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DEPARTMENT OF SEAFDEC

KUALA TERENGGANU, MALAYSIA



SEAFDEC MFRDMD/ST/5

**THE CATCH-EFFORT STATISTICS
FOR THE SOUTH CHINA SEA AREA**

1995

Marine Fishery Resources Development and Management Department

Southeast Asian Fisheries Development Center

2000

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September 2000

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Southeast Asian Fisheries Development Center

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REPORT OF STATISTICAL BULLETIN

ISSN 1511-1709

FOREWORD

The SEAFDEC program of statistics can be divided into two components i.e., the general production statistics and the catch-effort statistics. The Catch-effort Statistics for the South China Sea area was first produced in November 1981 as a supplement to the Fishery Statistical Bulletin, which was first issued in 1978. The Catch-effort Statistics was later incorporated as part of the Statistical Bulletin from 1981 till 1983 and continued to be published independently by the Secretariat. The last publication was the Catch-effort Statistics for 1991.

At the Technical Working Group Meeting, held in Bangkok in January 1990, it was agreed that MFRDMD could embark on the compilation of the Catch-effort Statistics. The recommendation of the Technical Working Group Meeting was then included in MFRDMD'S three year Operation Plan (1992 - 1994) which was approved by the Council at its Twenty-fourth annual meeting held in Manila in 1991. Hence with the establishment of MFRDMD as the fourth Department of SEAFDEC the responsibility of producing the Catch-effort Statistics for the South China Sea area was eventually taken over by the Department in 1993.

MFRDMD has revised the format for the collection and compilation of the catch-effort statistics, and discussed this matter with the Secretariat, TD and other people concerned. The revised format was submitted to the Regional Workshop on Fishery Information and Statistics in Asia, held in January 1994, Bangkok. The workshop accepted the revised format for the catch-effort statistics for the region.

The first issue of the Catch-effort Statistics for 1992 was published by MFRDMD in 1997, the second issue in 1998, followed by the third issue in 1999. This Catch-effort Statistics for 1995 is the fourth in the series, which is still based on the original returns of the questionnaire.

On behalf of SEAFDEC, we would like to express our sincere appreciation to the Departments of Fisheries of Brunei Darussalam, Hong Kong, Malaysia and Thailand for the cooperation given in enabling us to compile and produce the Catch-effort Statistics for the region.



Ismail Taufid Md. Yusoff
Chief, SEAFDEC/MFRDMD
Kuala Terengganu

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EXPLANATORY NOTES

1. General Notes

1-1 Data Collection

The data compiled in this Bulletin are, in principle, based upon the returns from the authority concerned in each country to a questionnaire prepared by the Marine Fishery Resources Development and Management Department, Southeast Asian Fisheries Development Center (SEAFDEC/MFRDMD).

1-2 Time Reference

Data in this Bulletin refer to the year 1995.

1-3 Unit of Catch

Catch quantity is shown in metric ton (tonnes). However, there are some exceptions in the section of "III. Specific Data on Catch-effort".

2. Notes on Statistics

2-1 Category of Statistics

- 1) Annual Catch-effort Statistics --- Annual catch and effort data broken down into fishing gear and boat size category are described (whole country and sub-areas).
- 2) Monthly Catch-effort Statistics --- Monthly catch and effort data broken down into fishing gear and boat size category are described (whole country and sub-areas).
- 3) Specific Data on Catch-effort --- Data which cannot be applied for above two categories are described.

2-2 Classification and Coverage of Fishing Gears

Catch-effort data of twelve types of fishing gear as shown in the following table are compiled in this issue.

Major Group	Particular Name
1. Surrounding Net	One boat purse seine ----- (1) Anchovy purse seine (2) Thai purse seine (3) Fish purse seine
2. Seine Net	-
3. Trawl	(4) Otter trawl (5) Pair trawl (6) Beam trawl
4. Gill Net	(7) Drift gill net (8) Spanish mackerel drift gill net (9) Mackerel encircling gill net
5. Lift Net	
6. Trap	(10) Bamboo stake trap
7. Hook-and-line	(11) Longline
8. Push Net	(12) Engine boat push net
9. Shellfish and Seaweed Collecting Gear	-
10. Others	-

2-3 Classification of Fishing Boats

In Malaysia, fishing boats are classified into classes by their tonnage (GRT class), which comprise five categories i.e., (1) less than 10 tons, (2) from 10 to 25 tons, (3) from 25 to 40 tons, (4) from 40 to 70 tons, and (5) over 70 tons.

In Thailand, fishing boat are classified into classes by their length (in meter), which comprise four categories i.e., (1) less than 14 meters, (2) 14 to 18 meters, (3) from 18 to 25 meters, and (4) over 25 meters.

2-4 Coverage of Fishing Efforts

The units of fishing effort are classified for each class boat size.

- 1) Number of fishing units
- 2) Number of trips
- 3) Number of days
- 4) Number of hauls
- 5) Number of hours (operating hours are from start shooting until start hauling in trawling, and excluding searching hours for fish schools in purse seining)
- 6) Number of hooks (Longline only)

2-5 Others

Countries and sub-areas for the statistics, classification and code number of species, and list of marine species with codes of SEAFDEC and ISSCAAP (FAO) are shown in ANNEX I.

DATA AVAILABILITY

1. Annual Catch-effort Statistics 1995

Catch and Fishing Effort by Type of Fishing Gear

One Boat Purse Seine: *Brunei*
Anchovy Purse Seine: *Thailand*
Thai Purse Seine: *Thailand*
Fish Purse Seine: *Malaysia*
Otter Trawl: *Malaysia and Thailand*
Pair Trawl: *Thailand*
Beam Trawl: *Thailand*
Drift/Gill Net: *Malaysia*
Spanish Mackerel Drift Gill Net: *Thailand*
Mackerel Encircling Gill Net: *Thailand*
Bamboo Stake Trap: *Thailand*
Longline: *Malaysia*
Engine Boat Push Net: *Thailand*

Catch and Fishing Effort by Type of Fishing Gear and Size of Management

Fish Purse Seine: *Malaysia*
Otter Trawl: *Malaysia and Thailand*
Pair Trawl: *Thailand*

2. Monthly Catch-effort Statistics 1995

Catch and Fishing Effort by Type of Fishing Gear and by Month

One Boat Purse Seine: *Brunei Darussalam*
Anchovy Purse Seine: *Thailand*
Thai Purse Seine: *Thailand*
Otter Trawl: *Malaysia and Thailand*
Pair Trawl: *Thailand*
Beam Trawl: *Thailand*
Spanish Mackerel Drift Gill Net: *Thailand*
Mackerel Encircling Gill Net: *Thailand*
Bamboo Stake Trap: *Thailand*
Engine Boat Push Net: *Thailand*
All Gear: *Malaysia*

3. Specific Data on Catch-effort 1995

Hongkong

Annual Catch and Effort (Unit only) by Type of Fishing Gear

Purse Seine, Stern Trawl, Pair Trawl, Shrimp Trawl, Gill Net and Line

Data from Thailand were compiled from the original output sheets by SEAFDEC/MFRDMD.

ANNEX I

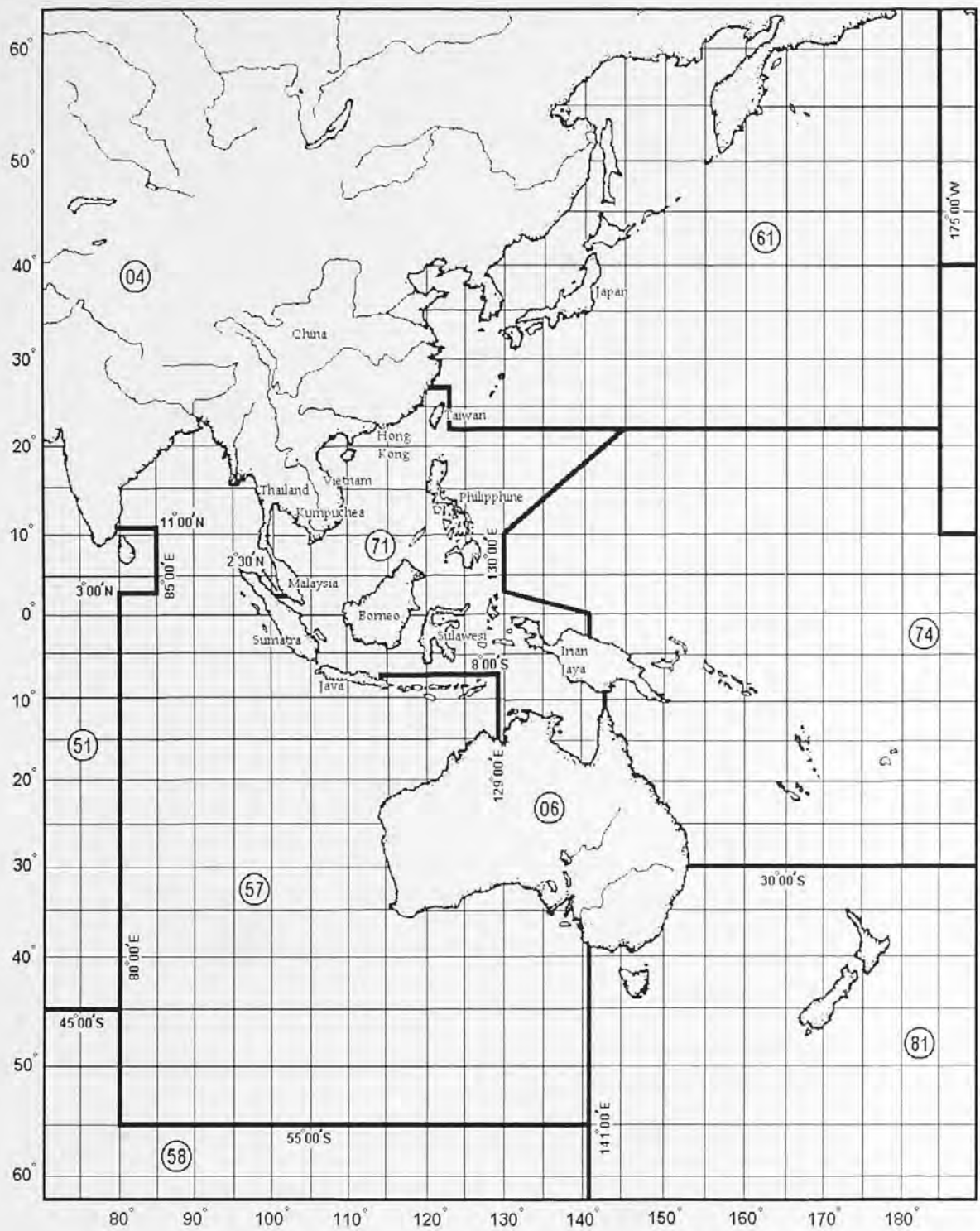
1. Countries and Sub-areas for the Statistics

Countries and sub-areas to be used in catch-effort statistics are as follows:

- 1) Brunei
- 2) Taiwan
- 3) Hong Kong
- 4) Indonesia
 - 4) - 1 West coast of Sumatra
 - 4) - 2 South coast of Java
 - 4) - 3 Malacca Straits
 - 4) - 4 East coast of Sumatra
 - 4) - 5 North coast of Java
 - 4) - 6 Bali and Nusa Tenggara
 - 4) - 7 Kalimantan
 - 4) - 8 Sulawesi
 - 4) - 9 Maluku and Irian Jaya
- 5) Kampuchea
- 6) Malaysia
 - 6) - 1 West coast of Peninsular Malaysia
 - 6) - 2 East coast of Peninsular Malaysia
 - 6) - 3 Sabah
 - 6) - 4 Sarawak
 - 6) - 5 Labuan
- 7) Philippines
 - 7) - 1 Luzon
 - 7) - 2 Visayas
 - 7) - 3 Mindanao
- 8) Singapore
- 9) Thailand
 - 9) - 1 Gulf of Thailand
 - 9) - 2 Indian Ocean
- 10) Viet Nam

In Specific Data on Catch-effort, some particular areas which are defined in the remarks are applied.

2. Major Fishing Areas for Statistical Purposes



3. Classification and Code Number of Species

1) Catch by Species

The catch should be broken down by species (group). The standard statistical classification of marine species was amended based on proposal made during the Seventh Regional Workshop on Fishery Statistics (1989) which were revised by taking comments into account from the countries after the Workshop.

2) Species Code Number

The species code number previously assigned by SEAFDEC Bulletin was changed from a “three-digit number” to “four-digit number”. The four-digit number will be added to the list to allow for further sub-division of the species groups when required.

3) Definition of Species Code Number

The first two digits show the group number taken from ISSCAAP (FAO Yearbook). This group number should not be changed, even if the ISSCAAP grouping has changed. The last two digits show the particular species within a group, starting from 01.

4) Names of Family

In all cases the family names of fish species have been taken from a single reference (Greenwood, P. H., D. E. Rosen, S. H. Weitzman and G. S. Myers. 1966. Phyletic studies of teleostean fishes, with a provisional classification of living forms. *Bull. Amer. Mus. Nat. Hist.*, 131 (4): 339-456) to allow clear selection, without taxonomical confusion, of teleostean fishes.

5) English and Scientific Name

As the English names for species vary quite considerably, the species codes have been based on the scientific name of the species.

4. List of Marine Species with Species Codes of SEAFDEC and ISSCAAP (FAO)

ISSCAAP			SEAFDEC		
Div.	Group	Code	Name	Code No.	Family / Scientific name
2.	24. Shad, milkfish, etc.	CHG	1. Shads	2401	Clupeidae - <i>Anodontostoma chacunda</i>
		PEO			<i>Pellona ditchela</i>
	MIL	2. Milkfish	2402	Chanidae - <i>Chanos chanos</i>	
	25. Miscellaneous	GIP	1. Barramundi	2501	Centropomidae - <i>Lates calcalifer</i>
3.	31. Flounders, halibut, soles	LEF	1. Flounders	3101	Bothidae
		HPX	2. Indian halibuts	3102	Psettodidae
		TOX	3. Tongue soles	3103	Cynoglossidae
		SOX	4. Soles	3104	Soleidae
	33. Red fishes, bass, congers, etc.	CAX	1. Marine catfishes	3301	Ariidae
		CAE	2. Catfish eels	3302	Plotosidae - <i>Plotosus</i> spp.
		LSS	3. Lizard fishes	3303	Synodontidae - <i>Saurida</i> spp.
		PCX	4. Sharp-toothed pike eels and conger eels	3304	Muraenesocidae - <i>Muraenesox</i> spp. (including Congridae, Muraenidae and Synbranchidae)
		GPX	5. Groupers	3305	Serranidae - <i>Epinephelus</i> spp.
		WHS	6. Sillago whittings	3306	Sillaginidae
		SNA	7. Red snappers	3307	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>)
		SNX	8. Other snappers	3308	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>Pristipomoides</i> spp.
		FUS	9. Fusiliers	3309	Lutjanidae - <i>Caesio</i> spp.
		THB	10. Threadfin breams	3310	Nemipteridae - <i>Nemipterus</i> spp. (including <i>Scolopsis</i> spp.)
		PON	11. Pony fishes	3311	Leiognathidae
		GRX	12. Grunters and sweetlips	3312	Pomadasyidae
		CDX	13. Drums and croakers	3313	Sciaenidae
		GOX	14. Goatfishes	3314	Mullidae - <i>Upeneus</i> spp. (including <i>Parupeneus</i> spp.)
		ELL	15. Emperor breams	3315	Lethrinidae - <i>Lethrinus</i> spp. (including <i>Gymnocranius</i> spp.)
		BIG	16. Big-eye snappers	3316	Priacanthidae - <i>Priacanthus</i> spp.
SBX	17. Breams	3317	Sparidae		
TIS	18. Horseheads	3318	Branchiostegidae		
SPI	19. Rabbitfishes	3319	Siganidae - <i>Siganus</i> spp.		
DPX	20. Other species	3320	Main groups to be identified, if possible.		

ISSCAAP			SEAFDEC		
Div.	Group	Code	Name	Code No.	Family / Scientific name
3.	34. Jacks, mullets, sauries, etc.	HAX	1. Half beaks and needlefishes	3401	Exocoetidae - <i>Hemirhamphus</i> spp.
		NED			Belonidae - <i>Tylosurus</i> spp.
		BAR	2. Barracudas	3402	Sphyraenidae - <i>Sphyraena</i> spp.
		MUL	3. Mulletts	3403	Mugilidae
		THF	4. Threadfins	3404	Polynemidae
		SDX	5. Round scads	3405	Carangidae - <i>Decapterus</i> spp.
		TRE	6. Jacks, cavalla and trevallies	3406	Carangidae - <i>Caranx</i> spp.
		GLT			<i>Gnathanodon speciosus</i> (including <i>Alectis</i> spp. <i>Atropus atropus</i> , <i>Caranx chrysophrys</i> , <i>C. malabaricus</i> , <i>C. ignobilis</i>)
		BIS	7. Selar scads	3407	Carangidae - <i>Selar crumenophthalmus</i>
		TRY			<i>Selaroides leptolepis</i> (including <i>Alepes</i> spp., <i>Selar</i> spp.)
		HAS	8. Hardtail scad	3408	Carangidae - <i>Megalaspis cordyla</i>
		QUE	9. Queenfishes	3409	Carangidae - <i>Scomberoides</i> (= <i>Chorinemus</i>) spp.
	POB	10. Black pomfret	3410	Formionidae - <i>Formio niger</i>	
	SIP	11. White pomfrets	3411	Stromateidae - <i>Pampus argenteus</i> (including <i>Pampus chinensis</i>)	
	PPX	12. Other species	3412	Main groups to be identified, if possible.	
	35. Herrings, sardines, anchovies	SIX	1. Sardines	3501	Clupeidae - <i>Sardinella</i> spp.
		RAS	2. Round herring	3502	Clupeidae - <i>Dussumieria acute</i>
		STO	3. Anchovies	3503	Engraulidae - <i>Stolephorus</i> spp.
		CLU	4. Clupeoids	3504	Clupeoidei
		DOB	5. Wolf herring	3505	Chirocentridae - <i>Chirocentrus dorah</i>
	36. Tunas	SKJ	1. Skipjack tuna	3601	Scombridae - <i>Katsuwonus pelamis</i>
		YFT	2. Yellowfin tuna	3602	Scombridae - <i>Thunnus albacares</i>
		BET	3. Big-eye tuna	3603	Scombridae - <i>Thunnus obesus</i>
		LOT	4. Longtail tuna	3604	Scombridae - <i>Thunnus tonggol</i>
		ALB	5. Albacore	3605	Scombridae - <i>Thunnus alalunga</i>
		KAW	6. Eastern little tuna	3606	Scombridae - <i>Euthynnus affinis</i>
		FRZ	7. Frigate tuna and bullet tuna	3607	Scombridae - <i>Auxis thazard</i> <i>Auxis rochei</i>
		BIL	8. Indo-Pacific swordfish, sailfishes and marlins	3608	Istiophoridae - <i>Istiophorus</i> spp. <i>Makaira</i> spp.
		XIP			Xiphiidae - <i>Xiphias</i> spp.
		COM	9. Narrow-barred king mackerel	3609	Scombridae - <i>Scomberomorus commerson</i>
	GUT	10. King mackerels	3610	Scombridae - <i>Scomberomorus guttatus</i>	
	STS			<i>Scomberomorus lineolatus</i>	
	37. Mackerels	RAG	1. Indian mackerels	3701	Scombridae - <i>Rastrelliger kanagurta</i> (including <i>Rastrelliger faughni</i>)
		RAB	2. Indo-Pacific mackerel	3702	Scombridae - <i>Rastrelliger brachysoma</i>
		CUT	3. Hairtails	3703	Trichiuridae

