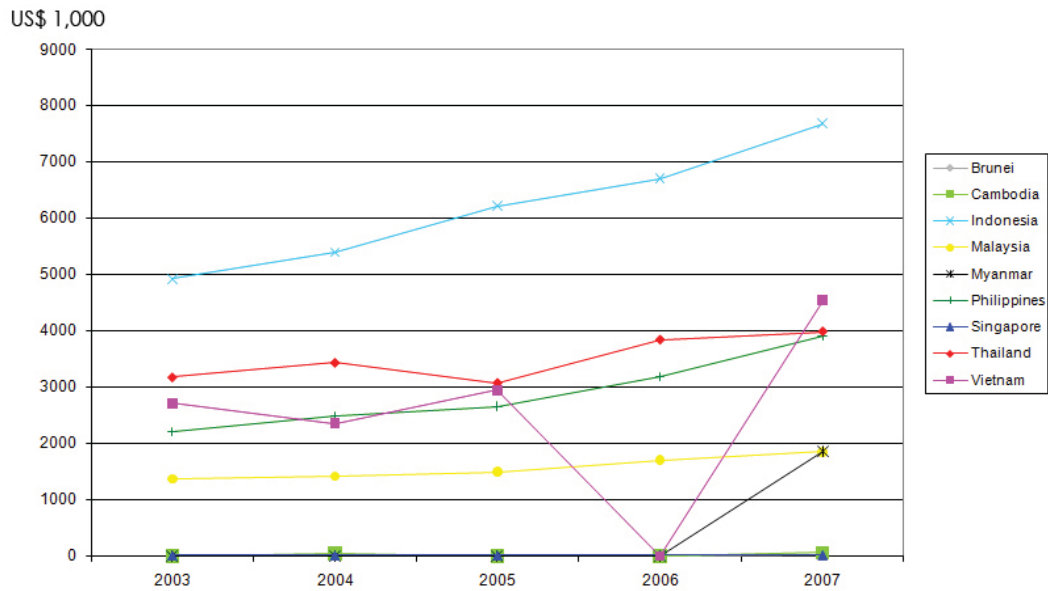


2. Fishery Production by Country 2003-2007

(1) In quantity



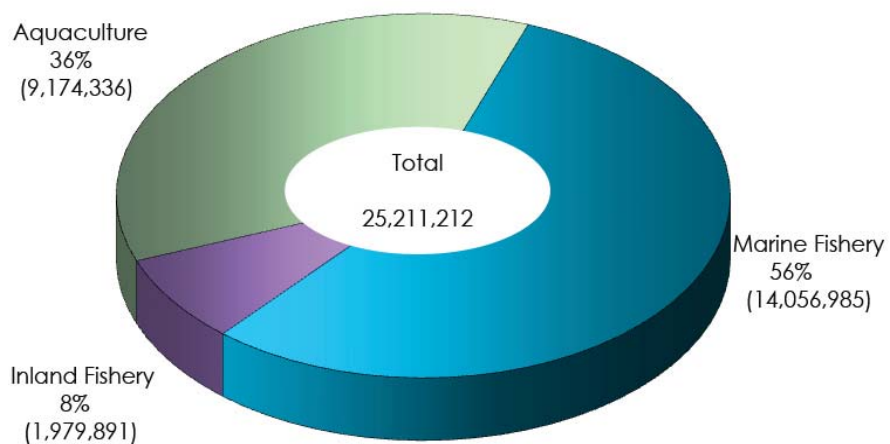
(2) In value



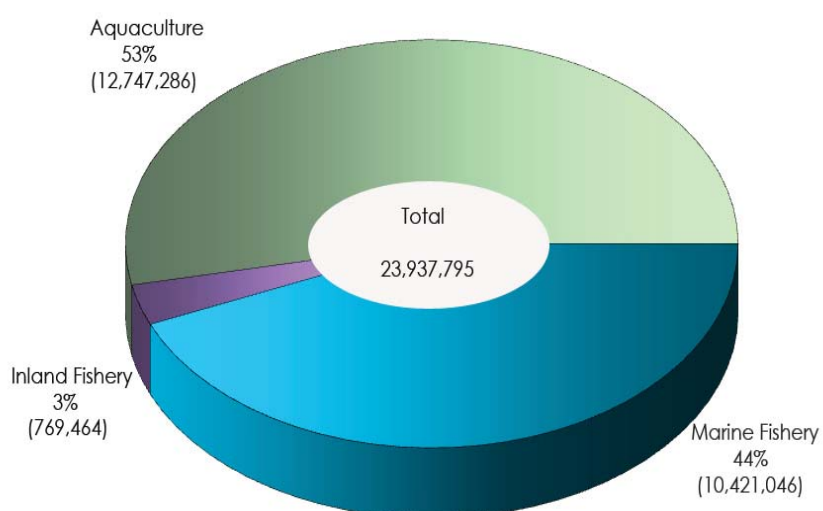
Note: Data in value of Vietnam in 2006 is not available

3. Fishery Production by Sub-sector : 2007

(1) In quantity (MT)



(2) In value (US\$ 1,000)



4. Production by Sub-sector and by Country : 2007

(1) In quantity

MT

Country/Territory	Total	Marine Fishery	Inland Fishery	Aquaculture
Total	25,211,212	14,056,985	1,979,891	9,174,336
Brunei	3,227	2,553	...	674
Cambodia	525,100	54,900	420,000	50,200
Indonesia	7,510,767	4,734,280	310,457	2,466,030
Malaysia	1,654,221	1,381,424	4,283	268,514
Myanmar	2,808,037	1,485,740	717,640	604,657
Philippines	4,710,952	2,327,815	168,311	2,214,826
Singapore	8,026	3,522	...	4,504
Thailand	3,675,382	2,079,351	225,600	1,370,431
Vietnam	4,315,500	1,987,400	133,600	2,194,500

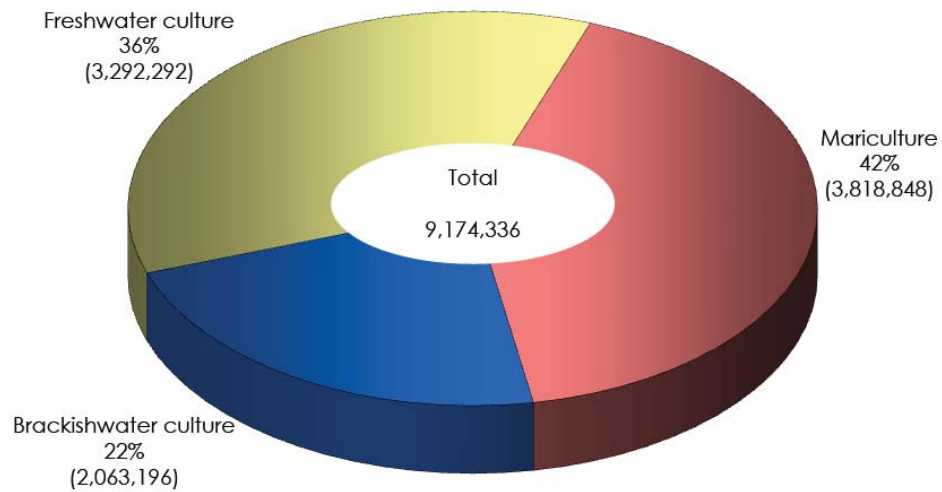
(2) In value

US\$ 1000

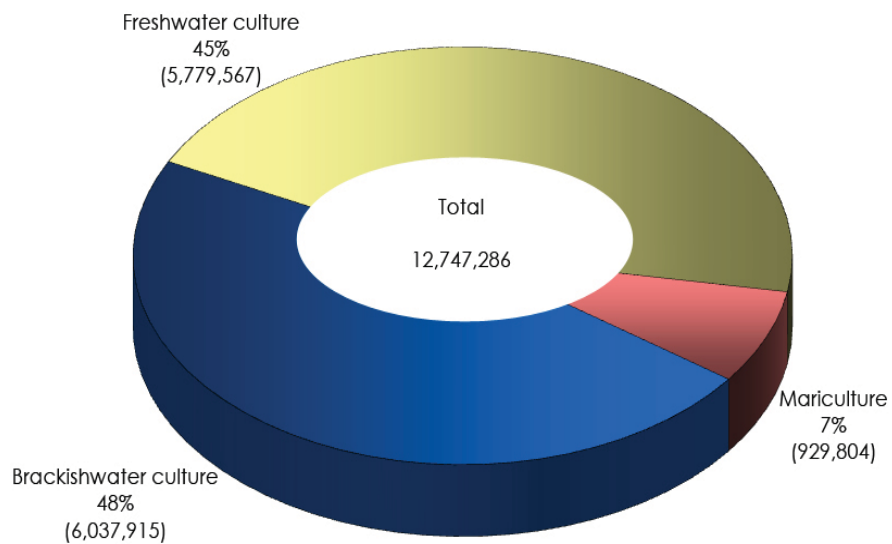
Country/Territory	Total	Marine Fishery	Inland Fishery	Aquaculture
Total	23,937,795	10,421,046	769,464	12,747,286
Brunei	11,464	8,252	...	3,212
Cambodia	58,038	...	...	58,038
Indonesia	7,683,427	4,867,641	368,247	2,447,539
Malaysia	1,855,326	1,493,332	9,013	352,981
Myanmar	1,862,403	...	...	1,862,403
Philippines	3,912,137	2,451,954	125,464	1,334,719
Singapore	23,319	14,263	...	9,052
Thailand	3,986,931	1,585,599	266,740	2,134,592
Vietnam	4,544,750	...	...	4,544,750

5. Aquaculture by Sub-sector : 2007

(1) In quantity (MT)



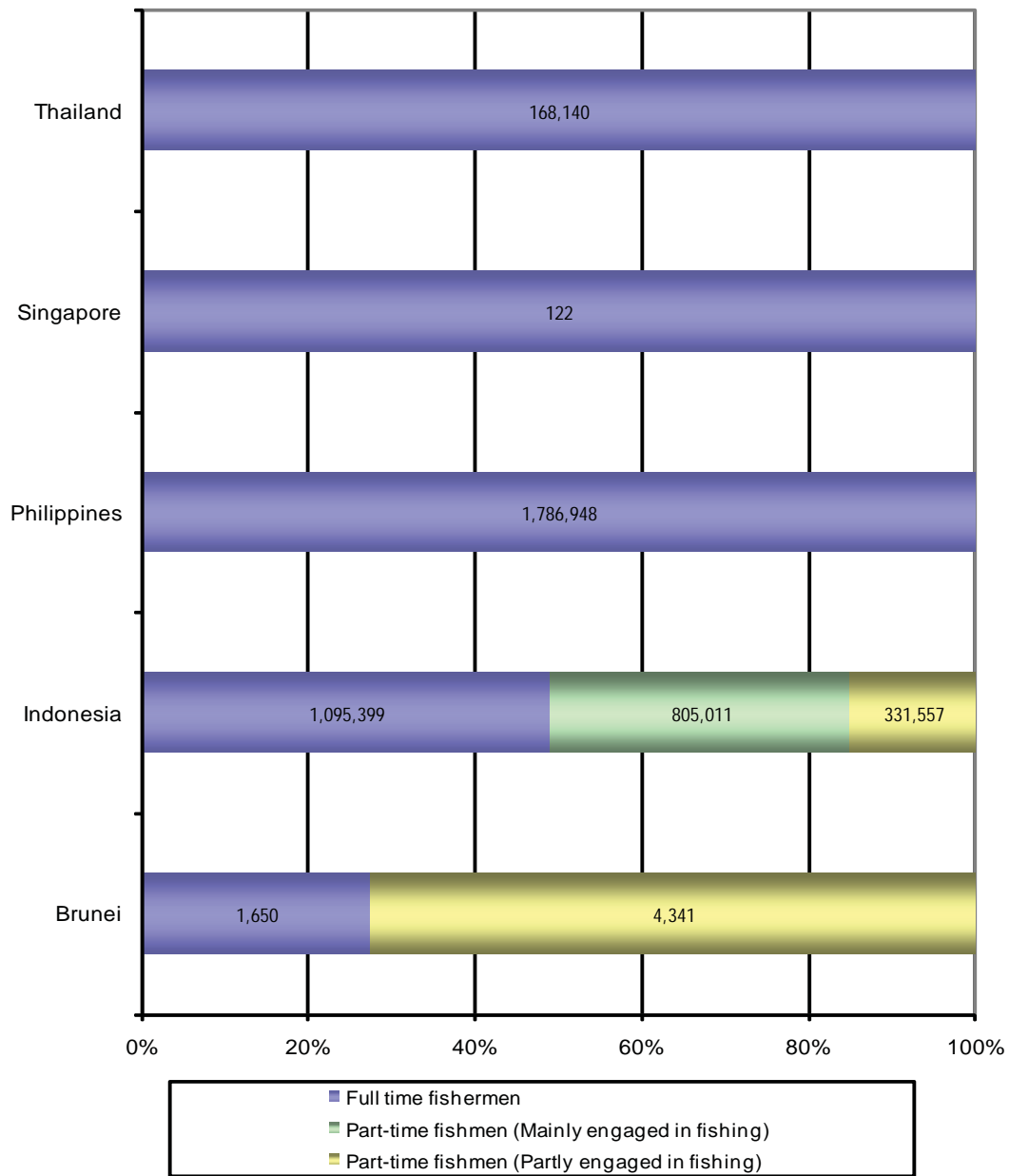
(2) In value (US\$ 1,000)



6. Number of Fishing Boats by Type (Marine fishery only)

Country/ Territory	Year	Total	Non-powered boat	Out-board powered boat	In-board powered boat
Indonesia	2007	590,314	241,889	185,509	162,531
Malaysia	2007	39,221	2,645	18,458	18,118
Philippines	2007	788,526	...	...	...
Thailand	2007	13,056	...	...	12,552

7. Number of Fishermen by Working Status



8. Major 20 Marine Species Caught in the Region : 2007

(1) In quantity (MT)

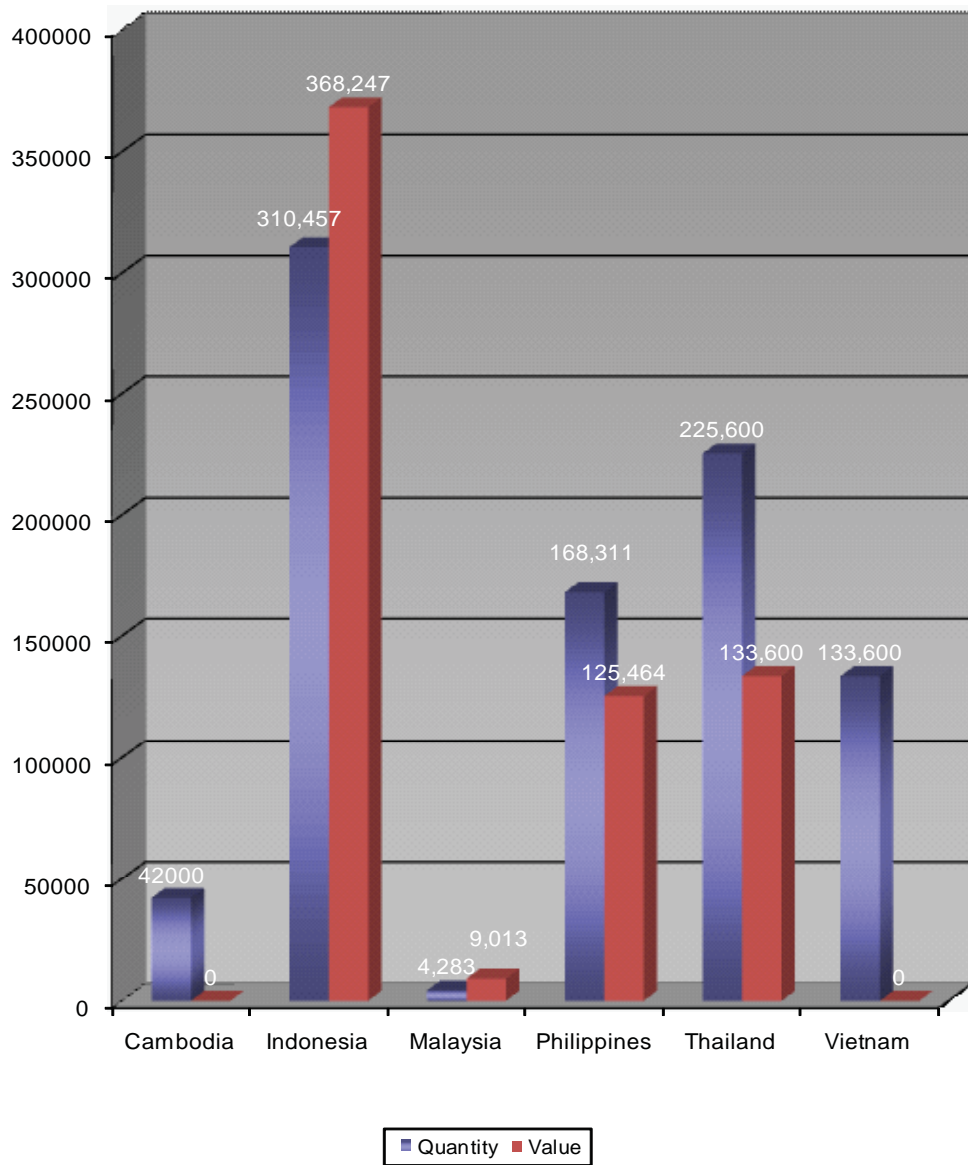
Country	Total	Ratio (%)	Brunei	Cambodia	Indonesia	Malaysia	Philippines	Singapore	Thailand	Vietnam
1.Misc.fish	3,685,186	26.22	1	37,000	523,159	68,744	16,671	458	140,413	1,413,000
2.Trash fish	926,332	6.59	...	...	...	342,972	...	284	583,076	...
3.Sardine	835,431	5.94	354	...	380,658	43,889	313,082	...	97,448	...
4.Round scads	790,188	5.62	275	...	311,127	89,959	321,215	...	68,612	...
5.Indian mackerel	536,874	3.82	286	...	259,458	156,685	88,001	40	32,404	...
6.Skipjack tuna	487,494	3.47	99	...	301,531	...	185,864	...	...	...
7.Anchovies	421,162	3.00	5	...	175,522	23,975	76,041	32	145,587	...
8. Marine molluscs	391,821	2.79	...	17,900	3,209	5,436	197	...	23,079	342,000
9.Selar scads	342,687	2.44	152	...	142,706	70,007	95,028	62	34,732	...
10.Frigate&bullet tuna	330,691	2.35	...	...	138,471	748	191,472	...	...	...
11.Eastern little tuna	275,429	1.96	...	...	143,101	13,634	73,094	...	45,600	...
12.Threadfin breams	255,193	1.82	8	...	70,890	36,200	55,563	71	92,461	...
13.Squids	254,395	1.81	69	...	63,425	59,729	64,139	148	66,885	...
14.Other crabs	248,370	1.77	...	...	...	...	...	...	7,570	210,800
15.Yellowfin tuna	240,820	1.71	...	...	103,655	2,674	134,491	...	...	...
16.Longtail tuna	220,951	1.57	...	...	117,941	35,964	...	...	67,046	...
17.Indo-pacific mackerel	215,263	1.53	2	...	28,928	...	49,494	...	136,839	...
18.Other prawns	202,023	1.44	17	...	90,107	40,981	12,914	505	57,499	...
19.Jack, cavalla,travallies	178,921	1.27	23	...	64,327	11,083	64,993	77	38,418	...
20.Penaeid prawn	175,691	1.25	169	...	122,128	29,173	23,068	...	1,153	...

(2) In value (US\$ 1,000)

Country	Total	Ratio (%)	Brunei	Indonesia	Malaysia	Singapore	Thailand
1.Penaeid prawns	500,245	4.80	118,965	349,376	147,772	...	1,907
2.Other prawns	488,521	4.69	12	204,013	77,202	4,108	203,186
3.Indian mackerel	488,392	4.69	1,006	274,760	187,632	88	24,906
4.Misc. fishes	484,231	4.65	1	338,210	43,688	1,280	101,052
5.Squids	350,132	3.36	243	90,521	125,508	609	133,251
6.Round scads	313,346	3.00	388	192,437	79,882	...	40,639
7.Skipjack tuna	275,167	2.64	280	274,887	...	...	...
8.Narrow-barred mackerel	274,517	2.63	99	176,189	46,116	...	52,113
9.Anchovies	254,194	2.44	3	194,825	21,444	32	37,890
10.Tiger prawn	247,766	2.38	2	206,744	15,427	...	25,593
11.Sardines	238,114	2.28	747	175,713	29,005	...	32,649
12.Red snappers	220,648	2.12	81	172,323	21,611	347	26,286
13.Longtail tuna	208,694	2.00	...	103,385	42,259	...	63,050
14.Groupers	208,357	2.00	69	150,891	38,067	249	19,081
15.Selar scads	201,020	1.93	537	107,649	74,598	147	18,090
16.Threadfin breams	169,165	1.62	27	51,121	47,691	278	70,048
17.Indo-Pacific mackerel	169,064	1.62	7	49,789	...	...	119,268
18.Eastern little tuna	154,511	1.48	...	108,002	14,181	...	32,328
19.Cuttlefishes	149,631	1.44	12	26,894	32,814	248	89,663
20.Swimming crabs	145,103	1.39	18	52,126	22,488	710	69,760

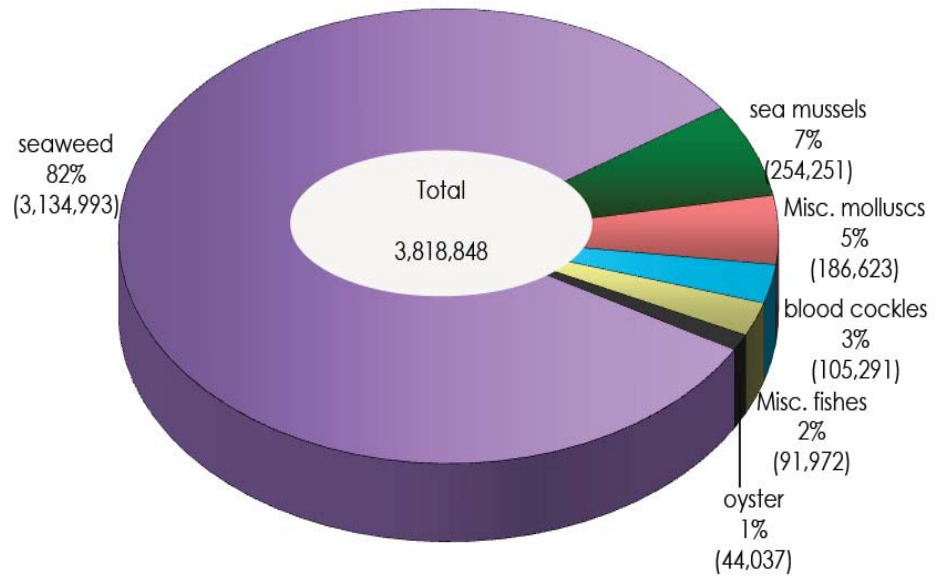
9. Inland Fishery Production in Quantity and Value by Country

Quantity : MT
Value : US\$ 1,000

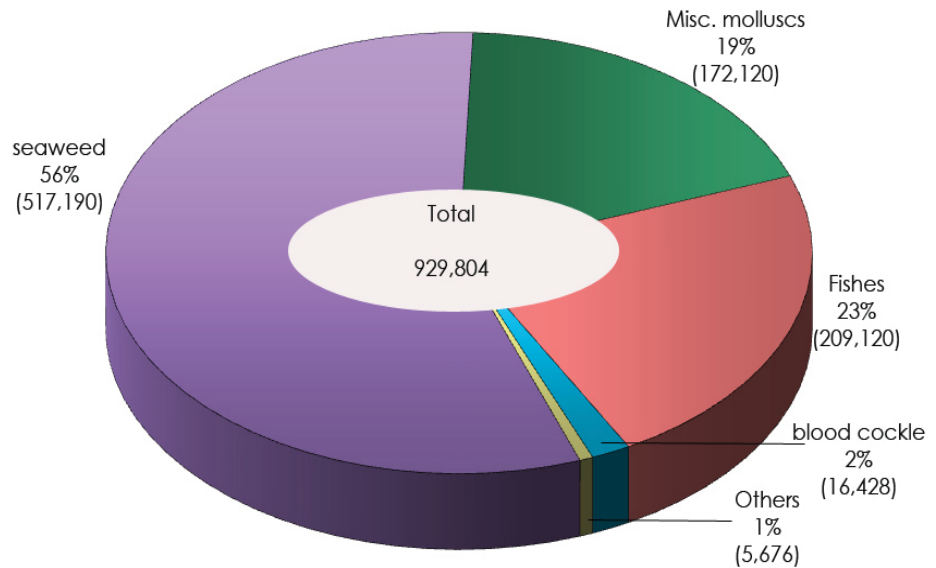


10. Aquaculture 10.1 Mariculture Production : 2007

(1) In quantity (MT)

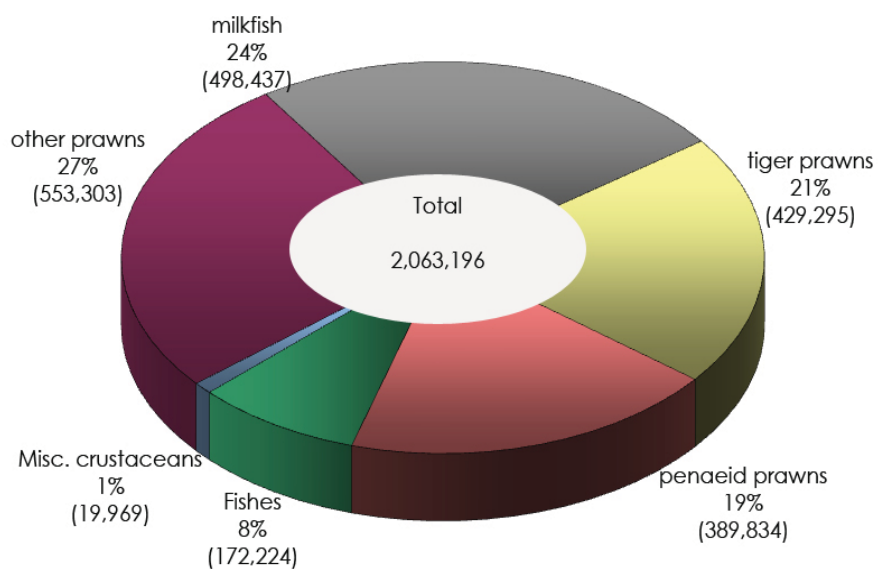


(2) In value (US\$ 1,000)

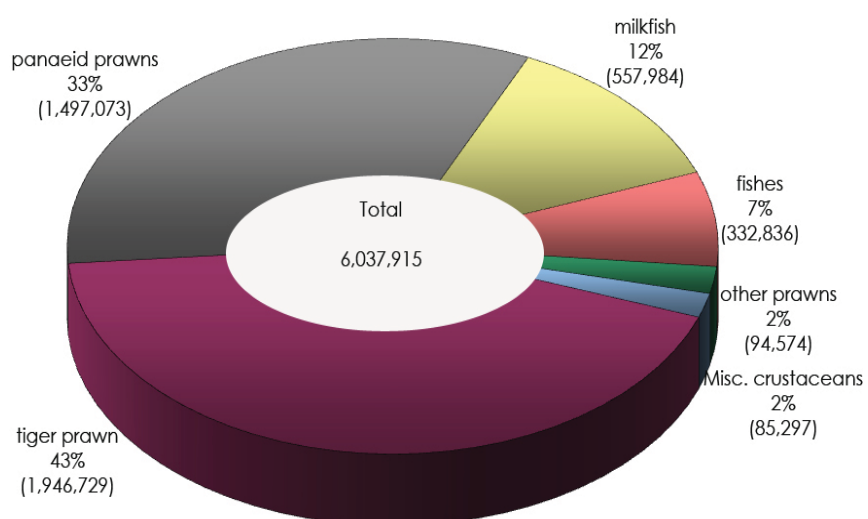


10.2 Brackishwater Production : 2007

(1) In quantity (MT)

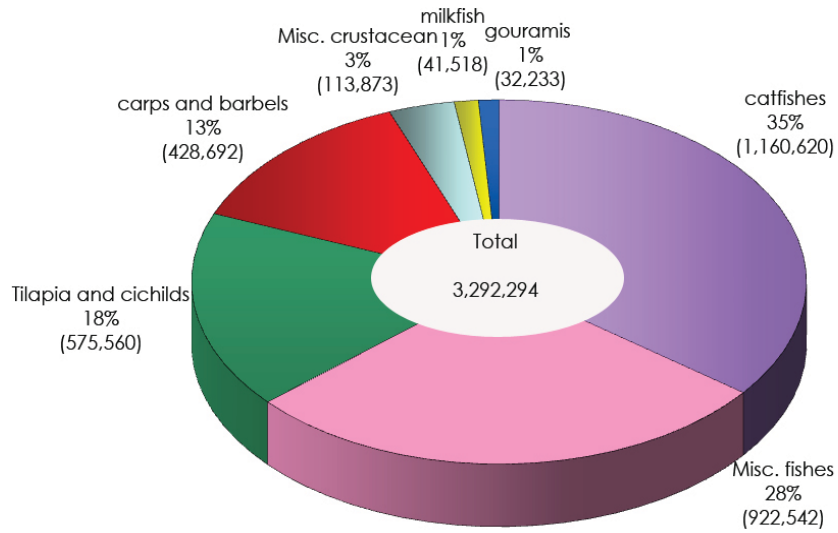


(2) In value (US\$ 1,000)

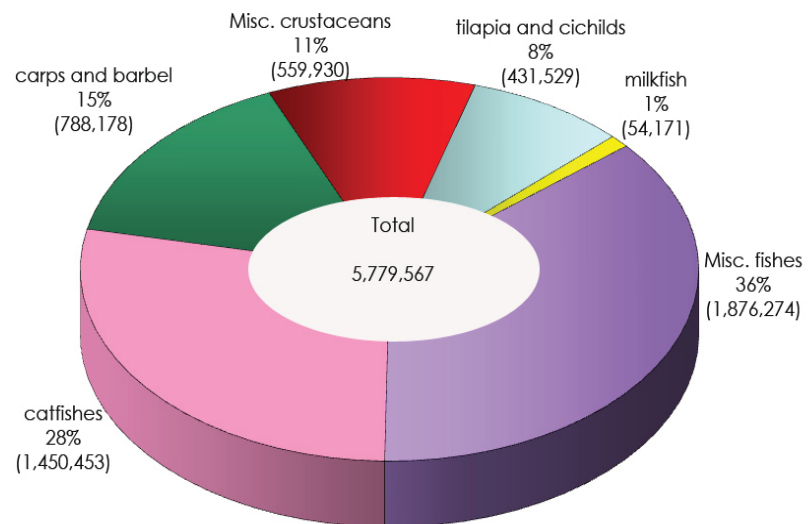


10.3 Freshwater Culture Production : 2007

(1) In quantity (MT)



(2) In value (US\$ 1,000)



11. Fish Food Balance : 2007

Country	Total Production (MT)	Import (MT)	Trash Fish (MT)	Export (MT)	Balance (MT)	Percapita (kg.)
Brunei	3,227	14,043	...	93	17,177	44.04
Cambodia	525,100	4,200	...	55,812	473,488	32.97
Indonesia	7,510,767	145,230	...	854,601	6,801,396	31.43
Malaysia	1,654,221	453,197	342,972	286,404	1,478,042	54.40
Myanmar	2,808,037	2,428	...	343,874	2,466,591	42.75
Philippines	4,710,952	200,136	...	173,076	4,738,012	53.49
Singapore	8,026	2,763,427	284	2,855,492	-84,323	-18.37
Thailand	3,675,382	1,379,598	586,076	1,964,685	2,507,219	37.97
Vietnam	4,315,500	50,435	...	835,826	3,530,109	41.47

Note: Per capita fish consumption was estimated based on the assumption that all trash fish landed are not used for human consumption.