ISSCAAP			SEAFDEC		
Div.	Group	Code	Name	Code No.	Family / Scientific name
3.	38. Sharks and rays	SKH	1. Sharks	3801	Carcharhinidae, Sphyrnidae, Orectolobidae, etc.
		BAI	2. Rays	3802	Trygonidae, Sphyrnidae, Myliobatidae, etc.
	39. Miscellaneous	MZZ	1. Miscellaneous	3901	Mixed species
		MZZ	2. Trash fishes	3902	Mixed species
4.	42. Crabs	CRS	1. Swimming crabs	4201	Portunidae - <i>Portunus</i> spp.
		MUD	2. Mangrove crab	4202	Portunidae - <i>Scylla serrata</i>
	43. Lobsters	SLV	1. Spiny lobsters	4301	Palinuridae - <i>Panulirus</i> spp.
		SST	2. Slipper lobster	4302	Scyllaridae - <i>Thenus orientalis</i>
	45. Shrimps, prawns, etc.	GIT	1. Tiger prawn	4501	Penaenidae - <i>Penaeus monodon</i>
		PEN MET	2. Penaeid prawns	4502	Penaenidae - <i>Penaeus</i> spp. <i>Metapenaeus</i> spp.
		-	3. Other prawns	4503	Penaenidae - <i>Parapenaeopsis</i> spp. Other family (genus) names will be added.
	47. Miscellaneous maine crustaceans	CRU	1. Miscellaneous	4701	Mixed species
5.	55. Scallops, pectens, etc.	SCX	1. Scallops	5501	Pectinidae
	56. Cockles, clams	BLS BLC	1. Blood cockle	5601	Arcidae - <i>Anadara</i> spp. <i>Anadara granosa</i>
		MAT	2. Clams and cone shell	5602	Mactridae Other family names will be added.
	57. Cuttlefish, squid and octopus	CTL	1. Cuttlefishes	5701	Sepiidae, Sepiolidae
		SQC	2. Squids	5702	Loliginidae - <i>Loligo</i> spp.
		OCZ	3. Octopuses	5703	Octopodidae - <i>Octopus</i> spp.
	58. Miscellaneous marine molluscs	MOL	1. Miscellaneous	5801	Other molluscs
7.	76. Miscellaneous aquatic animals	JEL	1. Jellyfishes	7601	<i>Rhopilema</i> spp.

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

- 1-1-1 One Boat Purse Seine
(1) Brunei Darussalam
- 1-1-2 Anchovy Purse Seine
(1) Thailand
- 1-1-3 Thai Purse Seine
(1) Thailand
- 1-1-4 Fish Purse Seine
(1) Malaysia
- 1-1-5 Otter Trawl
(1) Brunei Darussalam
(2) Malaysia
(3) Thailand
- 1-1-6 Pair Trawl
(1) Thailand
- 1-1-7 Beam Trawl
(1) Thailand
- 1-1-8 Drift/Gill Net
(1) Malaysia
- 1-1-9 Spanish Mackerel Drift Gill Net
(1) Thailand
- 1-1-10 Mackerel Encircling Gill Net
(1) Thailand
- 1-1-11 Bamboo Stake Trap
(1) Thailand
- 1-1-12 Longline
(1) Malaysia
- 1-1-13 Engine Boat Push Net
(1) Thailand

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-1 One Boat Purse Seine

(1) Brunei Darussalam

Sub-area: Zone 2-3

Units of fishing effort		Total
No. of fishing units		1
No. of trips		240
No. of days		240
No. of hauls		240
No. of hours		720
Total catch (Tonnes)		114.7
Species (group)	Code No.	Total
Shads	2401	
Indian halibuts	3102	
Marine catfishes	3301	
Sharp-toothed p. & c. eels	3304	
Groupers	3305	
Red snappers	3307	
Other snappers	3308	
Fusiliers	3309	
Pony fishes	3311	
Grunters and sweetlips	3312	
Drums and croakers	3313	
Goatfishes	3314	
Big-eye snappers	3316	
Breams	3317	
Other species	3320	
Barracudas	3402	
Mulletts	3403	
Round scads	3405	13.6
Jack, cavalla, trevallies	3406	
Selar scads	3407	20.1
Hardtail scad	3408	
Queenfishes	3409	0.1
Black pomfret	3410	0.5
White pomfret	3411	
Other species	3412	
Sardines	3501	3.9
Clupeoids	3504	
Wolf herring	3505	
Skipjack tuna	3601	
Longtail tuna	3604	
Eastern little tuna	3606	2.5
Narrow-barred king mackerel	3609	
Indian mackerels	3701	61.9
Indo-Pacific mackerel	3702	
Hairtails	3703	
Sharks	3801	
Rays	3802	
Swimming crabs	4201	
Mangrove crabs	4202	
Slipper lobster	4302	
Tiger prawn	4501	
Panaeid prawns	4502	
Others prawn	4503	
Cuttlefishes	5701	
Squids	5702	
Octopus	5703	
OTHERS		12.1
TOTAL (Tonnes)		114.7

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-2 Anchovy Purse Seine

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		175	125	50
No. of trips		111,116	88,130	22,986
No. of days		118,786	90,078	28,708
No. of hauls		293,896	227,504	66,392
No. of hours		700,490	577,694	122,796
Total catch (Tonnes)		147,034	112,212	34,822
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102			
Tongue soles	3103			
Marine catfishes	3301			
Lizard fishes	3303			
Sharp-toothed p. & c. eel	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Treadfin breams	3310			
Drums and crockers	3313			
Big-eyes snappers	3316			
Barracudas	3402	31	31	
Mullet	3403			
Threadfins	3404			
Round scads	3405	20	20	
Jacks, cavalla and trevallies	3406	64	64	
Selar scads	3407	27	27	
Hardtail scad	3408	115	115	
Black pomfret	3410	124	124	
White pomfret	3411			
Sardines	3501	1,050	1,041	9
Anchovies	3503	144,623	109,810	34,813
Wolf herring	3505	45	45	
Longtail tuna	3604			
Eastern little tuna	3606	43	43	
Narrow-barred king mackerel	3609	44	44	
Indian mackerel	3701	363	363	
Indo-pacific mackerel	3702			
Hairtails	3703			
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	286	286	
Trash fishes	3902			
Swimming crabs	4201			
Mangrove crab	4202			
Slipper lobsters	4302			
Tiger prawn	4501			
Panaeid prawns	4502			
Other prawns	4503			
Miscellaneous	4701			
Scallops	5501			
Cuttlefishes	5701			
Squids	5702			
Octopuses	5703	199	199	
TOTAL (Tonnes)		147,034	112,212	34,822

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-3 Thai Purse Seine

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of units		475	344	131
No. of trips		126,918	73,718	53,200
No. of days		317,371	209,651	107,720
No. of hauls		667,975	507,007	160,968
No. of hours		2,217,596	1,629,799	587,797
Total catch (Tonnes)		771,698	509,372	262,326
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102			
Tongue soles	3103			
Marine catfishes	3301			
Lizard fishes	3303			
Sharp-toothed p. & c. eel	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Treadfin breams	3310			
Drums and crockers	3313			
Big-eyes snappers	3316			
Barracudas	3402	1,556	390	1,166
Mulletts	3403			
Threadfins	3404			
Round scads	3405	77,594	54,613	22,981
Jacks, cavalla and trevallies	3406	41,706	36,444	5,262
Selar scads	3407	37,609	34,156	3,453
Hardtail scad	3408	16,117	8,829	7,288
Black pomfret	3410	2,074	1,636	438
White pomfret	3411			
Sardines	3501	186,931	132,908	54,023
Anchovies	3503	10,831	761	10,070
Wolf herring	3505	1,780	606	1,174
Longtail tuna	3604	47,325	32,032	15,293
Eastern little tuna	3606	68,698	42,377	26,321
Narrow-barred king mackerel	3609	3,621	1,403	2,218
Indian mackerel	3701	56,337	34,576	21,761
Indo-pacific mackerel	3702	119,791	81,854	37,937
Hairtails	3703	746	243	503
Sharks	3801	29	29	
Rays	3802	40	40	
Miscellaneous fishes	3901	46,933	28,577	18,356
Trash fishes	3902	50,491	17,487	33,004
Swimming crabs	4201			
Mangrove crab	4202			
Slipper lobsters	4302			
Tiger prawn	4501			
Panaeid prawns	4502			
Other prawns	4503			
Miscellaneous	4701			
Scallops	5501			
Cuttlefishes	5701	4	4	
Squids	5702	1,485	407	1,078
Octopuses	5703			
TOTAL (Tonnes)		771,698	509,372	262,326

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-4 Fish Purse Seine

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P	Sabah	Sarawak	Labuan
Units of fishing effort							
Cumulative no. of fishing units		5,612	2,382	3,230			
Cumulative no. of trips		64,359	31,465	32,894			
Cumulative no. of days		91,148	43,434	47,714			
Cumulative no. of hauls		218,161	94,678	123,483			
Total catch (Tonnes)		162,304	54,836	71,802	28,875	1,313	5,478
Species (group)	Code No.	Total	West Coast P	East Coast P	Sabah	Sarawak	Labuan
Shads	2401	5	5				
Barramundi	2501						
Flounders	3101						
Tongue soles	3103						
Marine catfishes	3301	120	23	92		5	
Catfish eels	3302	2				2	
Lizard fishes	3303						
Sharp-toothed p. & c. eels	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307	4		4			
Other snappers	3308	1					1
Fusiliers	3309	10		10			
Threadfin breams	3310						
Pony fishes	3311	22		22			
Grunters and sweetlips	3312						
Drums and croakers	3313	32	3		26	3	
Goatfishes	3314						
Rabbitfishes	3319	1		1			
Other species	3320	1					1
Barracudas	3402	245		69	65		111
Mulletts	3403	511	509			2	
Threadfins	3404	1	1				
Round scads	3405	41,247	6,065	27,509	6,983	223	467
Jack, cavalla, trevallies	3406	903	577	287	37		2
Selar scads	3407	23,768	6,551	15,936	602	303	376
Hardtail Scad	3408	7,459	5,225	1,293	455	4	482
Queenfishes	3409	131	7	46	78		
Black pomfret	3410	980	585	41	84	169	101
Other species	3412	1		1			
Sardines	3501	25,407		14,271	10,247	227	662
Anchovies	3503	8	1		7		
Clupeoids	3504	58			58		
Wolf herring	3505	1,456	1,440	16			
Eastern little tuna	3606	11,310	3,382	3,277	2,593	43	2,015
Swordfishes, sail. & marl	3608						
King mackerels	3610	630	146	286	130	3	65
Indian mackerels	3701	39,607	26,811	6,725	4,854	215	1,002
Hairtails	3703	235	3	232			
Sharks	3801	1					1
Rays	3802	4			3		1
Miscellaneous fishes	3901	2,688	355	115	2,069	114	35
Trash fishes	3902	4,534	2,968	984	537		45
Mangrove crab	4202	1					1
Spiny lobsters	4301						
Tiger prawn	4501	1					1
Penaeid prawns	4502	10	8				2
Other prawns	4503	2					2
Clams and cone shell	5602						
Cuttlefishes	5701	5			1		4
Squids	5702	903	171	585	46		101
Octopuses	5703						
Miscellaneous m. molluscs	5801						
TOTAL (Tonnes)		162,304	54,836	71,802	28,875	1,313	5,478

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-5 Otter Trawl (Demersal Trawl)

(1) Brunei Darussalam

Sub-area: Zones 2-3

Units of fishing effort		Total
No. of fishing units		17
No. of trips		1,224
No. of days		3,672
No. of hauls		11,016
No. of hours		22,032
Total catch (Tonnes)		979.1
Species (group)	Code No.	Total
Shads	2401	1.1
Indian halibuts	3102	4.4
Marine catfishes	3301	0.1
Sharp-toothed p. & c. eels	3304	0.8
Groupers	3305	6.8
Red snappers	3307	15.3
Other snappers	3308	17.0
Fusiliers	3309	0.2
Pony fishes	3311	64.1
Grunters and sweetlips	3312	7.3
Drums and croakers	3313	27.0
Goatfishes	3314	2.5
Big-eye snappers	3316	0.6
Breams	3317	36.9
Other species	3320	
Barracudas	3402	1.2
Mullet	3403	0.1
Round scads	3405	12.2
Jack, cavalla, trevallies	3406	53.8
Selar scads	3407	1.7
Hardtail scad	3408	3.3
Queenfishes	3409	7.4
Black pomfret	3410	1.2
White pomfret	3411	2.9
Other species	3412	
Sardines	3501	0.1
Clupeoids	3504	
Wolf herring	3505	
Skipjack tuna	3601	0.0
Longtail tuna	3604	
Eastern little tuna	3606	0.9
Narrow-barred king mackerel	3609	4.7
Indian mackerels	3701	11.1
Indo-Pacific mackerel	3702	0.9
Hairtails	3703	0.1
Sharks	3801	46.6
Rays	3802	55.9
Swimming crabs	4201	0.7
Mangrove crabs	4202	
Slipper lobster	4302	0.5
Tiger prawn	4501	
Penaeid prawns	4502	
Other prawns	4503	52.3
Cuttlefishes	5701	3.4
Squids	5702	29.5
Octopus	5703	
OTHERS		504.8
TOTAL (Tonnes)		979.1

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-5 Otter Trawl

(2) Malaysia

Sub-area		Total	West Coast P	East Coast P	Sabah	Sarawak	Labuan
Units of fishing effort							
Cumulative no. of fishing units		61,401	47,192	14,209			
Cumulative no. of trips		862,229	740,950	121,279			
Cumulative no. of days		1,145,095	917,586	227,509			
Cumulative no. of hauls		3,635,085	2,808,462	826,623			
Total catch (Tonnes)		609,298	313,058	175,766	49,106	61,958	9,410
Species (group)	Code No.	Total	West Coast P	East Coast P	Sabah	Sarawak	Labuan
Shads	2401	6,234	3,529	329	1,102	1,205	69
Barramundi	2501	18	8	3		6	1
Flounders	3101	1,606	314	422	618	141	111
Tongue soles	3103	2,333	1,917	271	3	117	25
Marine catfishes	3301	5,962	2,158	1,980	464	1,314	46
Catfish eels	3302	225	221	4			
Lizard fishes	3303	8,779	5,927	1,835	1,002		15
Sharp-toothed p. & c. eels	3304	2,133	891	119	488	621	14
Groupers	3305	2,181	1,299	514	173	104	91
Sillago whiting	3306	1,090	597	492	1		
Red snappers	3307	1,639	243	745	84	441	126
Others snappers	3308	4,141	618	2,680	494	58	291
Fusiliers	3309	82	3	13	1	5	60
Threadfin breams	3310	25,351	13,043	6,966	4,597	485	260
Pony fishes	3311	1,359	34	616	509	60	140
Grunters and sweetlips	3312	652	250	97	225	35	45
Drums and croakers	3313	11,272	7,089	1,311	1,063	1,610	199
Goatfishes	3314	9,527	1,432	2,874	677	4,349	195
Rabbitfishes	3319	233	27	147	26		33
Other species	3320	1,240	55	601	44	367	173
Barracudas	3402	1,907	469	580	649	111	98
Mulletts	3403	729	719	3	1	4	2
Threadfins	3404	327	235	11	1	53	27
Round scads	3405	7,631	4,327	725	2,443	31	105
Jack, cavalla, trevallies	3406	3,011	762	857	743	309	340
Selar scads	3407	10,562	3,415	5,583	497	660	407
Hardtail scad	3408	9,439	7,618	922	311	533	55
Queenfishes	3409	449	135	44	139	120	11
Black pomfret	3410	5,075	4,295	170	37	472	101
Other species	3412	189	52	135			2
Sardines	3501	2,117	1,965	18	50	84	
Anchovies	3503	538	447	23	58	10	
Clupeoids	3504	24	7	6	11		
Wolf herring	3505	1,841	1,036	637	5	132	31
Eastern little tuna	3606	123	56	29		34	4
Swordfishes, sail. & marl	3608	3		3			
King mackerels	3610	3,343	1,747	740	157	634	65
Indian mackerels	3701	33,597	30,527	960	1,244	722	144
Hairtails	3703	4,619	2,627	668	327	990	7
Sharks	3801	3,532	741	944	571	1,142	134
Rays	3802	9,908	3,132	3,986	961	1,680	149
Miscellaneous fishes	3901	33,675	10,449	9,392	4,271	7,812	1,751
Trash fishes	3902	297,489	150,763	105,603	11,479	26,803	2,841
Mangrove crab	4202	4,297	1,894	1,028	1,167	108	100
Spiny lobsters	4301	658	19	532	21	6	80
Tiger prawn	4501	569	93	107	248	31	90
Penaeid prawns	4502	10,277	4,033	1,741	2,826	1,425	252
Other prawns	4503	34,216	21,064	3,050	3,974	5,881	247
Clams and cone shell	5602	281	1	8	272		
Cuttlefishes	5701	14,284	6,323	6,029	1,483	175	274
Squids	5702	27,667	13,966	9,052	3,383	1,057	199
Octopuses	5703	800	466	151	183		
Miscellaneous m. molluscs	5801	64	20		23	21	
TOTAL (Tonnes)		609,298	313,058	175,766	49,106	61,958	9,410