12. Export and Import of Fishery Commodities : 2007

Country	Export	Import	Balance of Trade
Total	14,395,040	4,383,690	10,011,350
Brunei	5	13,355	-13,350
Cambodia	32,566	8,222	24,344
Indonesia	2,258,919	142,750	2,116,169
Malaysia	752,393	633,667	118,726
Myanmar	549,120	466,159	82,961
Philippines	569,790	149,483	420,307
Singapore	482,435	862,554	-380,119
Thailand	5,965,978	1,743,482	4,222,496
Vietnam	3,783,834	364,018	3,419,816

STATISTICAL TABLES 2007

1. GENERAL GEOGRAPHIC, DEMOGRAPHIC AND ECONOMIC STATISTICS

1.1 Land Area, Length of Coastline and Inland-Water Area

Country, Sub-area		Total land area (Km ²)	Length of coastline (Km)	Inland water area (Km ²)				
				Total	Reservoir	Lake	River	Others
Total	0	4,238,342	112,669	371,128	137,020	61,629	118,797	48,662
Brunei	1	5,765	161	500	...	...	...	...
Cambodia	2	181,040	443	4,520	...	...	...	...
Indonesia	3	1,900,000	81,000	1,137	...	1,137	...	...
Malaysia	4	329,960	4,675	229,794	115,417 A	...	114,377	...
Myanmar	5	677,000	2,832	74,667	17,563	54,342 B	...	2,762
Philippines	6	299,404	17,460	8,400	190	2,000	310	5,900
Singapore	7	707	224	...	...	...	...	...
Thailand	8	513,254	2,614	45,450	2,050	2,150	1,250	40,000
Vietnam	9	331,212	3,260	6,0660	1,800	2,000	2,860	...

Notes :A Include Reservoir and Lake

B Include Lake and River

1.2 Population and Manpower

Country, Sub-area							Manpower (million persons)					
							Year	Total labour force	Total employed persons			
		2003	2004	2005	2006	2007			Total	Agriculture and forestry	Fishery	Others
Total	0	537.55	544.38	552.55	560.66	560.33	2007	180.92	194.60	70.99	2.94	81.16
Brunei A	1	0.35	0.36	0.37	0.38	0.39	2007	0.18	0.76	0.02	B	0.74
Cambodia A	2	13.21	13.44	13.96	14.20	14.36	2007	...	7.83	4.72	...	3.11
Indonesia	3	215.20	216.38	219.21	222.05	216.38	2007	93.72	40.61	...	2.94	...
Malaysia	4	25.03	25.58	26.13	26.64	27.17	2007	10.97	10.97	2.20	B	8.77
Myanmar	5	53.22	54.30	55.40	56.57	57.70	2007	...	17.96	11.96	B	6.00
Philippines	6	81.45	83.56	85.26	86.97	88.58	2007	36.21	33.56	10.34	1.44	21.78
Singapore	7	4.19	4.24	4.35	4.40	4.59	2007	2.75	1.84	...	...	...
Thailand A	8	64.00	64.50	64.75	65.23	66.04	2007	37.38	37.55	15.81	B	21.74
Vietnam A	9	80.90	82.02	83.12	84.22	85.12	2007	...	43.35	24.12	B	19.23

Notes :A Figures on Population from ASEAN Statistical Pocketbook, 2007

B Figures include Fishery

1.3 Gross Domestic Product**1.3.1 Total**

Million US\$

Country, Sub-area		2003	2004	2005	2006	2007
Total	0	1,974,039	2,289,489	2,082,628	2,527,038	2,613,274
Brunei	1	4,715	5,181	6,248	7,826	12,250
Cambodia	A 2	4,331	4,864	5,523	7,254	8,654
Indonesia	A 3	221,283	247,081	280,265	364,400	427,827
Malaysia	A 4	103,952	118,318	130,654	156,331	186,454
Myanmar	A 5	1,286,103	1,513,155	1,215,100	1,473,992	1,352,900
Philippines	6	79,683	86,930	98,821	117,544	144,038
Singapore	7	92,485	106,837	116,761	132,161	161,349
Thailand	A 8	143,170	161,721	176,559	206,951	246,036
Vietnam	A 9	38,317	45,402	52,809	60,547	70,965

Notes :A Figures from International Monetary Fund Website

1.3.2 Agriculture and Forestry

Million US\$

Country, Sub-area		2003	2004	2005	2006	2007
Total	0	642,724	693,694	821,484	924,898	58,673
Brunei	1	99	112	...	87	...
Cambodia	A 2	1,592	1,702	...	1,680	...
Indonesia	3	19,348	20,882	22,909	30,690	48,693
Malaysia	4	8,420	8,549	...	11,978	...
Myanmar	5	581,541	626,589	786,412	853,907	...
Philippines	6	9,896	11,129	12,048	14,090	9,856
Singapore	7	94	114	115	112	124
Thailand	8	14,603	14,719	...	...	...
Vietnam	A 9	7,131	9,898	...	12,354	...

Notes :A Figures from International Monetary Fund Website

1.3 Gross Domestic Product**1.3.3 Fishery**

Million US\$

Country, Sub-area		2003	2004	2005	2006	2007
Total	0	113,314	109,062	165,629	188,507	14,743
Brunei	1	...	37	...	...	...
Cambodia	2	44,794	...	...	...	...
Indonesia	3	5,012	5,956	6,674	8,214	11,635
Malaysia	4	...	...	...	1,785	...
Myanmar	5	60,143	101,097	156,843	175,978	...
Philippines	6	1,764	1,972	2,112	2,530	3,108
Singapore	7	94	...	...	...	...
Thailand	8	...	...	...	...	...
Vietnam	9	1,507	...	...	...	...

1.3.4 Others

Million US\$

Country, Sub-area		2003	2004	2005	2006	2007
Total	0	1,262,544	1,486,763	1,189,679	1,201,108	652,336
Brunei	1	4,616	5,032	6,248	7,739	12
Cambodia A	2	2,739	3,162	...	...	...
Indonesia	3	196,923	220,243	250,682	325,496	367,500
Malaysia	4	95,532	109,799	130,654	142,568	...
Myanmar	5	644,119	785,469	371,417	444,107	...
Philippines	6	67,978	73,829	84,549	100,956	123,599
Singapore	7	92,391	106,723	116,761	132,049	161,225
Thailand B	8	128,567	147,002	176,559	...	...
Vietnam A	9	29,679	35,504	52,809	48,193	...

Notes :A Figures from International Monetary Fund Website

B Figures from ASEAN Statistical Pocketbook, 2007

1.4 Wage and Price**1.4.1 Index number of wages (all workers)**

Country, Sub-area		2003	2004	2005	2006	2007
Brunei	1	...	...	...	...	...
Cambodia	2	...	...	...	...	...
Indonesia	3	...	...	...	...	...
Malaysia	4	...	...	...	...	...
Myanmar	5	...	...	...	...	...
Philippines	6	...	...	...	...	...
Singapore	7	...	...	...	...	...
Thailand	8	...	...	...	...	...
Vietnam	9	...	...	...	...	...

1.4.2 Index number of wholesale price**1.4.2.1 All Items**

Country, Sub-area		2003	2004	2005	2006	2007
Brunei	1	...	...	...	...	...
Cambodia	2	...	...	...	...	...
Indonesia A	3	122	131	151	172	...
Malaysia A	4	104	112	119	127	...
Myanmar	5	...	...	...	...	...
Philippines	6	133	144	160	173.3	178.7
Singapore	7	97	102	112	100	100.3
Thailand A	8	108	116	126	135	...
Vietnam	9	...	...	...	...	...

Notes :A Figures from International Monetary Fund Website

1.4 Wage and Price**1.4.2 Index number of wholesale price (cont'd)**

1.4.2.2 Food

Country, Sub-area		2003	2004	2005	2006	2007
Brunei	1	...	...	...	...	...
Cambodia	2	...	...	...	...	...
Indonesia	3	302	107	...	...	...
Malaysia	4	...	...	...	...	...
Myanmar	5	...	...	...	...	...
Philippines	6	109	116	138.5	147.4	153
Singapore	7	98	100	109.7	100	106.5
Thailand	8	...	...	...	...	...
Vietnam	9	...	...	...	...	...

1.4.3 Index number of consumer price

1.4.3.1 All Items

Country, Sub-area		2003	2004	2005	2006	2007
Brunei	1	100	101	103	103	103
Cambodia A	2	105	109	110	121	105
Indonesia	3	280	113	136	172	113
Malaysia	4	104	106	111	104	106
Myanmar A	5	260	308	304	383	512
Philippines	6	114	121	130	138	142
Singapore	7	98	100	100	101	104
Thailand A	8	102	105	111	117	119
Vietnam A	9	128	138	142	143	146

Notes :A Figures from International Monetary Fund Website

1.4 Wage and Price**1.4.3 Index number of consumer price (cont'd)**

1.4.3.2 Food

Country, Sub-area		2003	2004	2005	2006	2007
Brunei	1	...	...	...	...	104
Cambodia	2	...	...	...	...	...
Indonesia	3	302	107	...	...	107
Malaysia	4	94	96	100	103	107
Myanmar	5	...	...	...	...	...
Philippines	6	109	116	124	131	135
Singapore	7	98	100	101	103	106
Thailand	8	...	...	...	...	...
Vietnam	9	...	...	...	...	...

1.5 External Trade**1.5.1 Export**

Million US\$

Country, Sub-area		2003		2004		2005		2006		2007	
		Total	Fishery Commodity	Total	Fishery Commodity	Total	Fishery Commodity	Total	Fishery Commodity	Total	Fishery Commodity
Total	0	468,962	5,447.49	568,303	3,644.67	647,975	3,761.89	753,561	4,878.95		8,630
Brunei A	1	4,410	...	5,139	...	6,369	...	7,619	...		4
Cambodia A	2	2,027	...	2,476	...	3,092	...	3,514	...		3
Indonesia	3	61,058	1,643.50	71,585	1,780.80	85,660	1,912.90	100,799	...	71,585	2,259
Malaysia	4	104,729	438	126,642	588	140,471	635	160,481	639		623
Myanmar	5	2353.17	306.39	2,783	332.87	3,124	359.99	3,515	...		364
Philippines	6	36,231	524.00	39,680	528.00	41,255	457.00	47,410	505.00	50,466	570
Singapore	7	159,900	336.00	198,554	415.00	229,804	397.00	271,609	377.00	299,003	365
Thailand	8	78,105	...	94,941	...	109,623	...	121,580	...		2,428
Vietnam A	9	20,149	2,199.60	26,503	...	28,577	...	37,034	3,357.95		2,295

Notes :A Figures from ASEAN Statistical Unit, ASEAN Secretariat Website

1.5 External Trade**1.5.2 Import**

Million US\$

Country, Sub-area		2003		2004		2005		2006		2007	
		Total	Fishery	Total	Fishery	Total	Fishery	Total	Fishery	Total	Fishery
			Commodity		Commodity		Commodity		Commodity		Commodity
Total	0	391,337	1,260	492,194	1,507	576,041	1,523	658,499	1,420		3,395
Brunei A	1	1,254	...	1,447	...	1,503	...	1,488	...		25
Cambodia A	2	2,560	...	3,139	...	2,825	...	2,923	...		1
Indonesia	3	32,551	90.80	46,525	154	57,701	127	61,066	...	46,525	143
Malaysia	4	79,002	364	99,149	526	114,213	519	131,001	565		561
Myanmar	5	2,233	2	1,890	1	1,633	...	2,115	...		...
Philippines	6	40,471	79.00	44,039	94	47,418	132	54,078	119	55,514	149
Singapore	7	136,216	623	173,541	732	200,163	745	238,482	736	262,743	794
Thailand	8	74,346	...	93,706	...	117,991	...	127,109	...		1,636
Vietnam A	9	22,704	101	28,758	...	32,594	...	40,237	...		146

Notes :A Figures from ASEAN Statistical Unit, ASEAN Secretariat Website

1.6 Foreign Exchange Rates

per 1 US\$

Country, Sub-area		2003	2004	2005	2006	2007
Brunei (B\$) A	1	1.70	1.64	1.66	1.54	1.51
Cambodia (Riel) A	2	3,984	4,038	4,120	4,065	4,080
Indonesia (Rp)	3	9,100	9,200	9,830	9,050	9,250
Malaysia (M\$)	4	3.80	3.80	3.80	3.67	3.40
Myanmar (Kyat)	5	6.00	6.00	6.00	6.00	6.00
Philippines (Peso)	6	54.20	56.04	55.09	51.31	46.15
Singapore (S\$)	7	1.74	1.69	1.66	1.59	1.51
Thailand (Baht)	8	41.53	40.27	40.30	37.93	34.50
Vietnam (Dong) A	9	16,010	15,739	15,875	16,091	16,121

Notes :A Figures from ASEAN Statistical Unit, ASEAN Secretariat Website

2. ANNUAL SERIES OF FISHERY PRODUCTION

2.1 Total Production

2.1.1 In Quantity

MT

Country, Sub-area		2003	2004	2005	2006	2007
Total	0	20,179,398	21,053,665	22,879,984	24,394,078	25,211,212
Brunei	1	2,160	3,133	3,103	3,100	3,227
Cambodia	A 2	390,657	343,492	546,000	661,542	525,100
Indonesia	3	5,915,988	6,005,622	6,646,965	7,183,586	7,510,767
Malaysia	4	1,483,957	1,537,990	1,402,404	1,596,051	1,654,221
Myanmar	A 5	1,987,020	2,148,580	2,581,780	2,817,990	2,808,037
Philippines	6	3,619,282	3,926,173	4,161,869	4,412,158	4,710,952
Singapore	7	7,109	7,579	7,837	11,675	8,026
Thailand	8	3,914,025	4,137,066	4,132,826	4,051,824	3,675,382
Vietnam	A 9	2,859,200	2,944,030	3,397,200	3,656,152	4,315,500

Notes : A Figures from FAO Yearbook of Fishery Statistics, 2007

2.1.2 In Value

US\$ 1,000

Country, Sub-area		2003	2004	2005	2006	2007
Total	0	14,415,446	15,148,492	16,416,959	15,466,120	23,937,795
Brunei	1	...	3,093	...	...	11,464
Cambodia	A 2	...	42,165	...	...	58,038
Indonesia	3	4,926,927	5,400,146	6,218,941	6,712,275	7,683,427
Malaysia	4	1,371,328	1,419,854	1,497,406	1,706,864	1,855,326
Myanmar	A 5	...	...	...	...	1,862,403
Philippines	6	2,211,556	2,477,630	2,657,342	3,184,066	3,912,137
Singapore	7	13,769	14,793	16,071	20,945	23,319
Thailand	8	3,177,036	3,433,830	3,081,549	3,841,970	3,986,931
Vietnam	A 9	2,714,830	2,356,981	2,945,650	...	4,544,750

2.2 Marine Fishery Production**2.2.1 In Quantity**

			MT				
Country, Sub-area			2003	2004	2005	2006	2007
Total	0		13,188,568	13,380,841	13,586,961	13,938,748	14,056,985
Brunei	1		1,985	2,425	2,390	2,390	2,553
Cambodia	A	2	55,607	55,817	60,000	60,500	54,900
Indonesia		3	4,383,103	4,320,241	4,408,499	4,512,191	4,734,280
Malaysia		4	1,283,256	1,331,645	1,209,601	1,379,859	1,381,424
Myanmar	A	5	1,132,340	1,220,030	1,375,670	1,525,000	1,485,740
Philippines		6	2,031,487	2,067,128	2,122,216	2,154,802	2,327,815
Singapore		7	2,085	2,173	1,920	3,103	3,522
Thailand		8	2,651,223	2,635,969	2,615,565	2,484,803	2,079,351
Vietnam	A	9	1,647,482	1,745,413	1,791,100	1,816,100	1,987,400

Notes : A Figures from FAO Yearbook of Fishery Statistics, 2007

2.2.2 In Value

			US\$ 1,000				
Country, Sub-area			2003	2004	2005	2006	2007
Total	0		7,958,439	7,404,747	8,093,827	9,091,274	10,421,046
Brunei	1		...	...	...	...	8,252
Cambodia	A	2	...	...	...	...	...
Indonesia		3	2,927,590	3,164,160	3,726,394	4,106,402	4,867,641
Malaysia		4	1,056,213	1,102,293	1,147,093	1,346,434	1,493,332
Myanmar	A	5	...	...	...	...	...
Philippines		6	1,459,196	1,597,362	1,680,729	1,997,578	2,451,954
Singapore		7	6,336	6,269	6,100	11,468	14,269
Thailand		8	1,545,135	1,534,663	1,533,511	1,629,392	1,585,599
Vietnam	A	9	963,969	...	...	...	...

2.3 Inland Fishery Production

2.3.1 In Quantity

Country, Sub-area		2003	2004	2005	2006	2007
		MT				
Total	0	1,615,921	1,429,167	1,858,489	2,107,143	1,979,891
Brunei	1	15	...	10	10	...
Cambodia	A 2	308,750	250,000	444,000	559,642	420,000
Indonesia	3	308,693	330,880	297,370	293,921	310,457
Malaysia	4	3,828	4,119	4,583	4,164	4,283
Myanmar	A 5	454,320	502,550	631,120	718,000	717,640
Philippines	6	133,292	142,018	143,806	165,081	168,311
Singapore	7	...	...	...	...	...
Thailand	8	198,400	199,600	198,800	214,000	225,600
Vietnam	A 9	208,623	...	138,800	152,325	133,600

Notes : A Figures from FAO Yearbook of Fishery Statistics, 2007

2.3.2 In Value

Country, Sub-area		2003	2004	2005	2006	2007
		US\$ 1,000				
Total	0	615,994	541,901	611,950	596,877	769,464
Brunei	1	...	...	...	...	...
Cambodia	A 2	...	...	...	...	...
Indonesia	3	257,779	268,990	323,827	264,372	368,247
Malaysia	4	6,614	7,811	9,187	8,455	9,013
Myanmar	A 5	...	...	...	...	...
Philippines	6	66,029	80,442	84,077	101,477	125,464
Singapore	7	...	...	...	...	...
Thailand	8	170,236	184,658	194,859	222,573	266,740
Vietnam	A 9	115,336	...	...	...	...

2.4 Aquaculture Production**2.4.1 In Quantity**

MT

Country, Sub-area		2003	2004	2005	2006	2007
Total	0	5,374,909	6,243,657	7,434,534	8,348,187	9,174,336
Brunei	1	160	708	703	700	674
Cambodia A	2	26,300	37,675	42,000	41,400	50,200
Indonesia	3	1,224,192	1,354,501	1,941,096	2,377,474	2,466,030
Malaysia	4	196,873	202,226	188,220	212,028	268,514
Myanmar A	5	400,360	426,000	574,990	574,990	604,657
Philippines	6	1,454,503	1,717,027	1,895,847	2,092,275	2,214,826
Singapore	7	5,024	5,406	5,917	8,572	4,504
Thailand	8	1,064,402	1,301,497	1,318,461	1,353,021	1,370,431
Vietnam A	9	1,003,095	1,198,617	1,467,300	1,687,727	2,194,500

Notes : A Figures from FAO Yearbook of Fishery Statistics, 2007

2.4.2 In Value

US\$ 1,000

Country, Sub-area		2003	2004	2005	2006	2007
Total	0	5,841,013	7,201,844	7,711,182	5,777,969	12,747,286
Brunei	1	...	3,093	...	...	3,212
Cambodia A	2	...	42,165	...	...	58,038
Indonesia	3	1,741,558	1,966,996	2,168,720	2,341,501	2,447,539
Malaysia	4	308,501	309,750	341,126	351,975	352,981
Myanmar A	5	...	...	...	...	1,862,403
Philippines	6	686,331	799,826	892,536	1,085,011	1,334,719
Singapore	7	7,433	8,524	9,971	9,477	9,052
Thailand	8	1,461,664	1,714,509	1,353,179	1,990,005	2,134,592
Vietnam A	9	1,635,525	2,356,981	2,945,650	...	4,544,750

3. FISHERY PRODUCTION BY SUB-SECTOR

3.1 In Quantity

MT

Country, Sub-area	Year	Total	Marine fishery (capture only)			
			Sub-total	Small-scale Fishery	Large-scale Fishery	
Total	0	2007	25,211,211	14,056,985	468,639	2,998,211
Brunei	1	2007	3,227	2,553	310	2,244
Cambodia A	2	2007	525,100	54,900	...	...
Indonesia	3	2007	7,510,767	4,734,280	...	...
Malaysia	4	2007	1,654,220	1,381,424	285,920	1,095,504
Myanmar A	5	2007	2,808,037	1,485,740	...	...
Philippines	6	2007	4,710,952	2,327,815	...	...
Singapore	7	2007	8,026	3,522	...	...
Thailand	8	2007	3,675,482	2,079,351	178,887	1,900,464
Vietnam A	9	200	4,315,500	1,987,400	...	...

Notes : A Figures from FAO Yearbook of Fishery Statistics, 2007

3.1 In Quantity (cont'd)

MT

Country, Sub-area	Year	Inland fishery (capture only)	Aquaculture			
			Sub-total	Mari-culture	Brackish-water culture	Fresh-water culture
Total	0	1,979,891	9,174,891	3,818,848	2,063,196	3,292,292
Brunei	1	...	674	...	611	63
Cambodia A	2	420,000	50,200	16,630	...	33,570
Indonesia	3	310,457	2,466,030	1,509,062	629,797	327,171
Malaysia	4	4,283	268,514	144,794	53,656	70,064
Myanmar A	5	717,640	604,657	...	48,303	556,354
Philippines	6	168,311	2,214,826	1,626,206	294,495	294,125
Singapore	7	...	4,504	4,159	...	345
Thailand	8	225,600	1,370,431	309,497	535,834	525,100
Vietnam A	9	133,600	2,194,500	208,500	500,500	1,485,500

Notes : A Figures from FAO Yearbook of Fishery Statistics, 2007

3.2 In Value

US\$ 1,000

Country, Sub-area	Year	Total	Marine fishery (capture only)		
			Sub-total	Small-scale Fishery	Large-scale Fishery
Total	0	23,937,795	10,421,045	1,281,145	1,193,326
Brunei	1	11,464	8,252	1,001	7,249
Cambodia	2	58,038	...	...	...
Indonesia	3	7,683,427	4,867,641	...	...
Malaysia	4	1,855,326	1,493,332	...	...
Myanmar	5	1,862,403	...	...	...
Philippines	6	3,912,137	2,451,954	1,265,877	1,186,077
Singapore	7	23,319	14,267	14,267	...
Thailand	8	3,986,931	1,585,599	...	...
Vietnam	9	4,544,750	...	...	...

3.2 In Value (cont'd)

US\$ 1,000

Country, Sub-area	Inland fishery (capture only)	Aquaculture				
		Sub-total	Mari-culture	Brackish-water culture	Fresh-water culture	
Total	0	769,464	12,747,286	929,804	6,037,915	5,779,567
Brunei	1	...	3,212	...	3,212	...
Cambodia	2	...	58,038	5,300	1,672,408	52,738
Indonesia	3	368,247	2,447,539	432,802	239,408	342,329
Malaysia	4	9,013	352,981	23,238	193,212	90,689
Myanmar	5	...	1,862,403	...	714,106	1,669,191
Philippines	6	125,464	1,334,719	270,984	...	349,629
Singapore	7	...	9,052	7,980	...	1,072
Thailand	8	266,740	2,134,592	...	1,523,423	611,169
Vietnam	9	...	4,544,750	189,500	1,692,500	2,662,750

4. MARINE FISHERY STATISTICS

4.1 Number of Fishing Establishments by Type of Management

Country, Sub-area	Year	Total	Individual manage- ment	Joint manage- ment	Co- operative society	Company		Other	
						Private Company	State Company		
Brunei	1	2007	3,477	3,039	...	...	438	...	...
Cambodia	2	2007	...	...	...	...	...	...	...
Indonesia	3	2007	604,937	...	...	...	...	...	...
West Sumatra	4	2007	39,833	...	...	...	...	...	...
South Jawa	5	2007	22,452	...	...	...	...	...	...
Malaka Strait	6	2007	36,577	...	...	...	...	...	...
East Sumatra	7	2007	63,739	...	...	...	...	...	...
North Jawa	8	2007	75,127	...	...	...	...	...	...
Bali, Nusatengara, Timor	9	2007	78,240	...	...	...	...	...	...
South/West Kalimantan	10	2007	21,821	...	...	...	...	...	...
East Kalimantan	11	2007	36,014	...	...	...	...	...	...
South Sulawesi	12	2007	75,709	...	...	...	...	...	...
North Sulawesi	13	2007	62,444	...	...	...	...	...	...
Maluku - Irian Jaya	14	2007	92,981	...	...	...	...	...	...
Malaysia	15	2007	...	...	...	...	...	...	...
Myanmar	16	2007	...	...	...	...	...	...	...
Philippines A	17	2002	1,788,907	1,759,096	19,329	1,089	1,401	79	7,913
Singapore	18	2007	...	...	...	...	...	...	...
Thailand	19	2007	57,801	56,896	868	...	37	...	...
Gulf of Thailand	20	2007	37,098	36,495	586	...	17	...	...
Indian Ocean	21	2007	20,703	20,401	282	...	20	...	...
Vietnam	22	2007	...	...	...	...	...	...	...

Note : A Figures from Fisheries Census 2002

4.2 Number of Fishing Establishment by Size of Management

Country, Sub-area	Year	Total	Without boat	With non-powered boat	Out-board powered boat		
					Total	Out-board powered boat	
Brunei	1	2007	3,128	...	460	2,668	2,630
Cambodia	2	2007	...	...	...	...	...
Indonesia	3	2007	604,937	71,577	217,091	316,269	170,215
West Sumatra	4	2007	39,833	9,821	15,456	14,556	8,313
South Jawa	5	2007	22,452	2,962	16,796	13,476	3,320
Malaka Strait	6	2007	36,577	643	9,203	26,731	1,900
East Sumatra	7	2007	63,739	9,737	13,819	40,183	7,623
North Jawa	8	2007	75,127	2,381	5,483	67,263	53,412
Bali, Nusatenggara, Timor	9	2007	78,240	16,665	30,643	30,932	23,482
South/West Kalimantan	10	2007	21,821	903	3,734	17,184	4,773
East Kalimantan	11	2007	36,014	1,222	3,653	31,139	4,551
South Sulawesi	12	2007	75,709	11,980	28,595	35,134	21,767
North Sulawesi	13	2007	62,444	1,568	38,940	21,936	20,302
Maluku - Irian Jaya	14	2007	92,981	13,695	64,871	14,415	10,616
Malaysia	15	2007	...	...	...	...	...
Myanmar	16	2007	...	...	...	...	...
Philippines	17	2007	...	...	...	...	...
Singapore	18	2007	144	...	...	144	125
Thailand	19	2007	58,119	...	2,639	55,480	42,217
Gulf of Thailand	20	2007	36,963	...	1,181	35,782	24,263
Indian Ocean	21	2007	21,156	...	1,458	19,698	17,954
Vietnam	22	2007	...	...	...	...	...

4.3 Number of Fishing Boats by Type and by Tonnage

Country, Sub-area	Year	Total	Non-powered boat			
				Sub-total	Out-board powered boat	
Brunei	1	2007	...	...	...
Cambodia	2	2007	...	...	...
Indonesia	3	2007	590,314	241,889	348,040	185,509
West Sumatra	4	2007	31,875	16,115	15,760	8,679
South Jawa	5	2007	21,382	2,719	18,663	14,989
Malaka Strait	6	2007	38,975	9,772	29,203	3,398
East Sumatra	7	2007	57,123	14,483	42,640	8,242
North Jawa	8	2007	77,664	5,653	71,703	55,224
Bali,Nusatenggara,Timor	9	2007	65,988	33,135	32,849	24,259
South/West Kalimantan	10	2007	23,830	4,990	18,840	5,394
East Kalimantan	11	2007	38,061	4,219	33,842	5,351
South Sulawesi	12	2007	79,595	35,751	43,844	25,529
North Sulawesi	13	2007	67,199	41,937	25,218	23,104
Maluku - Papua	14	2007	88,616	73,115	15,478	11,340
Malaysia	15	2007	39,221	2,645	36,576	18,458
Myanmar	16	2007	...	...	...	...
Philippines	17	2007	788,526	...	...	...
Singapore	18	2007	...	...	...	...
Thailand	19	2007	13,056	...	13,056	...
Gulf of Thailand	20	2007	11,395	...	11,395	...
Indian Ocean	21	2007	1,661	...	1,661	...
Vietnam	22	2007	...	...	...	...