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-5 Otter Trawl

(3) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		1,428	1,187	241
No. of trips		341,045	308,468	32,577
No. of days		1,371,949	1,097,395	274,554
No. of hauls		4,106,985	3,216,501	890,484
No. of hours		19,006,927	14,794,868	4,212,059
Total catch (Tonnes)		1,367,774	953,852	413,922
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	3,830	1,190	2,640
Tongue soles	3103	11,450	7,888	3,562
Marine catfishes	3301	4,758	3,106	1,652
Lizard fishes	3303	66,553	54,717	11,836
Sharp-toothed p. & c. eel	3304	3,854	2,582	1,272
Groupers	3305	8,401	5,106	3,295
Sillago whiting	3306	4,301	2,580	1,721
Red snappers	3307	13,707	8,468	5,239
Treadfin breams	3310	86,818	67,264	19,554
Drums and crockers	3313	17,371	2,576	14,795
Big-eyes snappers	3316	62,280	52,337	9,943
Barracudas	3402	8,605	3,467	5,138
Mulletts	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406	9,527	6,674	2,853
Selar scads	3407	2,100	1,823	277
Hardtail scad	3408	44	44	
Black pomfret	3410	2,634	1,136	1,498
White pomfret	3411	1,619	377	1,242
Sardines	3501			
Anchovies	3503	4,158	4,149	9
Wolf herring	3505	11,918	7,699	4,219
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	5,898	3,504	2,394
Indian mackerel	3701	7,204	3,847	3,357
Indo-pacific mackerel	3702	16,548	7,805	8,743
Hairtails	3703	12,597	3,805	8,792
Sharks	3801	4,278	2,429	1,849
Rays	3802	8,092	5,692	2,400
Miscellaneous fishes	3901	97,187	64,535	32,652
Trash fishes	3902	703,238	492,801	210,437
Swimming crabs	4201	9,624	8,181	1,443
Mangrove crab	4202			
Slipper lobsters	4302	1,910	1,617	293
Tiger prawn	4501	983	230	753
Panaeid prawns	4502	11,532	6,342	5,190
Other prawns	4503	58,051	47,186	10,865
Miscellaneous	4701	4,290	1,745	2,545
Scallops	5501	594	576	18
Cuttlefishes	5701	45,344	32,488	12,856
Squids	5702	43,482	29,135	14,347
Octopuses	5703	12,994	8,751	4,243
TOTAL (Tonnes)		1,367,774	953,852	413,922

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-6 Pair Trawl

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		406	330	76
No. of trips		14,083	12,091	1,992
No. of days		155,916	133,815	22,101
No. of hauls		446,083	379,110	66,973
No. of hours		1,960,000	1,645,777	314,223
Total catch (Tonnes)		228,796	188,170	40,626
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	568	467	101
Tongue soles	3103	1,311	527	784
Marine catfishes	3301	334	334	
Lizard fishes	3303	3,884	3,765	119
Sharp-toothed p. & c. eel	3304	199	150	49
Groupers	3305	198	151	47
Sillago whiting	3306	449	267	182
Red snappers	3307	197	165	32
Treadfin breams	3310	6,389	3,797	2,592
Drums and crockers	3313	3,800	983	2,817
Big-eyes snappers	3316	6,899	5,386	1,513
Barracudas	3402	1,722	374	1,348
Mulletts	3403			
Threadfins	3404	4	4	
Round scads	3405			
Jacks, cavalla and trevallies	3406	3,172	3,161	11
Selar scads	3407	497	443	54
Hardtail scad	3408	282	282	
Black pomfret	3410	309	263	46
White pomfret	3411	160	132	28
Sardines	3501	25	25	
Anchovies	3503	265	265	
Wolf herring	3505	1,065	369	696
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barrred king mackerel	3609	589	388	201
Indian mackerel	3701	3,867	3,867	
Indo-pacific mackerel	3702	2,567	2,567	
Hairtails	3703	1,115	395	720
Sharks	3801	881	233	648
Rays	3802	1,118	446	672
Miscellaneous fishes	3901	10,127	9,519	608
Trash fishes	3902	144,022	126,034	17,988
Swimming crabs	4201	769	648	121
Mangrove crab	4202	5	5	
Slipper lobsters	4302	94	52	42
Tiger prawn	4501	108	80	28
Panaeid prawns	4502	530	297	233
Other prawns	4503	7,751	6,415	1,336
Miscellaneous	4701	725	35	690
Scallops	5501	12	12	
Cuttlefishes	5701	8,750	5,572	3,178
Squids	5702	10,826	8,317	2,509
Octopuses	5703	3,211	1,978	1,233
TOTAL (Tonnes)		228,796	188,170	40,626

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-7 Beam Trawl

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
No. of fishing units		120	120	
No. of trips		16,678	16,678	
No. of days		16,678	16,678	
No. of hauls		79,497	79,497	
No. of hours		87,250	87,250	
Total catch (Tonnes)		722	722	
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102			
Tongue soles	3103			
Marine catfishes	3301	9	9	
Lizard fishes	3303			
Sharp-toothed p. & c. eel	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Treadfin breams	3310			
Drums and crockers	3313	9	9	
Big-eyes snappers	3316			
Barracudas	3402			
Mulletts	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406			
Selar scads	3407			
Hardtail scad	3408			
Black pomfret	3410			
White pomfret	3411			
Sardines	3501			
Anchovies	3503			
Wolf herring	3505			
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609			
Indian mackerel	3701			
Indo-pacific mackerel	3702			
Hairtails	3703			
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	15	15	
Trash fishes	3902			
Swimming crabs	4201	42	42	
Mangrove crab	4202			
Slipper lobsters	4302			
Tiger prawn	4501			
Panaeid prawns	4502	54	54	
Other prawns	4503	572	572	
Miscellaneous	4701			
Scallops	5501			
Cuttlefishes	5701	14	14	
Squids	5702	7	7	
Octopuses	5703			
TOTAL (Tonnes)		722	722	

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-8 Drift/Gill Net

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P	Sabah	Sarawak	Labuan
Units of fishing effort							
Cumulative no. of fishing units		138,568	124,318	14,250			
Cumulative no. of trips		2,085,202	1,882,795	202,407			
Cumulative no. of days		2,167,328	1,958,687	208,641			
Cumulative no. of hauls		5,997,066	5,190,011	807,055			
Total catch (Tonnes)		153,202	82,910	11,155	29,076	27,066	2,995
Species (group)	Code No.	Total	West Coast P	East Coast P	Sabah	Sarawak	Labuan
Shads	2401	7,924	5,461	30	536	1,834	63
Barramundi	2501	869	40		727	102	
Flounders	3101	329	6	2	37	187	97
Tongue soles	3103	716	640	58		18	
Marine catfishes	3301	5,431	2,070	268	1,429	1,597	67
Catfish eels	3302	746	171		552	23	
Lizard fishes	3303	31	18	13			
Sharp-toothed p. & c. eels	3304	427	305	2		120	
Groupers	3305	906	17	7	752	62	68
Sillago whiting	3306	799	405	352	42		
Red snappers	3307	1,534	1	1	1,390	136	6
Other snappers	3308	2,842	51	67	2,522	85	117
Fusiliers	3309	122	17	1	14		90
Threadfin breams	3310	1,086	248	582	163	89	4
Pony fishes	3311	297		84	127	8	78
Grunters and sweetlips	3312	182	23	10	84	10	55
Drums and croakers	3313	5,333	4,039	384	222	686	2
Goatfishes	3314	14	3	1		10	
Rabbitfishes	3319	292	1	13	129		149
Other species	3320	429	70	5	63	133	158
Barracudas	3402	579	262	23	148	94	52
Mulletts	3403	3,677	1,832	40	1,566	175	64
Threadfins	3404	3,461	929	38	1,875	615	4
Round scads	3405	91		26		65	
Jack, cavalla, trevallies	3406	1,240	111	90	599	216	224
Selar scads	3407	1,569	26	778	191	557	17
Hardtail scad	3408	1,431	320	73	215	506	317
Queenfishes	3409	2,217	152	18	1,252	711	84
Black pomfret	3410	3,468	1,827	41	974	626	
Other species	3412	38	13	25			
Sardines	3501	1,900	136	37	35	1,692	
Anchovies	3503	720		1	5	702	12
Clupeoids	3504	8				8	
Wolf herring	3505	2,158	865	503	11	748	31
Eastern little tuna	3606	5,392	289	501	2,874	1,466	262
Swordfishes, sail. & marl	3608	141	3		102		36
King mackerels	3610	7,616	1,829	410	3,156	2,030	191
Indian mackerels	3701	50,234	43,665	3,972	522	1,673	402
Hairtails	3703	1,180	250	528	104	269	29
Sharks	3801	3,030	157	243	1,024	1,570	36
Rays	3802	2,984	337	1,329	630	682	6
Miscellaneous fishes	3901	10,036	2,856	278	753	5,882	267
Trash fishes	3902	3,962	3,939			23	
Mangrove crab	4202	1,696	1,424	53	118	94	7
Spiny lobsters	4301	21	1	17	3		
Tiger prawn	4501	27	11	1	14	1	
Penaeid prawns	4502	9,720	4,853	195	3,629	1,043	
Other prawns	4503	3,909	2,982	31	479	417	
Clams and cone shell	5602						
Cuttlefishes	5701	216	206	6		4	
Squids	5702	163	47	18	1	97	
Octopuses	5703				7		
Miscellaneous m. molluscs	5801	2	2				
TOTAL (Tonnes)		153,202	82,910	11,155	29,076	27,066	2,995

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-9 Spanish Mackerel Drift Gill Net

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of units		221	131	90
No. of trips		39,411	20,032	19,379
No. of days		67,704	46,078	21,626
No. of hauls		71,107	43,173	27,934
No. of hours		519,325	330,530	188,795
Total catch (Tonnes)		21,401	18,695	2,706
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102			
Tongue soles	3103			
Marine catfishes	3301			
Lizard fishes	3303			
Sharp-toothed p. & c. eel	3304			
Grouper	3305			
Sillago whiting	3306			
Red snappers	3307	25	25	
Treadfin breams	3310			
Drums and crockers	3313			
Big-eyes snappers	3316			
Barracudas	3402	22	22	
Mullet	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406			
Selar scads	3407			
Hardtail scad	3408	204	192	12
Black pomfret	3410	472	390	82
White pomfret	3411			
Sardines	3501			
Anchovies	3503			
Wolf herring	3505	834	834	
Longtail tuna	3604	7,710	6,714	996
Eastern little tuna	3606	5,698	5,697	1
Narrow-barred king mackerel	3609	5,172	3,880	1,292
Indian mackerel	3701	99	99	
Indo-pacific mackerel	3702	13	13	
Hairtails	3703	4	4	
Sharks	3801	104	104	
Rays	3802	15		15
Miscellaneous fishes	3901	559	251	308
Trash fishes	3902	470	470	
Swimming crabs	4201			
Mangrove crab	4202			
Slipper lobsters	4302			
Tiger prawn	4501			
Panaeid prawns	4502			
Other prawns	4503			
Miscellaneous	4701			
Scallops	5501			
Cuttlefishes	5701			
Squids	5702			
Octopuses	5703			
TOTAL (Tonnes)		21,401	18,695	2,706

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-10 Mackerel Encircling Gill Net

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		71	71	
No. of trips		21,980	21,980	
No. of days		21,980	21,980	
No. of hauls		39,330	39,330	
No. of hours		104,922	104,922	
Total catch (Tonnes)		18,554	18,554	
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102			
Tongue soles	3103			
Marine catfishes	3301			
Lizard fishes	3303			
Sharp-toothed p. & c. eel	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Treadfin breems	3310			
Drums and crockers	3313			
Big-eyes snappers	3316			
Barracudas	3402			
Mulletts	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406			
Selar scads	3407			
Hardtail scad	3408			
Black pomfret	3410			
White pomfret	3411			
Sardines	3501	3,532	3,532	
Anchovies	3503			
Wolf herring	3505			
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609			
Indian mackerel	3701	945	945	
Indo-pacific mackerel	3702	12,627	12,627	
Hairtails	3703			
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901			
Trash fishes	3902	1,306	1,306	
Swimming crabs	4201			
Mangrove crab	4202			
Slipper lobsters	4302			
Tiger prawn	4501			
Panaeid prawns	4502			
Other prawns	4503			
Miscellaneous	4701			
Scallops	5501			
Cuttlefishes	5701			
Squids	5702	144	144	
Octopuses	5703			
TOTAL (Tonnes)		18,554	18,554	

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-11 Bamboo Stake Trap

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		174	174	
No. of trips		21,100	21,100	
No. of days		14,668	14,668	
No. of hauls		21,100	21,100	
No. of hours				
Total catch (Tonnes)		4,023	4,023	
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102			
Tongue soles	3103			
Marine catfishes	3301			
Lizard fishes	3303			
Sharp-toothed p. & c. eel	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Treadfin breams	3310	3	3	
Drums and crockers	3313	34	34	
Big-eyes snappers	3316			
Barracudas	3402			
Mulletts	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406	142	142	
Selar scads	3407			
Hardtail scad	3408	12	12	
Black pomfret	3410			
White pomfret	3411			
Sardines	3501	459	459	
Anchovies	3503	733	733	
Wolf herring	3505			
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	39	39	
Indian mackerel	3701			
Indo-pacific mackerel	3702	457	457	
Hairtails	3703	27	27	
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	143	143	
Trash fishes	3902	1,822	1,822	
Swimming crabs	4201	38	38	
Mangrove crab	4202			
Slipper lobsters	4302			
Tiger prawn	4501			
Panaeid prawns	4502			
Other prawns	4503			
Miscellaneous	4701			
Scallops	5501			
Cuttlefishes	5701	26	26	
Squids	5702	88	88	
Octopuses	5703			
TOTAL (Tonnes)		4,023	4,023	

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-12 Longline

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P	Sabah	Sarawak	Labuan
Units of fishing effort							
Cumulative no. of fishing units		20,352	9,133	11,219			
Cumulative no. of trips		233,969	114,771	119,198			
Cumulative no. of days		283,564	114,848	168,716			
Cumulative no. of hauls		364,650	364,397	253			
Total catch (Tonnes)		41,888	3,041	10,626	22,856	1,435	3,930
Species (group)	Code No.	Total	West Coast P	East Coast P	Sabah	Sarawak	Labuan
Shads	2401						
Barramundi	2501	325	4	2	317	2	
Flounders	3101						
Tongue soles	3103						
Marine catfishes	3301	1,694	518	161	944	71	
Catfish eels	3302	237	90		144	3	
Lizard fishes	3303	537		2	535		
Sharp-toothed p. & c. eels	3304	827	548	22	209	47	1
Groupers	3305	2,917	119	312	2,331	155	
Sillago whiting	3306	442	46	1	2		393
Red snappers	3307	3,071	63	667	1,435	358	548
Others snappers	3308	3,841	148	192	2,357	189	955
Fusiliers	3309	1,096		4	843		249
Threadfin breams	3310	1,196		577	545	15	59
Pony fishes	3311						
Grunters and sweetlips	3312	350	67	102	21		160
Drums and croakers	3313	68	37	31			
Goatfishes	3314	3		3			
Rabbitfishes	3319	93		4	29		60
Other species	3320	427	1	9	219	9	189
Barracudas	3402	1,269	83	92	1,093	1	
Mulletts	3403	2				2	
Threadfins	3404	336	25	1	310		
Round scads	3405	391		378	13		
Jack, cavalla, trevallies	3406	2,420	8	454	1,482	31	445
Selar scads	3407	1,690		1,176	514		
Hardtail scad	3408	492	1	408	63	20	
Queenfishes	3409	66	28	5	31	2	
Black pomfret	3410	6		6			
Other species	3412	8	3	5			
Sardines	3501						
Anchovies	3503						
Clupeoids	3504	20		20			
Wolf herring	3505	24		24			
Eastern little tuna	3606	6,590		3,028	3,270	292	
Swordfishes, sail. & marl	3608	51		11	40		
King mackerels	3610	3,273	44	1,290	1,555	84	300
Indian mackerels	3701	1,005		382	264		359
Hairtails	3703	9		2	7		
Sharks	3801	1,839	52	184	1,578	18	7
Rays	3802	2,581	1,122	77	1,326	51	5
Miscellaneous fishes	3901	1,350	34	119	912	85	200
Trash fishes	3902						
Mangrove crab	4202	9		9			
Spiny lobsters	4301						
Tiger prawn	4501						
Penaeid prawns	4502						
Other prawns	4503						
Clams and cone shell	5602						
Cuttlefishes	5701	14		10	4		
Squids	5702	1,150		856	294		
Octopuses	5703	169			169		
Miscellaneous m. molluscs	5801						
TOTAL (Tonnes)		41,888	3,041	10,626	22,856	1,435	3,930

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-1 Catch and Fishing Effort by Type of Fishing Gear

1-1-13 Engine Boat Push Net

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		241	184	57
No. of trips		73,258	54,774	18,484
No. of days		73,055	54,571	18,484
No. of hauls		398,252	312,945	85,307
No. of hours		723,046	543,425	179,621
Total catch (Tonnes)		26,298	20,349	5,949
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102			
Tongue soles	3103			
Marine catfishes	3301	13	11	2
Lizard fishes	3303			
Sharp-toothed p. & c. eel	3304			
Groupers	3305			
Sillago whiting	3306	59		59
Red snappers	3307			
Treadfin breams	3310			
Drums and crockers	3313	199	23	176
Big-eyes snappers	3316			
Barracudas	3402			
Mullets	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406			
Selar scads	3407			
Hardtail scad	3408			
Black pomfret	3410			
White pomfret	3411			
Sardines	3501			
Anchovies	3503	462	462	
Wolf herring	3505	59	59	
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609			
Indian mackerel	3701			
Indo-pacific mackerel	3702			
Hairtails	3703			
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	777	341	436
Trash fishes	3902	12,159	8,257	3,902
Swimming crabs	4201	492	412	80
Mangrove crab	4202	16		16
Slipper lobsters	4302			
Tiger prawn	4501	25	7	18
Panaeid prawns	4502	1,079	787	292
Other prawns	4503	10,333	9,559	774
Miscellaneous	4701	2		2
Scallops	5501			
Cuttlefishes	5701	332	231	101
Squids	5702	160	134	26
Octopuses	5703	131	66	65
TOTAL (Tonnes)		26,298	20,349	5,949

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
LABORATORY OF ORGANIC CHEMISTRY