Notes: A In-board powered boat ranges 20-40 tons
 B In-board powered boat ranges more than 40 tons

4.4 Number of Fishermen by Working Status

Country, Sub-area		Year	Total	Full-time fishermen	Part-time fishermen (Mainly engaged in fishing)	Part-time fishermen (Partly engaged in fishing)
Brunei	1	2007	5,991	1,650	...	4,341
Cambodia	2	2007	...	...	...	...
Indonesia	3	2007	2,231,967	1,095,399	805,011	331,557
West Sumatra	4	2007	118,443	90,832	21,029	6,582
South Jawa	5	2007	86,906	44,566	28,951	13,389
Malaka Strait	6	2007	191,486	150,511	34,555	6,420
East Sumatra	7	2007	273,975	152,585	84,744	36,646
North Jawa	8	2007	359,110	239,114	89,554	30,442
Bali,Nusatenggara,Timor	9	2007	217,851	89,718	80,161	37,972
South/West Kalimantan	10	2007	108,610	45,723	44,696	18,191
East Kalimantan	11	2007	193,319	77,333	80,489	35,497
South Sulawesi	12	2007	278,929	58,480	187,097	33,352
North Sulawesi	13	2007	173,709	61,163	70,402	42,144
Maluku - Papua	14	2007	229,629	85,374	73,333	70,922
Malaysia	15	2007	99,617	99,617	...	...
Myanmar	16	2007	...	...	...	...
Philippines	17	2007	1,786,948	...	...	...
Singapore	18	2007	122	122	...	...
Thailand	19	2007	168,140	168,140	...	...
Gulf of Thailand	20	2007	75,376	75,376	...	...
Indian Ocean	21	2007	92,764	92,764	...	...
Vietnam	22	2007	...	...	...	...

4.5 Number of Fishing Units by Size of Boat

4.5.1 Indonesia (2007)

Type of Fishing Gear	Total	Out-board powered boat	In-board powered boat						
			Sub- total	Less than 5 tons	5-10 tons	10-20 tons	20-50 tons	50-100 tons	
BED Equiped shrimp net	1	10,057	...	...	...	...	...	...	...
Seine nets	2	79,476	...	...	...	...	...	...	...
Purse seine	3	22,741	...	...	...	...	...	...	...
Gill nets	4	375,244	...	...	...	...	...	...	...
Lift nets	5	57,975	...	...	...	...	...	...	...
Traps	6	136,693	...	...	...	...	...	...	...
Hook and lines	7	483,500	...	...	...	...	...	...	...
Shellfish collection	8	8,618	...	...	...	...	...	...	...
Seaweed collection	9	2,660	...	...	...	...	...	...	...
Muroami (incl. Mallalugis)	10	1,004	...	...	...	...	...	...	...
Sea cucumber gear	11	2,889	...	...	...	...	...	...	...
Crab gear	12	9,111	...	...	...	...	...	...	...
Cast net	13	4,071	...	...	...	...	...	...	...
Harpoon, Cast nets, etc.	14	43,758	...	...	...	...	...	...	...

4.5 Number of Fishing Units by Size of Boat

4.5.2 Malaysia (2007)

Type of Fishing Gear	Total	Out-board powered boat	Non - Powered boat	In-board powered boat							
				Sub- total	Less than 5 tons	5-10 tons	10-20 tons	20-40 tons	40-70 tons	70&Above tons	
Trawl Nets	1	4,026	...	...	4,026	3	53	806	1,852	1,054	258
Fish Purse Seines	2	819	...	...	819	1	9	70	138	316	285
Anchovy Purse Seines	3	108	...	...	108	...	6	19	6	10	67
Other Seines	4	668	13	...	665	47	591	16	1	...	...
Gill/Drift Nets	5	15,048	10,611	44	4,393	1,049	2,157	1,099	87	1	...
Lift Nets	6	46	13	...	33	7	15	11	...	...	...
Stationary Traps	7	...	...	...	...	...	...	...	...	...	...
Portable Traps	8	295	42	...	253	...	...	...	...	...	...
Hooks & Lines	9	2,013	861	...	1,152	195	445	406	65	3	38
Bag Nets	10	274	19	60	195	12	149	34	...	...	...
Barrier Nets	11	14	7	...	7	...	6	1	...	...	...
Push/Scoop Nets	12	...	...	...	...	...	...	...	...	...	...
Shellfish Collection	13	353	165	109	79	12	5	13	...	...	...
Fish Carriers	14	25	2	...	23	1	17	4	1	...	...
Miscellaneous	15	541	175	9	357	13	78	73	190	3	...

4.5 Number of Fishing Units by Size of Boat
4.5.3 Myanmar (2007)

Type of Fishing Gear	Total	Out-board powered boat	Non - powered boat	In-board powered boat							
				Sub- total	Less than 5 tons	5-10 tons	10-20 tons	20-40 tons	40-70 tons	70 & Above tons	
Trawlers	1	770	...	...	770	...	...	...	...	...	...
Purse seines	2	152	...	...	152	...	...	...	...	...	...
Seines Others	3	...	...	...	...	...	...	...	...	...	...
Gill/Drift Nets	4	522	...	...	522	...	...	...	...	...	...
Lift Nets	5	...	...	...	...	...	...	...	...	...	...
Trap Setting	6	151	...	...	151	...	...	...	...	...	...
Hooks & Lines	7	248	...	...	248	...	...	...	...	...	...
Bag Nets	8	...	...	...	...	...	...	...	...	...	...
Barrier Nets	9	...	...	...	...	...	...	...	...	...	...
Shellfish Collection	10	...	...	...	...	...	...	...	...	...	...
Fish Carriers	11	...	...	...	...	...	...	...	...	...	...
Squid Fishing	12	...	...	...	...	...	...	...	...	...	...
Miscellaneous	13	20	...	...	20	...	...	...	...	...	...

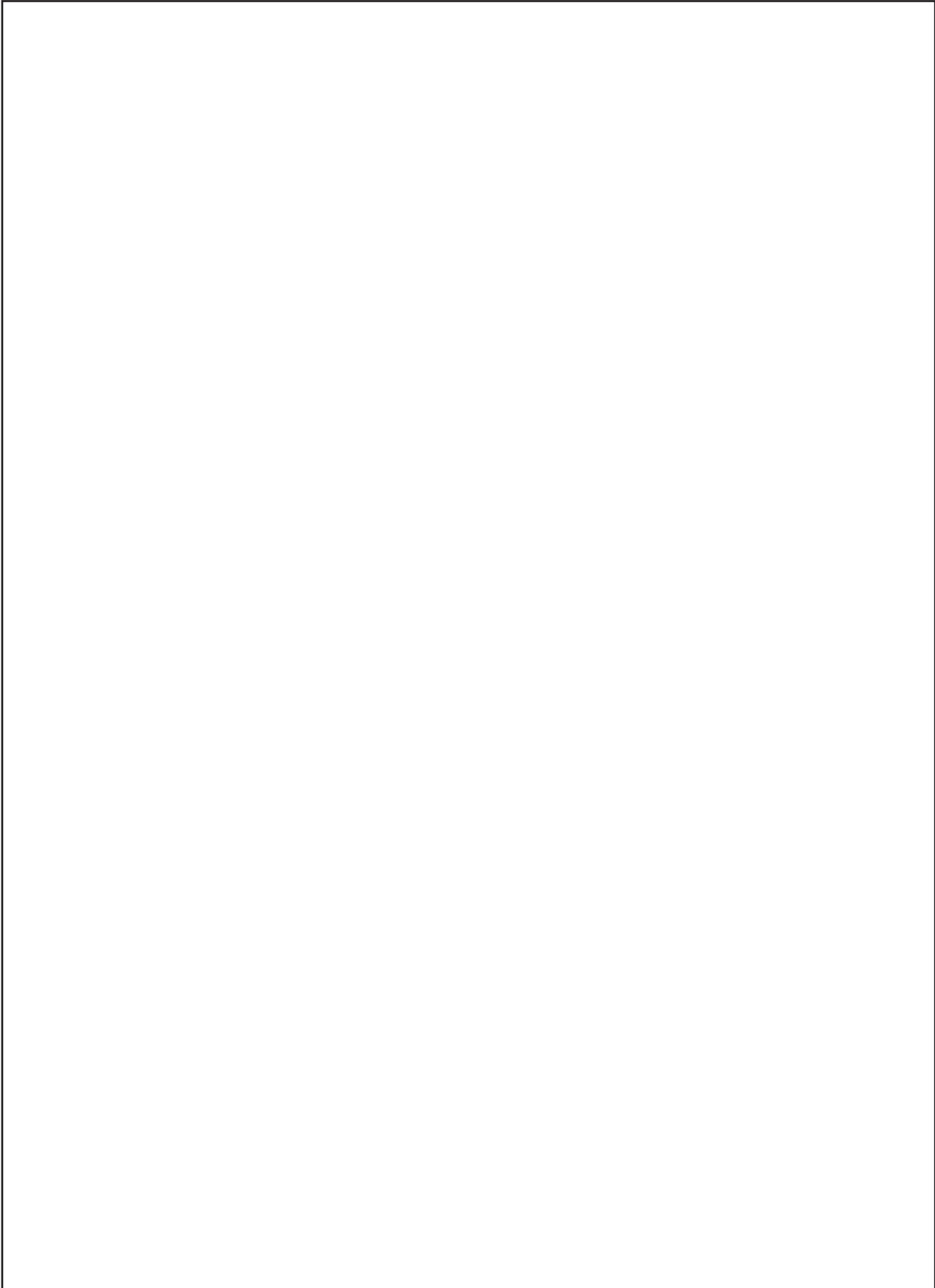
4.5 Number of Fishing Units by Size of Boat
4.5.4 Singapore (2007)

Type of Fishing Gear	Total	Out-board powered boat	In-board powered boat								
			Sub- total	Less than 5 tons	5-10 tons	10-20 tons	20-50 tons	50-100 tons	100-200 tons	200-500 tons	More than 500 tons
Bottom Gill Net	1	3	3	...	...	...	...	...	...	...	...
Drift Net	2	38	34	4	1	3	...	...	...	...	...
Trammel Net	3	7	7	...	...	...	...	...	...	...	...
Trap Setters	4	2	...	2	...	...	...	2	...	...	...
Trawlers	5	9	...	9	...	...	...	8	1	...	...
Others	6	85	81	4	...	2	1	1	...	...	...

4.5 Number of Fishing Units by Size of Boat**4.5.5 Thailand (2007)**

4.5.5.2 Indian Ocean

Type of Fishing Gear	Total	Out-board powered boat	In-board powered boat									
			Sub- total	Less than 5 tons	5-10 tons	10-20 tons	20-50 tons	50-100 tons	100-200 tons	200-500 tons	500 tons and over	
Otter trawl	1	492	...	492	25	14	65	198	185	5	...	...
Pair trawl	2	146	...	146	...	...	16	83	46	1	...	...
Beam trawl	3	46	...	46	4	6	18	18	...	...	...	...
Purse seine	4	212	...	212	...	3	12	81	98	16	2	...
Anchovy purse seine	5	67	...	67	...	6	7	10	40	4	...	...
Spanish mackerel gill net	6	39	...	39	...	...	10	13	16	...	...	...
Indo-Pacific mackerel gill net	7	46	...	46	45	1	...	...	...	...	...	...
Crab gill net	8	112	...	112	70	32	5	3	2	...	...	...
Shrimp gill net	9	170	...	170	118	31	21	...	...	...	...	...
Other gill net	10	85	...	85	33	22	7	11	7	3	2	...
Squid falling net	11	148	...	148	2	34	56	50	6	...	...	...
Anchovy falling net	12	82	...	82	2	9	37	31	3	...	...	...
Push net	13	1	...	1	1	...	...	...	...	...	...	...
Other gear	14	2	...	2	2	...	...	...	...	...	...	...
Long line	15	13	...	13	...	1	1	6	3	2	...	...



4.6 Catch of Marine Fishery by Species, 2007

4.6.1 In Quantity

Country, Sub-area	GRAND TOTAL	Total for Fishes	2.Diadromous			3.Marine fishes		
			24.Shads, milkfish, etc.		25.Misc. Diadromous	31.Flounders, halibuts, soles, etc.		
			Shads (2401)	Milk milkfish (2402)	Barramundi (2501)	Sub-total	Flounders (3101)	
Total	0	14,056,985	12,396,854	7,134	21,958	93,396	38,910	...
Brunei	1	2,553	2,286	3	...	1	8,478	...
Cambodia A	2	54,900	37,000	...	...	...	...	...
Indonesia	3	4,734,280	4,232,722	...	...	90,869	20,505	...
Malaysia	4	1,381,424	1,201,873	6,197	21,545	1,805	8,167	...
Myanmar A	5	1,485,740	1,485,740	...	...	...	...	...
Philippines	6	2,327,815	2,179,094	934	413	585	895	...
Singapore	7	3,522	2,655	...	...	30	...	...
Thailand	8	2,079,351	1,810,635	...	...	106	9,335	...
Gulf of Thailand	9	1,447,898	1,254,653	...	...	35	4,043	...
Indian Ocean	10	631,453	567,831	...	...	71	5,292	...
Vietnam A	11	1,987,400	1,433,000	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Capture Production, 2007

* Sharp-toothed pike eels, conger eels.

4.6 Catch of Marine Fishery by Species, 2007

4.6.1 In Quantity (cont'd)

Country, Sub-area		3. Marine fishes						
		33. Red fishes, basses, congers, etc.						
		Red snappers (3307)	Other snappers (3308)	Fusiliers (3309)	Threadfin breams (3310)	Pony fishes (3311)	Grunters & sweetlips (3312)	Drums & croakers (3313)
Total	0	148,474	5,610	85,591	255,193	157,129	32,329	136,965
Brunei	1	12	22	1	8	28	5	12
Cambodia A	2	...	...	...	...	...	...	...
Indonesia	3	116,994	1,758	65,373	70,890	92,249	24,704	57,488
Malaysia	4	6,133	3,776	985	36,200	2,196	2,782	27,015
Myanmar A	5	...	...	...	...	...	...	...
Philippines	6	15,841	...	19,230	55,563	62,614	4,780	4,539
Singapore	7	74	54	2	71	42	58	81
Thailand	8	9,420	...	...	92,461	...	...	43,830
Gulf of Thailand	9	5,443	...	...	64,211	...	...	29,989
Indian Ocean	10	3,977	...	...	28,250	...	...	13,841
Vietnam A	11	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Capture Production, 2007

4.6 Catch of Marine Fishery by Species, 2007

4.6.1 In Quantity (cont'd)

Country, Sub-area		3. Marine fishes						
		34. Jacks, mullets, sauries, etc.						
		Mullets (3403)	Threadfins (3404)	Round scads (3405)	Jacks, cavalia, trevallies (3406)	Selar scads (3407)	Hardtail scad (3408)	Queen- fishes (3409)
Total	0	62,585	49,000	790,188	178,921	342,687	95,023	32,566
Brunei	1	1	0	275	23	152	17	9
Cambodia A	2	...	...	...	...	...	...	...
Indonesia	3	38,960	40,760	311,127	64,327	142,706	39,603	17,779
Malaysia	4	2,923	3,869	89,959	11,083	70,007	22,108	3,390
Myanmar A	5	...	...	...	...	...	...	...
Philippines	6	16,194	3,756	320,215	64,993	95,028	18,350	7,777
Singapore	7	16	55	...	77	62	75	31
Thailand	8	4,491	560	68,612	38,418	34,732	14,870	3,580
Gulf of Thailand	9	2,216	443	45,347	28,021	27,808	2,701	1,927
Indian Ocean	10	2,275	117	23,265	10,397	6,924	12,169	1,653
Vietnam A	11	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Capture Production, 2007

4.6 Catch of Marine Fishery by Species, 2007

4.6.1 In Quantity (cont'd)

Country, Sub-area		3. Marine fishes							
		36. Tunas							
		Sub-total	Skipjack tuna (3601)	Yellowfin tuna (3602)	Big-eye tuna (3603)	Longtail tuna (3604)	Albacore (3605)	Eastern little tuna (3606)	Frigate & bullet tuna (3607)
Total	0	1,906,887	487,494	242,820	86,706	220,951	34,335	275,429	330,691
Brunei	1	122	99	0	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	1,035,651	301,531	103,655	52,489	117,941	34,335	143,101	138,471
Malaysia	4	66,641	...	2,674A	...	35,964	...	13,634	138,471
Myanmar A	5	...	...	...	...	...	...	...	748
Philippines	6	650,986	185,864	134,491	34,217	...	...	73,094	191,472
Singapore	7	83	...	...	...	...	...	...	...
Thailand	8	133,404	...	...	...	67,046	...	45,600	...
Gulf of Thailand	9	116,649	...	...	...	62,072	...	39,076	...
Indian Ocean	10	16,755	...	...	...	4,974	...	6,524	...
Vietnam A	11	20,000	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Capture Production, 2007

B Figures include Yellowfin tuna and Big-eye tuna

** Indo-Pacific swordfish, sailfishes and marlins

4.6 Catch of Marine Fishery by Species, 2007

4.6.1 In Quantity (cont'd)

Country, Sub-area		3. Marine fishes		Sub-total	4. Crustaceans				
		39. Miscellaneous marine fishes			42. Crabs			43. Lobsters	
		Misc. fishes (3901)	Trash fish (3902)		Swimming crabs (4201)	Mangrove crab (4202)	Other crab (4203)	Spiny lobsters (4301)	Slipper lobster (4302)
Total	0	3,685,186	926,332	787,943	97,846	32,503	248,370	6,697	2,644
Brunei	1	1	...	192	4	0	...	1	0
Cambodia A	2	37,000	...	...	...	...	...	...	...
Indonesia	3	523,159	...	316,391	30,421	25,641	...	4,705	...
Malaysia	4	68,744	342,972	84,677	9,568	2,470	...	199	712
Myanmar A	5	1,485,740	...	...	...	...	30,000	...	...
Philippines	6	16,671	...	75,288	33,536	1,023	...	182	37
Singapore	7	458	284	658	96	23	...	20	24
Thailand	8	140,413	583,076	98,338	24,221	3,346	7,570	...	1,871
Gulf of Thailand	9	88,070	367,505	70,321	16,638	1,936	4,425	...	1,457
Indian Ocean	10	52,343	215,571	28,017	7,583	1,410	3,145	...	414
Vietnam A	11	1,413,000	...	212,400	...	...	210,800	1,600	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Capture Production, 2007

MT

4.Crustaceans			Misc. marine crustaceans (4701)	Sub-total	5.Molluscs					
45.Shrimps, prawns, etc.					53.Oysters		54.Mussels	55.Scallops, pectens, etc.	56.Cockles, clams, etc.	
Tiger prawn (4501)	Penaeid prawns (4502)	Other prawns (4503)			Flat oysters (5301)	Cupped oysters (5302)	Sea mussels (5401)	Scallops (5501)	Blood cockles (5601)	Clams and cone shells (5602)
47,160	175,691	202,023	5,009	841,372	...	693	550	2,272	65,846	7,922
0	169	17	...	73	...	...	...	...	...	...
...	...	...	...	17,900	...	...	...	...	...	...
42,036	122,128	90,107	1,353	170,822	...	609	420	2,004	64,641	7,883
1,574	29,173	40,981	...	90,806	...	...	99	...	...	...
...
872	23,068	12,914	3,656	69,387	...	84	31	31	1	39
...	...	505	...	209	...	...	...	...	...	...
2,678	1,153	57,499	...	150,175	...	...	...	237	1,204	...
1,682	1,014	43,169	...	114,601	...	...	...	237	1,204	...
996	139	14,330	...	35,574	...	...	...	...	...	...
...	...	...	...	342,000	...	...	...	...	...	...

4.6 Catch of Marine Fishery by Species, 2007

4.6.1 In Quantity (cont'd)

Country, Sub-area		5.Molluscs				7.Miscellaneous aquatic animals			
		57.Cuttlefishes, squids and octopuses			58.Misc. marine molluscs (5801)	Sub-total	72.Turtles and other reptiles	75.Sea urchins, Sea cucumbers and other echinoderms	
		Cuttle-fishes (5701)	Squids (5702)	Octo-puses (5703)			Sea turtles (7201)	Sea urchins (7501)	Sea cucumbers (7502)
Total	0	91,534	254,395	26,339	396,821	22,342	196	107	5,127
Brunei	1	4	69	...	...	3	...	...	3
Cambodia A	2	...	...	...	17,900	...	...	...	...
Indonesia	3	21,657	63,425	6,974	3,209	8,932	196	...	4,273
Malaysia	4	23,381	59,729	2,161	5,436	4,068	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippines	6	1,368	64,139	3,497	197	985	...	107	851
Singapore	7	61	148	...	...	...	...	...	...
Thailand	8	45,063	66,885	13,707	23,079	8,354	...	...	...
Gulf of Thailand	9	30,101	53,489	8,957	20,613	8,323	...	...	...
Indian Ocean	10	14,962	13,396	4,750	2,466	31	...	...	...
Vietnam A	11	...	...	...	342,000	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Capture Production, 2007

4.6 Catch of Marine Fishery by Species, 2007

4.6.2 In Value

Country, Sub-area	GRAND TOTAL	Total for Fishes	2.Diadromous			3.Marine fishes		
			24.Shads, milkfish, etc.		25.Misc. Diadromous	31.Flounders, halibuts, soles, etc.		
			Shads (2401)	Milk fish (2402)	Barramundi (2501)	Sub-total	Flounders (3101)	
Total	0	10,421,046	5,785,601	4,026	17,045	142,218	38,047	...
Brunei	1	8,252	6,732	6	...	4	30	...
Cambodia	2	...	...	...	...	...	...	...
Indonesia	3	4,867,641	3,731,455	...	...	135,328	18,034	...
Malaysia	4	1,493,332	1,050,465	4,020	17,045	6,411	10,110	...
Myanmar	5	...	...	...	...	...	...	...
Philippines	6	2,451,954	...	...	...	...	...	...
Singapore	7	14,269	8,134	...	...	149	...	...
Thailand	8	1,585,599	988,816	...	...	327	9,874	...
Gulf of Thailand	9	1,117,661	689,285	...	...	90	4,309	...
Indian Ocean	10	467,938	299,530	...	...	237	5,564	...
Vietnam	11	...	...	...	...	...	...	...

Note : * Sharp-toothed pike eels, conger eels

4.6 Catch of Marine Fishery by Species, 2007

4.6.2 In Value (cont'd)

Country, Sub-area		3. Marine fishes							
		36. Tunas							
		Sub-total	Skipjack tuna (3601)	Yellowfin tuna (3602)	Big-eye tuna (3603)	Longtail tuna (3604)	Albacore (3605)	Eastern little tuna (3606)	Frigate & bullet tuna (3607)
Total	0	1,290,315	275,167	133,140	61,846	208,694	45,283	154,511	107,974
Brunei	1	379	280	...	...	...	...	...	...
Cambodia	2	...	...	...	...	...	...	...	...
Indonesia	3	1,030,851	274,887	125,399	61,846	103,385	45,283	108,002	107,279
Malaysia	4	111,175	...	7,741	...	42,259	...	14,181	695
Myanmar	5	...	...	...	...	...	...	...	...
Philippines	6	...	...	...	...	...	...	...	...
Singapore	7	420	...	...	...	...	...	...	...
Thailand	8	147,490	...	...	...	63,050	...	32,328	...
Gulf of Thailand	9	124,946	...	...	...	...	...	...	...
Indian Ocean	10	22,544	...	...	...	4,678	...	4,625	...
Vietnam	11	...	...	...	...	...	...	...	...

Note : ** Indo-Pacific swordfish, sailfishes and marlins

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species

4.7.1 Malaysia

Type of Fishing Gear		Total	Shads (2401)	MilkFish (2402)	Barramundi (2501)	Indian halibuts (3102)	Tongue soles (3103)	Marine catfishes (3301)
Total	0	1,379,859	6,063	19,975	1,788	2,395	4,912	11,656
Large-scale fishery								
Sub-total	1	1,090,731	1,789	13,017	333	2,183	3,777	5,634
Purse seine	2	327,591	96	4637	1	-	-	388
Anchovy purse seine	3	13,587	-	1	-	-	-	15
Trawl	4	749,553	1,693	8,379	332	2,183	3,777	5,231
Small-scale fishery								
Sub-total	5	289,128	4,274	6,958	1,455	212	1,135	6,022
Other seines	6	15,626	86	239	6	4	22	74
Gill/Drift net	7	138,678	4,011	6,653	488	150	1,056	4,459
Lift net	8	19,254	4	-	10	11	17	47
Stakes/Traps	9	18,899	117	6	248	47	25	262
Hook-and-line	10	60,301	2	1	668	-	-	931
Push/Scoop net	11	6,290	3	-	10	-	-	43
Shellfish collection	12	1,430	-	-	-	-	-	-
Bag net	13	21,112	-	51	1	-	8	16
Others	14	7,538	51	8	24	-	7	190
Total (In value US\$ 1,000)	15	1,346,434	3,632	9,888	5,174	3,920	5,275	11,396

MT									
Catfish eels (3302)	Lizard fishes (3303)	Sharp-toothed pike eels, conger eels, (3304)	Groupers (3305)	Sillago whittings (3306)	Red snappers (3307)	Other snappers (3308)	Fusiliers (3309)	Threadfin breams (3310)	Pony fishes (3311)
2,588	24,173	4,120	9,022	2,604	6,343	3,737	1,493	35,879	2,301
344	24,055	2,127	3,127	2,045	2,019	835	59	27,657	1,700
-	1	-	-	8	4	33	20	-	156
-	-	-	-	-	-	-	-	-	1
344	24,054	2,127	3,127	2,037	2,015	802	39	27,657	1,543
2,244	118	1,993	5,895	559	4,324	2,902	1,434	8,222	601
33	-	-	2	-	-	-	20	-	3
1,232	100	534	621	535	799	635	79	936	173
-	9	5	9	3	23	9	-	12	358
308	8	470	2,176	-	1,066	603	486	-	46
489	1	984	3,061	20	2,424	1,651	808	6,268	-
7	-	-	2	1	-	-	-	1,006	-
-	-	-	-	-	-	-	-	-	-
5	-	-	1	-	12	1	-	-	-
170	-	-	23	-	-	3	41	-	21
7,437	6,568	9,013	32,362	3,914	16,398	11,817	3,160	33,624	1,182

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species

4.7.1 Malaysia (cont'd)

Type of Fishing Gear		Grunters & sweetlips (3312)	Drums & croakers (3313)	Goatfishes (3314)	Emperor beams (3315)	Big-eye snappers (3316)	Breams (3317)	Rabbit-fishes (3319)	Others (3320)
Total	0	3,088	27,340	18,004	654	2,158	2,443	2,206	43,629
Large-scale fishery									
Sub-total	1	1,775	19,290	17,640	321	685	1,198	825	31,039
Purse seine	2	4	22	-	-	-	-	3	329
Anchovy purse seine	3	-	66	-	-	-	-	-	-
Trawl	4	1,771	19,202	17,640	321	685	1,198	822	30,710
Small-scale fishery									
Sub-total	5	1,313	8,050	364	333	1,473	1,245	1,381	12,590
Other seines	6	-	1,017	-	-	1	-	51	3
Gill/Drift net	7	547	5,655	70	58	47	106	314	2,190
Lift net	8	17	1	9	2	12		39	120
Stakes/Traps	9	325	375	279	176	284	1,134	890	1,851
Hook-and-line	10	422	705	6	97	1,125	5	67	4,526
Push/Scoop net	11	2	105	-	-	4	-	-	8
Shellfish collection	12	-	-	-	-	-	-	-	-
Bag net	13	-	72	-	-	-	-	-	3,362
Others	14	-	120	-	-	-	-	20	530
Total (In value US\$ 1,000)	15	5,022	27,881	9,617	826	5,171	1,101	1,480	29,992

MT										
Barracudas	Mulletts	Threadfins	Round scads	Jacks, cavalla, trevallies	Selar scads	Hardtail scad	Queen-fishes	Black pomfret	White pomfret	Others
(3402)	(3403)	(3404)	(3405)	(3406)	(3407)	(3408)	(3409)	(3410)	(3411)	(3412)
6,879	2,268	3,678	94,049	12,181	70,868	18,294	3,520	3,945	4,122	3,113
3,972	206	814	91,210	6,478	62,998	15,148	1,576	2,377	2,279	1,051
480	3	3	85,905	610	45,098	5,799	50	255	23	232
1	-	-	-	-	-	-	-	-	-	-
3,491	203	811	5,305	5,868	17,900	9,349	1,526	2,122	2,256	819
2,907	2,062	2,864	2,839	5,703	7,870	3,146	1,944	1,568	1,843	2,062
6	9	62	-	23	2	4	9	151	233	85
361	1,813	2,376	229	2,005	3,110	2,194	1,523	1,124	1,506	943
339	14	2	1,966	303	1,773	389	291	75	52	79
106	97	73	-	303	380	3	65	44	35	250
2,081	-	339	644	3,044	2,450	541	50	6	2	462
6	11	-	-	-	151	-	2	164	7	-
-	-	-	-	-	-	-	-	-	-	-
4	11	1	-	-	-	-	-	4	8	228
4	107	11	-	25	4	15	4	-	-	15
7,621	2,266	12,166	76,525	16,776	70,339	19,787	3,953	10,116	27,006	3,131

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species

4.7.1 Malaysia (cont'd)

Type of Fishing Gear		Sardines (3501)	Anchovies (3503)	Clupeoids (3504)	Wolf herring (3505)	Yellowfin/ big-eye tuna (3602)/ (3603)	Longtail tuna (3604)	Eastern little tuna (3606)
Total	0	54,731	19,258	406	5,155	1,525	33,729	18,560
Large-scale fishery								
Sub-total	1	51,209	12,474	159	2,901	0	28,238	15,171
Purse seine	2	47,334	329	68	90	-	27,317	15,083
Anchovy purse seine	3	989	11,322	-	-	-	-	-
Trawl	4	2,886	823	91	2,811	-	921	88
Small-scale fishery								
Sub-total	5	3,522	6,784	247	2,254	1,525	5,491	3,389
Other seines	6	-	-	1	-	-	-	-
Gill/Drift net	7	1,063	37	222	2,243	-	2,960	2,409
Lift net	8	2,285	6,658	-	-	-	33	-
Stakes/Traps	9	55	78	22	-	-	-	-
Hook-and-line	10	115	-	-	11	1,525	2,498	980
Push/Scoop net	11	-	2	-	-	-	-	-
Shellfish collection	12	-	-	-	-	-	-	-
Bag net	13	-	5	-	-	-	-	-
Others	14	4	4	2	-	-	-	-
Total (In value US\$ 1,000)	15	29,676	15,735	144	10,041	418	34,287	18,097

								MT
Frigate and bullet tuna (3607)	Indo-Pacific swordfish, sailfishes and marlins (3608)	Narrow-barred king mackerel (3609)	Indian mackerel (3701)	Hairtails (3703)	Sharks (3801)	Rays (3802)	Misc. fishes (3901)	
797	436	13,847	132,605	9,777	7,810	15,846	72,595	
16	58	5,267	89,228	8,696	4,116	10,692	54,898	
-	20	757	56,514	509	96	471	14,434	
16	-	16	25	205	-	-	598	
-	38	4,494	32,689	7,982	4,020	10,221	39,866	
781	378	8,580	43,377	1,081	3,694	5,154	17,697	
-	-	-	1	-	1	35	1,922	
779	280	5,825	40,897	693	2,388	2,305	8,961	
-	-	10	1,026	113	-	2	686	
-	-	-	59	247	131	161	1,297	
2	98	2,744	1,391	14	1,172	2,605	2,611	
-	-	-	-	-	1	6	62	
-	-	-	-	-	-	-	-	
-	-	-	-	14	-	16	1,720	
-	-	1	3	-	1	24	438	
1,102	1,046	39,061	158,965	7,826	7,540	22,579	43,175	

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species

4.7.1 Malaysia (cont'd)

Type of Fishing Gear		Trash fish (3902)	Swimming crabs (4201)	Mangrove crabs (4202)	Spiny lobsters (4301)	Slipper lpbsters (4302)	Tiger prawn (4501)
Total	0	356,875	9,872	2,653	228	794	1,582
Large-scale fishery							
Sub-total	1	339,085	5,269	23	165	779	1,279
Purse seine	2	17,227	-	-	-	-	-
Anchovy purse seine	3	228	-	-	-	-	-
Trawl	4	321,630	5,269	23	165	779	1,279
Small-scale fishery							
Sub-total	5	17,790	4,603	2,630	63	15	303
Other seines	6	8,428	109	-	-	-	44
Gill/Drift net	7	1,528	2,376	69	30	12	205
Lift net	8	-	3	-	-	-	-
Stakes/Traps	9	919	1,424	98	24	3	6
Hook-and-line	10	27	6	-	1	-	-
Push/Scoop net	11	1,424	-	8	-	-	3
Shellfish collection	12	-	-	-	-	-	-
Bag net	13	4,823	7	7	-	-	4
Others	14	641	678	2,448	8	-	41
Total (In value US\$ 1,000)	15	39,331	21,391	7,888	2,017	3,456	13,826

								MT
Penaeid prawns	Other prawns	Sea mussels	Cuttle- fishes	Squids	Octopuses	Misc. marine molluscs	Jelly- fishes	
(4502)	(4503)	(5401)	(5701)	(5702)	(5703)	(5801)	(7601)	
28,189	31,523	12	23,979	67,606	1,637	2,040	4,304	
14,197	17,003	-	22,186	54,066	1,362	507	104	
1	3	-	6	3,165	1	6	-	
-	-	-	2	102	-	-	-	
14,196	17,000	-	22,178	50,799	1,361	501	104	
13,992	14,520	12	1,793	13,540	275	1,533	4,200	
1,332	1,242	-	175	132	58	1	-	
9,876	4,171	-	239	441	35	2	-	
-	29	-	283	2,098	9	-	19	
136	673	-	760	268	-	-	-	
8	2	-	54	10,542	15	-	-	
1,047	2,110	12	78	5	-	-	-	
-	-	-	-	38	-	1,392	-	
1,253	6,202	-	200	13	117	-	2,946	
340	91	-	4	3	41	138	1,235	
132,586	60,873	11	32,825	143,748	1,164	1,439	651	

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species**4.7.2 Thailand**

4.7.2.1 Gulf of Thailand

Type of Fishing Gear	Total	Barramundi (2501)	Indian halibuts (3102)	Tongue soles (3103)	Marine catfishes (3301)	Catfish ells (3302)	Lizard fishes (3303)	
Total	0	1,593,387	46	1,802	3,561	6,699	176	42,459
Large-scale fishery								
Sub-total	1	1,429,397	-	1,802	3,245	6,429	-	42,459
Otter trawl	2	709,885	-	1,561	3,027	5,735	-	40,267
Pair trawl	3	182,722	-	241	218	694	-	2,192
Purse seine	4	402,932	-	-	-	-	-	-
Anchovy purse seine	5	117,947	-	-	-	-	-	-
King mackerel drift gill net	6	9,260	-	-	-	-	-	-
Mackerel encircling gill net	7	4,763	-	-	-	-	-	-
Bamboo stake trap	8	1,888	-	-	-	-	-	-
Small-scale fishery								
Sub-total	9	163,990	46	-	316	270	176	-
Beam trawl	10	939	-	-	-	1	-	-
Push net	11	24,589	-	-	256	95	-	-
Shrimp gill net	12	10,960	-	-	-	11	-	-
Other gill nets	13	43,371	27	-	58	81	26	-
Squid falling net	14	24,397	-	-	-	-	-	-
Anchovy falling net	15	7,809	-	-	-	-	-	-
Other cast net	16	120	-	-	-	-	1	-
Hand push net	17	362	-	-	-	-	-	-
Lift net	18	336	-	-	-	-	-	-
Other net	19	1,189	-	-	-	-	-	-
Long line	20	374	11	-	-	77	105	-
Handline and Pole&line	21	608	8	-	-	1	6	-
Shallow waters set net	22	-	-	-	-	-	-	-
Set bagnet	23	4,157	-	-	2	-	-	-
Fish trap	24	206	-	-	-	4	8	-
Crab trap	25	9,780	-	-	-	-	-	-
Squid trap	26	2,088	-	-	-	-	-	-
Shrimp trap	27	1,210	-	-	-	-	-	-
Ivory shell trap	28	6	-	-	-	-	-	-
Miscellaneous Gear	29	31,489	-	-	-	-	30	-
Total (In value US\$ 1,000)	30	1,126,658	103	1,986	3,330	8,875	356	24,876

										MT
Sharp-toothed pike eels, Conger eels (3304)	Groupers (3305)	Sillago whittings (3306)	Red snappers (3307)	Threadfin breams (3310)	Drum & croakers (3313)	Big-eye snappers (3316)	Others (3320)	Barracudas (3402)	Mulletts (3403)	
1,606	3,172	8,620	6,422	69,305	31,485	75,118	6	7,600	2,345	
1,606	3,065	7,553	6,168	68,380	29,530	75,033	-	7,500	94	
1,230	2,630	7,430	6,124	62,480	23,566	70,818	-	4,956	-	
376	435	123	39	5,900	5,927	4,215	-	2,278	94	
-	-	-	-	-	-	-	-	3	-	
-	-	-	-	-	-	-	-	251	-	
-	-	-	-	-	-	-	-	12	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	5	-	37	-	-	-	-	
-	107	1,067	254	925	1,955	85	6	100	2,251	
-	-	-	-	-	17	-	-	-	-	
-	-	114	-	667	1,635	85	-	23	-	
-	-	1	-	-	14	-	-	-	25	
-	1	949	45	-	289	-	6	-	1,810	
-	-	-	78	-	-	-	-	42	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	3	-	-	-	-	-	70	
-	-	-	-	-	-	-	-	-	-	
-	-	-	0	-	-	-	-	-	12	
-	-	-	-	-	-	-	-	-	-	
-	-	-	0	-	-	-	-	-	-	
-	45	3	67	-	-	-	-	35	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	334	
-	61	-	61	8	-	-	-	-	-	
-	-	-	-	250	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
1,637	9,255	7,524	26,656	54,517	19,643	31,090	23	7,104	3,155	

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species**4.7.2 Thailand**

4.7.2.1 Gulf of Thailand (cont'd)

Type of Fishing Gear		Threadfins (3404)	Round scads (3405)	Jacks, cavalla, trevallies (3406)	Selar scads (3407)	Hardtail scad (3408)	Queen- fishes (3409)	Black pomfret (3410)	White pomfrets (3411)
Total	0	837	46,204	29,772	28,585	1,838	2,326	2,451	670
Large-scale fishery									
Sub-total	1	324	46,204	29,676	28,585	1,824	2,326	2,415	667
Otter trawl	2	200	200	9,862	3,137	210	1,971	1,719	473
Pair trawl	3	119	9	5,819	553	39	355	518	194
Purse seine	4	-	45,975	12,800	24,868	1,486	-	59	-
Anchovy purse seine	5	-	-	242	2	38	-	-	-
King mackerel drift gill net	6	-	20	195	25	21	-	119	-
Mackerel encircling gill net	7	-	-	667	-	-	-	-	-
Bamboo stake trap	8	5	-	91	-	30	-	-	-
Small-scale fishery									
Sub-total	9	513	-	96	-	14	-	36	3
Beam trawl	10	-	-	-	-	-	-	-	-
Push net	11	-	-	49	-	-	-	-	-
Shrimp gill net	12	-	-	6	-	-	-	-	-
Other gill nets	13	475	-	41	-	-	-	36	3
Squid falling net	14	-	-	-	-	14	-	-	-
Anchovy falling net	15	-	-	-	-	-	-	-	-
Other cast net	16	-	-	-	-	-	-	-	-
Hand push net	17	-	-	-	-	-	-	-	-
Lift net	18	-	-	-	-	-	-	-	-
Other net	19	-	-	-	-	-	-	-	-
Long line	20	25	-	-	-	-	-	-	-
Handline and Pole&line	21	13	-	-	-	-	-	-	-
Shallow waters set net	22	-	-	-	-	-	-	-	-
Set bagnet	23	-	-	-	-	-	-	-	-
Fish trap	24	-	-	-	-	-	-	-	-
Crab trap	25	-	-	-	-	-	-	-	-
Squid trap	26	-	-	-	-	-	-	-	-
Shrimp trap	27	-	-	-	-	-	-	-	-
Ivory shell trap	28	-	-	-	-	-	-	-	-
Miscellaneous Gear	29	-	-	-	-	-	-	-	-
Total (In value US\$ 1,000)	30	1,192	45,163	28,076	17,137	3,874	5,983	6,478	2,291

									MT
Sardines	Anchovies	Wolf herring	Longtail tuna	Eastern little tuna	Narrow-barred king mackeral	Indian mackerels	Indo-Pacific mackerel	Hairtails	
(3501)	(3503)	(3505)	(3604)	(3606)	(3609)	(3701)	(3702)	(3703)	
90,250	125,919	4,711	71,213	42,073	18,137	16,758	111,865	7,234	
89,429	116,294	4,616	71,213	42,072	16,217	13,829	97,526	7,234	
500	2,963	3,947	-	-	13,421	5,350	35,174	6,296	
704	2,556	459	7	-	812	1,665	9,319	734	
85,794	1,685	24	68,765	40,255	316	5,271	48,369	136	
1,360	109,023	35	456	81	18	1,091	961	49	
41	40	150	1,956	1,736	1,637	357	595	17	
937	27	-	29	-	-	95	2,609	-	
93	-	1	-	-	13	-	499	2	
821	9,625	95	-	1	1,920	2,929	14,339	-	
-	-	-	-	-	-	-	-	-	
-	413	51	-	-	-	-	-	-	
92	-	-	-	-	-	2,905	84	-	
726	94	25	-	-	1,520	24	14,205	-	
2	1,304	19	-	-	34	-	49	-	
-	7,809	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	1	366	-	-	
-	-	-	-	-	-	-	-	-	
1	5	-	-	-	-	-	1	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
29,356	20,209	5,222	57,031	26,853	43,304	12,520	88,807	9,246	

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species**4.7.2 Thailand**

4.7.2.1 Gulf of Thailand (cont'd)

Type of Fishing Gear		Sharks (3801)	Rays (3802)	Misc. fishes (3901)	Trash fish (3902)	Swimming crabs (4201)	Mangrove crabs (4202)	Other crabs (4203)	Slipper lobster (4302)
Total	0	3,576	4,924	93,265	396,463	23,860	4,327	4,950	1,619
Large-scale fishery									
Sub-total	1	3,576	4,774	86,695	389,124	2,971	-	2,104	1,283
Otter trawl	2	3,150	4,178	41,750	247,457	2,576	-	1,998	1,213
Pair trawl	3	346	578	20,758	94,690	395	-	106	70
Purse seine	4	-	3	22,632	41,808	-	-	-	-
Anchovy purse seine	5	-	-	712	3,018	-	-	-	-
King mackerel drift gill net	6	80	15	587	1,154	-	-	-	-
Mackerel encircling gill net	7	-	-	118	193	-	-	-	-
Bamboo stake trap	8	-	-	138	804	-	-	-	-
Small-scale fishery									
Sub-total	9	-	150	6,570	7,339	20,889	4,327	2,846	336
Beam trawl	10	-	-	4	389	27	1	-	-
Push net	11	-	-	1,980	6,649	517	6	245	180
Shrimp gill net	12	-	-	310	39	437	-	316	44
Other gill nets	13	-	10	3,210	33	14,511	959	1,505	34
Squid falling net	14	-	-	88	37	-	-	-	-
Anchovy falling net	15	-	-	-	-	-	-	-	-
Other cast net	16	-	-	6	-	-	-	-	-
Hand push net	17	-	-	1	1	-	-	-	-
Lift net	18	-	-	-	-	2	108	-	-
Other net	19	-	-	137	-	3	-	-	-
Long line	20	-	140	16	-	-	-	-	-
Handline and Pole&line	21	-	-	53	-	-	2	-	-
Shallow waters set net	22	-	-	-	-	-	-	-	-
Set bagnet	23	-	-	568	191	34	30	-	-
Fish trap	24	-	-	64	-	-	-	-	-
Crab trap	25	-	-	-	-	5,352	3,168	780	78
Squid trap	26	-	-	124	-	6	-	-	-
Shrimp trap	27	-	-	-	-	-	-	-	-
Ivory shell trap	28	-	-	-	-	-	-	-	-
Miscellaneous Gear	29	-	-	9	-	-	53	-	-
Total (In value US\$ 1,000)	30	5,413	4,742	54,475	43,885	51,336	5,356	4,725	8,852

MT										
Tiger prawn	Penaeid prawns	Other prawns	Scallops	Blood clackles	Cuttlefishes	Squids	Octopuses	Misc. molluscs	Jelly fishes	Misc. aquatic animals
(4501)	(4502)	(4503)	(5501)	(5601)	(5701)	(5702)	(5703)	(5801)	(7601)	(7701)
2,013	1,526	49,479	272	1,417	34,850	63,377	11,124	29,836	3,659	1,585
1,789	1,169	27,334	272	-	32,407	39,269	10,485	2,830	-	-
1,719	1,134	26,267	132	-	28,573	23,917	8,476	2,098	-	-
70	35	1,067	140	-	3,354	11,778	2,009	732	-	-
-	-	-	-	-	165	2,518	-	-	-	-
-	-	-	-	-	7	603	-	-	-	-
-	-	-	-	-	229	274	-	-	-	-
-	-	-	-	-	48	40	-	-	-	-
-	-	-	-	-	31	139	-	-	-	-
224	357	22,145	-	1,417	2,443	24,108	639	27,006	3,659	1,585
22	-	401	-	-	22	27	13	15	-	-
121	237	10,399	-	-	340	290	234	3	-	-
46	6	6,336	-	-	-	41	-	-	-	247
18	102	355	-	-	652	1,483	-	19	-	39
-	-	-	-	-	1,038	21,545	110	37	-	-
-	-	-	-	-	-	-	-	-	-	-
4	-	36	-	-	-	-	-	-	-	-
-	-	360	-	-	-	-	-	-	-	-
-	-	208	-	-	-	6	-	-	-	-
-	-	995	-	-	-	-	-	54	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	8	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
4	-	1,808	-	-	-	-	-	-	-	1,179
-	-	-	-	-	-	-	-	-	-	-
-	12	-	-	-	-	-	140	-	-	-
-	-	-	-	-	391	708	142	717	-	-
-	-	1,210	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	6	-	-
9	-	37	-	1,417	-	-	-	26,155	3,659	120
13,099	3,096	145,820	358	1,198	64,127	92,644	9,158	15,301	67	138

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species**4.7.2 Thailand**

4.7.2.2 Indian Ocean

Type of Fishing Gear	Total	Barramundi (2501)	Indian halibuts (3102)	Tongue soles (3103)	Marine catfishes (3301)	Catfish ells (3302)	Lizard fishes (3303)	
Total	0	891,416	367	2,761	3,687	2,580	101	3,330
Large-scale fishery								
Sub-total	1	717,461	-	2,761	3,660	2,447	-	3,330
Otter trawl	2	481,278	-	2,664	3,244	2,411	-	3,160
Pair trawl	3	45,615	-	97	416	36	-	170
Purse seine	4	133,213	-	-	-	-	-	-
Anchovy purse seine	5	56,627	-	-	-	-	-	-
King mackerel drift gill net	6	709	-	-	-	-	-	-
Mackerel encircling gill net	7	19	-	-	-	-	-	-
Bamboo stake trap	8	-	-	-	-	-	-	-
Small-scale fishery								
Sub-total	9	173,955	367	-	27	133	101	-
Beam trawl	10	-	-	-	-	-	-	-
Push net	11	3,499	-	-	-	17	-	-
Shrimp gill net	12	3,925	-	-	-	-	-	-
Other gill nets	13	19,033	151	-	27	-	2	-
Squid falling net	14	-	-	-	-	-	-	-
Anchovy falling net	15	4,751	-	-	-	-	-	-
Other cast net	16	-	-	-	-	-	-	-
Hand push net	17	95	-	-	-	-	-	-
Lift net	18	151	-	-	-	-	-	-
Other net	19	27	8	-	-	4	-	-
Long line	20	354	53	-	-	112	84	-
Handline and Pole&line	21	447	59	-	-	-	3	-
Shallow waters set net	22	511	9	-	-	-	-	-
Set bagnet	23	240	-	-	-	-	-	-
Fish trap	24	1,902	84	-	-	-	10	-
Crab trap	25	3,321	-	-	-	-	-	-
Squid trap	26	1,056	-	-	-	-	-	-
Shrimp trap	27	-	-	-	-	-	-	-
Ivory shell trap	28	-	-	-	-	-	-	-
Miscellaneous Gear	29	134,643	3	-	-	-	2	-
Total (In value US\$ 1,000)	30	502,735	377	1,477	5,768	5,886	84	5,180

										MT
Sharp-toothed pike eels, conger eels (3304)	Groupers (3305)	Sillago whittings (3306)	Red snappers (3307)	Threadfin breams (3310)	Drum & croakers (3313)	Big-eye snappers (3316)	Barracudas (3402)	Mulletts (3403)	Treadfins (3404)	
966	3,228	9,696	5,391	27,278	16,546	37,755	4,906	1,718	185	
966	1,599	7,252	4,953	27,278	16,060	37,755	4,904	-	166	
914	1,560	7,185	4,899	26,636	15,293	37,243	4,387	-	-	
52	39	67	54	642	767	512	426	-	166	
-	-	-	-	-	-	-	27	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	64	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	1,629	2,444	438	-	486	-	2	1,718	19	
-	-	-	-	-	-	-	-	-	-	
-	-	71	-	-	233	-	-	-	-	
-	-	-	13	-	154	-	-	-	-	
-	10	2,355	274	-	84	-	-	1,691	14	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	9	-	1	-	-	1	-	
-	11	-	10	-	-	-	-	-	-	
-	49	18	64	-	-	-	2	-	-	
-	-	-	1	-	14	-	-	25	-	
-	-	-	-	-	-	-	-	-	-	
-	1,558	-	65	-	-	-	-	1	5	
-	-	-	-	-	-	-	-	-	-	
-	1	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	2	-	-	-	-	-	-	
803	11,104	8,559	16,557	23,440	13,455	16,384	7,271	2,002	239	

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species**4.7.2 Thailand**

4.7.2.2 Indian Ocean (cont'd)

Type of Fishing Gear		Round scads (3405)	Jacks, cavalla, trevallies (3406)	Selar scads (3407)	Hardtail scad (3408)	Queen- fishes (3409)	Black pomfret (3410)	White pomfrets (3411)	Sardines (3501)
Total	0	28,879	10,656	8,288	15,147	2,425	934	911	19,258
Large-scale fishery									
Sub-total	1	28,879	10,583	8,288	14,856	2,425	899	907	18,740
Otter trawl	2	-	5,903	4,607	-	2,225	854	883	-
Pair trawl	3	1,373	238	255	-	200	23	24	28
Purse seine	4	27,085	4,426	3,413	14,828	-	15	-	16,295
Anchovy purse seine	5	421	4	-	-	-	-	-	2,417
King mackerel drift gill net	6	-	12	13	28	-	7	-	-
Mackerel encircling gill net	7	-	-	-	-	-	-	-	-
Bamboo stake trap	8	-	-	-	-	-	-	-	-
Small-scale fishery									
Sub-total	9	-	73	-	291	-	35	4	518
Beam trawl	10	-	-	-	-	-	-	-	-
Push net	11	-	-	-	-	-	-	-	-
Shrimp gill net	12	-	-	-	6	-	-	-	2
Other gill nets	13	-	54	-	58	-	35	4	516
Squid falling net	14	-	-	-	-	-	-	-	-
Anchovy falling net	15	-	-	-	-	-	-	-	-
Other cast net	16	-	-	-	-	-	-	-	-
Hand push net	17	-	-	-	-	-	-	-	-
Lift net	18	-	-	-	-	-	-	-	-
Other net	19	-	-	-	-	-	-	-	-
Long line	20	-	-	-	37	-	-	-	-
Handline and Pole&line	21	-	19	-	101	-	-	-	-
Shallow waters set net	22	-	-	-	2	-	-	-	-
Set bagnet	23	-	-	-	-	-	-	-	-
Fish trap	24	-	-	-	87	-	-	-	-
Crab trap	25	-	-	-	-	-	-	-	-
Squid trap	26	-	-	-	-	-	-	-	-
Shrimp trap	27	-	-	-	-	-	-	-	-
Ivory shell trap	28	-	-	-	-	-	-	-	-
Miscellaneous Gear	29	-	-	-	-	-	-	-	-
Total (In value US\$ 1,000)	30	20,984	7,845	1,723	5,334	7,391	1,834	1,721	4,674

MT									
Anchovies	Wolf herring	Longtail tuna	Eastern little tuna	Narrow-barred king mackerel	Indain mackerels	Indo-Pacific mackerel	Hairtails	Sharks	Rays
(3503)	(3505)	(3604)	(3606)	(3609)	(3701)	(3702)	(3703)	(3801)	(3802)
31,865	4,806	2,056	8,385	6,528	23,715	47,114	7,372	2,506	5,209
28,401	4,806	2,056	8,385	6,496	23,665	38,683	7,372	2,499	4,921
4	4,274	-	-	5,451	11,405	18,286	7,096	2,405	4,534
29	391	-	-	256	173	268	265	72	323
-	141	2,047	8,348	482	11,659	19,722	10	1	46
28,368	-	3	-	-	421	388	-	-	-
-	-	6	37	307	7	-	1	21	18
-	-	-	-	-	-	19	-	-	-
-	-	-	-	-	-	-	-	-	-
3,464	-	-	-	32	50	8,431	-	7	288
-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-
100	-	-	-	2	21	128	-	-	-
-	-	-	-	4	28	8,288	-	5	243
-	-	-	-	-	-	-	-	-	-
3,326	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	3
-	-	-	-	25	-	-	-	2	5
-	-	-	-	1	1	-	-	-	37
5	-	-	-	-	-	15	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
3,436	5,615	2,084	4,732	14,063	11,142	27,586	6,791	3,962	2,761

4.7 Catch of Marine Fishery by Type of Fishing Gear and by Species**4.7.2 Thailand**

4.7.2.2 Indian Ocean (cont'd)

Type of Fishing Gear		Misc. fishes (3901)	Trash fish (3902)	Swimming crab (4201)	Mangrove crab (4202)	Other crabs (4203)	Slipper lobster (4302)	Tiger prawn (4501)
Total	0	64,007	276,223	7,972	2,691	3,564	620	1,329
Large-scale fishery								
Sub-total	1	61,705	274,277	2,500	-	3,460	614	1,265
Otter trawl	2	24,266	230,385	2,373	-	3,200	614	1,248
Pair trawl	3	2,916	32,305	127	-	260	-	17
Purse seine	4	11,292	10,535	-	-	-	-	-
Anchovy purse seine	5	23,043	1,052	-	-	-	-	-
King mackerel drift gill net	6	188	-	-	-	-	-	-
Mackerel encircling gill net	7	-	-	-	-	-	-	-
Bamboo stake trap	8	-	-	-	-	-	-	-
Small-scale fishery								
Sub-total	9	2,302	1,946	5,472	2,691	104	6	64
Beam trawl	10	-	-	-	-	-	-	-
Push net	11	272	1,787	95	-	87	-	61
Shrimp gill net	12	143	-	66	-	1	-	3
Other gill nets	13	480	3	4,282	344	5	6	-
Squid falling net	14	-	-	-	-	-	-	-
Anchovy falling net	15	950	-	-	-	-	-	-
Other cast net	16	-	-	-	-	-	-	-
Hand push net	17	-	-	-	-	-	-	-
Lift net	18	-	-	-	63	-	-	-
Other net	19	-	-	-	-	-	-	-
Long line	20	15	-	-	-	-	-	-
Handline and Pole&line	21	93	-	-	-	-	-	-
Shallow waters set net	22	256	130	3	-	-	-	-
Set bagnet	23	-	26	-	-	-	-	-
Fish trap	24	92	-	-	-	-	-	-
Crab trap	25	1	-	1,025	2,284	11	-	-
Squid trap	26	-	-	1	-	-	-	-
Shrimp trap	27	-	-	-	-	-	-	-
Ivory shell trap	28	-	-	-	-	-	-	-
Miscellaneous Gear	29	-	-	-	-	-	-	-
Total (In value US\$ 1,000)	30	29,643	32,885	16,255	1,347	8,553	2,290	4,804

								MT
Penaeid prawns	Other prawns	Blood clockles	Cuttle- fishes	Squids	Octopuses	Misc. marine molluscs	Jelly fishes	
(4502)	(4503)	(5601)	(5701)	(5702)	(5703)	(5801)	(7601)	
227	18,969	-	14,602	12,825	4,983	2,239	134,616	
225	14,750	-	14,229	11,953	4,861	1,630	-	
225	14,393	-	13,369	8,269	4,265	1,148	-	
-	357	-	762	750	596	163	-	
-	-	-	98	2,424	-	319	-	
-	-	-	-	510	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
2	4,219	-	373	872	122	609	134,616	
-	-	-	-	-	-	-	-	
-	491	-	136	94	122	-	-	
-	3,286	-	-	-	-	-	-	
2	-	-	-	-	-	68	-	
-	-	-	-	-	-	-	-	
-	-	-	-	475	-	-	-	
-	-	-	-	-	-	-	-	
-	95	-	-	-	-	-	-	
-	88	-	-	-	-	-	-	
-	1	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	24	-	-	27	-	-	-	
-	214	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	237	276	-	541	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	20	-	-	-	-	-	134,616	
1,016	74,080	21	35,601	29,759	9,982	4,239	-	

4.8 Summary Statistics by Type of Fishing Gear (2007)**4.8.1 Catch by Type of Fishing Gear**

Country, Sub-area		Total	Surrounding net (01) (02) (03)	Seine nets (04) (05)	Trawl (06) (07) (08)	Gill nets (09)
Total	0	14,056,985	1,009,503	17,621	1,985,008	222,822
Brunei	1	2,553	...	...	...	...
Cambodia	2	54,900	...	...	...	...
Indonesia	3	4,734,280	...	...	...	...
Malaysia	4	1,381,424	341,150	17,621	741,354	148,773
Myanmar	5	1,485,740	...	...	...	...
Philippines	6	2,327,815	...	...	...	...
Singapore	7	3,522	...	...	...	...
Thailand	8	2,079,351	655,353	-	1,243,654	74,049
Gulf of Thailand	9	1,447,898	489,332	-	814,866	53,075
Indian Ocean	10	631,453	166,021	-	428,788	20,974
Vietnam	11	1,987,400	...	...	...	...

4.8.2 Number of Fishing Units by Type of Fishing Gear

Country, Sub-area		Total	Surrounding net (01) (02) (03)	Seine nets (04) (05)	Trawl (06) (07) (08)	Gill nets (09)
Total	0	17,174,587	105,434	181,779	34,230	1,609,821
Brunei	1	41,789	9	...	19	...
Cambodia	2	...	...	...	...	...
Indonesia	3	1,237,797	22,741	79,476	...	375,244
Malaysia	4	39,211	1,148	741	6,034	22,826
Myanmar	5	...	...	...	...	...
Philippines	6	15,829,534	80,095	101,562	23,805	1,208,328
Singapore	7	144	...	...	9	48
Thailand	8	13,056	1,441	...	4,363	3,375
Gulf of Thailand	9	11,395	1,162	...	3,679	2,923
Indian Ocean	10	1,661	279	...	684	452
Vietnam	11	...	...	...	...	...