Run	Time	Temp	Pressure	Flow	Detector	Response
1	1.2	100	1.0	1.0	UV	0.1
2	1.5	100	1.0	1.0	UV	0.2
3	1.8	100	1.0	1.0	UV	0.3
4	2.1	100	1.0	1.0	UV	0.4
5	2.4	100	1.0	1.0	UV	0.5
6	2.7	100	1.0	1.0	UV	0.6
7	3.0	100	1.0	1.0	UV	0.7
8	3.3	100	1.0	1.0	UV	0.8
9	3.6	100	1.0	1.0	UV	0.9
10	3.9	100	1.0	1.0	UV	1.0
11	4.2	100	1.0	1.0	UV	1.1
12	4.5	100	1.0	1.0	UV	1.2
13	4.8	100	1.0	1.0	UV	1.3
14	5.1	100	1.0	1.0	UV	1.4
15	5.4	100	1.0	1.0	UV	1.5
16	5.7	100	1.0	1.0	UV	1.6
17	6.0	100	1.0	1.0	UV	1.7
18	6.3	100	1.0	1.0	UV	1.8
19	6.6	100	1.0	1.0	UV	1.9
20	6.9	100	1.0	1.0	UV	2.0
21	7.2	100	1.0	1.0	UV	2.1
22	7.5	100	1.0	1.0	UV	2.2
23	7.8	100	1.0	1.0	UV	2.3
24	8.1	100	1.0	1.0	UV	2.4
25	8.4	100	1.0	1.0	UV	2.5
26	8.7	100	1.0	1.0	UV	2.6
27	9.0	100	1.0	1.0	UV	2.7
28	9.3	100	1.0	1.0	UV	2.8
29	9.6	100	1.0	1.0	UV	2.9
30	9.9	100	1.0	1.0	UV	3.0
31	10.2	100	1.0	1.0	UV	3.1
32	10.5	100	1.0	1.0	UV	3.2
33	10.8	100	1.0	1.0	UV	3.3
34	11.1	100	1.0	1.0	UV	3.4
35	11.4	100	1.0	1.0	UV	3.5
36	11.7	100	1.0	1.0	UV	3.6
37	12.0	100	1.0	1.0	UV	3.7
38	12.3	100	1.0	1.0	UV	3.8
39	12.6	100	1.0	1.0	UV	3.9
40	12.9	100	1.0	1.0	UV	4.0
41	13.2	100	1.0	1.0	UV	4.1
42	13.5	100	1.0	1.0	UV	4.2
43	13.8	100	1.0	1.0	UV	4.3
44	14.1	100	1.0	1.0	UV	4.4
45	14.4	100	1.0	1.0	UV	4.5
46	14.7	100	1.0	1.0	UV	4.6
47	15.0	100	1.0	1.0	UV	4.7
48	15.3	100	1.0	1.0	UV	4.8
49	15.6	100	1.0	1.0	UV	4.9
50	15.9	100	1.0	1.0	UV	5.0
51	16.2	100	1.0	1.0	UV	5.1
52	16.5	100	1.0	1.0	UV	5.2
53	16.8	100	1.0	1.0	UV	5.3
54	17.1	100	1.0	1.0	UV	5.4
55	17.4	100	1.0	1.0	UV	5.5
56	17.7	100	1.0	1.0	UV	5.6
57	18.0	100	1.0	1.0	UV	5.7
58	18.3	100	1.0	1.0	UV	5.8
59	18.6	100	1.0	1.0	UV	5.9
60	18.9	100	1.0	1.0	UV	6.0
61	19.2	100	1.0	1.0	UV	6.1
62	19.5	100	1.0	1.0	UV	6.2
63	19.8	100	1.0	1.0	UV	6.3
64	20.1	100	1.0	1.0	UV	6.4
65	20.4	100	1.0	1.0	UV	6.5
66	20.7	100	1.0	1.0	UV	6.6
67	21.0	100	1.0	1.0	UV	6.7
68	21.3	100	1.0	1.0	UV	6.8
69	21.6	100	1.0	1.0	UV	6.9
70	21.9	100	1.0	1.0	UV	7.0
71	22.2	100	1.0	1.0	UV	7.1
72	22.5	100	1.0	1.0	UV	7.2
73	22.8	100	1.0	1.0	UV	7.3
74	23.1	100	1.0	1.0	UV	7.4
75	23.4	100	1.0	1.0	UV	7.5
76	23.7	100	1.0	1.0	UV	7.6
77	24.0	100	1.0	1.0	UV	7.7
78	24.3	100	1.0	1.0	UV	7.8
79	24.6	100	1.0	1.0	UV	7.9
80	24.9	100	1.0	1.0	UV	8.0
81	25.2	100	1.0	1.0	UV	8.1
82	25.5	100	1.0	1.0	UV	8.2
83	25.8	100	1.0	1.0	UV	8.3
84	26.1	100	1.0	1.0	UV	8.4
85	26.4	100	1.0	1.0	UV	8.5
86	26.7	100	1.0	1.0	UV	8.6
87	27.0	100	1.0	1.0	UV	8.7
88	27.3	100	1.0	1.0	UV	8.8
89	27.6	100	1.0	1.0	UV	8.9
90	27.9	100	1.0	1.0	UV	9.0
91	28.2	100	1.0	1.0	UV	9.1
92	28.5	100	1.0	1.0	UV	9.2
93	28.8	100	1.0	1.0	UV	9.3
94	29.1	100	1.0	1.0	UV	9.4
95	29.4	100	1.0	1.0	UV	9.5
96	29.7	100	1.0	1.0	UV	9.6
97	30.0	100	1.0	1.0	UV	9.7
98	30.3	100	1.0	1.0	UV	9.8
99	30.6	100	1.0	1.0	UV	9.9
100	30.9	100	1.0	1.0	UV	10.0

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and Size of Management

1-2-1 Fish Purse Seine

(1) Malaysia

Less than 10 tons

10 – 25 tons

25 – 40 tons

40 – 70 tons

More than 70 tons

1-2-2 Otter Trawl

(1) Malaysia

Less than 10 tons

10 – 25 tons

25 – 40 tons

40 – 70 tons

More than 70 tons

(2) Thailand

Less than 14 meters

14 – 18 meters

18 – 25 meters

More than 25 meters

1-2-3 Pair Trawl

(1) Thailand

Less than 14 meters

14 – 18 meters

18 – 25 meters

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-1 Fish Purse Seine

Size of boat: Less than 10 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		4	4	
Cumulative no. of trips		92	92	
Cumulative no. of days		92	92	
Cumulative no. of hauls		736	736	
Total catch (Tonnes)		203	203	
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401			
Barramundi	2501			
Flounders	3101			
Tongue soles	3103			
Marine catfishes	3301			
Catfish eels	3302			
Lizard fishes	3303			
Sharp-toothed p. & c. eels	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Other snappers	3308			
Fusiliers	3309			
Threadfin breams	3310			
Pony fishes	3311			
Grunters and sweetlips	3312			
Drums and croakers	3313	1	1	
Goatfishes	3314			
Rabbitfishes	3319			
Other species	3320			
Barracudas	3402			
Mulletts	3403	5	5	
Threadfins	3404			
Round scads	3405			
Jack, cavalla, trevallies	3406			
Selar scads	3407			
Hardtail scad	3408			
Queenfishes	3409			
Black pomfret	3410			
Other species	3412			
Sardines	3501			
Anchovies	3503			
Clupeoids	3504			
Wolf herring	3505			
Eastern little tuna	3606			
Swordfishes, sail. & marl.	3608			
King mackerels	3610			
Indian mackerels	3701	7	7	
Hairtails	3703			
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901			
Trash fishes	3902	190	190	
Mangrove crab	4202			
Spiny lobsters	4301			
Tiger prawn	4501			
Penaeid prawns	4502			
Other prawns	4503			
Clams and cone shell	5602			
Cuttlefishes	5701			
Squids	5702			
Octopuses	5703			
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		203	203	

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-1 Fish Purse Seine

Size of boat: 10 - 25 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		1,201	56	1,145
Cumulative no. of trips		17,518	1,083	16,435
Cumulative no. of days		18,195	1,083	17,112
Cumulative no. of hauls		55,206	6,240	48,966
Total catch (Tonnes)		19,535	2,604	16,931
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401			
Barramundi	2501			
Flounders	3101			
Tongue soles	3103			
Marine catfishes	3301	5		5
Catfish eels	3302			
Lizard fishes	3303			
Sharp-toothed p. & c. eels	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Other snappers	3308			
Fusiliers	3309	10		10
Threadfin breams	3310			
Pony fishes	3311	18		18
Grunters and sweetlips	3312			
Drums and croakers	3313	2	2	
Goatfishes	3314			
Rabbitfishes	3319			
Other species	3320			
Barracudas	3402	35		35
Mullets	3403	250	250	
Threadfins	3404	1	1	
Round scads	3405	3,896		3,896
Jack, cavalla, trevallies	3406	56		56
Selar scads	3407	4,384		4,384
Hardtail scad	3408	87	3	84
Queenfishes	3409	20		20
Black pomfret	3410	9	1	6
Other species	3412			
Sardines	3501	4,809		4,809
Anchovies	3503			
Clupeoids	3504			
Wolf herring	3505	29	18	11
Eastern little tuna	3606	961	2	959
Swordfishes, sail. & marl.	3608			
King mackerels	3610	203		203
Indian mackerels	3701	3,108	1,107	2,001
Hairtails	3703	95		95
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	17	1	16
Trash fishes	3902	1,292	1,219	73
Mangrove crab	4202			
Spiny lobsters	4301			
Tiger prawn	4501			
Penaeid prawns	4502			
Other prawns	4503			
Clams and cone shell	5602			
Cuttlefishes	5701			
Squids	5702	248		248
Octopuses	5703			
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		19,535	2,604	16,931

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-1 Fish Purse Seine

Size of boat: 25 - 40 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		1,184	690	494
Cumulative no. of trips		17,689	12,245	5,444
Cumulative no. of days		19,697	12,237	7,460
Cumulative no. of hauls		47,592	28,351	19,241
Total catch (Tonnes)		24,966	13,301	11,665
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401			
Barramundi	2501			
Flounders	3101			
Tongue soles	3103			
Marine catfishes	3301	87		87
Catfish eels	3302			
Lizard fishes	3303			
Sharp-toothed p. & c. eels	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Other snappers	3308			
Fusiliers	3309			
Threadfin breams	3310			
Pony fishes	3311			
Grunters and sweetlips	3312			
Drums and croakers	3313			
Goatfishes	3314			
Rabbitfishes	3319			
Other species	3320			
Barracudas	3402	6		6
Mulletts	3403	254	254	
Threadfins	3404			
Round scads	3405	4,575	1,490	3,085
Jack, cavalla, trevallies	3406	102	95	7
Selar scads	3407	4,559	1,198	3,361
Hardtail scad	3408	793	711	82
Queenfishes	3409	8	7	1
Black pomfret	3410	131	129	2
Other species	3412			
Sardines	3501	2,787		2,787
Anchovies	3503			
Clupeoids	3504			
Wolf herring	3505	705	700	5
Eastern little tuna	3606	762	287	475
Swordfishes, sail. & marl.	3608			
King mackerels	3610	86	37	49
Indian mackerels	3701	8,952	7,532	1,420
Hairtails	3703	94	1	93
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	62	58	4
Trash fishes	3902	739	739	
Mangrove crab	4202			
Spiny lobsters	4301			
Tiger prawn	4501			
Penaeid prawns	4502	8	8	
Other prawns	4503			
Clams and cone shell	5602			
Cuttlefishes	5701			
Squids	5702	256	55	201
Octopuses	5703			
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		24,966	13,301	11,665

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-1 Fish Purse Seine

Size of boat: 40 - 70 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		2,238	1,340	898
Cumulative no. of trips		25,749	16,798	8,951
Cumulative no. of days		36,872	24,416	12,456
Cumulative no. of hauls		88,210	51,813	36,397
Total catch (Tonnes)		53,084	30,782	22,302
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401	5	5	
Barramundi	2501			
Flounders	3101			
Tongue soles	3103			
Marine catfishes	3301	23	23	
Catfish eels	3302			
Lizard fishes	3303			
Sharp-toothed p. & c. eels	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307			
Other snappers	3308			
Fusiliers	3309			
Threadfin breams	3310			
Pony fishes	3311	4		4
Grunters and sweetlips	3312			
Drums and croakers	3313			
Goatfishes	3314			
Rabbitfishes	3319	1		1
Other species	3320			
Barracudas	3402	28		28
Mulletts	3403			
Threadfins	3404			
Round scads	3405	9,213	2,643	6,570
Jack, cavalla, trevallies	3406	432	411	21
Selar scads	3407	9,269	4,136	5,133
Hardtail scad	3408	4,084	3,601	483
Queenfishes	3409	24		24
Black pomfret	3410	370	355	15
Other species	3412	1		1
Sardines	3501	5,711		5,711
Anchovies	3503	1	1	
Clupeoids	3504			
Wolf herring	3505	432	432	
Eastern little tuna	3606	3,802	2,566	1,236
Swordfishes, sail. & marl.	3608			
King mackerels	3610	65	62	3
Indian mackerels	3701	18,355	15,744	2,611
Hairtails	3703	44		44
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	204	170	34
Trash fishes	3902	798	549	249
Mangrove crab	4202			
Spiny lobsters	4301			
Tiger prawn	4501			
Penaeid prawns	4502			
Other prawns	4503			
Clams and cone shell	5602			
Cuttlefishes	5701			
Squids	5702	218	84	134
Octopuses	5703			
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		53,084	30,782	22,302

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-1 Fish Purse Seine

Size of boat: More than 70 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		985	292	693
Cumulative no. of trips		3,311	1,247	2,064
Cumulative no. of days		16,292	5,606	10,686
Cumulative no. of hauls		26,417	7,538	18,879
Total catch (Tonnes)		28,850	7,946	20,904
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401			
Barramundi	2501			
Flounders	3101			
Tongue soles	3103			
Marine catfishes	3301			
Catfish eels	3302			
Lizard fishes	3303			
Sharp-toothed p. & c. eels	3304			
Groupers	3305			
Sillago whiting	3306			
Red snappers	3307	4		4
Other snappers	3308			
Fusiliers	3309			
Threadfin breams	3310			
Pony fishes	3311			
Grunters and sweetlips	3312			
Drums and croakers	3313			
Goatfishes	3314			
Rabbitfishes	3319			
Other species	3320			
Barracudas	3402			
Mulletts	3403			
Threadfins	3404			
Round scads	3405	15,890	1,932	13,958
Jack, cavalla, trevallies	3406	274	71	203
Selar scads	3407	4,275	1,217	3,058
Hardtail scad	3408	1,554	910	644
Queenfishes	3409	1		1
Black pomfret	3410	116	100	16
Other species	3412			
Sardines	3501	964		964
Anchovies	3503			
Clupeoids	3504			
Wolf herring	3505	290	290	
Eastern little tuna	3606	1,134	527	607
Swordfishes, sail. & marl.	3608			
King mackerels	3610	78	47	31
Indian mackerels	3701	3,114	2,421	693
Hairtails	3703	2	2	
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	187	126	61
Trash fishes	3902	933	271	662
Mangrove crab	4202			
Spiny lobsters	4301			
Tiger prawn	4501			
Penaeid prawns	4502			
Other prawns	4503			
Clams and cone shell	5602			
Cuttlefishes	5701			
Squids	5702	34	32	2
Octopuses	5703			
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		28,850	7,946	20,904

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: Less than 10 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		11,103	8,244	2,859
Cumulative no. of trips		185,855	143,593	42,262
Cumulative no. of days		186,713	143,632	43,081
Cumulative no. of hauls		498,141	370,480	127,661
Total catch (Tonnes)		25,453	13,421	12,032
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401	20	17	3
Barramundi	2501	1		1
Flounders	3101	41	28	13
Tongue soles	3103	166	135	31
Marine catfishes	3301	85	38	47
Catfish eels	3302	24	24	
Lizard fishes	3303	27	20	7
Sharp-toothed p. & c. eels	3304	63	55	8
Groupers	3305	59	50	9
Sillago whiting	3306	60	19	41
Red snappers	3307	4	2	2
Other snappers	3308	35		35
Fusiliers	3309			
Threadfin breams	3310	201	176	25
Pony fishes	3311	40		40
Grunters and sweetlips	3312	3	1	2
Drums and croakers	3313	407	310	97
Goatfishes	3314	15	1	14
Rabbitfishes	3319	2		2
Other species	3320	4		4
Barracudas	3402	29	22	7
Mulletts	3403	100	100	
Threadfins	3404	2	2	
Round scads	3405	1		1
Jack, cavalla, trevallies	3406	24	14	10
Selar scads	3407	80	9	71
Hardtail scad	3408	10	6	4
Queenfishes	3409	2	1	1
Black pomfret	3410	87	74	13
Other species	3412			
Sardines	3501	85	84	1
Anchovies	3503	4	3	1
Clupeoids	3504			
Wolf herring	3505	46	27	19
Eastern little tuna	3606	3		3
Swordfishes, sail. & marl.	3608	1		1
King mackerels	3610	23	13	10
Indian mackerels	3701	291	289	2
Hairtails	3703	39	34	5
Sharks	3801	72	48	24
Rays	3802	371	179	192
Miscellaneous fishes	3901	633	390	243
Trash fishes	3902	15,703	6,899	8,804
Mangrove crab	4202	318	169	149
Spiny lobsters	4301	20		20
Tiger prawn	4501	27	6	21
Penaeid prawns	4502	1,426	606	820
Other prawns	4503	4,053	3,186	867
Clams and cone shell	5602			
Cuttlefishes	5701	419	185	234
Squids	5702	220	108	112
Octopuses	5703	107	91	16
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		25,453	13,421	12,032

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: 10 - 25 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		28,871	24,095	4,776
Cumulative no. of trips		515,885	459,113	56,772
Cumulative no. of days		539,118	470,791	68,327
Cumulative no. of hauls		1,694,273	1,427,294	266,979
Total catch (Tonnes)		99,205	73,501	25,704
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401	1,098	1,085	13
Barramundi	2501	8	7	1
Flounders	3101	133	32	101
Tongue soles	31C3	955	838	117
Marine catfishes	3301	966	463	503
Catfish eels	3302	83	82	1
Lizard fishes	3303	526	147	379
Sharp-toothed p. & c. eels	3304	494	474	20
Groupers	3305	275	224	51
Sillago whiting	3306	235	108	127
Red snappers	3307	67	15	52
Other snappers	3308	721	87	634
Fusiliers	3309	1		1
Threadfin breams	3310	1,770	721	1,049
Pony fishes	3311	360	2	358
Grunters and sweetlips	3312	81	54	27
Drums and croakers	3313	2,371	1,975	396
Goatfishes	3314	1,039	26	1,013
Rabbitfishes	3319	7		7
Other species	3320	41	9	32
Barracudas	3402	187	102	85
Mulletts	3403	362	360	2
Threadfins	3404	92	91	1
Round scads	3405	6		6
Jack, cavalla, trevallies	3406	259	153	106
Selar scads	3407	729	196	533
Hardtail scad	3408	351	341	10
Queenfishes	3409	28	21	7
Black pomfret	3410	1,269	1,233	36
Other species	3412	14	5	9
Sardines	3501	228	227	1
Anchovies	3503	391	386	5
Clupeoids	3504			
Wolf herring	3505	494	361	133
Eastern little tuna	3606	5		5
Swordfishes, sail. & marl.	3608			
King mackerels	3610	333	288	45
Indian mackerels	3701	2,856	2,819	37
Hairtails	3703	606	301	305
Sharks	3801	166	90	76
Rays	3802	1,539	565	974
Miscellaneous fishes	3901	2,676	1,406	1,270
Trash fishes	3902	48,639	35,719	12,920
Mangrove crab	4202	1,089	810	279
Spiny lobsters	4301	118		118
Tiger prawn	4501	55	10	45
Penaeid prawns	4502	3,285	2,682	603
Other prawns	4503	17,350	16,302	1,048
Clams and cone shell	5602			
Cuttlefishes	5701	2,369	1,400	969
Squids	5702	2,345	1,191	1,154
Octopuses	5703	133	93	40
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		99,205	73,501	25,704