5. INLAND FISHERY STATISTICS

5.1 Inland Fishery Production by Species

5.1.1 In Quantity

Country, Sub-area	Year	Total	Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Catfishes (131)	Eel (Flutidae) (132)	Eel (Anguillidae) (133)	
Total	0	2007	1,979,891	65,897	60,107	700	1,235	45,082
Brunei	1	2007	...	...	...	...	...	...
Cambodia A	2	2007	420,000	...	...	...	...	...
Indonesia	3	2007	310,457	35,053	49,812	50,184	...	1,235
Malaysia	4	2007	4,283	1,100	436	889	12	...
Myanmar A	5	2007	717,640	...	...	...	...	...
Philippines	6	2007	168,311	15,578	37,649	6,934	688	...
Singapore	7	2007	...	...	...	...	...	...
Thailand	8	2007	225,600	13,700	...	2,100	...	...
Vietnam A	9	2007	133,600	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Capture Production, 2007

5.1 Inland Fishery Production by Species

5.1.2 In Value

Country, Sub-area	Year	Total	Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Catfishes (131)	Eel (Flutidae) (132)	Eel (Anguillidae) (133)	
Total	0	2007	769,464	64,029	121,486	89,015	1,206	3,015
Brunei	1	2007	...	...	...	...	...	...
Cambodia	2	2007	...	...	...	...	...	...
Indonesia	3	2007	368,247	39,653	56,513	71,339	...	2,365
Malaysia	4	2007	9,013	1,680	401	1,680	19	...
Myanmar	5	2007	...	...	...	...	...	...
Philippines	6	2007	125,464	11,726	38,772	7,696	1,187	...
Singapore	7	2007	...	...	...	...	...	...
Thailand	8	2007	266,740	10,970	25,800	8,300	...	650
Vietnam	9	2007	...	...	...	...	...	...

6. AQUACULTURE STATISTICS

6.1 Mariculture

6.1.1 In Quantity

Country, Sub-area	Year	Number of establishments	Acreage under culture (Ha)	Number of workers	Yield by species				
					Total	Fishes			
						Seabass (2501)	Groupers (3305)	Snappers (3307)	
Total	0	2007	885,056	26,868	2,230	3,818,848	3,349	7,111	115
Brunei	1	2007	...	...	...	...	...	...	...
Cambodia	2	2007	...	...	...	16,630	...	...	...
Indonesia	3	2007	...	...	...	1,509,062	523	6,370	...
Malaysia	4	2007	887,387	13,250	1,992 A	144,794	...	...	...
Myanmar	5	2007	...	...	...	...	...	...	...
Philippines	6	2007	...	...	...	1,626,206	...	332	7
Singapore	7	2007	147	...	238 A	4,159	163	146	108
Thailand	8	2007	7,522	13,618	...	309,497	2,663	263	...
Gulf of Thailand	9	2007	6,158	13,367	...	302,916	2,628	223	...
Indian Ocean	10	2007	1,364	251	...	6,581	35	40	...
Vietnam	11	2007	...	...	...	208,500	...	...	...

Note : A Only full-time workers

6.1.2 In Value

Country, Sub-area	Year	Yield by species						
		Total	Fishes				Misc.marine fishes (3901)	
			Seabass (2501)	Groupers (3305)	Snappers (3307)	Breams (3317)		
Total	0	2007	929,804	2,990	82,931	693	...	122,506
Brunei	1	2007	...	...	...	...	...	...
Cambodia	2	2007	5,300	...	...	...	...	...
Indonesia	3	2007	432,802	1,876	75,998	...	...	...
Malaysia	4	2007	23,238	...	...	...	...	...
Myanmar	5	2007	...	...	...	...	...	...
Philippines	6	2007	270,984	...	5,114	26	...	119,100
Singapore	7	2007	7,980	1,114	1,819	667	...	3,406
Thailand	8	2007	...	...	...	...	...	...
Gulf of Thailand	9	2007	...	...	...	...	...	...
Indian Ocean	10	2007	...	...	...	...	...	...
Vietnam	11	2007	189,500	...	...	...	...	...

MT

Yield by species

Fishes		Crustaceans	Molluscs					Seaweeds	Others
Breams (3317)	Misc. marine fishes (3901)	Penaeid prawns (4502)	Flat oysters (5301)	Cupped oysters (5302)	Sea mussels (5401)	Blood cockles (5601)	Misc. marine molluscs (5801)		
...	81,397	130	23,520	20,517	254,251	105,291	186,623	3,134,993	1,551
...
...	...	130	...	...	...	...	500	16,000	...
...	...	...	...	...	...	...	15,623	1,485,654	892
...	...	...	870	...	4,035	49,620	...	90,269	...
...
...	79,575	...	...	20,508	20,114	...	...	1,505,070	600
...	1,822	...	...	9	1,852	...	...	...	59
...	...	...	22,650	...	228,520	55,671	...	...	...
...	...	...	21,806	...	223,134	55,125	...	...	...
...	...	...	844	...	5,116	546	...	...	...
...	...	...	...	...	...	...	170,500	38,000	...

US\$ 1,000

Yield by species

Crustaceans		Molluscs				Seaweeds	Others
Penaeid prawns (4502)	Flat oysters (5301)	Cupped oysters (5302)	Sea mussels (5401)	Blood cockles (5601)	Misc.marine molluscs (5801)		
650	1,215	3,134	4,270	16,428	172,120	517,190	5,676
...
650	650	4,000	...
...	970	352,942	1,016
...	1,215	...	844	16,428	...	4,751	...
...
...	...	3,077	3,048	...	...	136,497	4,122
...	...	57	378	...	...	...	538
...
...
...
...	170,500	19,000	...

6.2 Brackishwater Culture**6.2.1 In Quantity**

Country, Sub-area	Year	Number of establishments	Acreage under culture (Ha)	Number of workers	Yield by species					
					Total	Fishes				
						Tilapia (121)	Milkfish (2402)	(seabass) Barramundi (2501)	Groupers (3305)	
Total	0	2007	133,597	76,238	3,341	2,063,196	...	498,437	17,838	2,761
Brunei	1	2007	55	...	116	611	...	...	33	...
Cambodia	2	2007	...	...	...	...	...	...	...	...
Indonesia	3	2007	...	...	...	629,797	...	263,139	3,894	...
Malaysia	4	2007	92,942	7,758	3,225 A	53,656	...	6,187	4,208	...
Myanmar	5	2007	...	...	...	48,303	...	...	...	...
Philippines	6	2007	...	...	...	294,495	...	229,111	...	...
Singapore	7	2007	...	...	...	...	...	...	...	...
Thailand	8	2007	40,600	68,480	...	535,834	...	...	9,703	2,761
Gulf of Thailand	9	2007	29,105	57,142	...	373,496	...	...	8,063	458
Indian Ocean	10	2007	11,495	11,338	...	162,338	...	...	1,640	2,303
Vietnam	11	2007	...	...	...	500,500	...	...	...	...

Note : A Only full-time workers

6.2.2 In Value

Country, Sub-area	Year	Yield by species							
		Total	Fishes						
			Tilapia (121)	Milkfish (2402)	(seabass) Barramundi (2501)	Groupers (3305)	Snappers (3307)	Mulletts (3403)	
Total	0	2007	6,037,915	...	557,984	47,819	...	...	12,092
Brunei	1	2007	3,212	...	...	219	...	...	...
Cambodia	2	2007	...	...	...	...	...	...	...
Indonesia	3	2007	1,672,408	...	225,905	4,964	...	...	...
Malaysia	4	2007	239,054	...	21,080	42,636	...	...	12,092
Myanmar	5	2007	193,212	...	...	...	...	...	...
Philippines	6	2007	714,106	...	310,999	...	...	...	...
Singapore	7	2007	...	...	...	...	...	...	...
Thailand	8	2007	1,523,423 A	...	...	...	...	...	...
Vietnam	9	2007	1,692,500	...	...	...	...	...	...

Note : A Include Mariculture

MT

Yield by species

Fishes			Crustaceans				Molluscs	Seaweed	Others
Snappers (3307)	Mulletts (3403)	Misc. marine fishes (3901)	Tiger prawn (4501)	Penaeid prawns (4502)	Other prawns (4503)	Misc.marine crustaceans (4701)	Misc.marine molluscs (5801)		
...	2,923	148,702	429,295	389,834	553,303	19,969	...	...	133
...	...	5	...	...	572	...	...	...	...
...
...	133,113	179,966	44,160	5,525	...	...	...
...	2,923	11,435	23,737	...	...	5,166	...	...	...
...	48,303	...	...	...	...	...	...
...	...	13,462	39,825	2,830	...	9,267	...	...	...
...
...	14,317	338	508,571	11	...	...	...
...	11,640	338	352,853	11	...	...	133
...	2,677	...	155,718	...	...	...	...
...	...	123,800	170,000	206,700	...	...	...	...	...

US\$ 1,000

Yield by species

Fishes		Crustaceans			Molluscs	Seaweed	Others
Misc.marine fishes (3901)	Tiger prawn (4501)	Penaeid prawns (4502)	Other prawns (4503)	Misc.marine crustaceans (4701)	Misc.marine molluscs (5801)		
272,925	1,946,729	1,497,073	94,574	85,297	...	...	...
40	...	...	2,954	...	...	...	...
...
...	677,270	661,131	91,620	11,518	...	...	...
66,517	72,629	...	...	24,100	...	...	...
...	193,212	...	...	...	...	...	...
20,668	323,618	9,142	...	49,679	...	...	...
...
...
185,700	680,000	826,800	...	...	...	...	...

6.3 Freshwater Culture**6.3.1 In Quantity**

Country, Sub-area	Year	Number of establishments	Acreage under culture (Ha)	Number of workers	Total	Yield by species			
						Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Catfishes (131)	
Total	0	2007	546,698	155,731	16,105	3,292,294	428,692	575,560	1,160,620
Brunei	1	2007	197	...	20	63	...	...	...
Cambodia	2	2007	...	...	...	33,570	16,170	600	8,800
Indonesia	3	2007	...	...	...	327,171	121,732	97,085	105,749
Malaysia	4	2007	50,369	6,502	16,067 A	70,064	5,008	32,024	28,876
Myanmar	5	2007	...	...	...	556,357	205,400	3,300	6,900
Philippines	6	2007	...	...	...	294,125	19,962	228,748	2,655
Singapore	7	2007	8	1	18 A	345	20	3	40
Thailand	8	2007	496,124	149,228	...	525,100	60,400	213,800	157,600
Vietnam	9	2007	...	...	...	1,485,500	...	...	850,000

Note : A Only full-time workers

6.3.2 In Value

Country, Sub-area	Year	Total	Yield by species					
			Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Catfishes (131)	Eel (Flutidae) (132)	Eel (Anguillidae) (133)	
Total	0	2007	5,779,567	788,178	431,529	1,450,453	197	...
Brunei	1	2007	...	...	...	...	...	...
Cambodia	2	2007	52,738	16,418	1,320	17,400	...	...
Indonesia	3	2007	342,329	140,708	93,608	102,826	...	...
Malaysia	4	2007	90,689	7,212	44,890	30,606	...	...
Myanmar	5	2007	1,669,191	616,200	9,900	20,700	...	...
Philippines	6	2007	349,629	7,603	281,801	3,868	...	...
Singapore	7	2007	1,072	37	10	53	197	...
Thailand	8	2007	611,169	...	...	...	...	...
Vietnam	9	2007	2,662,750	...	...	1,275,000	...	...

MT									
Yield by species									
Eel (Flutidae) (132)	Eel (Anguillidae) (133)	Gouramis (134)	Snake- head (135)	Milkfish (136)	Misc. freshwater fishes (136)	Freshwater crustaceans (411)	Frogs and other amphibians (711)	Turtles and other reptiles (721)	Others
35	...	35,233	10,238	41,518	922,542	113,873	21	...	3,900
...
...	...	...	...	...	8,000	...	...	...	...
...	...	23	101	...	...	2,460	21	...	...
...	...	...	716	...	3,194	246	...	...	...
..	...	1,100	...	...	339,597	60	...	...	...
...	...	108	1,321	41,283	41	7	...	...	...
35	...	2	...	235	10	...	...	...	...
...	...	34,000	8,100	...	15,200	32,100	...	...	3,900
...	...	...	...	...	556,500	79,000	...	...	...
US\$ 1,000									
Yield by species									
Gouramis (134)	Snake- head (135)	Milkfish (136)	Misc. freshwater fishes (136)	Freshwater crustaceans (411)	Frogs and other amphibians (711)	Turtles and other reptiles (721)	Others		
3,582	4,064	54,171	1,876,274	559,930	20	...	...
...		
...	...	...	17,600	...	...	...	...
162	170	...	...	4,835	20	...	...
...	1,229	...	5,003	1,749	...	...	...
3,300	...	...	1,018,791	300	...	...	...
90	1,986	54,171	64	46	...	...	...
30	679	...	66	...	...	...	...
...		
...	...	...	834,750	553,000	...	...	...

6.4 Aquaculture Statistics by Type of Culture**6.4.1 Mariculture**

6.4.1.1 Indonesia

Type of Culture	Total	Seabass (2501)	Groupers (3305)	Sea messels (5401)	Mis. marine molluscs (5601)	Seaweeds	Others
1.Total no.of fish farms							
1) Mono-culture	9,250	...	...	9,250	...	...	...
2) Poly-culture	...	...	...	...	...	...	...
2.Total no.of fish farms by type of culture							
1) Cage culture	...	...	...	...	...	...	...
2) Pen culture	...	...	...	...	...	...	...
3) Raft hanging	...	...	...	...	...	...	...
4) Sea bed seeding	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...
3.Cultural areas							
1) Cage (No.of cages)	...	...	...	...	...	...	...
2) Pen (No. of pens)	...	...	...	...	...	...	...
3) Raft (No. of rafts)	...	...	...	...	...	...	...
4) Sea bed (Area 1,000 m2)	...	...	...	...	...	...	...
4.No. of full-time workers	...	...	...	...	...	...	...
5.Annual Production							
1) Q (MT)	1,509,062	523	6,370	...	15,623	1,485,654	892
2) V (US\$ 1,000)	432,802	1,876	75,998	...	970	352,942	1,016

6.4 Aquaculture Statistics by Type of Culture

6.4.1 Mariculture

6.4.1.2 Malaysia

Type of Culture	Total	Molluscs			Seaweeds
		Flat oysters (5301)	Sea mussels (5401)	Blood cockles (5601)	
1.Total no.of fish farms					
1) Mono-culture	...	...	...	...	...
2) Poly-culture	...	...	...	...	...
2.Total no.of fish farms by type of culture					
1) Cage culture	...	...	...	...	...
2) Pen culture	...	...	...	...	...
3) Raft hanging	877,102	1,078	997	...	875,027
4) Sea bed seeding	285	...	...	285	...
5) Others	...	...	...	...	...
3.Cultural areas					
1) Cage (No.of cages)	...	...	...	...	...
2) Pen (No. of pens)	...	...	...	...	...
3) Raft (Area 1,000 m2)	67,429	398	189	...	66,842
4) Sea bed (Area 1,000 m2)	6,250	...	...	6,250	...
4.No. of full-time workers	1,992	509	485	260	738
5.Annual Production					
1) Q (MT)	144,794	870	4,035	49,620	90,269
2) V (US\$ 1,000)	23,238	1,215	844	16,428	4,751

6.4 Aquaculture Statistics by Type of Culture**6.4.1 Mariculture**

6.4.1.3 Philippines

Type of Culture	Total	Fish			Molluscs		Seaweeds	others
		Groupers (3305)	Snap- pers (3307)	Misc. marine fishs (3901)	oysters (5302)	Sea mussels (5401)		
1.Total no.of fish farms								
1) Mono-culture	...	...	...	...	...	...	...	...
2) Poly-culture	...	...	...	...	...	...	...	...
2.Total no.of fish farms by type of culture								
1) Cage culture	...	...	...	...	...	...	...	...
2) Pen culture	...	...	...	...	...	...	...	...
3) Raft hanging	...	...	...	...	...	...	...	...
4) Sea bed seeding	...	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...	...
3.Cultural areas								
1) Cage (No.of cages)	...	...	...	...	...	...	...	...
2) Pen (No. of pens)	...	...	...	...	...	...	...	...
3) Raft (No. of rafts)	...	...	...	...	...	...	...	...
4) Sea bed (Area 1,000 m2)	...	...	...	...	...	...	...	...
4.No. of full-time workers	...	...	...	...	...	...	...	...
5.Annual Production								
1) Q (MT)	1,626,206	332	7	79,575	20,508	20,114	1,505,070	600
2) V (US\$ 1,000)	270,984	5,114	26	119,100	3,077	3,048	136,497	4,122

6.4 Aquaculture Statistics by Type of Culture**6.4.1 Mariculture**

6.4.1.4 Singapore

Type of Culture	Total	Fishes				Molluscs		Others
		Seabass (2501)	Groupers (3305)	Snappers (3307)	Misc. marine fishes (3901)	Cupped Oysters (5302)	Sea mussels (5401)	
1.Total no.of fish farms	147	21	26	29	42	2	14	13
1) Mono-culture	93	13	16	19	6	2	7	...
2) Poly-culture	54	8	10	10	6	...	7	13
2.Total no.of fish farms by type of culture								
1) Cage culture	89	...	...	...	...	...	...	...
2) Pen culture	...	...	...	...	...	...	...	...
3) Raft hanging	10	...	...	...	...	...	...	...
4) Sea bed seeding	...	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...	...
3.Cultural areas								
1) Cage (No.of cages)	2,600	2,600	...	...	...	...	...	...
2) Pen (No. of pens)	...	...	...	...	...	...	...	...
3) Raft (No. of rafts)	10	10	...	...	...	...	...	...
4) Sea bed (Area 1,000 m ²)	...	...	...	...	...	...	...	...
4.No. of full-time workers	238	238	...	...	...	...	...	...
5.Annual Production								
1) Q (MT)	4,159	163	146	108	1,822	9	1,852	59
2) V (US\$ 1,000)	7,981	1,114	1,819	667	3,406	57	378	538

6.4 Aquaculture Statistics by Type of Culture**6.4.2 Brackishwater Culture**

6.4.2.1 Indonesia

Type of Culture	Total	Fishes		Crustaceans				Others
		Milkfish (2402)	Seabass (2501)	Tiger prawn (4501)	Penaeid prawn (4502)	Other prawns (4503)	Misc. marine crustaceans (4701)	
1.Total no.of fish farms								
1) Mono-culture	9,250	...	...	...	...	...	9,250	...
2) Poly-culture	...	...	...	...	...	...	...	...
2.Total no.of fish farms by type of culture								
1) Pond culture	...	...	...	...	...	...	...	...
2) Cage culture	...	...	...	...	...	...	...	...
3) Pen culture	...	...	...	...	...	...	...	...
4) Others	...	...	...	...	...	...	...	...
3.Cultural areas								
1) Pond (1,000 m2)	...	...	...	...	...	...	...	...
2) Cage (No.of cages)	...	...	...	...	...	...	...	...
3) Pen (No.of pen)	...	...	...	...	...	...	...	...
4) Others	...	...	...	...	...	...	...	...
4.No. of full-time workers	...	...	...	...	...	...	...	...
5.Annual Production								
1) Q (MT)	629,797	263,139	3,894	133,113	179,966	44,160	5,525	...
2) V (US\$ 1,000)	1,672,408	225,905	4,964	677,270	661,131	91,620	11,518	...

6.4 Aquaculture Statistics by Type of Culture**6.4.2 Brackishwater Culture**

6.4.2.2 Malaysia

Type of Culture	Total	Fishes				Crustaceans	
		Milkfish (2402)	Seabass (2501)	Mullet (3403)	Misc. marine fishes (3901)	Tiger prawn (4501)	Misc.marine crustaceans (4701)
1.Total no.of fish farms							
1) Mono-culture	...	...	...	...	...	...	...
2) Poly-culture	...	...	...	...	...	...	...
2.Total no.of fish farms by type of culture							
1) Pond culture	10,126	...	...	...	...	...	...
2) Cage culture	82,800	...	...	...	...	...	...
3) Pen culture	...	...	...	...	...	...	...
4) Others	16	...	...	...	...	...	...
3.Cultural areas							
1) Pond (1,000 m ²)	76,270	...	...	...	...	...	...
2) Cage (No.of cages)	1,314,151	...	...	...	...	...	...
3) Pen (No.of pen)	...	...	...	...	...	...	...
4) Others	480	...	...	...	...	...	...
4.No. of full-time workers	3,225	...	...	...	...	...	...
5.Annual Production							
1) Q (MT)	53,656	6,187	4,208	2,923	11,435	23,737	5,166
2) V (US\$ 1,000)	239,054	21,080	42,636	12,092	66,517	72,629	24,100

6.4 Aquaculture Statistics by Type of Culture**6.4.2 Brackishwater Culture**

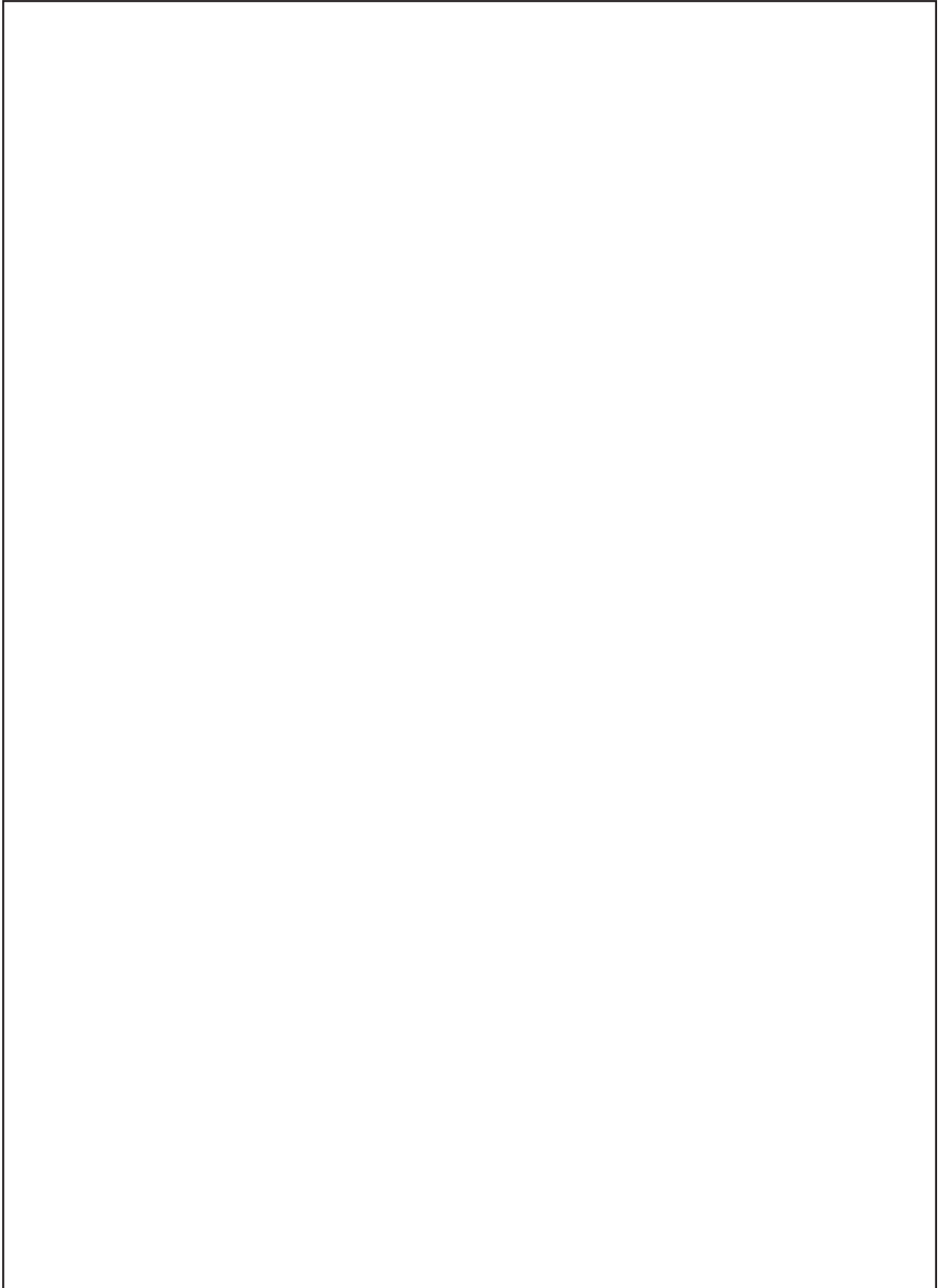
6.4.2.3 Myanmar

Type of Culture	Total	Crustaceans	
		Tiger prawn (4501)	Other prawns (4503)
1.Total no.of fish farms	11,543	...	...
1) Mono-culture	...	...	...
2) Poly-culture	...	...	...
2.Total no.of fish farms by type of culture			
1) Pond culture	...	...	...
2) Cage culture	...	...	...
3) Pen culture	...	...	...
4) Others	...	...	...
3.Cultural areas			
1) Pond (1,000 m2)	90,928	87,961	2,967
2) Cage (No.of cages)	-	-	-
3) Pen (No.of pen)	-	-	-
4) Others	-	-	-
4.No. of full-time workers	67,698	64,518	3,180
5.Annual Production			
1) Q (MT)	48,303	48,303	...
2) V (US\$ 1,000)	193,212	193,212	...

6.4 Aquaculture Statistics by Type of Culture**6.4.2 Brackishwater Culture**

6.4.2.4 Philippines

Type of Culture	Total	Fishes		Crustaceans		
		Milkfish (2402)	Misc. marine fishes (3901)	Tiger prawn (4501)	Penaeid prawns (4502)	Misc. marine crustaceans (4701)
1.Total no.of fish farms
1) Mono-culture
2) Poly-culture
2.Total no.of fish farms by type of culture
1) Pond culture
2) Cage culture
3) Pen culture
4) Others
3.Cultural areas
1) Pond (1,000 m2)
2) Cage (No.of cages)
3) Pen (No.of pen)
4) Others
4.No. of full-time workers
5.Annual Production						
1) Q (MT)	294,495	229,111	13,462	39,825	2,830	9,267
2) V (US\$ 1,000)	714,106	310,999	20,668	323,618	9,142	49,679



6.4 Aquaculture Statistics by Type of Culture**6.4.3 Freshwater Culture**

6.4.3.1 Indonesia

Type of Culture	Total	Yield by species							
		Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Cat- fishes (131)	Gouramis (134)	Snake head (135)	Misc. fresh- water fishes (136)	Fresh- water Crusta- ceans (411)	Frogs and other (711)
1.Total no.of fish farms									
1) Mono-culture	9,250	...	...	...	...	...	9,250	...	...
2) Poly-culture	...	...	...	...	...	...	...	...	...
2.Total no.of fish farms by type of culture									
1) Pond culture	...	...	...	...	...	...	...	...	...
2) Cage culture	...	...	...	...	...	...	...	...	...
3) Pen culture	...	...	...	...	...	...	...	...	...
4) Paddy field culture	...	...	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...	...	...
3.Cultural areas									
1) Pond (1,000 m2)	...	...	...	...	...	...	...	...	...
2) Cage (No.of cages)	...	...	...	...	...	...	...	...	...
3) Pen (No.of pens)	...	...	...	...	...	...	...	...	...
4) Paddy field (1,000 m2)	...	...	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...	...	...
4.No. of full-time workers	...	...	...	...	...	...	...	...	...
5.Annual Production									
1) Q (MT)	327,171	121,7332	97,085	105,749	23	101	...	2,460	21
2) V (US\$ 1,000)	342,329	140,708	93,608	102,826	162	170	...	4,835	20

6.4 Aquaculture Statistics by Type of Culture**6.4.3 Freshwater Culture**

6.4.3.2 Malaysia

Type of Culture	Total	Yield by species					
		Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Cat- fishes (131)	Snake- head (135)	Misc. freshwater fishes (136)	Fresh- water crusta- ceans (411)
1.Total no.of fish farms							
1) Mono-culture	...	...	...	...	...	...	...
2) Poly-culture	...	...	...	...	...	...	...
2.Total no.of fish farms by type of culture							
1) Pond culture	33,826	...	...	...	...	...	...
2) Cage culture	13,290	...	...	...	...	...	...
3) Pen culture	415	...	...	...	...	...	...
4) Ex-Mining pool	391	...	...	...	...	...	...
5) Cement tanks	2,287	...	...	...	...	...	...
6) Canvas tanks	160	...	...	...	...	...	...
3.Cultural areas							
1) Pond (1,000 m ²) A	4,763	...	...	...	...	...	...
2) Cage (No.of cages) B	458,596	...	...	...	...	...	...
3) Cement tanks (m ²)	125,524	...	...	...	...	...	...
4) Pen (Ha)	38	...	...	...	...	...	...
5) Ex-Mining pool (ha)	1,642	...	...	...	...	...	...
6) Canvas Tanks (m ²)	953	...	...	...	...	...	...
4.No. of full-time workers	16,067	...	...	...	...	...	...
5.Annual Production							
1) Q (MT)	70,064	5,008	32,024	28,876	716	3,194	246
2) V (US\$ 1,000)	90,689	7,212	44,890	30,606	1,229	5,003	1,749

Note : A Unit in Hectare (Ha)

B Unit in Square meters (M²)

6.4 Aquaculture Statistics by Type of Culture**6.4.3 Freshwater Culture**

6.4.3.3 Myanmar

Type of Culture	Total	Yield by species					
		Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Catfishes (131)	Gouramis (134)	Misc. freshwater fishes (121)	Freshwater crustaceans (411)
1.Total no.of fish farms							
1) Mono-culture	...	...	...	...	...	...	...
2) Poly-culture	...	...	...	...	...	...	...
2.Total no.of fish farms by type of culture							
1) Pond culture	...	...	...	...	...	...	...
2) Cage culture	...	...	...	...	...	...	...
3) Pen culture	...	...	...	...	...	...	...
4) Paddy field culture	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...
3.Cultural areas							
1) Pond (1,000 m ²)	...	...	...	...	...	...	...
2) Cage (No.of cages)	...	...	...	...	...	...	...
3) Pen (No.of pens)	...	...	...	...	...	...	...
4) Paddy field (1,000 m ²)	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...
4.No. of full-time workers	...	...	...	...	...	...	...
5.Annual Production							
1) Q (MT)	556,357	205,400	3,300	6,900	1,100	339,597	60
2) V (US\$ 1,000)	1,669,191	616,200	9,900	20,700	3,300	1,018,791	300

6.4 Aquaculture Statistics by Type of Culture**6.4.3 Freshwater Culture**

6.4.3.4 Philippines

Type of Culture	Total	Yield by species							
		Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Cat- fishes (131)	Goura- mis (134)	Snake- head (135)	Milkfish (136)	Misc. fresh- water fishes (136)	Fresh- water crusta- ceans (411)
1.Total no.of fish farms									
1) Mono-culture	...	...	...	...	...	...	...	...	...
2) Poly-culture	...	...	...	...	...	...	...	...	...
2.Total no.of fish farms by type of culture									
1) Pond culture	...	...	...	...	...	...	...	...	...
2) Cage culture	...	...	...	...	...	...	...	...	...
3) Pen culture	...	...	...	...	...	...	...	...	...
4) Paddy field culture	...	...	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...	...	...
3.Cultural areas									
1) Pond (1,000 m2)	...	...	...	...	...	...	...	...	...
2) Cage (No.of cages)	...	...	...	...	...	...	...	...	...
3) Pen (No.of pens)	...	...	...	...	...	...	...	...	...
4) Paddy field (1,000 m2)	...	...	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...	...	...
4.No. of full-time workers	...	...	...	...	...	...	...	...	...
5.Annual Production									
1) Q (MT)	294,125	19,962	228,748	2,655	108	1,321	41,283	41	7
2) V (US\$ 1,000)	349,629	7,603	281,801	3,868	90	1,986	54,171	64	46

6.4 Aquaculture Statistics by Type of Culture**6.4.3 Freshwater Culture****6.4.3.5 Singapore**

Type of Culture	Total	Yield by species						
		Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Catfishes (131)	Eel (Flutidae) (132)	Goura- mis (134)	Snake- head (135)	Misc. freshwater fishes (136)
1.Total no.of fish farms	8	1	1	1	1	1	3	...
1) Mono-culture	3	...	...	...	...	1	2	...
2) Poly-culture	5	1	1	1	1	...	1	...
2.Total no.of fish farms by type of culture								
1) Pond culture	4	...	...	...	...	...	...	...
2) Cage culture	...	...	...	...	...	...	...	...
3) Pen culture	...	...	...	...	...	...	...	...
4) Paddy field culture	...	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...	...
3.Cultural areas								
1) Pond (1,000 m2)	15	...	...	...	...	...	...	...
2) Cage (No.of cages)	...	...	...	...	...	...	...	...
3) Pen (No.of pens)	...	...	...	...	...	...	...	...
4) Paddy field (1,000 m2)	...	...	...	...	...	...	...	...
5) Others	...	...	...	...	...	...	...	...
4.No. of full-time workers	18	...	...	...	...	...	...	...
5.Annual Production								
1) Q (MT)	345	20	3	40	35	2	235	10
2) V (US\$ 1,000)	1,072	37	10	53	197	30	679	66

6.4 Aquaculture Statistics by Type of Culture**6.4.3 Freshwater Culture**

6.4.3.6 Thailand

Type of Culture	Total	Yield by species				
		Carps, barbels and other cyprinids (111)	Tilapia and other cichlids (121)	Catfishes (131)	Eel (Flutidae) (132)	Gouramis (134)
1.Total no.of fish farms						
1) Mono-culture	...	...	...	...	...	...
2) Poly-culture	...	...	...	...	...	...
2.Total no.of fish farms by type of culture						
1) Pond culture	471,581	...	...	...	...	...
2) Cage culture	5,293	...	...	...	...	...
3) Paddy field culture	6,862	...	...	...	...	...
4) Ditch culture	4,139	...	...	...	...	...
5) Others	...	...	...	...	...	...
3.Cultural areas						
1) Pond (Ha)	117,659	...	...	...	...	...
2) Cage (Ha)	68	...	...	...	...	...
3) Ditch culture (Ha)	2,149	...	...	...	...	...
4) Paddy field (Ha)	13,763	...	...	...	...	...
5) Others	...	...	...	...	...	...
4.No. of full-time workers	...	...	...	...	...	...
5.Annual Production						
1) Q (MT)	525,100	60,400	213,800	157,600	...	34,000
2) V (US\$ 1,000)	611,169	...	...	...	...	...

7. PRICE OF FRESH FISH

7.1 Producer Price (Wholesale price at landing center)

7.1.1 Brunei Darussalam

US\$ per kg.

Species Item		2003	2004	2005	2006	2007
Name	Code No.					
Red Snapper	3307	2.84	2.94	2.40	1.59	3.31
Sweet Lips	3312	1.14	1.18	0.60	0.63	1.32
Indian Mackerel	3701	1.14	1.18	1.20	1.26	1.66
Hardtail Scad	3408	1.14	1.18	0.90	0.94	1.32
Pony Fish	3311	0.57	0.59	0.72	0.75	0.79
Threadfin Beam	3310	0.85	0.88	0.90	0.94	0.99
Goatfish	3314	0.57	0.59	0.48	0.50	0.66
Croaker	3313	1.14	1.18	0.30	0.31	0.66
Fae Trevally	3406	2.27	2.35	2.40	2.52	1.32
White Pomfret	3411	4.55	4.71	4.85	5.03	8.28
Barracuda	3420	1.14	1.18	0.30	0.31	0.66
Shark	3801	0.28	0.29	0.30	0.31	0.33
Stingray	3802	0.28	0.29	0.30	0.31	0.4
Hair tail	3703	0.45	0.47	0.48	0.50	0.33
Cavalla	3406	0.85	0.88	0.90	0.94	3.31
Black Pomfret	3410	2.27	2.35	2.40	2.52	2.65

7.1 Producer Price (Wholesale price at landing center)**7.1.2 Malaysia**

US\$ per kg.

Species Item		2003	2004	2005	2006	2007
Name	Code No.					
Big Head Carp	111	2.57	0.71	1.30	0.86	0.82
Common Carp	111	4.31	1.71	1.32	0.99	0.91
Grass Carp	111	4.01	1.41	1.86	1.47	1.22
Javanese Carp	111	4.93	1.37	1.33	1.04	1.03
River Carp	111	6.52	1.68	4.01	3.66	4.10
Black Tilapia	121	7.21	1.48	1.23	0.93	0.97
Red Tiplapia	121	5.12	1.34	1.39	0.99	1.02
Eel	131	5.22	1.39	1.73	1.22	1.19
Walking Catfish	131	2.59	0.71	0.98	0.66	0.67
Goby	131	...	11.37	8.93	7.57	7.54
River Catfish (<i>Mystus</i> spp.)	131	8.59	2.28	2.85	2.46	2.28
River Catfish (<i>Pangasius</i> sp.)	131	5.19	1.36	1.38	1.00	1.19
Snake head	131	6.40	1.65	1.82	1.14	1.29
Giant Freshwater Prawn	411	...	6.81	7.16	6.22	5.94
Others	136	4.16	0.93	1.19	1.22	1.28

7.1 Producer Price (Wholesale price at landing center)**7.1.3 Philippines**

US\$ per kg.

Species Item		2003	2004	2005	2006	2007
Name	Code No.					
Tilapia	121	0.81	0.92	0.98	1.06	1.22
Milkfish	2402	1.10	1.23	1.27	1.43	1.63
Grouper	3305	2.96	3.11	3.40	3.81	4.23
Caesio	3309	1.13	1.18	1.31	1.41	1.65
Threadfin bream	3310	1.24	1.33	1.41	1.67	1.86
Slipmouth	3311	0.73	0.74	0.80	1.07	1.18
Roundscad	3405	0.81	0.86	0.86	1.04	1.14
Cacalla	3406	1.70	1.91	2.10	2.24	2.59
Crevalle	3406	0.94	0.96	1.03	1.31	1.38
Big-eye scad	3407	0.94	1.10	1.16	1.38	1.54
Anchovies	3503	0.62	0.63	0.71	0.81	0.95
Yellowfin tuna	3602	1.00	1.15	1.29	1.41	1.58
Frigate tuna	3607	0.86	0.97	1.01	1.19	1.35
Indian mackerel	3701	1.12	1.18	1.22	1.41	1.56
Indo-pacific mackerel	3702	1.09	1.12	1.16	1.29	1.43
Blue crab	4201	1.33	1.42	1.65	2.71	2.36
Tiger prawn	4501	6.06	5.99	6.27	7.03	8.07
White shrimp	4502	4.09	4.02	4.05	4.51	5.24
Endeavor prawn	4502	3.88	4.14	4.15	4.47	5.18
Squid	5702	1.56	1.73	1.90	2.25	2.58

7.1 Producer Price (Wholesale price at landing center)**7.1.4 Singapore**

US\$ per kg.

Species Item		2003	2004	2005	2006	2007
Name	Code No.					
Marine catfish	3301	0.74	0.80	0.81	1.00	1.36
Lizard Fish	3303	0.53	0.56	0.59	0.60	0.66
Grouper	3305	4.73	4.85	4.95	4.52	4.79
Silago Whiting	3306	2.79	2.95	3.12	2.14	2.32
Fusilier	3309	3.29	3.38	3.42	3.22	2.28
Threadfin bream	3310	3.55	3.70	3.84	4.14	3.91
Pony fish	3311	2.59	2.53	2.71	2.59	2.89
Grunter	3312	2.43	2.67	2.69	2.77	2.20
Drum & Croaker	3313	0.78	0.81	0.82	0.61	0.75
Goat fish	3314	0.52	0.56	0.58	0.60	0.68
Emperor bream	3315	2.47	2.47	2.66	3.61	2.44
Rabbitfish	3319	3.38	4.07	3.53	3.35	3.26
Barracuda	3402	1.99	1.98	2.15	2.29	2.35
Grey mullet	3403	2.97	2.99	3.34	2.92	2.29
Horse mackerel	3406	2.21	2.28	2.37	2.35	2.38
Selar scad	3407	1.84	1.84	1.98	2.06	2.37
Hardtail	3408	0.90	0.89	0.86	1.46	2.05
Queenfish	3409	0.72	0.74	0.72	0.60	0.72
Black pomfret	3410	3.24	3.33	3.55	5.40	5.16
Round herring	3502	0.94	0.95	0.95	1.30	2.27
Anchovies	3503	0.94	0.92	0.95	0.93	0.99
Wolf herring	3505	4.06	4.57	4.61	4.17	4.56
King mackerel	3610	3.64	3.64	3.73	4.13	5.06
Indian mackerel	3701	2.18	2.22	2.28	1.99	2.21
Hairtail	3703	1.90	2.03	2.07	2.16	2.14
Shark	3801	1.33	1.51	1.78	3.36	2.78
Ray	3802	1.95	2.11	2.49	3.03	2.17
Mangrove crabs	4202	4.63	4.93	5.37	6.38	6.28
Cuttlefish	5701	2.34	2.37	2.74	4.50	4.07
Squid	5702	3.20	3.43	3.63	4.52	4.11

7.1 Producer Price (Wholesale price at landing center)**7.1.5 Thailand**

US\$ per kg.

Species Item		2003	2004	2005	2006	2007
Name	Code No.					
Barramundi	2501	2.27	2.23	2.23	2.32	2.75
Indian halibut	3102	1.14	1.07	1.12	1.16	1.01
Marine catfishes	3301	0.83	0.87	0.87	0.92	1.16
Lizard fishes	3303	0.33	0.62	0.74	0.66	0.72
Conger eels	3304	0.88	0.87	0.94	1.27	1.01
Spotted Jewfish	3305	2.15	2.21	2.21	2.32	2.60
Groupers	3305	3.28	2.98	3.72	4.09	4.92
Sand whittings	3306	2.02	1.99	1.61	1.58	2.46
Red Snapper	3307	2.15	2.16	2.23	2.32	2.75
Yellow tailed fusilier	3309	1.59	1.22	1.49	1.58	1.42
Fusilier	3309	2.15	2.14	2.16	2.21	0.87
Threadfin bream	3310	0.88	0.87	1.07	1.05	1.10
Pony fishes	3311	0.76	0.74	0.94	0.92	0.81
Sweetlips	3312	1.26	1.94	1.86	2.24	2.55
Croakers	3313	0.83	0.82	0.82	0.79	0.87
Barracudas	3402	1.09	0.94	0.97	1.03	0.95
Mulletts	3403	2.27	2.23	2.23	2.37	2.89
Threadfins	3404	2.27	2.23	2.23	2.37	2.60
Black-banded trevally	3406	2.40	2.98	2.68	2.37	4.77
Hardtail scad	3408	0.25	0.37	0.50	0.53	1.24
Black pomfret	3410	1.52	1.24	1.36	1.19	1.39
White pomfret	3411	6.62	6.66	7.69	9.23	8.68
Wolf herring	3450	0.76	0.82	1.02	1.05	1.01
King mackerels	3601	2.22	2.23	2.23	2.37	3.18
Longtail tuna	3604	1.24	1.19	1.39	1.32	1.39
Frigate tuna	3607	0.45	0.67	0.69	0.74	0.87
Indian mackerel	3701	0.40	0.79	0.00	1.00	1.16
Indo-Pacific mackerel	3702	0.86	1.02	0.00	1.16	1.24
Hairtails	3703	0.63	0.70	0.94	1.16	1.01
Sharks	3801	0.88	0.87	0.94	0.92	0.87
Rays	3802	0.35	0.60	0.57	0.61	0.81
Swimming crabs	4201	3.03	3.10	3.35	3.16	5.50
Mangrove crab	4202	7.58	5.71	4.54	4.48	6.22
Lobster	4301	3.28	2.86	3.85	4.22	4.34
Penaeid shrimp	4502	8.84	10.11	0.00	8.57	10.13
Banana shrimp	4502	8.34	8.59	0.00	6.59	8.10
King prawn	4502	5.68	5.79	0.00	6.46	5.79
Green mussel	5401	0.28	0.37	0.37	0.40	0.58
Blood cockles	5601	0.51	0.62	0.50	0.66	0.87
Short necked clam	5602	0.63	0.74	1.04	1.19	1.30
Cuttlefishes	5701	1.62	2.07	2.23	2.37	2.89
Squids	5702	1.69	1.99	2.18	2.37	2.31
Octopuses	5703	0.76	0.97	1.07	1.19	1.30

7.2 Consumer Price
7.2.1 Brunei Darussalam

US\$ per kg.

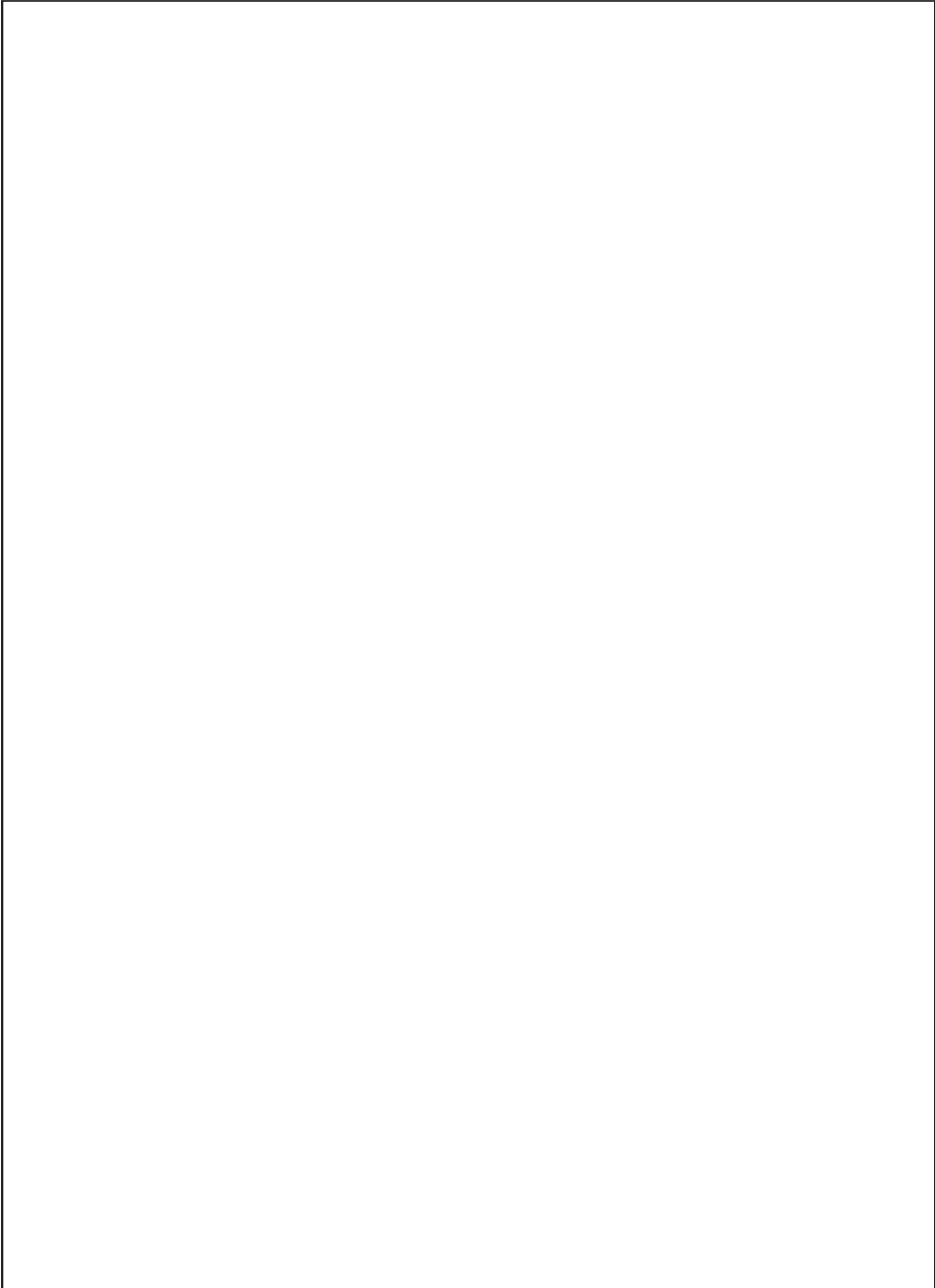
Species Item		2003	2004	2005	2006	2007
Name	Code No.					
Common Carp	111	3.51	3.51	3.59	3.77	3.97
Grass Carp	111	3.51	3.51	3.59	3.77	3.97
Soles	314	4.88	4.80	4.98	5.06	4.20
Gold Stripes	3501	2.00	1.36	2.07	1.37	1.99
Indian Mackerel	3701	5.34	4.72	3.59	4.66	3.97
Sharks	3801	2.00	2.62	1.20	2.54	1.99
Argus Fish	3901	5.31	5.76	5.03	5.01	3.97
Freshwater Prawn	411	7.60	8.47	9.58	14.64	9.27
Mabgrove Crab	4202	3.17	3.15	3.59	5.44	3.97
Swimming Crab	4201	2.96	3.12	3.59	5.44	3.97
Penaeid Prawn	6501	6.01	6.37	7.19	9.88	6.56
Squid	6702	2.40	2.95	3.59	5.84	3.31
Catfish Eels	3302	2.87	2.98	2.99	3.77	3.97
Grouper	3305	4.96	5.66	4.79	5.03	5.30
Red Snapper	3307	5.09	5.70	5.99	6.29	6.62
Threadfin beam	3310	1.80	2.30	1.99	2.52	2.65
Pony Fish	3311	1.65	1.70	2.40	1.89	2.65
Sweet Lips	3312	3.00	3.00	3.32	3.77	3.97
Crosker	3313	2.04	2.40	2.26	2.52	1.99
Goatfish	3314	1.70	2.00	1.93	1.89	1.32
Gray Mullet	3403	2.45	2.70	2.47	3.14	2.65
Jacks	3406	4.00	4.00	4.92	5.03	5.30
Hardtail Scad	3408	3.36	3.60	2.37	2.52	2.65
Queen Fish	3409	3.14	3.19	3.22	1.89	1.99
Seabass	391	6.25	6.25	5.99	6.29	7.95
Black Pomfret	3410	5.00	5.00	4.71	5.03	5.30
Tuna	3609	2.45	2.40	2.43	2.25	2.65
Rabbit Fish	3319	4.00	4.00	3.14	3.77	3.97
Chacunda Gizzard	241	2.97	2.98	1.81	1.89	1.99
Short Doried	3702	4.26	4.27	3.20	3.77	3.31

7.2 Consumer Price**7.2.2 Philippines**

Species Item		2003	2004	2005	2006	2007	US\$ per kg.
Name	Code No.						
Big head carp	111	4.52	1.22	1.76	1.65	1.25	
Common carp	111	5.44	2.14	2.02	1.91	1.37	
Grass carp	111	5.77	1.97	2.43	2.60	1.70	
Javanese carp	111	6.69	1.80	1.83	1.76	1.40	
River carp	111	9.71	2.19	5.41	5.65	5.47	
Black tilapia	121	9.38	1.97	1.62	1.48	1.09	
Red tilapia	121	6.97	1.83	1.88	1.80	1.40	
Eel	131	7.49	2.01	2.39	2.39	2.31	
Goby	131	...	13.62	11.86	11.46	11.10	
River catfish (<i>Mystus</i> spp.)	131	...	3.02	3.76	3.74	3.05	
River catfish (<i>Pangasuis pangasius</i>)	131	6.45	1.68	1.99	1.84	1.79	
Snake head	131	8.83	2.18	2.41	2.28	1.90	
Walking Catfish	131	4.27	1.19	1.53	1.44	1.10	
Giant Freshwater Prawn	411	...	8.24	8.61	8.43	7.23	
Misc. freshwater fish	136	5.16	1.22	1.72	2.19	2.44	

7.2 Consumer Price**7.2.2 Philippines**

Species Item		2003	2004	2005	2006	2007	US\$ per kg.
Name	Code No.						
Milkfish	2402	1.39	1.52	1.59	1.75	2.09	
Fusiliers	3309	1.74	1.86	2.02	2.26	2.66	
Threadfin bream	3310	1.75	1.87	2.00	2.27	2.62	
Pony fishes	3311	1.38	1.49	1.67	1.96	2.23	
Round scad	3405	1.10	1.18	1.22	1.43	1.62	
Anchovies	3503	0.93	0.96	1.01	1.18	1.43	
Frigate tuna	3607	1.11	1.19	1.23	1.41	1.64	
Indian Mackerel	3701	1.35	1.44	1.52	1.74	2.02	
Blue crab	4201	1.97	2.12	2.38	2.65	3.11	
Tiger prawns	4501	6.65	6.80	7.09	7.78	8.87	
Penaeid prawns	4502	3.82	4.08	4.37	4.80	5.62	
Tilapia	121	1.08	1.2	1.26	1.37	1.60	



8. DISPOSITION OF CATCH**8.1 Total**

Country, Sub-area		Total	Live fish	Fresh fish	Frozen	Canned	Dried
Total	0	25,211,212	...	3,046,591	759,819	63,160	761,584
Brunei	1	3,227	...	...	...	...	...
Cambodia	2	525,100	...	...	...	...	...
Indonesia	4	7,510,767	...	3,046,591	759,819	63,160	761,584
Malaysia	5	1,654,221	...	...	...	...	...
Myanmar	6	2,808,037	...	...	...	...	...
Philippines	7	4,710,952	...	...	...	...	...
Singapore	8	8,026	...	...	...	...	...
Thailand	10	3,675,382	...	...	...	...	...
Vietnam	11	4,315,500	...	...	...	...	...

8.2 Marine Fishery

Country, Sub-area		Total	Fresh fish	Frozen	Canned	Dried
Total	0	14,056,985	2,787,402	759,556	63,160	717,240
Brunei	1	2,553	...	...	...	...
Cambodia	2	54,900	...	...	...	...
Indonesia	4	4,734,280	2,787,402	759,556	63,160	717,240
Malaysia	5	1,381,424	...	...	...	...
Myanmar	6	1,485,740	...	...	...	...
Philippines	7	2,327,815	...	...	...	...
Singapore	8	3,522	...	...	...	...
Thailand	10	2,079,351	...	...	...	...
Vietnam	11	1,987,400	...	...	...	...

8.3 Inland Fishery

Country, Sub-area		Total	Fresh fish	Frozen	Dried
Total	0	1,979,891	259,189	263	44,344
Brunei	1	...	...	...	...
Cambodia	2	420,000	...	...	...
Indonesia	4	310,457	259,189	263	44,344
Malaysia	5	4,283	...	...	...
Myanmar	6	717,640	...	...	...
Philippines	7	168,311	...	...	...
Singapore	8	...	...	...	...
Thailand	10	225,600	...	...	...
Vietnam	11	133,600	...	...	...

8.4 Aquaculture

Country, Sub-area		Total	Live fish	Fresh fish	Frozen	Canned	Dried
Total	0	9,174,336	...	...	...	...	...
Brunei	1	674	...	...	...	...	...
Cambodia	2	50,200	...	...	...	...	...
Indonesia	4	2,466,030	...	...	...	...	...
Malaysia	5	268,514	...	...	...	...	...
Myanmar	6	604,657	...	...	...	...	...
Philippines	7	2,214,826	...	...	...	...	...
Singapore	8	4,504	...	...	...	...	...
Thailand	10	1,370,431	...	...	...	...	...
Vietnam	11	2,194,500	...	...	...	...	...

9. FISH PROCESSING

9.1 Number of Fish Processing Establishments and Production

Country, Sub-area	Year	Frozen		Canned		Dried		
		No.of	Production	No.of	Production	No.of	Production	
		Establishments		Establishments		Establishments		
Total	0	2007	219	716,044	54	45,630	1,361	474,583
Brunei	1	2007	10	487	1	0	8	4
Cambodia	2	2007	...	...	...	...	...	...
Indonesia	3	2007	...	687,862	...	45,580	...	473,679
Malaysia	4	2007	...	...	...	...	...	...
Myanmar	5	2007	...	...	...	...	...	...
Philippines	6	2007	...	...	...	...	...	...
Singapore	7	2007	31	27,695	5	50	19	900
Thailand	8	2007	178	...	48	...	1,334	...
Vietnam	9	2007	...	...	...	...	...	...

(cont'd)

Country, Sub-area	Year	Cure		Comminuted			
		No.of	Production	Frozen surimi		Other comminuted products	
				Establishments		Establishments	Production
Total	0	12	1	...	...	50	20,123
Brunei	1	12	1	...	...	5	143
Cambodia	2	...	...	...	...	...	...
Indonesia	3	...	...	...	...	...	...
Malaysia	4	...	...	...	...	...	...
Myanmar	5	...	...	...	...	...	...
Philippines	6	...	...	...	...	...	...
Singapore	7	...	...	...	...	45	19,980
Thailand	8	...	...	...	...	...	...
Vietnam	9	...	...	...	...	...	...

								MT
Smoked		Boiled		Fermented				
				Fish sauce		Paste		
No. of Establishments	Production	No. of Establishments	Production	No. of Establishments	Production	No. of Establishments	Production	
19	70,970	...	119,032	79	185	150	19,115	
1	12	2	
...	
...	70,970	...	119,032	...	185	...	19,113	
...	
...	
...	
...	79	...	138	...	
...	
								MT
Reduction		Powered/flaked		Others				
No. of Establishments	Production	No. of Establishments	Production	No. of Establishments	Production			
96	14,954	346	25,070			
...	19	136			
...			
...	14,954	...	24,934			
...			
...			
...			
...			
96	327	...			
...			