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: 25 - 40 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		10,988	8,144	2,844
Cumulative no. of trips		111,092	98,801	12,291
Cumulative no. of days		216,554	165,639	50,915
Cumulative no. of hauls		751,998	550,176	201,822
Total catch (Tonnes)		149,966	96,801	53,165
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401	1,101	1,098	3
Barramundi	2501	1	1	
Flounders	3101	247	100	147
Tongue soles	3103	535	456	79
Marine catfishes	3301	1,513	1,046	467
Catfish eels	3302	40	39	1
Lizard fishes	3303	1,121	718	403
Sharp-toothed p. & c. eels	3304	255	223	32
Groupers	3305	530	420	110
Sillago whiting	3306	337	159	178
Red snappers	3307	159	53	106
Other snappers	3308	746	211	535
Fusiliers	3309	5		5
Threadfin breams	3310	4,988	3,276	1,712
Pony fishes	3311	192	26	166
Grunters and sweetlips	3312	158	116	42
Drums and croakers	3313	3,433	2,914	519
Goatfishes	3314	1,342	578	764
Rabbitfishes	3319	42	6	36
Other species	3320	85	13	72
Barracudas	3402	357	155	202
Mulletts	3403	226	226	
Threadfins	3404	102	94	8
Round scads	3405	638	575	63
Jack, cavalla, trevallies	3406	460	215	245
Selar scads	3407	2,693	1,036	1,657
Hardtail scad	3408	3,145	2,882	263
Queenfishes	3409	115	89	26
Black pomfret	3410	1,705	1,645	60
Other species	3412	65	22	43
Sardines	3501	918	918	
Anchovies	3503	61	53	8
Clupeoids	3504	3	3	
Wolf herring	3505	645	391	254
Eastern little tuna	3606	7	6	1
Swordfishes, sail. & marl.	3608	1		1
King mackerels	3610	1,004	711	293
Indian mackerels	3701	13,838	13,476	362
Hairtails	3703	1,655	1,520	135
Sharks	3801	622	286	336
Rays	3802	2,279	906	1,373
Miscellaneous fishes	3901	4,059	1,989	2,070
Trash fishes	3902	82,566	48,769	33,797
Mangrove crab	4202	836	529	307
Spiny lobsters	4301	170	10	160
Tiger prawn	4501	74	47	27
Penaeid prawns	4502	782	614	168
Other prawns	4503	1,890	1,026	864
Clams and cone shell	5602	8	1	7
Cuttlefishes	5701	4,010	2,134	1,876
Squids	5702	7,952	4,835	3,117
Octopuses	5703	230	165	65
Miscellaneous m. molluscs	5801	20		
TOTAL (Tonnes)		149,966	96,801	53,165

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: 40 - 70 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		7,896	5,776	2,120
Cumulative no. of trips		43,002	36,631	6,371
Cumulative no. of days		157,821	119,085	38,736
Cumulative no. of hauls		543,422	401,710	141,712
Total catch (Tonnes)		151,053	101,731	49,322
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401	1,156	1,127	29
Barramundi	2501	1		1
Flounders	3101	209	109	100
Tongue soles	3103	426	394	32
Marine catfishes	3301	952	495	457
Catfish eels	3302	49	47	2
Lizard fishes	3303	4,106	3,677	429
Sharp-toothed p. & c. eels	3304	129	104	25
Groupers	3305	631	464	167
Sillago whiting	3306	376	259	117
Red snappers	3307	356	119	237
Other snappers	3308	878	240	638
Fusiliers	3309	6	3	3
Threadfin breams	3310	8,966	6,757	2,209
Pony fishes	3311	44	4	40
Grunters and sweetlips	3312	67	54	13
Drums and croakers	3313	1,834	1,616	218
Goatfishes	3314	1,159	665	494
Rabbitfishes	3319	71	14	57
Other species	3320	259	26	233
Barracudas	3402	331	150	181
Mulletts	3403	32	32	
Threadfins	3404	39	39	
Round scads	3405	3,928	3,640	288
Jack, cavalla, trevallies	3406	546	307	239
Selar scads	3407	3,692	1,837	1,855
Hardtail scad	3408	4,244	3,883	361
Queenfishes	3409	28	20	8
Black pomfret	3410	1,203	1,168	35
Other species	3412	61	19	42
Sardines	3501	707	704	3
Anchovies	3503	12	5	7
Clupeoids	3504	8	4	4
Wolf herring	3505	375	221	154
Eastern little tuna	3606	45	40	5
Swordfishes, sail. & marl.	3608	1		1
King mackerels	3610	847	614	233
Indian mackerels	3701	13,190	12,861	329
Hairtails	3703	721	608	113
Sharks	3801	556	244	312
Rays	3802	1,976	1,052	924
Miscellaneous fishes	3901	7,181	4,402	2,779
Trash fishes	3902	74,662	44,008	30,654
Mangrove crab	4202	517	311	206
Spiny lobsters	4301	152	7	145
Tiger prawn	4501	40	26	14
Penaeid prawns	4502	196	122	74
Other prawns	4503	726	470	256
Clams and cone shell	5602	1		1
Cuttlefishes	5701	3,794	2,069	1,725
Squids	5702	9,447	6,599	2,848
Octopuses	5703	120	95	25
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		151,053	101,731	49,322

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: More than 70 tons

(1) Malaysia

Sub-area		Total	West Coast P	East Coast P
Units of fishing effort				
Cumulative no. of fishing units		2,543	933	1,610
Cumulative no. of trips		6,395	2,812	3,583
Cumulative no. of days		44,889	18,439	26,450
Cumulative no. of hauls		147,251	58,802	88,449
Total catch (Tonnes)		63,147	27,604	35,543
Species (group)	Code No.	Total	West Coast P	East Coast P
Shads	2401	483	202	281
Barramundi	2501			
Flounders	3101	106	45	61
Tongue soles	3103	106	94	12
Marine catfishes	3301	622	116	506
Catfish eels	3302	29	29	
Lizard fishes	3303	1,982	1,365	617
Sharp-toothed p. & c. eels	3304	69	35	34
Groupers	3305	318	141	177
Sillago whiting	3306	81	52	29
Red snappers	3307	402	54	348
Other snappers	3308	918	80	838
Fusiliers	3309	4		4
Threadfin breams	3310	4,084	2,113	1,971
Pony fishes	3311	14	2	12
Grunters and sweetlips	3312	38	25	13
Drums and croakers	3313	355	274	81
Goatfishes	3314	751	162	589
Rabbitfishes	3319	52	7	45
Other species	3320	267	7	260
Barracudas	3402	145	40	105
Mullets	3403	2	1	1
Threadfins	3404	11	9	2
Round scads	3405	479	112	367
Jack, cavalla, trevallies	3406	330	73	257
Selar scads	3407	1,804	337	1,467
Hardtail scad	3408	790	506	284
Queenfishes	3409	6	4	2
Black pomfret	3410	201	175	26
Other species	3412	47	6	41
Sardines	3501	45	32	13
Anchovies	3503	2		2
Clupeoids	3504	2		2
Wolf herring	3505	113	36	77
Eastern little tuna	3606	25	10	15
Swordfishes, sail. & marl.	3608			
King mackerels	3610	280	121	159
Indian mackerels	3701	1,312	1,082	230
Hairtails	3703	274	164	110
Sharks	3801	269	73	196
Rays	3802	953	430	523
Miscellaneous fishes	3901	5,292	2,262	3,030
Trash fishes	3902	34,796	15,368	19,428
Mangrove crab	4202	162	75	87
Spiny lobsters	4301	91	2	89
Tiger prawn	4501	4	4	
Penaeid prawns	4502	85	9	76
Other prawns	4503	95	80	15
Clams and cone shell	5602			
Cuttlefishes	5701	1,760	535	1,225
Squids	5702	3,064	1,233	1,831
Octopuses	5703	27	22	5
Miscellaneous m. molluscs	5801			
TOTAL (Tonnes)		63,147	27,604	35,543

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: Less than 14 meters

(2) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		553	484	69
No. of trips		278,804	261,853	16,951
No. of days		369,313	318,877	50,436
No. of hauls		1,108,746	944,095	164,651
No. of hours		4,551,833	3,834,523	717,310
Total catch (Tonnes)		166,240	113,255	52,985
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	950	2	948
Tongue soles	3103	1,267	155	1,112
Marine catfishes	3301	82	7	75
Lizard fishes	3303	374	277	97
Sharp-toothed p. & c. eel	3304	43		43
Groupers	3305	63	6	57
Sillago whiting	3306	336	62	274
Red snappers	3307	15	4	11
Treadfin breams	3310	1,869	1,592	277
Drums and crockers	3313	2,461	281	2,180
Big-eyes snappers	3316	879	879	
Barracudas	3402	1,085	114	971
Mulletts	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406	152	137	15
Selar scads	3407	4	4	
Hardtail scad	3408			
Black pomfret	3410	23	11	12
White pomfret	3411	6	4	2
Sardines	3501			
Anchovies	3503			
Wolf herring	3505	839	14	825
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	205	61	144
Indian mackerel	3701	72	1	71
Indo-pacific mackerel	3702	401	335	66
Hairtails	3703	966	31	935
Sharks	3801	99	98	1
Rays	3802	281	221	60
Miscellaneous fishes	3901	7,010	5,906	1,104
Trash fishes	3902	94,392	58,079	36,313
Swimming crabs	4201	1,986	1,803	183
Mangrove crab	4202			
Slipper lobsters	4302	56	55	1
Tiger prawn	4501	200	132	68
Panaeid prawns	4502	2,960	2,207	753
Other prawns	4503	36,639	35,455	1,184
Miscellaneous	4701	1,023	109	914
Scallops	5501	173	173	
Cuttlefishes	5701	3,420	1,662	1,758
Squids	5702	3,237	1,569	1,668
Octopuses	5703	2,672	1,809	863
TOTAL (Tonnes)		166,240	113,255	52,985

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: 14 - 18 meters

(2) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		484	403	81
No. of trips		38,132	29,311	8,821
No. of days		499,382	419,384	79,998
No. of hauls		1,600,124	1,317,746	282,378
No. of hours		7,743,249	6,375,246	1,368,003
Total catch (Tonnes)		417,738	305,715	112,023
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	1,384	714	670
Tongue soles	3103	5,852	5,092	760
Marine catfishes	3301	1,596	924	672
Lizard fishes	3303	10,242	9,443	799
Sharp-toothed p. & c. eel	3304	1,392	1,179	213
Groupers	3305	3,122	2,449	673
Sillago whiting	3306	1,421	677	744
Red snappers	3307	3,791	3,123	668
Treadfin breams	3310	20,841	16,052	4,789
Drums and crockers	3313	5,033	972	4,061
Big-eyes snappers	3316	19,550	18,260	1,290
Barracudas	3402	2,398	549	1,849
Mulletts	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406	4,394	3,467	927
Selar scads	3407	985	842	143
Hardtail scad	3408	7	7	
Black pomfret	3410	801	596	205
White pomfret	3411	523	266	257
Sardines	3501			
Anchovies	3503	1,612	1,612	
Wolf herring	3505	3,462	2,671	791
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	1,458	1,101	357
Indian mackerel	3701	3,022	2,141	881
Indo-pacific mackerel	3702	3,101	2,300	801
Hairtails	3703	1,402	519	883
Sharks	3801	1,249	774	475
Rays	3802	2,265	1,445	820
Miscellaneous fishes	3901	22,343	15,382	6,961
Trash fishes	3902	242,486	177,294	65,192
Swimming crabs	4201	4,909	4,242	667
Mangrove crab	4202			
Slipper lobsters	4302	315	222	93
Tiger prawn	4501	486	87	399
Panaeid prawns	4502	5,110	3,437	1,673
Other prawns	4503	10,237	5,705	4,532
Miscellaneous	4701	1,428	846	582
Scallops	5501	216	211	5
Cuttlefishes	5701	11,113	7,938	3,175
Squids	5702	13,889	9,840	4,049
Octopuses	5703	4,303	3,336	967
TOTAL (Tonnes)		417,738	305,715	112,023

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: 18 - 25 meters

(2) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		282	222	60
No. of trips		21,014	15,736	5,278
No. of days		411,253	315,072	96,181
No. of hauls		1,101,971	812,474	289,497
No. of hours		5,361,946	3,953,634	1,408,312
Total catch (Tonnes)		633,814	462,688	171,126
Species (group)	Code No	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	1,261	474	787
Tongue soles	3103	4,311	2,621	1,690
Marine catfishes	3301	2,946	2,053	893
Lizard fishes	3303	27,167	23,396	3,771
Sharp-toothed p. & c. eel	3304	2,419	1,403	1,016
Groupers	3305	2,726	2,020	706
Sillago whiting	3306	2,544	1,841	703
Red snappers	3307	5,901	4,750	1,151
Treadfin breams	3310	55,988	46,775	9,213
Drums and crockers	3313	7,324	1,061	6,263
Big-eyes snappers	3316	40,575	32,214	8,361
Barracudas	3402	5,122	2,804	2,318
Mulletts	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406	4,348	2,532	1,816
Selar scads	3407	831	699	132
Hardtail scad	3408	37	37	
Black pomfret	3410	1,174	379	795
White pomfret	3411	639	107	532
Sardines	3501			
Anchovies	3503	2,546	2,537	9
Wolf herring	3505	7,011	4,743	2,268
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	3,106	2,044	1,062
Indian mackerel	3701	4,032	1,654	2,378
Indo-pacific mackerel	3702	12,490	4,731	7,759
Hairtails	3703	2,262	1,270	992
Sharks	3801	2,526	1,479	1,047
Rays	3802	4,409	3,093	1,316
Miscellaneous fishes	3901	31,453	21,968	9,485
Trash fishes	3902	328,207	244,543	83,664
Swimming crabs	4201	2,465	1,992	473
Mangrove crab	4202			
Slipper lobsters	4302	1,143	1,061	82
Tiger prawn	4501	297	11	286
Panaeid prawns	4502	1,697	576	1,121
Other prawns	4503	9,341	5,150	4,191
Miscellaneous	4701	1,595	578	1,017
Scallops	5501	76	68	8
Cuttlefishes	5701	25,907	19,884	6,023
Squids	5702	22,812	17,070	5,742
Octopuses	5703	5,126	3,070	2,056
TOTAL (Tonnes)		633,814	462,688	171,126

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-2 Otter Trawl

Size of boat: More than 25 meters

(2) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		109	78	31
No. of trips		3,095	1,568	1,527
No. of days		92,001	44,062	47,939
No. of hauls		296,144	142,186	153,958
No. of hours		1,349,899	631,465	718,434
Total catch (Tonnes)		149,982	72,194	77,788
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	235		235
Tongue soles	3103	20	20	
Marine catfishes	3301	134	122	12
Lizard fishes	3303	28,770	21,601	7,169
Sharp-toothed p. & c. eel	3304			
Groupers	3305	2,490	631	1,859
Sillago whiting	3306			
Red snappers	3307	4,000	591	3,409
Treadfin breams	3310	8,120	2,845	5,275
Drums and crockers	3313	2,553	262	2,291
Big-eyes snappers	3316	1,276	984	292
Barracudas	3402			
Mullets	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406	633	538	95
Selar scads	3407	280	278	2
Hardtail scad	3408			
Black pomfret	3410	636	150	486
White pomfret	3411	451		451
Sardines	3501			
Anchovies	3503			
Wolf herring	3505	606	271	335
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	1,129	298	831
Indian mackerel	3701	78	51	27
Indo-pacific mackerel	3702	556	439	117
Hairtails	3703	7,967	1,985	5,982
Sharks	3801	404	78	326
Rays	3802	1,137	933	204
Miscellaneous fishes	3901	36,381	21,279	15,102
Trash fishes	3902	38,153	12,885	25,268
Swimming crabs	4201	264	144	120
Mangrove crab	4202			
Slipper lobsters	4302	396	279	117
Tiger prawn	4501			
Panaeid prawns	4502	1,765	122	1,643
Other prawns	4503	1,834	876	958
Miscellaneous	4701	244	212	32
Scallops	5501	129	124	5
Cuttlefishes	5701	4,904	3,004	1,900
Squids	5702	3,544	656	2,888
Octopuses	5703	893	536	357
TOTAL (Tonnes)		149,982	72,194	77,788

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-3 Pair Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		48	24	24
No. of trips		303	168	135
No. of days		1,894	1,201	693
No. of hauls		7,447	5,233	2,214
No. of hours		22,558	14,101	8,457
Total catch (Tonnes)		1,541	516	1,025
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	29		29
Tongue soles	3103	43		43
Marine catfishes	3301			
Lizard fishes	3303			
Sharp-toothed p. & c. eel	3304			
Groupers	3305	3	3	
Sillago whiting	3306			
Red snappers	3307			
Treadfin breams	3310	31	12	19
Drums and crockers	3313	102	21	81
Big-eyes snappers	3316	44	26	18
Barracudas	3402	40		40
Mulletts	3403			
Threadfins	3404			
Round scads	3405			
Jacks, cavalla and trevallies	3406	12	12	
Selar scads	3407			
Hardtail scad	3408			
Black pomfret	3410			
White pomfret	3411			
Sardines	3501			
Anchovies	3503			
Wolf herring	3505	34		34
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	9		9
Indian mackerel	3701			
Indo-pacific mackerel	3702	17	17	
Hairtails	3703	38		38
Sharks	3801			
Rays	3802			
Miscellaneous fishes	3901	44	44	
Trash fishes	3902	778	270	508
Swimming crabs	4201	12	12	
Mangrove crab	4202			
Slipper lobsters	4302			
Tiger prawn	4501	1	1	
Panaeid prawns	4502	8	8	
Other prawns	4503	30	30	
Miscellaneous	4701	41		41
Scallops	5501			
Cuttlefishes	5701	89	20	69
Squids	5702	83	21	62
Octopuses	5703	53	19	34
TOTAL (Tonnes)		1,541	516	1,025