10. EXPORT AND IMPORT OF FISHERY COMMODITIES

10.1 Exports by Fishery Commodity

Q:MT
V:US\$ 1,000

Country, Sub-area		Total		11.Fish,fresh,chilled or frozen					
				Ornamental fish (111)		Fish fry (112)		Live fish (113)	
		Q	V	Q	V	Q	V	Q	V
Total	0	7,369,862	14,395,040	2,747,587	80,611	750	4,010	26,199	102,298
Brunei	1	93	5	...	...	...	...	...	...
Cambodia A	2	55,812	32,566	...	...	...	...	...	...
Indonesia	3	854,601	2,258,919	1,217	7,306	735	2,284	4,164	23,479
Malaysia A	4	286,404	752,393	...	...	...	...	...	...
Myanmar A	5	343,874	549,120	...	...	...	...	...	...
Philippines	6	173,076	569,790	6,766	7,382	15	115	5,499	16,811
Singapore	7	2,855,492	482,435	2,739,604	65,923	...	1,611	110	1,705
Thailand	8	1,964,685	5,965,978	...	...	...	...	16,426	60,303
Vietnam A	9	835,826	3,783,834	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.1 Exports by Fishery Commodity (cont'd)

Q:MT
V:US\$ 1,000

Country, Sub-area		11.Fish,fresh,chilled or frozen				12.Fish,dried,salted or smoked			
		Eels,fresh,chilled or frozen (114)		Tunas,fresh, chilled or frozen (115)		Other fishes,fresh, chilled or frozen (116)		Shark's fin (121)	
		Q	V	Q	V	Q	V	Q	V
Total	0	2,643	14,006	108,251	271,802	778,134	1,075,775	2,566	52,646
Brunei	1	...	...	...	...	3	3	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	2,195	11,621	68,886	152,406	304,823	371,862	801	7,303
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippines	6	448	2,385	26,864	93,647	6,870	17,245	75	1,071
Singapore	7	...	...	12,501	25,749	32,961	111,591	1,690	44,272
Thailand	8	...	...	...	...	433,480	575,077	...	...
Vietnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.1 Exports by Fishery Commodity (cont'd)

Q:MT
V:US\$ 1,000

Country, Sub-area	12.Fish,dried,salted or smoked		13.Crustaceans, fresh,frozen,dried and salted						
	Others (122)		Crabs,fresh and frozen (131)		Shrimp, prawns and lobsters, fresh and frozen (132)		Shrimp, prawns and lobsters, dried and salted (133)		
	Q	V	Q	V	Q	V	Q	V	
Total	0	106,527	143,627	11,466	71,294	330,082	2,155,680	1,658	11,975
Brunei	1	...	...	...	...	89	1	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	30,689	62,258	7,371	45,515	120,847	813,833	...	...
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippines	6	1,496	5,088	1,810	8,995	11,868	93,741	48	335
Singapore	7	371	5,558	204	1,193	2,301	18,638	384	2,353
Thailand	8	73,971	70,723	2,081	15,591	195,066	1,229,468	1,226	9,287
Vietnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.1 Exports by Fishery Commodity (cont'd)

Q:MT
V:US\$ 1,000

Country, Sub-area	Other crustaceans, fresh,frozen,dried and salted (134)		14.Molluscs,fresh,frozen,dried and salted						
			Squid,cuttlefish and octopus, fresh and frozen (141)		Squid,cuttlefish and octopus, dried and salted (142)		Mussels, fresh,frozen dried and salted (143)		
	Q	V	Q	V	Q	V	Q	V	
Total	0	10,006	67,638	137,667	500,540	2,357	14,631	3,844	9,441
Brunei	1	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	10,006	67,637	40,636	61,037	768	1,710	195	160
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippines	6	...	...	9,801	31,942	96	297	17	35
Singapore	7	...	...	1,316	3,348	305	1,625	...	...
Thailand	8	...	...	85,914	404,213	1,188	10,999	3,632	9,246
Vietnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

Country, Sub-area		14.Molluscs,fresh,frozen,dried and salted				21.Fish products and preparations, whether or not in airtight containers			
		Arkshells,fresh,frozen, dried and salted (144)		Other molluscs fresh,frozen,dried and salted (145)		In airtight containers (211)		In non-airtight containers (212)	
		Q	V	Q	V	Q	V	Q	V
Total	0	133	497	24,428	73,387	839,060	2,228,347	10,068	27,446
Brunei	1	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	...	...	6,930	15,890	55,172	142,681	6,137	20,888
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	133	497	...	...	...	...	...	...
Philippines	6	...	...	1,034	3,160	59,738	146,937	52	143
Singapore	7	...	...	803	15,515	13,018 B	28,143 B	...	...
Thailand	8	...	...	15,661	38,822	711,132	1,910,586	3,879	6,415
Veitnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

B Include Fish products and preparations in airtight containers (211) and In non-airtight containers (212)

Country, Sub-area		22.Crustacean and mollusc products and preparations, whether or not in airtight containers				Oils,fats,waxes,etc., of aquatic animal origin (300)		Meals,solubles and similar animal feedingstuffs and fertilizers of aquatic animal origin (400)	
		In airtight containers (221)		In non-airtight containers (222)		Q	V	Q	V
		Q	V	Q	V	Q	V	Q	V
Total	0	111,336	676,564	154,633	1,083,024	5,290	9,426	43,971	82,124
Brunei	1	...	...	...	1	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	17,002	142,689	23,829	139,449	1,679	1,567	9,718	6,148
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippines	6	2,472	32,535	...	...	37	293	4,768	3,059
Singapore	7	2,417 B	23,730	...	...	162	2,887	29,485	72,917
Thailand	8	89,445	477,610	130,804	943,575	3,412	4,679	136,057	124,161
Veitnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

B Include Crustacean and mollusc products and preparations in airtight containers (221) and In non-airtight containers (222)

10.1 Exports by Fishery Commodity (cont'd)

Q:MT
V:US\$ 1,000

Country, Sub-area		51.Fish,crustacean and mollusc sauces and soups, whether or not in airtight container				52.Miscellaneous edible products					
		Fish sauce (511)		Others (512)		Frog legs, fresh, chilled or frozen (521)		Shrimp pastes (522)		Shrimp crackers (523)	
		Q	V	Q	V	Q	V	Q	V	Q	V
Total	0	54,056	68,281	12,162	16,412	4,229	17,379	648	1,647	7,073	11,239
Brunei	1	...	...	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...	...	...
Indonesia	3	16,900	33,247	...	...	4,229	17,379	...	...	7,073	11,239
Malaysia A	4	...	...	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...	...	...
Philippines	6	1,417	1,238	...	...	...	...	648	1,647	...	...
Singapore	7	739B	8,940 B	...	...	...	...	...	...	...	...
Thailand	8	35,000	24,856	12,162	16,412	...	...	...	...	...	...
Veitnam A	9	...	...	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

B Include Other fish, crustacean and mollusc sauces and soup, whether or not in airtight containers (512)

10.1 Exports by Fishery Commodity (cont'd)

Q:MT
V:US\$ 1,000

Country, Sub-area		52.Miscellaneous edible products						Inedible fish, ova, waste, offal,etc. (530)	
		Sea cucumber, fresh, frozen,dried,salted, etc. (524)		Jellyfish, fresh frozen, dried, salted, etc. (525)		Miscellaneous edible products (526)			
		Q	V	Q	V	Q	V	Q	V
Total	0	1,518	19,291	6,724	12,914	1,196	2,533	89	89
Brunei	1	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	...	...	6,695	12,847	1,196	2,533	...	...
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippines	6	1,155	6,002	29	67	...	...	89	89
Singapore	7	363	13,289	...	...	...	...	...	...
Thailand	8	...	...	...	...	...	...	...	...
Veitnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.1 Exports by Fishery Commodity (cont'd)													Q:MT V:US\$ 1,000	
Country, Sub-area	Fish and shark skins (540)		56.Bones, shells, etc., unworked or simply prepared								Sponges,raw or prepared (570)			
			Tortoise shell (561)		Corals (562)		Mother of pearl and other shells (563)		Other bones,shells,etc., unworked or simply prepared (564)					
	Q	V	Q	V	Q	V	Q	V	Q	V	Q	V		
Total	0	4	2	5	71	7,179	3,568	313	13,598	3,253	2,513	10	235	
Brunei	1	...	...	...	...	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...	...	...	...	...
Indonesia	3	...	...	5	71	7,069	2,522	21	13,193	...	...	...	...
Malaysia A	4	...	...	...	...	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...	...	...	...	...
Philippines	6	4	2	...	...	...	...	...	...	...	...	...	...
Singapore	7	...	...	...	...	110	1,046	292	405	3,253	2,513	10	235
Thailand	8	...	...	...	...	...	...	...	...	...	...	...	...
Veitnam A	9	...	...	...	...	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.1 Exports by Fishery Commodity (cont'd)													Q:MT V:US\$ 1,000	
Country, Sub-area	Pearls, not set or strung (580)		Miscellaneous inedible products (590)		6.Product of aquatic plant origin						Other			
					Agar-agar flakes (601)		Red seaweeds/products (602)		Miscellaneous products of aquatic plant origin (603)					
	Q	V	Q	V	Q	V	Q	V	Q	V	Q	V		
Total	0	...	6,889	16,668	15,284	2,183	10,026	104,559	77,220	17,143	83,068	150,189	158,074	
Brunei	1	...	...	...	...	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...	...	...	...	...
Indonesia	3	...	...	...	...	2,118	9,437	94,073	57,522	1,425	1,206	...	...
Malaysia A	4	...	...	...	...	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...	...	...	...	...
Philippines	6	...	...	68	28	...	...	10,486	19,698	15,718	72,153	...	...
Singapore	7	...	6,889	16,600	15,256	48	547	...	...	...	9,709	...	...
Thailand	8	...	...	...	...	17	42	...	...	...	...	14,132	33,913
Veitnam A	9	...	...	...	...	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.2 Exports by Country of Destination**10.2.1 Ornamental fish (111)**

US\$ 1,000

Country/Area of Destination		Countries of Origin			
		Total	Indonesia	Philippines	Singapore
Total	0	71,421	7,306	7,402	56,714
Australia	1	1,776	...	69	1,707
Belgium	2	223	...	223	...
Canada	3	2,411	...	...	2,411
Denmark	4	527	...	...	527
France	5	3,242	174	61	3,007
Germany, Fed. Rep. of	6	6,483	275	268	5,940
Greece	7	981	...	...	981
Hong Kong	8	1,306	478	828	...
Israel	9	799	...	55	744
Italy	10	3,244	226	132	2,887
Japan	11	6,226	1,245	770	4,211
Korea, Republic of	12	897	...	82	815
Macau	13	25	...	25	...
Malaysia	14	471	381	90	...
Netherlands	15	2,603	...	43	2,560
Russia	16	748	...	...	748
Singapore	17	795	688	107	...
South Africa	18	1,043	...	22	1,021
Spain	19	2,016	...	...	2,016
Sweden	20	849	...	24	825
Switzerland	21	929	...	...	929
Taiwan	22	3,322	365	223	2,734
Thailand	23	59	...	59	...
Turkey	24	1,976	...	...	1,976
United Kingdom	25	11,732	237	176	11,319
United States	26	15,327	1,910	4,062	9,355
Others	27	1,409	1,326	83	...

10.2 Exports by Country of Destination**10.2.2 Other fishes, fresh, chilled or frozen (116)**

US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	1,073,525	371,862	17,179	109,408	575,077
Australia	1	12,016	...	84	378	11,554
Belgium	2	7,658	...	...	444	7,214
Brunei Darussalam	3	2,738	...	...	2,738	...
Canada	4	2,918	...	296	...	2,622
China	5	80,129	6,976	...	3,672	69,482
Denmark	6	611	...	...	...	611
Egypt	7	336	...	...	336	...
Finland	8	946	...	...	...	946
France	9	19,981	...	...	...	19,981
Germany, Fed. Rep. of	10	8,714	...	162	...	8,552
Greece	11	57	...	...	...	57
Guam	12	230	...	230	...	...
Hawaii	13	181	...	181	...	...
Hong Kong	14	23,099	13,835	2,630	6,634	...
Indonesia	15	2,559	...	...	2,210	349
India	16	6	...	...	...	6
Ireland	17	347	...	...	...	347
Israel	18	700	...	700	...	...
Italy	19	23,401	...	266	10,775	12,360
Japan	20	255,504	60,779	1,667	2,068	190,991
Korea, Republic of	21	52,052	26,547	600	10,976	13,929
Malaysia	22	80,000	27,595	55	17,834	34,516
Netherlands	23	3,171	...	...	...	3,171
Philippines	24	1,710	...	...	1,319	392
Portugal	25	501	...	231	...	270
Russia	26	5,241	...	...	5,241	...
Saudi Arabia	27	8,298	...	...	8,298	...
Singapore	28	55,183	39,841	432	...	14,909
Spain	29	24,619	...	...	1,507	23,112
Switzerland	30	104	...	104	...	...
Sweden	31	27,951	...	...	...	27,951
Taiwan	32	37,242	15,411	3,354	446	18,031
Thailand	33	26,568	24,395	76	2,097	...
United Kingdom	34	8,812	...	202	1,817	6,793
United States	35	189,469	94,397	5,664	28,291	61,117
Vietnam	36	21,535	15,957	45	2,328	3,205
Others	37	88,940	46,129	200	...	42,611

10.2 Exports by Country of Destination
10.2.3 Fish, dried, salted or smoked (122)

US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	139,194	57,904	5,045	5,522	70,723
Australia	1	422	...	104	51	268
Bangladesh	2	136	130	...	6	...
Bahrain	3	21	...	...	21	...
Belgium	4	160	...	...	...	160
Brunei Darussalam	5	193	...	...	160	33
Canada	6	718	...	76	...	642
China	7	2,405	911	30	...	1,464
Denmark	8	30	...	10	...	20
Finland	9	866	...	...	...	866
France	10	73	...	...	...	73
Germany	11	998	...	...	...	998
Guam	12	17	...	17	...	...
Hawaii	13	63	...	63	...	...
Hong Kong	14	3,044	863	17	2,164	...
India	15	133	...	...	109	24
Indonesia	16	2,987	...	...	383	2,604
Italy	17	8	...	...	...	8
Japan	18	53,755	48,400	3,581	...	1,774
Korea, Republic of	19	2,429	1,060	48	328	993
Kuwait	20	21	...	21	...	...
Malaysia	21	19,862	476	...	995	18,390
Maldives Republic of	22	14	...	...	14	...
Netherlands	23	548	...	...	...	548
New Zealand	24	11	...	7	4	...
OC Asia	25	35	...	...	35	...
Pacific Trust Territory	26	46	...	46	...	...
Philippines	27	121	...	...	121	...
Qatar	28	16	...	9	7	...
Saudi Arabia	29	8	...	8	...	...
Singapore	30	4,421	3,178	15	...	1,228
Sri Lanka	31	123	...	...	123	...
Taiwan	32	2,521	863	169	28	1,460
Thailand	33	996	117	45	834	...
Ukraine	34	24	...	24	...	...
United Kingdom	35	424	...	...	...	424
United States	36	2,824	...	744	32	2,048
Vietnam	37	129	...	...	106	23
Others	38	38,558	1,908	11	...	36,643

10.2 Exports by Country of Destination**10.2.4 Shrimps, prawns and lobsters, fresh and frozen (132)**

US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	2,154,767	813,833	93,741	17,726	1,229,456
Australia	1	36,309	...	...	197	36,112
Belgium	2	77,225	59,296	201	158	17,571
Brunei Darussalam	3	363	...	...	363	...
Canada	4	81,488	...	2,626	186	78,676
China	5	25,213	5,273	178	296	19,466
Denmark	6	469	...	...	...	469
France	7	9,099	...	488	...	8,611
Germany, Fed. Rep. of	8	25,807	...	1,132	181	24,494
Guam	9	1,814	...	1,814	...	...
Hong Kong	10	35,683	25,743	6,584	3,356	...
India	11	253	...	...	...	253
Indonesia	12	1,064	...	...	1,030	34
Italy	13	14,365	8,920	...	...	5,445
Ireland	14	72	...	...	...	72
Japan	15	565,848	306,294	41,877	2,673	215,004
Korea, Republic of	16	90,874	...	22,712	521	67,641
Malaysia	17	24,767	8,086	859	2,854	12,968
Maldives Rep of	18	61	..	...	61	...
Mauritius	19	63	...	...	63	...
Netherland	20	5,464	...	234	...	5,230
Pacific Trust Territory	21	1,144	...	1,144	...	...
Philippines	22	171	...	...	171	...
Portugal	23	1,149	...	...	...	1,149
Saudi Arabia	24	96	...	...	96	...
Singapore	25	12,948	5,210	315	...	7,423
South Africa	26	246	...	...	246	...
Spain	27	6,557	...	...	...	6,557
Sweden	28	389	...	170	...	219
Taiwan	29	22,872	3,951	3,340	1,074	14,508
Thailand	30	402	...	246	156	...
United Arab Emirates	31	890	...	796	94	...
United Kingdom	32	76,664	47,399	795	...	28,470
United States	33	901,197	288,424	7,877	3,950	600,946
Vietnam	34	4,356	...	...	...	4,356
Others	35	129,165	55,238	353	...	73,794

10.2 Exports by Country of Destination**10.2.5 Squid, cuttlefish and octopus, fresh and frozen (141)**

US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	488,734	61,037	20,137	3,348	404,156
Austria	1	57	...	...	...	57
Australia	2	7,506	...	...	136	7,370
Brunei Darussalam	3	283	...	...	206	77
Belgium	4	1,440	...	480	...	960
Canada	5	11,486	...	592	...	10,894
China	6	16,158	4,999	619	174	10,366
Denmark	7	888	...	...	...	888
France	8	3,162	...	446	...	2,716
Germany	9	4,445	...	...	...	4,445
Greece	10	2,681	...	265	...	2,416
Guadeloupe	11	270	...	270	...	...
Hong Kong	12	6,920	3,143	2,359	1,418	...
India	13	1,456	1,455	...	1	...
Indonesia	14	644	...	577	67	...
Italy	15	103,672	11,661	322	...	91,689
Japan	16	184,209	...	7,580	...	176,629
Korea, Republic of	17	14,304	5,150	170	...	8,984
Malaysia	18	15,470	2,411	...	669	12,391
Maldives Republic of	19	9	...	...	9	...
Mauritius	20	2	...	...	2	...
Mexico	21	188	...	188	...	...
Netherlands	22	1,943	...	...	...	1,943
OC Asia	23	40	...	...	40	...
Philippines	24	15	...	...	15	...
Portugal	25	2,912	...	1,461	...	1,451
Puerto Rico	26	802	...	802	...	...
Saudi Arabia	27	16	...	...	16	...
Singapore	28	2,583	1,474	...	...	1,108
Spain	29	5,022	...	267	...	4,755
Sweden	30	43	...	...	...	43
Taiwan	31	12,621	...	1,571	...	11,050
Thailand	32	4,591	3,609	914	68	...
United Kingdom	33	2,479	...	...	...	2,479
United States	34	46,681	13,116	...	...	33,565
Vietnam Soc Rep of	35	6,774	1,668	429	526	4,151
Others	36	26,962	12,350	825	1	13,786

10.2 Exports by Country of Destination**10.2.6 Squid, cuttlefish and octopus, dried and salted (142)**

US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	14,632	1,710	297	1,626	10,999
Australia	1	81	...	...	20	61
Belgium	2	69	...	...	...	69
Brunei Darussalam	3	117	...	...	115	2
Canada	4	246	...	15	...	231
China	5	12	3	...	...	9
France	6	63	...	...	...	63
Germany, Fed. Rep. of	7	3	...	...	...	3
Hong Kong	8	20	...	20	...	...
India	9	233	233	...	...	...
Indonesia	10	2	...	...	2	...
Italy	11	77	...	...	...	77
Japan	12	7,276	44	38	...	7,194
Korea, Republic of	13	1,667	3	...	...	1,664
Malaysia	14	1,486	4	...	1,482	...
Mauritius	15	6	...	...	6	...
Netherlands	16	124	...	...	...	124
OC Asia	17	1	...	...	1	...
Qatar	18	7	...	7	...	...
Saudi Arabia	19	7	...	7	...	...
Singapore	20	35	...	...	...	35
Spain	21	36	...	...	...	36
Sweden	22	7	...	...	...	7
Taiwan	23	21	...	...	...	21
Thailand	24	1,409	1,409	...	...	...
United Arab Emirates	25	5	...	5	...	...
United Kingdom	26	25	...	...	...	25
United State	27	642	...	196	...	446
Vietnam	28	15	15	...	...	...
Others	29	941	...	9	...	932

10.2 Exports by Country of Destination**10.2.7 Other molluscs, fresh, frozen, dried and salted (145)**

US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	82,625	15,890	3,160	15,507	48,021
Austria	1	47	...	...	...	47
Australia	2	4,454	...	...	...	4,454
Belgium	3	764	...	...	...	764
Brunei Darussalam	4	364	...	...	364	...
Cambodia	5	5	...	...	5	...
Canada	6	2,800	531	...	...	2,269
China	7	767	303	29	71	364
Denmark	8	1,997	...	...	...	1,997
France	9	91	...	...	...	91
Germany, Fed. Rep. of	10	7,569	...	...	...	7,569
Hong Kong	11	7,587	1,515	301	5,772	...
India	12	65	...	...	64	1
Indonesia	13	347	...	...	347	...
Italy	14	2,064	...	...	...	2,064
Japan	15	10,432	1,223	352	70	8,787
Korea, Republic of	16	6,981	1,702	1,133	83	4,063
Malaysia	17	8,122	657	21	7,397	47
Maldives Republic of	18	9	...	...	9	...
Myanmar	19	4	...	...	4	...
Netherlands	20	505	...	...	...	505
OC Asia	21	5	...	...	5	...
Okinawa	22	13	...	13	...	...
Philippines	23	388	...	...	385	3
Saudi Arabia	24	21	...	...	21	...
Singapore	25	1,336	1,144	130	...	62
Spain	26	330	...	...	...	330
Sri Lanka	27	28	...	...	28	...
Sweden	28	146	...	...	...	146
Taiwan	29	5,374	4,577	382	68	347
Thailand	30	513	...	...	513	...
United Arab Emirates	31	15	...	...	15	...
United States	32	5,842	832	34	260	4,716
Vietnam	33	4,738	1,757	760	26	2,194
Others	34	8,648	1,649	5	...	6,994

10.2 Exports by Country of Destination**10.2.8 Fish products and preparations in airtight containers (211)**

US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	2,434,502	142,681	146,003	27,833	1,945,673
Austria	1	3,773	...	...	...	3,773
Australia	2	171,729	...	1,814	1,377	168,538
Belgium	3	20,117	...	...	...	20,117
Brunei Darussalam	4	2,173	...	...	507	1,666
Canada	5	105,466	...	2,597	515	102,354
China	6	3,783	...	...	...	3,783
Czech Republic	7	1,883	...	1,883	...	...
Denmark	8	7,582	...	...	...	7,582
Finland	9	22,982	...	4,116	...	18,866
France	10	40,867	...	8,323	...	32,544
Ghana	11	2,887	2,887	...	...	...
Germany, Fed. Rep. of	12	96,287	16,343	32,780	55	47,110
Greece	13	8,346	...	...	...	8,346
Hong Kong	14	1,262	...	...	1,262	...
India	15	267	...	...	28	239
Indonesia	16	17,705	...	...	16,370	1,334
Ireland	17	658	...	...	...	658
Israel	18	5,261	...	5,261	...	...
Italy	19	47,682	...	628	...	47,054
Japan	20	365,709	27,963	1,487	...	336,260
Jordan	21	8,217	8,217	...	...	...
Korea	22	13,513	...	...	100	13,413
Libyan Arab Jamahriya	23	9,781	9,781	...	...	...
Malaysia	24	28,939	921	1,554	4,606	21,858
Mauritius	25	374	...	...	374	...
Netherlands	26	29,790	2,637	4,664	242	22,248
New Zealand	27	177	...	...	177	...
Philippines	28	1,996	...	...	358	1,639
Portugal	29	187	...	...	...	187
Saudi Arabia	30	17,759	12,966	4,793	...	...
Singapore	31	28,533	...	7,565	...	20,968
South Africa	32	2,980	...	2,980	...	...
Spain	33	25,130	...	...	...	25,130
Sweden	34	14,778	...	2,590	...	12,188
Taiwan	35	20,368	...	...	159	20,209
United Arab Emirates	36	2,844	...	2,775	69	...
United Kingdom	37	91,580	2,367	5,304	375	83,535
United States	38	450,577	46,614	35,172	937	367,853
Vietnam	39	2,446	...	...	188	2,258
Others	40	758,113	11,986	19,717	135	726,275

10.2 Exports by Country of Destination**10.2.9 Crustacean and molluscs products and preparations in airtight containers (221)**

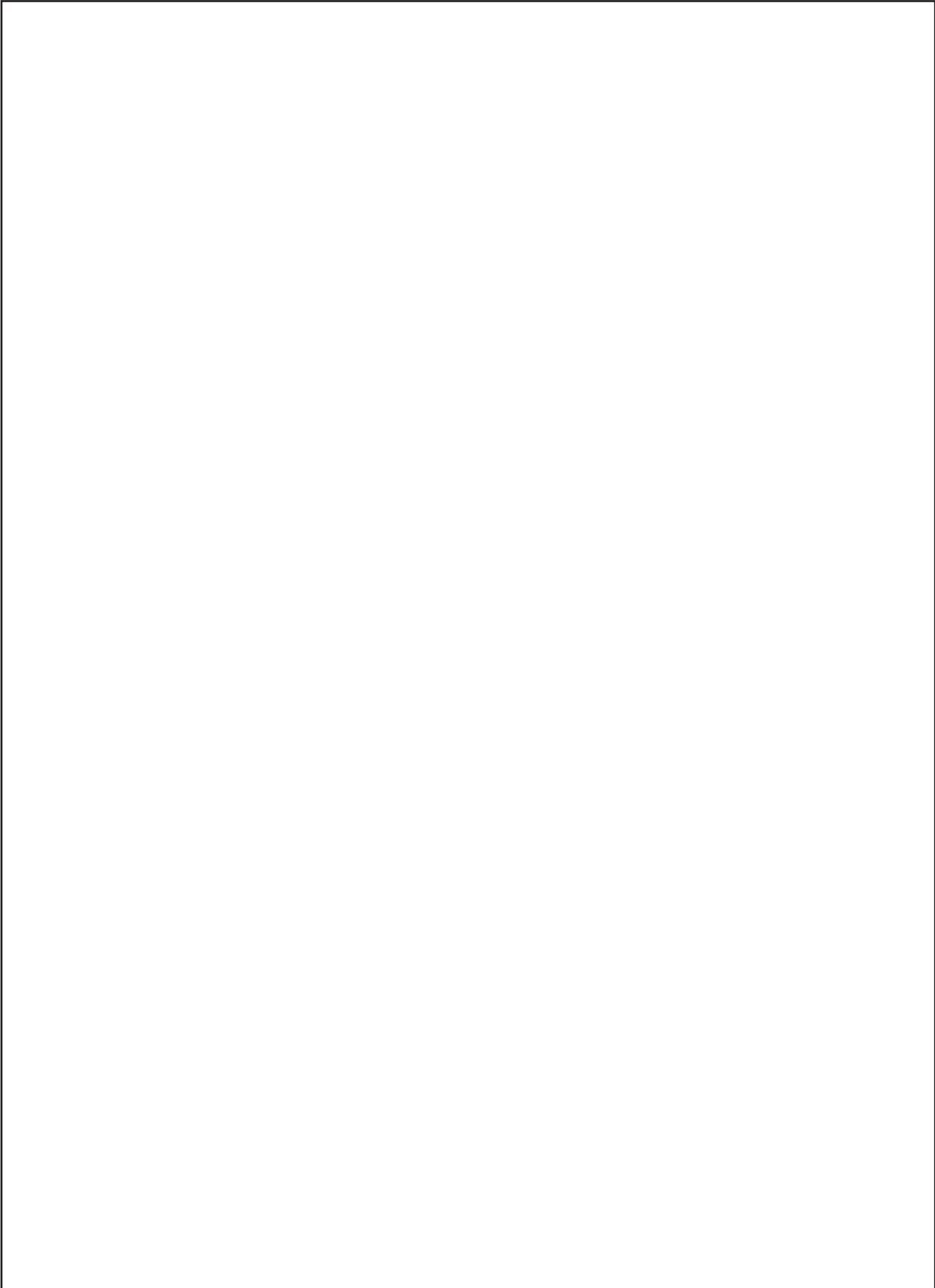
US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	438,800	142,689	32,535	23,560	285,016
Australia	1	4,658	818	14	725	3,102
Bahrain	2	6	...	6	...	...
Belgium	3	2,731	1,880	...	...	851
Brunei Darussalam	4	1,105	...	...	819	286
Cambodia	5	112	...	...	112	...
Canada	6	14,089	4,269	64	187	9,569
China	7	564	...	...	...	564
France	8	6,310	...	...	...	6,310
Greece	9	1,252	...	...	...	1,252
Hawaii	10	3	...	3	...	...
Hong Kong	11	3,440	1,373	33	2,034	...
India	12	2	...	...	...	2
Indonesia	13	1,622	...	...	1,622	...
Ireland	14	8	...	...	...	8
Italy	15	6,227	...	...	...	6,227
Japan	16	61,818	5,285	24	...	56,509
Korea, Republic of	17	3,106	...	9	106	2,991
Malaysia	18	17,597	2,097	...	15,237	263
Mauritius	19	154	...	...	154	...
Netherlands	20	2,402	1,931	...	105	366
New Zealand	21	95	...	...	95	...
OC Asia	22	31	...	...	31	...
Philippines	23	639	...	...	554	85
Portugal	24	105	...	...	...	105
Qatar	25	26	..	26	...	...
Singapore	26	3,873	2,994	86	...	793
Saudi Arabia	27	153	...	153	...	...
Spain	28	1,802	1,802	...	...	...
Sweden	29	506	...	...	...	506
Taiwan	30	517	...	24	169	324
Thailand	31	902	...	46	856	...
United Arab Emirates	32	206	...	76	130	...
United Kingdom	33	9,217	...	...	177	9,039
United States	34	318,100	117,120	31,933	388	168,659
Others	35	20,375	3,121	45	60	17,156

10.2 Exports by Country of Destination**10.2.10 Meals, solubles and similar animal feeding stuffs and fertilizers of aquatic animal origin (400)**

US\$ 1,000

Country/Area of Destination		Countries of Origin				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	205,848	6,148	3,059	72,479	124,161
Australia	1	6,836	1,110	...	5,003	723
Bangladesh	2	2,501	1,212	...	1,289	...
Belgium	3	1,013	...	...	146	867
Brunei Darussalam	4	47	...	...	...	47
China	5	45,025	940	137	1,443	42,505
Dominican Republic		140	140	...	...	...
Hong Kong	6	293	...	...	293	...
India	7	6,694	200	...	3,018	3,476
Indonesia	8	25,496	...	...	20,664	4,833
Japan	10	15,602	560	1,503	4,472	9,067
Korea, Republic of	11	3,686	176	...	2,870	641
Kuwait		8	...	8	...	...
Malaysia	12	14,929	141	...	3,877	10,912
Morocco		131	...	...	131	...
Myanmar	13	219	...	...	219	...
Netherlands		1	...	...	...	1
New Zealand	14	1,461	...	...	1,461	...
Pakistan	15	277	...	...	277	...
Philippines	16	10,663	...	...	5,062	5,601
Singapore	17	564	...	87	...	477
Spain		182	...	27	155	...
Sri Lanka	18	1,731	...	5	1,726	...
Taiwan	19	14,171	293	1,276	4,475	8,128
Thailand	20	7,083	335	...	6,748	...
Uni Kingdom	21	179	...	...	...	179
United States	22	724	...	...	...	724
Vietnam	23	36,029	...	...	9,152	26,878
Others	24	10,161	1,042	16	...	9,103



10.3 Imports by Fishery Commodity									
Q:MT V:US\$ 1,000									
Country, Sub-area		Total		11.Fish,fresh,chilled or frozen					
				Ornamental fish (111)		Fish fry (112)		Live fish (113)	
		Q	V	Q	V	Q	V	Q	V
Total	0	5,012,694	4,383,690	2,515,122	23,921	231	1,360	7,703	38,365
Brunei	1	14,043	13,355	4,649	309	...	...	5,811	102
Cambodia A	2	4,200	8,222	...	...	...	...	...	...
Indonesia	3	145,230	142,750	582	392	221	139	798	529
Malaysia A	4	453,197	633,667	...	...	...	...	...	...
Myanmar A	5	2,428	466,159	...	333	...	...	...	...
Philippine	6	200,136	149,483	73	119	10	32	389	1,528
Singapore	7	2,763,427	862,554	2,514,467	23,410	...	1,189	3,529	17,492
Thailand	8	1,379,598	1,743,482	...	...	...	...	2,990	18,816
Veitnam A	9	50,435	364,018	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.3 Imports by Fishery Commodity (cont'd)									
Q:MT V:US\$ 1,000									
Country, Sub-area		11.Fish,fresh,chilled or frozen						12.Fish,dried,salted or smoked	
		Eels,fresh,chilled or frozen (114)		Tunas,fresh, chilled or frozen (115)		Other fishes,fresh, chilled or frozen (116)		Shark's fin (121)	
		Q	V	Q	V	Q	V	Q	V
Total	0	11	11	58,206	77,984	1,507,036	1,821,772	2,254	53,926
Brunei	1	...	...	675	1,874	182	808	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	5	5	1,822	2,499	39,463	24,012	84	366
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippine	6	6	6	44,362	49,363	77,872	35,897	7	12
Singapore	7	...	...	12,022	26,122	106,270	264,338	2,163	53,548
Thailand	8	...	...	...	...	1,283,431	1,497,525	...	...
Veitnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.3 Imports by Fishery Commodity (cont'd)Q:MT
V:US\$ 1,000

Country, Sub-area		13. Crustaceans, fresh, frozen, dried and salted							
		Others (122)		Crabs, fresh and frozen (131)		Shrimp, prawns and lobsters fresh and frozen (132)		Shrimp, prawns and lobsters dried and salted (133)	
		Q	V	Q	V	Q	V	Q	V
Total	0	14,491	33,737	8,614	48,316	33,124	143,145	5,767	5,159
Brunei	1	110	389	139	360	339	2,477	657	2,418
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	7,252	4,166	132	1,217	3,208	5,748	...	...
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippine	6	155	220	92	63	1,713	1,271	...	...
Singapore	7	4,005	18,940	6,542	38,562	20,502	96,140	1,583	3,650
Thailand	8	3,079	10,410	1,668	8,474	7,701	39,986	4,184	1,509
Vietnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.3 Imports by Fishery Commodity (cont'd)Q:MT
V:US\$ 1,000

Country, Sub-area		14. Molluscs, fresh, frozen, dried and salted							
		Other crustaceans, fresh, frozen, dried and salted (134)		Squid, cuttlefish and octopus, fresh and frozen (141)		Squid, cuttlefish and octopus, dried and salted (142)		Mussels, fresh, frozen, dried and salted (143)	
		Q	V	Q	V	Q	V	Q	V
Total	0	349	849	73,956	91,214	4,963	12,217	2,572	7,288
Brunei	1	18	51	215	736	198	605	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	100	5,105	5,105	3,467	2	4	37	83
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippine	6	238	29,804	29,804	13,236	56	28	71	61
Singapore	7	11	8,975	8,975	19,560	919	4,162	...	...
Thailand	8	...	30,072	30,072	54,951	3,986	8,024	2,464	7,144
Vietnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.3 Imports by Fishery Commodity (cont'd)									
Q:MT V:US\$ 1,000									
Country, Sub-area		14.Molluscs,fresh,frozen,dried and salted				21.Fish products and preparations, whether or not in airtight containers			
		Arkshells,fresh,frozen, dried and salted (144)		Other molluscs fresh,frozen,dried and salted (145)		In airtight containers (211)		In non-airtight containers (212)	
		Q	V	Q	V	Q	V	Q	V
Total	0	...	...	10,214	49,435	53,886	118,808	5,067	5,758
Brunei	1	...	...	...	...	548	1,496	193	675
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	...	...	742	1,437	1,430	1,328	4,992	5,648
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippine	6	...	...	97	172	528	604	75	110
Singapore	7	...	...	8,548	45,203	35,655 B	79,588 B	...	...
Thailand	8	...	...	827	2,623	...	...	...	...
Veitnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007
B Include Fish products and preparations in airtight containers (211) and In non-airtight containers (212)

10.3 Imports by Fishery Commodity (cont'd)									
Q:MT V:US\$ 1,000									
Country, Sub-area		22.Crustacean and mollusc products and preparations, whether or not in airtight containers				Oils,fats,waxes,etc., of aquatic animal origin (300)		Meals, solubles and similar animal feedingstuffs and fertilizers of aquatic animal origin (400)	
		In airtight containers (221)		In non-airtight containers (222)		Q	V	Q	V
		Q	V	Q	V	Q	V	Q	V
Total	0	9,909	87,699	464	3,387	4,156	22,610	111,363	104,232
Brunei	1	143	499	166	556	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	341	1,834	19	44	2,922	11,607	62,672	56,474
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippine	6	529	753	...	...	780	1,810	28,480	20,852
Singapore	7	8,403 B	81,854 B	...	...	21	236	5,472	14,598
Thailand	8	636	3,258	445	3,343	433	8,957	14,739	12,309
Veitnam A	9	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2006
B Include Crustacean and mollusc products and preparations in airtight containers (221) and In non-airtight containers (222)

10.3 Imports by Fishery Commodity (cont'd)Q:MT
V:US\$ 1,000

Country, Sub-area	51. Fish, crustacean and mollusc sauces and soups, whether or not in airtight container				52. Miscellaneous edible products						
	Fish sauce (511)		Other fishes, crustacean and mollusc sauces and soups, whether or not in airtight containers (512)		Frog legs, fresh, chilled or frozen (521)		Shrimp pastes (522)		Shrimp crackers (523)		
	Q	V	Q	V	Q	V	Q	V	Q	V	
Total	0	5,195	16,652	431	799	9	44	8,814	12,839	68	29
Brunei A	1	...	...	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...	...	...
Indonesia	3	-	-	-	-	9	44	8,812	12,839	68	29
Malaysia A	4	...	...	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...	...	...
Philippine	6	212	125	-	-	-	-	2	...	-	-
Singapore	7	4,981 B	16,514 B	...	...	-	-	-	-	-	-
Thailand	8	2	13	431	799	-	-	-	-	-	-
Vietnam A	9	...	...	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2006

B Include Other fish, crustacean and mollusc sauces and soup, whether or not in airtight containers (512)

10.3 Imports by Fishery Commodity (cont'd)Q:MT
V:US\$ 1,000

Country, Sub-area	52. Miscellaneous edible products								
	Sea cucumber, fresh, frozen, dried, salted, etc. (524)		Jellyfish, fresh frozen, dried, salted, etc. (525)		Miscellaneous edible products (526)		Inedible fish, ova, waste, offal, etc. (530)		
	Q	V	Q	V	Q	V	Q	V	
Total	0	637	18,818	74	55	428	2,106	...	...
Brunei	1	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...
Indonesia	3	...	...	29	38	428	2,106	...	...
Malaysia A	4	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...
Philippine	6	...	...	45	17	...	...	...	...
Singapore	7	637	18,818	...	...	...	...	...	...
Thailand	8	...	...	...	...	...	...	...	...
Vietnam A	9	...	...	...	...	...	...	...	...

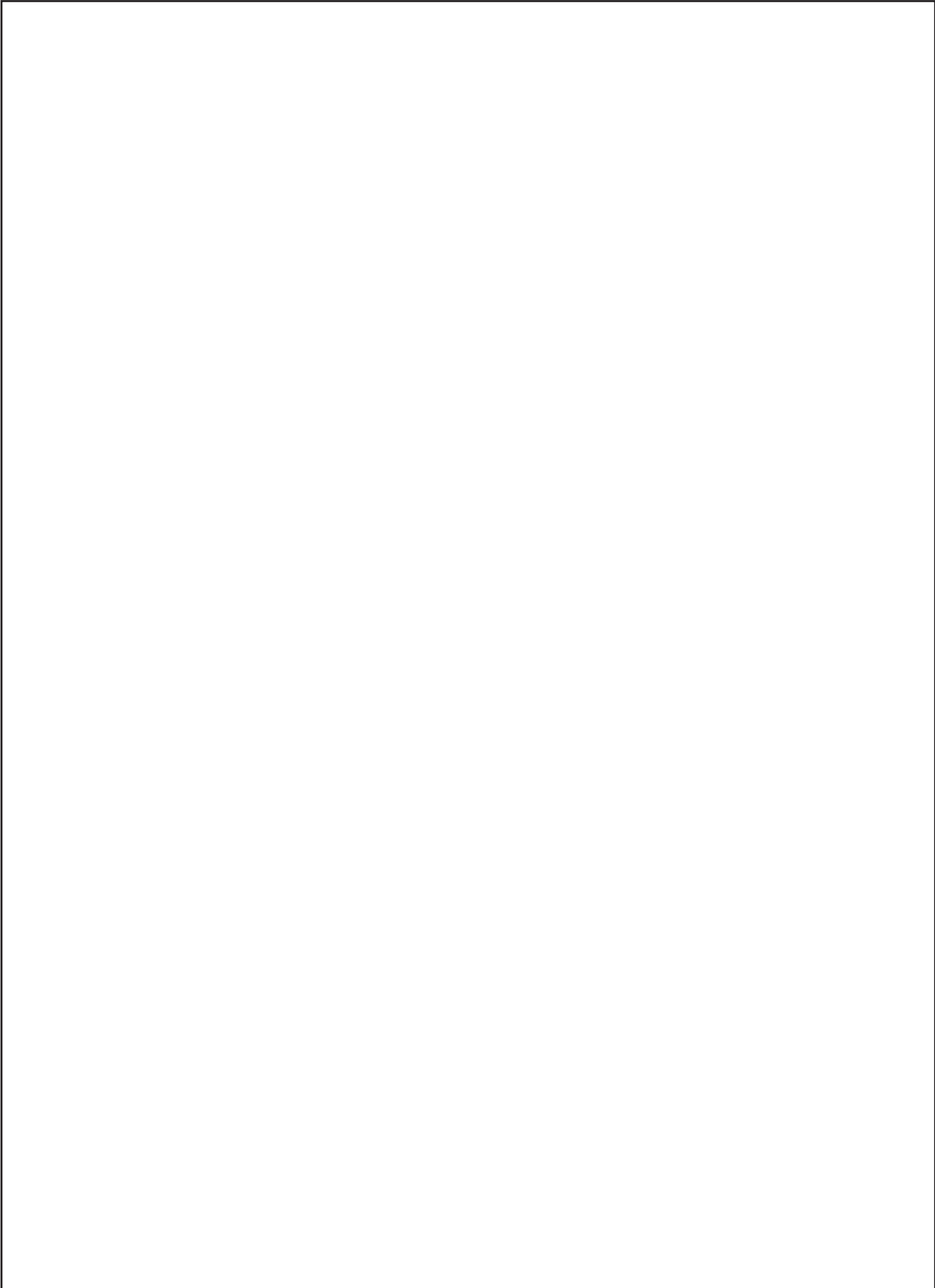
Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.3 Imports by Fishery Commodity (cont'd)												Q:MT V:US\$ 1,000	
Country, Sub-area		56.Bones, shells, etc., unworked or simply prepared								Sponges,raw or prepared (570)			
		Tortoise shell (561)		Corals (562)		Mother of pearl and other shells (563)		Other bones,shells,etc., unworked or simply prepared (564)					
		Q	V	Q	V	Q	V	Q	V			Q	V
Total	0	4	6	417	988	296	458	636	183	1	4		
Brunei	1	...	...	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...	...	...
Indonesia	3	4	6	227	423	...	...	...	...	...	...
Malaysia A	4	...	...	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...	...	...
Philippine	6	...	...	...	...	296	458	636	183	1	4
Singapore	7	...	...	190	565	...	...	...	...	...	...
Thailand	8	...	...	...	...	...	...	...	...	...	...
Veitnam A	9	...	...	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007

10.3 Imports by Fishery Commodity (cont'd)												Q:MT V:US\$ 1,000	
Country, Sub-area		Pearls, not set or strung (580)		Miscellaneous inedible products (590)		6.Product of aquatic plant origin						Others	
						Agar-agar flakes (601)		Red seaweeds/ products (602)		Miscellaneous plant origin (603)			
		Q	V	Q	V	Q	V	Q	V	Q	V	Q	V
Total	0	...	15,463	18,835	17,567	775	2,480	12,719	20,529	1,069	5,342	6,096	27,350
Brunei	1	...	...	...	...	...	...	...	...	...	...	...	...
Cambodia A	2	...	...	...	...	...	...	...	...	...	...	...	...
Indonesia	3	...	...	...	...	562	899	310	753	574	865	...	...
Malaysia A	4	...	...	...	...	...	...	...	...	...	...	...	...
Myanmar A	5	...	...	...	...	...	...	...	...	...	...	...	...
Philippine	6	...	...	617	260	24	94	12,409	19,776	495	2,262	...	...
Singapore	7	...	15,463	18,218	17,307	74	1,126	...	...	...	2,215	...	...
Thailand	8	...	...	...	...	115	361	...	...	...	...	6,096	27,350
Veitnam A	9	...	...	...	...	...	...	...	...	...	...	...	...

Note : A Figures from FAO Yearbook of Fishery Statistics, Fishery Commodities 2007



10.4 Imports by Country of Origin**10.4.1 Live fish (113)**

US\$ 1,000

Country/Area of Origin		Countries of Import					
		Total	Brunei	Indonesia	Philippines	Singapore	Thailand
Total	0	38,727	96	529	1,528	17,490	19,084
Australia	1	210	...	5	...	1	205
Bangladesh	2	21	...	...	...	21	...
Cambodia	3	350	...	...	...	350	...
Canada	4	423	...	...	...	...	423
China	5	304	...	...	...	1	303
France	6	581	...	...	1	166	413
Germany	7	277	...	...	...	...	277
Hong Kong	8	18	...	...	...	18	...
India	9	258	...	...	...	3	255
Indonesia	10	7,036	17	...	1,503	5,315	201
Israel	11	3	...	...	3	...	...
Japan	12	647	...	...	8	150	489
Korea Rep of	13	25	...	...	...	1	24
Madagascar	14	1	...	...	...	1	...
Maldives Republic of	15	1	...	...	...	1	...
Malaysia	16	14,394	67	484	...	9,172	4,672
Myanmar	17	11	...	...	...	11	...
Netherlands	18	18	...	...	...	...	18
Philippines	19	77	...	...	...	13	64
Singapore	20	314	...	20	...	...	294
Spain	21	1	...	...	...	...	1
Sri Lanka	22	5	...	...	...	5	...
Taiwan	23	79	...	20	6	5	48
Thailand	24	1,362	8	...	...	1,354	...
United Kingdom	25	8	...	...	...	...	8
United States	26	986	...	...	7	224	956
Vietnam	27	1,608	4	...	...	880	724
Others	28	9,709	...	...	...	...	9,709

10.4 Imports by Country of Origin
10.4.2 Other fishes, fresh, chilled or frozen (116)

US\$ 1,000

Country/Area of Origin		Countries of Import					
		Total	Brunei	Indonesia	Philippines	Singapore	Thailand
Total	0	1,813,270	808	24,012	35,897	248,835	1,503,718
Australia	1	7,815	3	...	145	4,161	3,507
Canada	2	3,600	5	...	...	...	3,594
Chile	3	5,036	...	...	172	4,864	...
China	4	85,149	...	3,901	16,776	8,694	55,778
Denmark	5	1,814	...	...	77	...	1,737
France	6	9,184	...	...	136	6,113	2,935
Hong Kong	7	154	...	...	154	...	...
India	8	29,132	...	722	...	5,364	23,045
Indonesia	9	263,516	9	...	...	55,642	207,865
Ireland	10	717	...	...	...	...	717
Italy	11	1,204	...	...	...	...	1,204
Japan	12	163,635	6	2,848	9,753	13,521	137,507
Kenya	13	2,830	...	...	...	2,830	...
Korea, Republic of	14	119,911	...	366	1,009	...	118,536
Malaysia	15	30,878	38	3,669	...	24,142	3,030
Mauritius	16	2,874	...	...	...	2,874	...
Mexico	17	352	...	...	352	...	...
Myanmar	18	8,415	...	978	...	7,437	...
Netherlands	19	8,306	...	...	165	...	8,141
New Zealand	20	16	16	...	...	...	...
Norway	21	24,435	98	...	1,676	22,661	...
OC Oceania	22	1,365	...	...	...	1,365	...
Pakistan	23	6,584	11	4,641	108	1,824	...
Philippines	24	16,820	...	...	...	...	16,820
Singapore	25	1,896	519	...	632	...	745
South Africa	26	7,960	...	...	54	7,906	...
Spain	27	9,327	...	...	54	...	9,273
Taiwan	28	257,560	16	...	1,215	27,940	228,388
Thailand	29	18,150	19	697	275	17,160	...
United Kingdom	30	5,069	...	...	...	...	5,069
United States	31	60,500	33	641	1,394	...	58,432
Uruguay	32	4,221	...	...	...	4,221	...
Vietnam	33	57,840	34	1,163	1,519	29,462	25,662
Yemen	34	654	...	...	...	654	...
Others	35	596,351	...	4,386	231	...	591,734

10.4 Imports by Country of Origin**10.4.3 Shark's fin (121)**

US\$ 1,000

Country/Area of Origin		Countries of Import			
		Total	Indonesia	Philippines	Singapore
Total	0	50,835	366	12	50,457
Argentina	1	569	76	...	493
Australia	2	797	48	6	743
China	3	3,141	...	...	3,141
Egypt	4	338	...	...	338
Hong Kong	5	5,918	...	5	5,913
India	6	2,715	...	...	2,715
Indonesia	7	5,950	...	...	5,950
Japan	8	2,222	...	...	2,222
Malaysia	9	363	39	...	324
Mauritius	10	130	...	...	130
New Zealand	11	946	...	...	946
Pakistan	12	503	...	...	503
Panama	13	1,272	...	...	1,272
Philippines	14	444	...	...	444
Singapore	15	182	182	...	...
Spain	16	15,651	...	...	15,651
Taiwan	17	3,170	...	...	3,170
Thailand	18	1,139	21	...	1,118
United Kingdom	19	209	...	...	209
Uruguay	20	2,492	...	...	2,492
Yemen	21	2,683	...	...	2,683
Other	22	1	...	1	...

10.4 Imports by Country of Origin
10.4.4 Fish, dried, salted or smoked (122)

US\$ 1,000

Country/Area of Origin		Countries of Import					
		Total	Brunei	Indonesia	Philippines	Singapore	Thailand
Total	0	27,821	839	4,166	220	17,860	5,301
Argentina	1	115	...	...	...	115	...
Australia	2	265	5	9	...	52	199
Cape Verde	3	11	...	...	...	11	...
Chile	4	540	...	...	...	540	...
China	5	1,440	...	145	...	1,136	160
Denmark	6	2	2	...	...	...	...
France	7	562	...	42	...	...	520
Germany Fed Rep of	8	20	...	...	...	20	...
Hong Kong	9	1,129	...	...	38	1,091	...
India	10	1,685	...	...	...	1,685	...
Indonesia	11	4,210	...	...	6	3,379	824
Italy	12	32	...	...	...	...	32
Japan	13	1,149	...	11	17	777	343
Korea, Republic of	14	17	...	6	11	...	...
Malaysia	15	2,310	105	435	...	1,765	4
Mauritius	16	111	...	111	...	...	...
Myanmar	17	426	...	366	...	60	...
Netherlands	18	208	...	...	...	...	208
New Zealand	19	191	9	...	...	182	...
Norway	20	2,969	24	73	...	2,872	...
OC Africa	21	301	...	...	...	301	...
Pakistan	22	200	...	21	...	179	...
Philippines	23	59	...	...	...	...	59
Singapore	24	151	16	23	100	...	11
Spain	25	16	...	...	7	...	9
Taiwan	26	110	...	...	...	64	46
Thailand	27	4,510	217	2,886	22	1,384	...
United Kingdom	28	71	10	...	...	44	18
United State	29	212	...	32	15	...	165
Vietnam	30	2,294	...	...	...	2,202	92
Others	31	2,620	...	6	4	...	2,610

10.4 Imports by Country of Origin**10.4.5 Shrimps, prawns and lobster, fresh and frozen (132)**

US\$ 1,000

Country/Area of Origin		Countries of Import					
		Total	Brunei	Indonesia	Phillipines	Singapore	Thailand
Total	0	209,939	2,477	5,748	1,271	95,921	104,523
Australia	1	4,882	...	29	...	3,476	1,377
Bangladesh	2	1,107	...	...	...	1,107	...
Belgium	3	121	...	121	...	...	...
Canada	4	12,970	...	...	...	1,207	11,763
China	5	6,996	...	108	408	3,454	3,026
Denmark	6	174	...	...	...	61	114
Egypt	7	66	...	66	...	...	...
France	8	24	...	2	...	...	22
Hong Kong	9	512	1	...	49	462	...
India	10	8,374	...	435	8	3,538	4,393
Indonesia	11	25,353	...	...	214	14,885	10,253
Ireland	12	19	...	...	...	...	19
Italy	13	237	...	...	...	...	237
Japan	14	3,135	...	211	61	426	2,436
Korea	15	1,127	...	...	...	...	1,127
Malaysia	16	40,614	323	140	...	37,023	3,128
Myanmar	17	9,909	1,926	2	...	7,981	...
Netherlands	18	1,218	...	1,218	...	...	...
New Zealand	19	1,500	...	...	...	1,500	...
Norway	20	468	...	...	...	468	...
Pakistan	21	1,356	...	1,356	...	...	...
Peru	22	54	...	...	54	...	...
Phillippines	23	1,390	...	...	...	442	948
Singapore	24	247	215	4	20	...	8
South Africa	25	36	...	36	...	...	...
Spain	26	117	...	...	...	...	117
Sweden	27	49	...	...	...	49	...
Taiwan	28	698	...	...	7	121	570
Thailand	29	7,377	...	15	94	7,268	...
United Kingdom	30	243	...	...	...	158	85
United States	31	4,197	12	2,005	29	1,619	533
Vietnam	32	14,507	...	...	326	10,676	3,505
Others	33	60,861	...	...	1	...	60,860

10.4 Imports by Country of Origin
10.4.6 Squid, cuttlefish and octopus, dried and salted (142)

US\$ 1,000

Country/Area of Origin		Countries of Import					
		Total	Brunei	Indonesia	Philippines	Singapore	Thailand
Total	0	12,823	605	4	28	4,163	8,024
Argentina	1	219	...	...	...	219	...
Cape Verde	2	2	...	...	...	2	...
Chile	3	13	...	...	13	...	...
China	4	3,131	6	...	2	2,278	845
Hong Kong	5	284	...	...	...	284	...
India	6	44	...	...	...	...	44
Indonesia	7	480	1	...	...	274	205
Japan	8	138	...	...	...	21	117
Korea DPR	9	285	...	...	...	285	...
Korea, Republic of	10	21	...	...	...	21	...
Malaysia	11	783	580	1	...	148	54
Myanmar	12	3	...	...	...	3	...
Philippines	13	42	...	...	...	...	42
Singapore	14	10	5	1	3	...	...
Taiwan	15	19	1	...	...	18	...
Thailand	16	104	13	...	...	91	...
Vietnam	17	6,839	...	...	9	519	6,311
Others	18	406	...	...	1	...	405

10.4 Imports by Country of Origin**10.4.7 Other molluscs, fresh,frozen,dried and salted (145)**

US\$ 1,000

Country/Area of Origin		Countries of Import				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	56,462	1,437	172	45,098	9,767
Australia	1	8,168	51	23	7,940	154
Canada	2	3,049	21	...	1,856	1,172
Chile	3	298	...	...	298	...
China	4	7,628	206	3	6,460	959
France	5	359	14	...	254	90
Hong Kong	6	2,588	5	9	2,574	...
India	7	344	...	...	...	344
Indonesia	8	657	...	2	505	149
Japan	9	11,845	10	5	10,368	1,462
Korea, Republic of	10	3,898	9	16	3,067	807
Malaysia	11	3,423	813	...	2,346	264
Netherlands	12	296	...	...	114	182
New Zealand	13	2,272	41	2	2,229	...
Norway	14	93	...	...	93	...
OC Africa	15	81	...	...	81	...
Philippines	16	355	...	...	340	16
Singapore	17	100	43	51	...	6
South Africa	18	259	...	...	259	...
Taiwan	19	14	...	14	...	...
Thailand	20	74	1	...	74	...
United Kingdom	21	1,257	6	...	1,211	40
United States	22	5,073	218	43	3,971	841
Vietnam	23	1,419	...	...	1,059	360
Others	24	2,913	...	1	...	2,912

10.4 Imports by Country of Origin**10.4.8 Fish products and preparations in airtight containers (211)**

US\$ 1,000

Country/Area of Origin		Countries of Import				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	80,790	1,496	1,328	604	77,361
Australia	1	1,947	...	10	39	1,898
Canada	2	233	...	...	233	...
Chile	3	11,296	...	29	...	11,268
China	4	6,160	...	7	38	6,115
Germany	8	6	...	...	6	...
Hong Kong	10	197	5	...	14	178
India	11	1,445	...	...	...	1,445
Indonesia	12	3,194	4	...	5	3,185
Italy	13	13	...	...	13	...
Japan	14	2,235	3	...	36	2,196
Korea, Republic of	15	19	...	2	17	...
Malaysia	16	23,541	1,323	378	36	21,804
New Zealand	19	459	...	...	...	459
Norway	20	376	...	...	...	376
Peru	23	527	...	...	...	527
Philippines	24	743	118	21	...	604
Portugal	25	52	...	...	52	...
Singapore	26	648	12	575	62	...
South Africa		56	...	...	...	56
Spain	27	152	...	...	17	135
Taiwan	28	160	...	...	10	150
Thailand	29	21,537	16	221	11	21,289
United Kingdom	30	471	9	...	3	459
United States	31	541	7	86	8	440
Uruguay	32	32	...	...	...	32
Vietnam	33	4,748	...	...	2	4,746
Others	34	3	...	1	2	...

10.4 Imports by Country of Origin**10.4.9 Crustacean and molluscs products and preparations in airtight containers (221)**

US\$ 1,000

Country/Area of Origin		Countries of Import					
		Total	Brunei	Indonesia	Philippines	Singapore	Thailand
Total	0	88,015	499	1,834	753	81,673	3,257
Australia	1	19,624	...	9	...	19,615	...
Canada	2	20	...	20	...	...	...
Chile	3	7,952	...	7	...	7,944	...
China	4	6,227	...	111	11	4,439	1,667
France	5	4	...	...	4	...	...
Hong Kong	6	1,148	...	...	...	1,148	...
Indonesia	7	412	...	...	27	385	...
Japan	8	2,543	...	37	8	2,413	86
Korea, Republic of	9	104	...	19	5	80	...
Malaysia	10	5,122	210	4	1	4,527	380
Mexico	11	5,658	...	9	...	5,649	...
Myanmar	12	160	...	...	...	160	...
New Zealand	13	14,363	...	...	...	14,363	...
OC Europe	14	97	...	...	...	97	...
Peru	15	1,194	...	...	...	1,194	...
Philippines	16	563	...	4	...	345	214
Singapore	17	593	112	232	248	...	...
South Africa	18	2,016	...	...	...	2,016	...
Sweden	19	86	...	...	...	86	...
Taiwan	20	2,759	...	...	121	2,638	...
Thailand	21	9,730	137	43	318	9,231	...
United States	22	2,572	8	1,337	4	1,050	173
Vietnam	23	4,508	31	...	...	4,291	186
Others	24	559	...	2	6	...	551

10.4 Imports by Country of Origin**10.4.10 Meals, solubles and similar animal feedingstuffs and fertilizers of aquatic animal origin (400)**

US\$ 1,000

Country/Area of Origin		Countries of Import				
		Total	Indonesia	Philippines	Singapore	Thailand
Total	0	104,082	56,474	20,474	14,458	12,298
Australia	1	879	...	402	477	...
Argentina	2	964	...	964	...	...
Belgium	3	128	...	...	36	91
Brazil	4	437	...	395	42	...
Canada	5	1,893	...	167	1,726	...
Chile	6	6,874	6,399	475	...	...
China	7	4,562	1,232	502	1,945	884
Denmark	8	759	...	394	...	365
Ecuador	9	1,792	1,792	...	...	...
France	10	5,509	...	132	5,369	8
Germany	11	797	...	...	797	...
Hong Kong	12	694	...	694	...	...
Hungary	13	91	...	...	91	...
India	14	81	...	...	81	...
Indonesia	15	569	...	418	...	151
Italy	16	1,195	...	140	1,055	...
Japan	17	2,324	1,404	...	148	772
Korea, Republic of	18	8,848	7,271	201	...	1,376
Malaysia	19	5,348	3,144	235	1,025	943
Mexico	20	2,462	2,462	...	...	...
Netherlands	21	66	...	...	23	43
Peru	22	28,354	22,722	5,632	...	...
Seychelles	23	824	...	653	171	...
South Africa	24	551	...	551	...	...
Spain	25	37	...	...	3	34
Taiwan	26	3,130	1,509	417	30	1,174
Thailand	27	9,219	3,520	5,475	225	...
Trinidad & Tobago	28	33	...	...	33	...
United States	29	3,840	...	2,627	1,176	38
Vietnam	30	1,354	4	1,350
Others	31	10,466	5,019	378	...	5,069

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