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-3 Pair Trawl

Size of boat: 14 - 18 meters

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		169	134	35
No. of trips		4,999	3,984	1,015
No. of days		47,462	36,491	10,971
No. of hauls		136,368	102,049	34,319
No. of hours		663,563	459,647	203,916
Total catch (Tonnes)		75,111	53,452	21,659
Species (group)	Code No.	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	253	181	72
Tongue soles	3103	612	179	433
Marine catfishes	3301	78	78	
Lizard fishes	3303	1,027	908	119
Sharp-toothed p. & c. eel	3304	121	72	49
Groupers	3305	75	28	47
Sillago whiting	3306	268	87	181
Red snappers	3307	103	71	32
Treadfin breams	3310	2,155	927	1,228
Drums and crockers	3313	1,619	324	1,295
Big-eyes snappers	3316	2,035	1,417	618
Barracudas	3402	690	89	601
Mulletts	3403			
Threadfins	3404	2	2	
Round scads	3405			
Jacks, cavalla and trevallies	3406	854	854	
Selar scads	3407	347	293	54
Hardtail scad	3408	28	28	
Black pomfret	3410	90	53	37
White pomfret	3411	55	29	26
Sardines	3501	25	25	
Anchovies	3503	184	184	
Wolf herring	3505	482	154	328
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	211	115	96
Indian mackerel	3701	1,072	1,072	
Indo-pacific mackerel	3702	1,273	1,273	
Hairtails	3703	419	100	319
Sharks	3801	429	81	348
Rays	3802	502	172	330
Miscellaneous fishes	3901	2,653	2,214	439
Trash fishes	3902	43,537	32,940	10,597
Swimming crabs	4201	299	251	48
Mangrove crab	4202	5	5	
Slipper lobsters	4302	77	35	42
Tiger prawn	4501	29	1	28
Panaeid prawns	4502	306	90	216
Other prawns	4503	3,342	3,004	338
Miscellaneous	4701	385	33	352
Scallops	5501	12	12	
Cuttlefishes	5701	3,881	2,336	1,545
Squids	5702	4,247	2,997	1,250
Octopuses	5703	1,329	738	591
TOTAL (Tonnes)		75,111	53,452	21,659

1 ANNUAL CATCH-EFFORT STATISTICS 1995

1-2 Catch and Fishing Effort by Type of Fishing Gear and by Size of Management

1-2-3 Pair Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area		Total	Gulf of Thailand	Indian Ocean
Units of fishing effort				
No. of fishing units		189	172	17
No. of trips		8,781	7,939	842
No. of days		106,560	96,123	10,437
No. of hauls		302,268	271,828	30,440
No. of hours		1,273,879	1,172,029	101,850
Total catch (Tonnes)		152,144	134,202	17,942
Species (group)	Code No	Total	Gulf of Thailand	Indian Ocean
Indian halibuts	3102	286	286	
Tongue soles	3103	656	348	308
Marine catfishes	3301	256	256	
Lizard fishes	3303	2,857	2,857	
Sharp-toothed p. & c. eel	3304	78	78	
Groupers	3305	120	120	
Sillago whiting	3306	181	180	1
Red snappers	3307	94	94	
Treadfin breams	3310	4,203	2,858	1,345
Drums and crockers	3313	2,079	638	1,441
Big-eyes snappers	3316	4,820	3,943	877
Barracudas	3402	992	285	707
Mullets	3403			
Threadfins	3404	2	2	
Round scads	3405			
Jacks, cavalla and trevallies	3406	2,306	2,295	11
Selar scads	3407	150	150	
Hardtail scad	3408	254	254	
Black pomfret	3410	219	210	9
White pomfret	3411	105	103	2
Sardines	3501			
Anchovies	3503	81	81	
Wolf herring	3505	549	215	334
Longtail tuna	3604			
Eastern little tuna	3606			
Narrow-barred king mackerel	3609	369	273	96
Indian mackerel	3701	2,795	2,795	
Indo-pacific mackerel	3702	1,277	1,277	
Hairtails	3703	658	295	363
Sharks	3801	452	152	300
Rays	3802	616	274	342
Miscellaneous fishes	3901	7,430	7,261	169
Trash fishes	3902	99,707	92,824	6,883
Swimming crabs	4201	458	385	73
Mangrove crab	4202			
Slipper lobsters	4302	17	17	
Tiger prawn	4501	78	78	
Panaeid prawns	4502	216	199	17
Other prawns	4503	4,379	3,381	998
Miscellaneous	4701	299	2	297
Scallops	5501			
Cuttlefishes	5701	4,780	3,216	1,564
Squids	5702	6,496	5,299	1,197
Octopuses	5703	1,829	1,221	608
TOTAL (Tonnes)		152,144	134,202	17,942

THE UNIVERSITY OF CHICAGO
 DEPARTMENT OF CHEMISTRY
 LABORATORY OF ORGANIC CHEMISTRY
 5708 SOUTH CAMPUS DRIVE, CHICAGO, ILLINOIS 60637

Run	Time	Area	Height	Width	Retention Time	Peak Name
1	1.2	100	100	0.2	1.2	Peak 1
2	2.5	200	200	0.2	2.5	Peak 2
3	3.8	300	300	0.2	3.8	Peak 3
4	5.1	400	400	0.2	5.1	Peak 4
5	6.4	500	500	0.2	6.4	Peak 5
6	7.7	600	600	0.2	7.7	Peak 6
7	9.0	700	700	0.2	9.0	Peak 7
8	10.3	800	800	0.2	10.3	Peak 8
9	11.6	900	900	0.2	11.6	Peak 9
10	12.9	1000	1000	0.2	12.9	Peak 10
11	14.2	1100	1100	0.2	14.2	Peak 11
12	15.5	1200	1200	0.2	15.5	Peak 12
13	16.8	1300	1300	0.2	16.8	Peak 13
14	18.1	1400	1400	0.2	18.1	Peak 14
15	19.4	1500	1500	0.2	19.4	Peak 15
16	20.7	1600	1600	0.2	20.7	Peak 16
17	22.0	1700	1700	0.2	22.0	Peak 17
18	23.3	1800	1800	0.2	23.3	Peak 18
19	24.6	1900	1900	0.2	24.6	Peak 19
20	25.9	2000	2000	0.2	25.9	Peak 20
21	27.2	2100	2100	0.2	27.2	Peak 21
22	28.5	2200	2200	0.2	28.5	Peak 22
23	29.8	2300	2300	0.2	29.8	Peak 23
24	31.1	2400	2400	0.2	31.1	Peak 24
25	32.4	2500	2500	0.2	32.4	Peak 25
26	33.7	2600	2600	0.2	33.7	Peak 26
27	35.0	2700	2700	0.2	35.0	Peak 27
28	36.3	2800	2800	0.2	36.3	Peak 28
29	37.6	2900	2900	0.2	37.6	Peak 29
30	38.9	3000	3000	0.2	38.9	Peak 30
31	40.2	3100	3100	0.2	40.2	Peak 31
32	41.5	3200	3200	0.2	41.5	Peak 32
33	42.8	3300	3300	0.2	42.8	Peak 33
34	44.1	3400	3400	0.2	44.1	Peak 34
35	45.4	3500	3500	0.2	45.4	Peak 35
36	46.7	3600	3600	0.2	46.7	Peak 36
37	48.0	3700	3700	0.2	48.0	Peak 37
38	49.3	3800	3800	0.2	49.3	Peak 38
39	50.6	3900	3900	0.2	50.6	Peak 39
40	51.9	4000	4000	0.2	51.9	Peak 40
41	53.2	4100	4100	0.2	53.2	Peak 41
42	54.5	4200	4200	0.2	54.5	Peak 42
43	55.8	4300	4300	0.2	55.8	Peak 43
44	57.1	4400	4400	0.2	57.1	Peak 44
45	58.4	4500	4500	0.2	58.4	Peak 45
46	59.7	4600	4600	0.2	59.7	Peak 46
47	61.0	4700	4700	0.2	61.0	Peak 47
48	62.3	4800	4800	0.2	62.3	Peak 48
49	63.6	4900	4900	0.2	63.6	Peak 49
50	64.9	5000	5000	0.2	64.9	Peak 50

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1	Catch and Fishing Effort by Type of Fishing Gear and by Month	
2-1-1	One Boat Purse Seine (1) Brunei Darussalam	
2-1-2	Anchovy Purse Seine (1) Thailand	Gulf of Thailand and Indian Ocean Gulf of Thailand Indian Ocean
2-1-3	Thai Purse Seine (1) Thailand	Gulf of Thailand and Indian Ocean Gulf of Thailand Indian Ocean
2-1-4	Otter Trawl (1) Brunei Darussalam (2) Thailand	Gulf of Thailand and Indian Ocean Gulf of Thailand Indian Ocean
2-1-5	Pair Trawl (1) Thailand	Gulf of Thailand and Indian Ocean Gulf of Thailand Indian Ocean
2-1-6	Beam Trawl (1) Thailand	Gulf of Thailand
2-1-7	Spanish Mackerel Drift Gill Net (1) Thailand	Gulf of Thailand and Indian Ocean Gulf of Thailand Indian Ocean
2-1-8	Mackerel Encircling Gill Net (1) Thailand	Gulf of Thailand
2-1-9	Bamboo Stake Trap (1) Thailand	Gulf of Thailand
2-1-10	Engine Boat Push Net (1) Thailand	Gulf of Thailand and Indian Ocean Gulf of Thailand Indian Ocean
2-1-11	All Gear (1) Malaysia	West Coast of Peninsular Malaysia East Coast of Peninsular Malaysia Sabah Sarawak Labuan

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-1 One Boat Purse Seine

(1) Brunei Darussalam

Sub-area: Zones 2-3

Units of fishing effort		Month					
		January	February	March	April	May	June
No. of fishing units							
No. of trips							
No. of days							
No. of hauls							
No. of hours							
Total catch (Tonnes)				6.4	12.8	14.6	20.8
Species (group)	Code No.	January	February	March	April	May	June
Shads	2401						
Indian halibuts	3102						
Marine catfishes	3301						
Sharp-toothed p. & c. eels	3304						
Groupers	3305						
Red snappers	3307						
Others snappers	3308						
Fusiliers	3309						
Pony fishes	3311						
Grunters and sweetlips	3312						
Drums and croakers	3313						
Goatfishes	3314						
Big-eye snappers	3316						
Breams	3317						
Other species	3320						
Barracudas	3402						
Mulletts	3403						
Round scads	3405			1.0	0.8	0.9	2.0
Jack, cavalla, trevallies	3406						
Selar scads	3407			1.3	3.3	2.1	1.5
Hardtail scad	3408						
Queenfishes	3409						
Black pomfret	3410			0.4			0.1
White pomfret	3411						
Other species	3412						
Sardines	3501						
Clupeoids	3504						
Wolf herring	3505						
Skipjack tuna	3601						
Longtail tuna	3604						
Eastern little tuna	3606			0.1	0.5	0.3	0.0
Narrow-barred king mackerel	3609						
Indian mackerels	3701			1.9	6.6	10.3	17.1
Indo-Pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobster	4302						
Tiger prawn	4501						
Penaeid prawns	4502						
Other prawns	4503						
Cuttlefishes	5701						
Squids	5702						
Octopus	5703						
OTHERS				1.8	1.6	1.1	0.0
TOTAL (Tonnes)				6.4	12.8	14.6	20.8

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-1 One Boat Purse Seine

(1) Brunei Darussalam

Sub-area: Zones 2-3

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units							
No. of trips							
No. of days							
No. of hauls							
No. of hours							
Total catch (Tonnes)		16.6	6.1	14.8	7.4	9.6	5.6
Species (group)	Code No.	July	August	September	October	November	December
Shads	2401						
Indian halibuts	3102						
Marine catfishes	3301						
Sharp-toothed p. & c. eels	3304						
Groupers	3305						
Red snappers	3307						
Other snapper	3308						
Fusiliers	3309						
Pony fishes	3311						
Grunters and sweetlips	3312						
Drums and croakers	3313						
Goatfishes	3314						
	3316						
Breams	3317						
Other species	3320						
Barracudas	3402						
Mulletts	3403						
Round scads	3405	3.8	0.2	1.5		2.4	1.0
Jack, cavalla, trevallies	3406						
Selar scads	3407	3.7	2.0	1.6	2.8	1.1	0.6
Hardtail scad	3408						
Queenfishes	3409					0.1	
Black pomfret	3410						
White pomfret	3411						
Other species	3412						
Sardines	3501	0.5	1.0	0.9		0.1	1.3
Clupeoids	3504						
Wolf herring	3505						
Skipjack tuna	3601						
Longtail tuna	3604						
Eastern little tuna	3606	0.0	0.1	0.6		0.4	0.5
Narrow-barred king mackerel	3609						
Indian mackerels	3701	8.3	2.2	6.3	3.1	4.7	1.5
Indo-Pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobster	4302						
Tiger prawn	4501						
Penaeid prawns	4502						
Other prawns	4503						
Cuttlefishes	5701						
Squids	5702						
Octopus	5703						
OTHERS		0.2	0.6	3.9	1.5	0.8	0.6
TOTAL (Tonnes)		16.6	6.1	14.8	7.4	9.6	5.6

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-2 Anchovy Purse Seine

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		15	17	15	13	13	14
No. of trips		9,550	9,266	10,800	9,116	9,174	10,822
No. of days		11,050	10,456	12,150	11,134	9,750	10,822
No. of hauls		24,650	24,528	26,200	27,808	26,884	30,214
No. of hours		57,600	60,574	65,200	64,040	64,210	71,786
Total catch (Tonnes)		12,965	13,058	14,767	14,951	16,293	14,867
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	1		3	3	7	5
Mulletts	3403						
Threadfins	3404						
Round scads	3405				14		
Jacks, cavalla and trevallies	3406						
Selar scads	3407	1	8		9		
Hardtail scad	3408	6	11	7	29	9	13
Black pomfret	3410	4		3	18	4	5
White pomfret	3411						
Sardines	3501	31	141	121	114	128	45
Anchovies	3503	12,773	12,817	14,510	14,646	16,046	14,709
Wolf herring	3505	2	6	8	8	3	3
Longtail tuna	3604						
Eastern little tuna	3606	6	3	4	11	5	
Narrow-barred king mackerel	3609	3	4	4	7	5	6
Indian mackerel	3701	47	26	42	31	39	18
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	56	26	47	35	19	43
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703	35	16	18	26	28	20
TOTAL (Tonnes)		12,965	13,058	14,767	14,951	16,293	14,867

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-2 Anchovy Purse Seine

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		15	15	14	15	15	14
No. of trips		9,750	10,200	9,000	6,550	8,050	8,838
No. of days		9,750	10,200	9,000	6,550	8,550	9,374
No. of hauls		26,750	27,750	22,284	15,900	19,500	21,428
No. of hours		61,700	65,350	55,340	36,800	48,550	49,340
Total catch (Tonnes)		12,475	11,780	9,093	6,136	9,772	10,877
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	6	3		3		
Mulletts	3403						
Threadfins	3404						
Round scads	3405				6		
Jacks, cavalla and trevallies	3406				64		
Selar scads	3407				9		
Hardtail scad	3408	22	13		5		
Black pomfret	3410	7	4			79	
White pomfret	3411						
Sardines	3501	177	207		86		
Anchovies	3503	12,183	11,462	9,093	5,814	9,693	10,877
Wolf herring	3505	6	3		6		
Longtail tuna	3604						
Eastern little tuna	3606	2	4		8		
Narrow-barred king mackerel	3609	4	4		7		
Indian mackerel	3701	26	22		112		
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	24	36				
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703	18	22		16		
TOTAL (Tonnes)		12,475	11,780	9,093	6,136	9,772	10,877

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-2 Anchovy Purse Seine

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		12	13	11	8	8	9
No. of trips		8,050	7,324	8,200	6,692	6,808	7,982
No. of days		8,050	7,324	8,650	7,154	6,808	7,982
No. of hauls		19,150	19,366	20,250	19,038	19,326	23,304
No. of hours		50,700	50,648	52,100	50,366	50,826	56,732
Total catch (Tonnes)		10,774	10,725	11,141	10,853	11,211	11,240
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breems	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	1		3	3	7	5
Mullets	3403						
Threadfins	3404						
Round scads	3405				14		
Jacks, cavalla and trevallies	3406						
Selar scads	3407	1	8		9		
Hardtail scad	3408	6	11	7	29	9	13
Black pomfret	3410	4		3	18	4	5
White pomfret	3411						
Sardines	3501	31	132	121	114	128	45
Anchovies	3503	10,582	10,493	10,884	10,548	10,964	11,082
Wolf herring	3505	2	6	8	8	3	3
Longtail tuna	3604						
Eastern little tuna	3606	6	3	4	11	5	
Narrow-barred king mackerel	3609	3	4	4	7	5	6
Indian mackerel	3701	47	26	42	31	39	18
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	56	26	47	35	19	43
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703	35	16	18	26	28	20
TOTAL (Tonnes)		10,774	10,725	11,141	10,853	11,211	11,240

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-2 Anchovy Purse Seine

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		11	11	10	10	11	11
No. of trips		8,850	9,350	6,750	5,350	5,650	7,124
No. of days		8,850	9,350	6,750	5,350	6,150	7,660
No. of hauls		23,650	25,000	15,052	11,600	15,000	16,768
No. of hours		56,200	60,500	42,322	30,100	37,450	39,750
Total catch (Tonnes)		11,208	10,625	5,200	5,190	6,625	7,420
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	6	3		3		
Mulletts	3403						
Threadfins	3404						
Round scads	3405				6		
Jacks, cavalla and trevallies	3406				64		
Selar scads	3407				9		
Hardtail scad	3408	22	13		5		
Black pomfret	3410	7	4			79	
White pomfret	3411						
Sardines	3501	177	207		86		
Anchovies	3503	10,916	10,307	5,200	4,868	6,546	7,420
Wolf herring	3505	6	3		6		
Longtail tuna	3604						
Eastern little tuna	3606	2	4		8		
Narrow-barred king mackerel	3609	4	4		7		
Indian mackerel	3701	26	22		112		
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	24	36				
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703	18	22		16		
TOTAL (Tonnes)		11,208	10,625	5,200	5,190	6,625	7,420

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-2 Anchovy Purse Seine

(1) Thailand

Sub-area: Indian Ocean

Units of fishing effort		Month					
		January	February	March	April	May	June
No. of fishing units		3	4	4	5	5	5
No. of trips		1,500	1,942	2,600	2,424	2,366	2,840
No. of days		3,000	3,132	3,500	3,980	2,942	2,840
No. of hauls		5,500	5,162	5,950	8,770	7,558	6,910
No. of hours		6,900	9,926	13,100	13,674	13,384	15,054
Total catch (Tonnes)		2,191	2,333	3,626	4,098	5,082	3,627
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501		9				
Anchovies	3503	2,191	2,324	3,626	4,098	5,082	3,627
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901						
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		2,191	2,333	3,626	4,098	5,082	3,627

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-2 Anchovy Purse Seine

(1) Thailand

Sub-area: Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		4	4	4	5	4	3
No. of trips		900	850	2,250	1,200	2,400	1,714
No. of days		900	850	2,250	1,200	2,400	1,714
No. of hauls		3,100	2,750	7,232	4,300	4,500	4,660
No. of hours		5,500	4,850	13,018	6,700	11,100	9,590
Total catch (Tonnes)		1,267	1,155	3,893	946	3,147	3,457
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503	1,267	1,155	3,893	946	3,147	3,457
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901						
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		1,267	1,155	3,893	946	3,147	3,457

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-3 Thai Purse Seine

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		43	40	38	38	38	40
No. of trips		12,434	10,076	9,366	6,883	9,501	12,057
No. of days		29,299	25,170	28,803	25,116	27,650	27,910
No. of hauls		57,607	55,691	56,447	46,227	50,054	62,938
No. of hours		196,317	186,717	190,332	166,636	169,963	204,589
Total catch (Tonnes)		72,219	59,231	56,692	42,394	67,605	73,794
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breems	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	59	78	218	135	47	28
Mulletts	3403						
Threadfins	3404						
Round scads	3405	7,582	5,488	10,153	4,780	5,509	6,438
Jacks, cavalla and trevallies	3406	3,709	2,930	3,140	2,685	2,593	3,731
Selar scads	3407	6,909	4,478	4,842	2,396	2,608	2,095
Hardtail scad	3408	1,027	2,046	936	715	1,060	769
Black pomfret	3410	198	159	314	200	121	76
White pomfret	3411						
Sardines	3501	11,083	8,477	4,611	5,435	16,894	24,871
Anchovies	3503	761	1,786		973	6,689	252
Wolf herring	3505	28	219	297	103	93	38
Longtail tuna	3604	5,093	4,274	4,183	3,703	3,913	3,250
Eastern little tuna	3606	3,996	5,660	5,012	6,533	4,943	5,838
Narrow-barred king mackerel	3609	170	253	323	323	788	88
Indian mackerel	3701	4,638	4,460	4,988	3,443	3,171	5,221
Indo-pacific mackerel	3702	12,811	10,975	10,084	7,032	13,415	13,101
Hairtails	3703	73	46	182	2	13	4
Sharks	3801				6		16
Rays	3802			6	5	4	22
Miscellaneous fishes	3901	3,406	3,049	3,812	2,323	3,584	4,917
Trash fishes	3902	10,439	4,686	3,378	1,477	2,096	3,020
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701				2	2	
Squids	5702	237	167	213	123	62	19
Octopuses	5703						
TOTAL (Tonnes)		72,219	59,231	56,692	42,394	67,605	73,794

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-3 Thai Purse Seine

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		41	40	38	39	41	39
No. of trips		14,563	13,874	12,648	8,909	8,390	8,217
No. of days		30,396	30,058	28,089	22,355	24,061	18,464
No. of hauls		63,254	60,242	61,196	58,372	52,402	43,545
No. of hours		215,559	180,605	166,857	129,458	193,675	216,888
Total catch (Tonnes)		84,727	84,128	81,446	52,307	56,542	40,613
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	130	156	177	316	153	59
Mulletts	3403						
Threadfins	3404						
Round scads	3405	5,723	6,838	5,511	7,359	8,841	3,372
Jacks, cavalla and trevallies	3406	4,841	5,161	4,952	2,465	3,288	2,211
Selar scads	3407	2,450	2,713	1,152	2,255	4,154	1,557
Hardtail scad	3408	3,207	1,601	1,659	621	1,875	601
Black pomfret	3410	219	112	210	174	142	149
White pomfret	3411						
Sardines	3501	32,384	33,308	30,316	6,644	6,489	6,419
Anchovies	3503				338		32
Wolf herring	3505	211	139	218	286	70	78
Longtail tuna	3604	3,683	3,651	4,037	4,863	4,078	2,597
Eastern little tuna	3606	6,207	6,185	7,970	7,334	5,352	3,668
Narrow-barred king mackerel	3609	188	168	636	217	183	284
Indian mackerel	3701	5,060	3,809	5,500	2,722	5,844	7,481
Indo-pacific mackerel	3702	10,988	11,664	10,226	6,951	7,533	5,011
Hairtails	3703	35	24	139	98	73	57
Sharks	3801	7					
Rays	3802	3					
Miscellaneous fishes	3901	5,708	5,584	5,776	2,846	3,578	2,350
Trash fishes	3902	3,585	2,906	2,892	6,729	4,680	4,603
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702	98	109	75	89	209	84
Octopuses	5703						
TOTAL (Tonnes)		84,727	84,128	81,446	52,307	56,542	40,613

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-3 Thai Purse Seine

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		31	32	29	28	28	28
No. of trips		6,825	7,462	4,572	3,952	6,215	7,463
No. of days		19,416	19,732	20,815	15,841	18,152	19,015
No. of hauls		41,764	46,712	42,202	35,887	39,715	49,618
No. of hours		146,277	155,562	147,685	119,684	123,501	147,342
Total catch (Tonnes)		45,518	44,381	37,939	25,646	43,891	53,372
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	5	37	150	43		
Mullets	3403						
Threadfins	3404						
Round scads	3405	5,106	4,409	7,260	3,538	3,802	4,551
Jacks, cavalla and trevallies	3406	2,661	2,698	2,409	2,605	2,433	3,253
Selar scads	3407	6,681	4,344	4,670	2,003	2,335	2,095
Hardtail scad	3408	552	1,976	710	553	873	622
Black pomfret	3410	136	128	242	156	97	76
White pomfret	3411						
Sardines	3501	6,518	6,436	1,493	1,269	12,862	20,681
Anchovies	3503	761					
Wolf herring	3505	11	145	168	57	12	33
Longtail tuna	3604	4,620	3,763	3,805	2,092	2,196	1,968
Eastern little tuna	3606	2,737	4,774	4,054	4,178	2,608	3,243
Narrow-barred king mackerel	3609	64	167	193	151	79	53
Indian mackerel	3701	2,592	3,957	3,438	2,740	2,741	3,249
Indo-pacific mackerel	3702	7,816	7,261	4,961	4,039	9,999	9,447
Hairtails	3703	36		112	2	13	
Sharks	3801				6		16
Rays	3802			6	5	4	22
Miscellaneous fishes	3901	1,365	2,638	2,381	1,578	2,793	3,383
Trash fishes	3902	3,835	1,553	1,823	559	1,033	666
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701				2	2	
Squids	5702	22	95	64	70	9	14
Octopuses	5703						
TOTAL (Tonnes)		45,518	44,381	37,939	25,646	43,891	53,372

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-3 Thai Purse Seine

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		29	29	27	28	28	27
No. of trips		9,834	9,783	8,299	3,677	3,041	2,595
No. of days		20,935	20,909	17,972	13,319	14,682	8,863
No. of hauls		50,094	44,687	47,704	42,677	37,925	28,022
No. of hours		157,897	131,237	122,746	83,064	139,879	154,925
Total catch (Tonnes)		62,848	63,301	60,094	26,581	31,476	14,325
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	85	60	8	2		
Mulletts	3403						
Threadfins	3404						
Round scads	3405	4,178	5,208	4,299	5,104	6,174	984
Jacks, cavalla and trevallies	3406	3,908	4,969	4,699	1,751	2,984	2,074
Selar scads	3407	2,221	2,493	966	1,920	3,017	1,411
Hardtail scad	3408	435	357	361	444	1,517	429
Black pomfret	3410	192	96	152	121	119	121
White pomfret	3411						
Sardines	3501	27,477	27,539	26,890	1,202	211	330
Anchovies	3503						
Wolf herring	3505	91	74	12		3	
Longtail tuna	3604	2,470	2,103	2,221	3,319	2,386	1,089
Eastern little tuna	3606	3,930	3,287	3,988	4,717	3,174	1,687
Narrow-barred king mackerel	3609	74	97	406	57	56	6
Indian mackerel	3701	3,444	2,068	2,281	1,259	3,088	3,719
Indo-pacific mackerel	3702	8,930	9,506	8,494	4,544	4,901	1,956
Hairtails	3703	34	24	20		2	
Sharks	3801	7					
Rays	3802	3					
Miscellaneous fishes	3901	4,029	3,780	4,159	477	1,606	388
Trash fishes	3902	1,301	1,578	1,131	1,652	2,226	130
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702	39	62	7	12	12	1
Octopuses	5703						
TOTAL (Tonnes)		62,848	63,301	60,094	26,581	31,476	14,325

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-3 Thai Purse Seine

(1) Thailand

Sub-area: Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		12	8	9	10	10	12
No. of trips		5,609	2,614	4,794	2,931	3,286	4,594
No. of days		9,883	5,438	7,988	9,275	9,498	8,895
No. of hauls		15,843	8,979	14,245	10,340	10,339	13,320
No. of hours		50,040	31,155	42,647	46,952	46,462	57,247
Total catch (Tonnes)		26,701	14,850	18,753	16,748	23,714	20,422
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	54	41	68	92	47	28
Mulletts	3403						
Threadfins	3404						
Round scads	3405	2,476	1,079	2,893	1,242	1,707	1,887
Jacks, cavalla and trevallies	3406	1,048	232	731	80	160	478
Selar scads	3407	228	134	172	393	273	
Hardtail scad	3408	475	70	226	162	187	147
Black pomfret	3410	62	31	72	44	24	
White pomfret	3411						
Sardines	3501	4,565	2,041	3,118	4,166	4,032	4,190
Anchovies	3503		1,786		973	6,689	252
Wolf herring	3505	17	74	129	46	81	5
Longtail tuna	3604	473	511	378	1,611	1,717	1,282
Eastern little tuna	3606	1,259	886	958	2,355	2,335	2,595
Narrow-barred king mackerel	3609	106	86	130	172	709	35
Indian mackerel	3701	2,046	503	1,550	703	430	1,972
Indo-pacific mackerel	3702	4,995	3,714	5,123	2,993	3,416	3,654
Hairtails	3703	37	46	70			4
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	2,041	411	1,431	745	791	1,534
Trash fishes	3902	6,604	3,133	1,555	918	1,063	2,354
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702	215	72	149	53	53	5
Octopuses	5703						
TOTAL (Tonnes)		26,701	14,850	18,753	16,748	23,714	20,422

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-3 Thai Purse Seine

(1) Thailand

Sub-area: Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		12	11	11	11	13	12
No. of trips		4,729	4,091	4,349	5,232	5,349	5,622
No. of days		9,461	9,149	10,117	9,036	9,379	9,601
No. of hauls		13,160	15,555	13,492	15,695	14,477	15,523
No. of hours		57,662	49,368	44,111	46,394	53,796	61,963
Total catch (Tonnes)		21,879	20,827	21,352	25,726	25,066	26,288
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	45	96	169	314	153	59
Mulletts	3403						
Threadfins	3404						
Round scads	3405	1,545	1,630	1,212	2,255	2,667	2,388
Jacks, cavalla and trevallies	3406	933	192	253	714	304	137
Selar scads	3407	229	220	186	335	1,137	146
Hardtail scad	3408	2,772	1,244	1,298	177	358	172
Black pomfret	3410	27	16	58	53	23	28
White pomfret	3411						
Sardines	3501	4,907	5,769	3,426	5,442	6,278	6,089
Anchovies	3503				338		32
Wolf herring	3505	120	65	206	286	67	78
Longtail tuna	3604	1,213	1,548	1,816	1,544	1,692	1,508
Eastern little tuna	3606	2,277	2,898	3,982	2,617	2,178	1,981
Narrow-barred king mackerel	3609	114	71	230	160	127	278
Indian mackerel	3701	1,616	1,741	3,219	1,463	2,756	3,762
Indo-pacific mackerel	3702	2,058	2,158	1,732	2,407	2,632	3,055
Hairtails	3703	1		119	98	71	57
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	1,679	1,804	1,617	2,369	1,972	1,962
Trash fishes	3902	2,284	1,328	1,761	5,077	2,454	4,473
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702	59	47	68	77	197	83
Octopuses	5703						
TOTAL (Tonnes)		21,879	20,827	21,352	25,726	25,066	26,288

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-4 Otter Trawl (Demersal Trawl)

(1) Brunei Darussalam

Sub-area: Zones 2-3

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units							
No. of trips							
No. of days							
No. of hauls							
No. of hours							
Total catch (Tonnes)		80.5	56.7	88.8	80.2	91.1	90.0
Species (group)	Code No.	January	February	March	April	May	June
Shads	2401	0.3			0.0		0.4
Indian halibuts	3102	0.2	0.3	0.4	0.8	0.3	0.1
Marine catfishes	3301						
Sharp-toothed p. & c. eels	3304	0.1		0.3	0.0	0.1	0.1
Groupers	3305	0.5	0.5	0.5	0.6	0.3	1.0
Red snappers	3307	0.7	0.6	0.7	2.0	0.9	1.4
Others snappers	3308	3.0	0.4	0.8	1.1	0.5	1.9
Fusiliers	3309						
Pony fishes	3311	3.7	2.1	7.2	5.7	3.4	3.0
Grunters and sweetlips	3312	1.0	0.9	0.5	0.8		0.5
Drums and croakers	3313	1.5	1.9	2.2	2.5	4.6	3.5
Goatfishes	3314	0.2					
Big-eye snappers	3316						0.0
Breams	3317	2.5	1.4	2.0	2.6	3.2	4.4
Other species	3320						
Barracudas	3402		0.3	0.0	0.1	0.0	0.0
Mullets	3403						
Round scads	3405	2.1	0.2	0.6	0.4	0.8	2.4
Jack, cavalla, trevallies	3406	3.4	2.9	6.1	6.1	10.3	5.8
Selar scads	3407	0.1	0.1	0.2	0.2	0.0	0.1
Hardtail scad	3408	0.7	0.2	1.0	0.2	0.2	0.2
Queenfishes	3409	0.7	0.3	1.6	0.8	0.3	0.1
Black pomfret	3410	0.1	0.0	0.3	0.4	0.0	0.0
White pomfret	3411	0.3	0.2	0.7	0.7	0.2	0.2
Other species	3412						
Sardines	3501	0.0					
Clupeoids	3504						
Wolf herring	3505						
Skipjack tuna	3601	0.0					
Longtail tuna	3604						
Eastern little tuna	3606	0.9					
Narrow-barred king mackerel	3609	0.9	1.0	0.6	0.3		0.2
Indian mackerels	3701	0.1			1.2	0.1	
Indo-Pacific mackerel	3702	0.3	0.3	0.1	0.1		
Hairtails	3703						0.1
Sharks	3801	2.9	1.9	4.1	3.6	2.4	5.0
Rays	3802	4.4	3.4	5.8	4.9	4.4	3.6
Swimming crabs	4201				0.0	0.1	0.2
Mangrove crab	4202						
Slipper lobster	4302					0.1	0.1
Tiger prawn	4501						
Penaeid prawns	4502						
Other prawns	4503	0.8	2.2	1.9	3.1	5.0	2.1
Cuttlefishes	5701	1.0	0.2			0.9	0.7
Squids	5702	4.2	4.4	4.3	4.3	4.5	2.4
Octopus	5703						
OTHERS		43.7	30.9	46.9	37.9	48.4	50.7
TOTAL (Tonnes)		80.5	56.7	88.8	80.2	91.1	90.0

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-4 Otter Trawl (Demersal Trawl)

(1) Brunei Darussalam

Sub-area: Zones 2-3

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units							
No. of trips							
No. of days							
No. of hauls							
No. of hours							
Total catch (Tonnes)		86.6	97.3	72.2	77.8	82.1	75.5
Species (group)	Code No.	July	August	September	October	November	December
Shads	2401	0.0			0.0	0.3	
Indian halibuts	3102	1.1	0.1	0.2	0.3	0.3	0.2
Marine catfishes	3301						0.1
Sharp-toothed p. & c. eels	3304		0.1	0.0			
Groupers	3305	1.0	0.9	0.4	0.4	0.5	0.2
Red snappers	3307	2.3	1.9	0.7	1.5	1.6	1.2
Other snapper	3308	2.4	1.7	2.0	0.9	0.8	1.2
Fusiliers	3309	0.0		0.2			
Pony fishes	3311	3.3	7.8	7.1	10.3	7.2	3.5
Grunters and sweetlips	3312	0.9	0.6	0.4	0.2	0.7	0.9
Drums and croakers	3313	4.3	1.3	1.1	2.2	1.3	0.5
Goatfishes	3314		0.0		0.6	1.4	0.3
Big eye-snappers	3316	0.1		0.4			
Breams	3317	7.0	3.1	2.9	3.1	3.4	1.1
Other species	3320						
Barracudas	3402	0.2	0.1	0.3	0.2	0.0	0.0
Mullet	3403					0.1	
Round scads	3405	0.5	1.6	0.6	2.3	0.3	0.3
Jack, cavalla, trevallies	3406	5.4	4.5	2.4	3.8	2.0	1.0
Selar scads	3407	0.1	0.1	0.0	0.4	0.3	0.2
Hardtail scad	3408	0.5	0.4	0.1		0.0	
Queenfishes	3409	0.1	0.7	0.5	0.9	0.9	0.4
Black pomfret	3410	0.0	0.0			0.1	0.1
White pomfret	3411	0.1	0.0	0.1	0.0	0.1	0.4
Other species	3412						
Sardines	3501	0.0			0.0		
Clupeoids	3504						
Wolf herring	3505						
Skipjack tuna	3601						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	0.1	0.1	0.3	0.2	0.3	0.7
Indian mackerels	3701	0.2	2.7		0.4	5.1	1.5
Indo-Pacific mackerel	3702	0.0	0.1	0.0			
Hairtails	3703						
Sharks	3801	6.2	5.3	4.7	4.5	3.6	2.4
Rays	3802	6.2	4.2	3.7	4.2	5.0	6.3
Swimming crabs	4201	0.1		0.0	0.0	0.1	0.2
Mangrove crab	4202						
Slipper lobster	4302	0.2	0.0	0.1	0.0	0.1	0.0
Tiger prawn	4501						
Penaeid prawns	4502						
Other prawns	4503	1.5	1.1	0.2	2.8	9.0	22.6
Cuttlefishes	5701	0.2	0.0	0.0	0.1	0.1	0.1
Squids	5702	1.3	1.0	0.5	0.6	0.9	1.1
Octopus	5703						
OTHERS		41.4	57.8	43.4	37.7	37.0	29.0
TOTAL (Tonnes)		86.6	97.3	72.2	77.8	82.1	75.5

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-4 Otter Trawl

(2) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		118	124	124	113	119	116
No. of trips		30,596	27,749	31,562	27,678	31,356	30,475
No. of days		112,049	113,085	120,552	114,430	122,014	123,801
No. of hauls		324,147	331,171	347,672	328,390	377,346	377,870
No. of hours		1,506,719	1,553,946	1,620,104	1,511,015	1,732,783	1,740,643
Total catch (Tonnes)		106,036	111,377	127,441	115,860	127,225	120,884
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	277	218	368	228	289	435
Tongue soles	3103	886	721	1,059	966	1,150	964
Marine catfishes	3301	318	383	424	359	425	396
Lizard fishes	3303	6,401	4,786	7,938	3,548	6,074	8,642
Sharp-toothed p. & c. eel	3304	297	402	550	288	336	219
Groupers	3305	705	834	752	766	731	669
Sillago whiting	3306	401	194	231	356	488	511
Red snappers	3307	937	1,183	1,245	1,155	1,045	1,272
Treadfin breams	3310	5,923	6,942	8,285	6,661	8,044	7,411
Drums and crockers	3313	1,233	1,519	1,771	1,361	1,787	1,216
Big-eyes snappers	3316	5,853	6,257	5,025	5,661	5,137	5,310
Barracudas	3402	584	556	772	1,231	736	725
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	697	767	839	863	995	757
Selar scads	3407	245	221	143	256	186	116
Hardtail scad	3408						22
Black pomfret	3410	203	185	264	252	263	150
White pomfret	3411	48	148	153	136	179	82
Sardines	3501						
Anchovies	3503	453	318	252	386	506	467
Wolf herring	3505	966	897	927	990	1,234	961
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	566	574	508	446	543	508
Indian mackerel	3701	655	710	622	650	532	506
Indo-pacific mackerel	3702	1,066	1,232	1,418	1,137	1,286	1,281
Hairtails	3703	652	987	1,333	988	1,126	937
Sharks	3801	311	318	326	316	345	323
Rays	3802	798	486	624	533	754	744
Miscellaneous fishes	3901	8,838	5,744	11,143	6,570	9,382	9,903
Trash fishes	3902	52,166	60,565	63,703	64,246	65,962	59,283
Swimming crabs	4201	690	741	803	748	911	883
Mangrove crab	4202						
Slipper lobsters	4302	186	147	197	140	209	197
Tiger prawn	4501	31	28	70	54	112	94
Panaeid prawns	4502	607	811	1,001	922	1,036	840
Other prawns	4503	4,155	4,180	4,864	5,109	5,926	5,636
Miscellaneous	4701	331	190	344	410	318	464
Scallops	5501	39	71	26	45	35	48
Cuttlefishes	5701	4,043	3,551	4,307	3,517	4,048	4,107
Squids	5702	3,435	3,517	4,086	3,680	4,096	3,587
Octopuses	5703	1,040	994	1,068	886	999	1,218
TOTAL (Tonnes)		106,036	111,377	127,441	115,860	127,225	120,884

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-4 Otter Trawl

(2) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		114	119	117	119	123	122
No. of trips		28,772	28,590	30,327	28,994	22,938	22,008
No. of days		121,751	115,636	113,223	113,605	105,132	96,671
No. of hauls		382,863	338,274	345,643	337,949	316,731	298,929
No. of hours		1,750,444	1,597,862	1,563,977	1,556,269	1,485,537	1,387,628
Total catch (Tonnes)		119,741	119,044	119,095	111,064	100,600	89,407
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	328	234	317	391	343	402
Tongue soles	3103	1,089	744	1,134	1,003	938	796
Marine catfishes	3301	429	717	400	301	331	275
Lizard fishes	3303	3,478	8,744	7,269	3,919	3,148	2,606
Sharp-toothed p. & c. eel	3304	397	233	410	213	241	268
Groupers	3305	879	517	660	566	717	605
Sillago whiting	3306	253	305	326	273	559	404
Red snappers	3307	1,284	1,082	1,128	1,201	1,175	1,000
Treadfin breams	3310	6,537	12,228	7,400	6,901	5,673	4,813
Drums and crockers	3313	1,551	1,040	1,332	1,538	1,544	1,479
Big-eyes snappers	3316	4,750	5,211	5,337	5,949	3,773	4,017
Barracudas	3402	774	546	589	672	622	798
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	1,058	749	868	659	647	628
Selar scads	3407	218	117	172	129	162	135
Hardtail scad	3408		22				
Black pomfret	3410	180	212	187	239	255	244
White pomfret	3411	132	106	108	134	190	203
Sardines	3501						
Anchovies	3503	321	343	377	287	359	89
Wolf herring	3505	1,201	912	1,133	956	984	757
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	498	457	453	440	400	505
Indian mackerel	3701	548	573	594	590	578	646
Indo-pacific mackerel	3702	1,553	1,854	1,336	1,868	1,162	1,355
Hairtails	3703	977	1,155	877	1,100	1,345	1,120
Sharks	3801	445	351	289	453	357	444
Rays	3802	761	699	1,122	541	550	480
Miscellaneous fishes	3901	6,435	9,885	9,746	7,481	6,073	5,987
Trash fishes	3902	66,183	54,648	59,510	56,793	52,927	47,252
Swimming crabs	4201	906	785	712	911	811	723
Mangrove crab	4202						
Slipper lobsters	4302	130	168	171	194	86	85
Tiger prawn	4501	117	59	65	44	167	142
Panaeid prawns	4502	899	710	1,225	1,287	1,186	1,008
Other prawns	4503	5,441	4,675	4,741	5,066	5,659	2,599
Miscellaneous	4701	417	274	499	381	283	379
Scallops	5501	161	85	59	1	1	23
Cuttlefishes	5701	4,228	3,972	4,037	3,563	3,050	2,921
Squids	5702	3,943	3,695	3,279	3,714	3,280	3,170
Octopuses	5703	1,240	937	1,233	1,306	1,024	1,049
TOTAL (Tonnes)		119,741	119,044	119,095	111,064	100,600	89,407

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-4 Otter Trawl

(2) Thailand

Sub-area: Gulf of Thailand

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		103	103	103	94	99	96
No. of trips		28,047	25,096	28,467	25,651	29,156	27,636
No. of days		94,424	89,054	95,427	92,203	97,857	102,188
No. of hauls		270,721	255,233	264,201	256,280	299,075	303,860
No. of hours		1,233,975	1,183,325	1,229,880	1,159,506	1,363,670	1,403,149
Total catch (Tonnes)		82,905	75,273	87,780	79,838	87,903	90,049
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	136	89	185	69	74	222
Tongue soles	3103	682	519	783	744	884	564
Marine catfishes	3301	270	256	275	207	251	245
Lizard fishes	3303	6,032	3,659	6,579	2,774	4,848	7,168
Sharp-toothed p. & c. eel	3304	229	280	396	176	238	153
Groupers	3305	643	417	511	402	486	454
Sillago whiting	3306	335	105	56	194	321	374
Red snappers	3307	777	627	833	607	805	836
Treadfin breams	3310	4,987	5,227	6,357	5,060	6,053	6,070
Drums and crockers	3313	266	292	209	236	227	180
Big-eyes snappers	3316	5,133	5,366	4,216	4,858	4,397	4,849
Barracudas	3402	237	233	258	907	258	272
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	534	580	516	534	634	560
Selar scads	3407	239	200	124	231	159	95
Hardtail scad	3408						22
Black pomfret	3410	117	78	116	80	113	119
White pomfret	3411	25	22	21	23	26	32
Sardines	3501						
Anchovies	3503	453	318	252	386	497	467
Wolf herring	3505	690	583	605	688	866	625
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	468	368	253	220	297	399
Indian mackerel	3701	455	489	285	329	242	323
Indo-pacific mackerel	3702	574	389	583	345	598	1,001
Hairtails	3703	504	180	513	167	300	529
Sharks	3801	261	205	199	203	222	202
Rays	3802	651	352	434	384	565	518
Miscellaneous fishes	3901	7,627	3,184	7,586	3,707	5,833	7,717
Trash fishes	3902	38,985	40,885	43,384	44,869	45,753	43,239
Swimming crabs	4201	633	647	682	626	755	713
Mangrove crab	4202						
Slipper lobsters	4302	186	126	163	108	162	145
Tiger prawn	4501	27	12	20	16	19	16
Panaeid prawns	4502	475	441	558	444	456	451
Other prawns	4503	3,659	3,260	3,954	4,128	4,834	4,716
Miscellaneous	4701	195	75	192	178	169	164
Scallops	5501	39	71	20	45	31	47
Cuttlefishes	5701	3,136	2,626	3,083	2,734	2,987	3,053
Squids	5702	2,437	2,398	2,709	2,441	2,800	2,640
Octopuses	5703	808	714	870	718	743	869
TOTAL (Tonnes)		82,905	75,273	87,780	79,838	87,903	90,049

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-4 Otter Trawl

(2) Thailand

Sub-area: Gulf of Thailand

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		93	97	95	102	100	102
No. of trips		25,715	25,966	27,369	26,668	19,678	19,019
No. of days		94,527	95,761	91,624	94,205	77,396	72,729
No. of hauls		292,019	274,307	273,819	279,756	225,376	221,854
No. of hours		1,325,609	1,300,876	1,229,542	1,290,001	1,048,563	1,026,772
Total catch (Tonnes)		81,222	89,026	86,461	81,659	59,126	52,610
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	72	63	93	97	47	43
Tongue soles	3103	720	471	761	709	602	449
Marine catfishes	3301	205	627	295	216	117	142
Lizard fishes	3303	2,434	7,217	6,029	3,489	2,324	2,164
Sharp-toothed p. & c. eel	3304	276	150	296	143	96	149
Groupers	3305	505	323	453	380	269	263
Sillago whiting	3306	79	176	187	178	342	233
Red snappers	3307	671	766	783	808	477	478
Treadfin breams	3310	4,798	10,963	5,848	5,281	3,593	3,027
Drums and crockers	3313	218	161	247	205	161	174
Big-eyes snappers	3316	3,693	4,325	4,504	4,935	2,991	3,070
Barracudas	3402	230	220	245	228	157	222
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	802	565	642	537	340	430
Selar scads	3407	171	116	159	109	133	87
Hardtail scad	3408		22				
Black pomfret	3410	68	91	89	64	81	120
White pomfret	3411	22	22	33	78	27	46
Sardines	3501						
Anchovies	3503	321	343	377	287	359	89
Wolf herring	3505	729	578	775	613	544	403
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	295	283	273	251	159	238
Indian mackerel	3701	216	293	255	351	265	344
Indo-pacific mackerel	3702	726	984	655	926	405	619
Hairtails	3703	302	518	359	166	130	137
Sharks	3801	159	226	211	246	159	136
Rays	3802	471	524	927	373	297	196
Miscellaneous fishes	3901	4,102	7,319	7,143	4,032	3,104	3,181
Trash fishes	3902	46,673	40,119	43,056	44,394	31,812	29,632
Swimming crabs	4201	748	703	618	851	624	581
Mangrove crab	4202						
Slipper lobsters	4302	95	151	149	188	73	71
Tiger prawn	4501	24	11	17	22	22	24
Panaeid prawns	4502	456	332	870	1,018	454	387
Other prawns	4503	4,398	3,891	3,854	4,469	4,403	1,620
Miscellaneous	4701	167	96	290	65	69	85
Scallops	5501	161	79	58	1	1	23
Cuttlefishes	5701	2,873	3,029	3,013	2,556	1,854	1,544
Squids	5702	2,621	2,679	2,132	2,550	2,035	1,693
Octopuses	5703	721	590	765	843	600	510
TOTAL (Tonnes)		81,222	89,026	86,461	81,659	59,126	52,610

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-4 Otter Trawl

(2) Thailand

Sub-area: Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		15	21	21	19	20	20
No. of trips		2,549	2,653	3,095	2,027	2,200	2,839
No. of days		17,625	24,031	25,125	22,227	24,157	21,613
No. of hauls		53,426	75,938	83,471	72,110	78,271	74,010
No. of hours		272,744	370,621	390,224	351,509	369,113	337,494
Total catch (Tonnes)		23,131	36,104	39,661	36,022	39,322	30,835
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	141	129	183	159	215	213
Tongue soles	3103	204	202	276	222	266	400
Marine catfishes	3301	48	127	149	152	174	151
Lizard fishes	3303	369	1,127	1,359	774	1,226	1,474
Sharp-toothed p. & c. eel	3304	68	122	154	112	98	66
Groupers	3305	62	417	241	364	245	215
Sillago whiting	3306	66	89	175	162	167	137
Red snappers	3307	160	556	412	548	240	436
Treadfin breems	3310	936	1,715	1,928	1,601	1,991	1,341
Drums and crockers	3313	967	1,227	1,562	1,125	1,560	1,036
Big-eyes snappers	3316	720	891	809	803	740	461
Barracudas	3402	347	323	514	324	478	453
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	163	187	323	329	361	197
Selar scads	3407	6	21	19	25	27	21
Hardtail scad	3408						
Black pomfret	3410	86	107	148	172	150	31
White pomfret	3411	23	126	132	113	153	50
Sardines	3501						
Anchovies	3503					9	
Wolf herring	3505	276	314	322	302	368	336
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	98	206	255	226	246	109
Indian mackerel	3701	200	221	337	321	290	183
Indo-pacific mackerel	3702	492	843	835	792	688	280
Hairtails	3703	148	807	820	821	826	408
Sharks	3801	50	113	127	113	123	121
Rays	3802	147	134	190	149	189	226
Miscellaneous fishes	3901	1,211	2,560	3,557	2,863	3,549	2,186
Trash fishes	3902	13,181	19,680	20,319	19,377	20,209	16,044
Swimming crabs	4201	57	94	121	122	156	170
Mangrove crab	4202						
Slipper lobsters	4302		21	34	32	47	52
Tiger prawn	4501	4	16	50	38	93	78
Panaeid prawns	4502	132	370	443	478	580	389
Other prawns	4503	496	920	910	981	1,092	920
Miscellaneous	4701	136	115	152	232	149	300
Scallops	5501			6		4	1
Cuttlefishes	5701	907	925	1,224	783	1,061	1,054
Squids	5702	998	1,119	1,377	1,239	1,296	947
Octopuses	5703	232	280	198	168	256	349
TOTAL (Tonnes)		23,131	36,104	39,661	36,022	39,322	30,835

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-4 Otter Trawl

(2) Thailand

Sub-area: Indian Ocean

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		21	22	22	17	23	20
No. of trips		3,057	2,624	2,958	2,326	3,260	2,989
No. of days		27,224	19,875	21,599	19,400	27,736	23,942
No. of hauls		90,844	63,967	71,824	58,193	91,355	77,075
No. of hours		424,835	296,986	334,435	266,268	436,974	360,856
Total catch (Tonnes)		38,519	30,018	32,634	29,405	41,474	36,797
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	256	171	224	294	296	359
Tongue soles	3103	369	273	373	294	336	347
Marine catfishes	3301	224	90	105	85	214	133
Lizard fishes	3303	1,044	1,527	1,240	430	824	442
Sharp-toothed p. & c. eel	3304	121	83	114	70	145	119
Groupers	3305	374	194	207	186	448	342
Sillago whiting	3306	174	129	139	95	217	171
Red snappers	3307	613	316	345	393	698	522
Treadfin breams	3310	1,739	1,265	1,552	1,620	2,080	1,786
Drums and crockers	3313	1,333	879	1,085	1,333	1,383	1,305
Big-eyes snappers	3316	1,057	886	833	1,014	782	947
Barracudas	3402	544	326	344	444	465	576
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	256	184	226	122	307	198
Selar scads	3407	47	1	13	20	29	48
Hardtail scad	3408						
Black pomfret	3410	112	121	98	175	174	124
White pomfret	3411	110	84	75	56	163	157
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	472	334	358	343	440	354
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	203	174	180	189	241	267
Indian mackerel	3701	332	280	339	239	313	302
Indo-pacific mackerel	3702	827	870	681	942	757	736
Hairtails	3703	675	637	518	934	1,215	983
Sharks	3801	286	125	78	207	198	308
Rays	3802	290	175	195	168	253	284
Miscellaneous fishes	3901	2,333	2,566	2,603	3,449	2,969	2,806
Trash fishes	3902	19,510	14,529	16,454	12,399	21,115	17,620
Swimming crabs	4201	158	82	94	60	187	142
Mangrove crab	4202						
Slipper lobsters	4302	35	17	22	6	13	14
Tiger prawn	4501	93	48	48	22	145	118
Panaeid prawns	4502	443	378	355	269	732	621
Other prawns	4503	1,043	784	887	597	1,256	979
Miscellaneous	4701	250	178	209	316	214	294
Scallops	5501		6	1			
Cuttlefishes	5701	1,355	943	1,024	1,007	1,196	1,377
Squids	5702	1,322	1,016	1,147	1,164	1,245	1,477
Octopuses	5703	519	347	468	463	424	539
TOTAL (Tonnes)		38,519	30,018	32,634	29,405	41,474	36,797

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-5 Pair Trawl

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		38	36	27	36	36	35
No. of trips		1,139	1,097	1,190	1,141	1,219	1,209
No. of days		12,213	11,653	13,937	13,051	13,531	13,224
No. of hauls		34,489	32,952	40,594	36,731	37,693	38,329
No. of hours		203,540	140,298	168,175	154,354	157,015	187,327
Total catch (Tonnes)		17,227	16,756	17,425	20,065	21,524	20,951
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	33	26	45	32	36	76
Tongue soles	3103	55	57	82	74	78	133
Marine catfishes	3301	23	23	34	33	18	36
Lizard fishes	3303	411	452	129	518	440	449
Sharp-toothed p. & c. eel	3304	36	13	15	17	18	21
Groupers	3305	9	13	23	19	21	28
Sillago whiting	3306	49	21	36	60	34	35
Red snappers	3307	11	14	18	21	19	24
Treadfin breams	3310	278	241	527	333	648	625
Drums and crockers	3313	248	187	435	227	333	254
Big-eyes snappers	3316	273	306	507	714	641	731
Barracudas	3402	99	69	176	83	134	108
Mulletts	3403						
Threadfins	3404	2				2	
Round scads	3405						
Jacks, cavalla and trevallies	3406	795	553	316	130	168	187
Selar scads	3407	30	27	67	41	95	41
Hardtail scad	3408	17	25	45	23	24	21
Black pomfret	3410	17	28	30	29	28	34
White pomfret	3411	3	7	17	12	12	17
Sardines	3501	25					
Anchovies	3503	24	7	7	43	35	13
Wolf herring	3505	49	44	82	52	84	97
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	34	29	65	44	53	52
Indian mackerel	3701	260	536	189	500	461	408
Indo-pacific mackerel	3702	492	129	257	163	184	176
Hairtails	3703	60	36	122	61	83	88
Sharks	3801	36	40	46	40	66	60
Rays	3802	39	53	69	59	81	88
Miscellaneous fishes	3901	432	455	626	1,114	1,208	1,286
Trash fishes	3902	10,836	10,950	10,588	13,122	13,736	13,163
Swimming crabs	4201	61	69	123	61	57	62
Mangrove crab	4202						5
Slipper lobsters	4302	6	7	5	8	7	13
Tiger prawn	4501	7	9	7	13	5	10
Panaeid prawns	4502	34	36	29	70	39	63
Other prawns	4503	444	424	679	483	450	622
Miscellaneous	4701	31	18	41	50	59	41
Scallops	5501			2	1	1	2
Cuttlefishes	5701	580	451	824	662	876	757
Squids	5702	1,244	1,251	931	833	1,015	847
Octopuses	5703	144	150	231	320	275	278
TOTAL (Tonnes)		17,227	16,756	17,425	20,065	21,524	20,951

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-5 Pair Trawl

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Units of fishing effort		Month					
		July	August	September	October	November	December
No. of fishing units		36	36	28	35	28	35
No. of trips		1,154	1,226	1,264	1,272	1,117	1,055
No. of days		12,835	13,927	13,891	13,682	12,571	11,401
No. of hauls		34,223	38,491	41,668	38,517	40,623	31,773
No. of hours		146,427	158,877	179,396	160,069	171,901	132,621
Total catch (Tonnes)		20,770	20,853	17,558	20,943	16,703	18,021
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	80	39	67	38	50	46
Tongue soles	3103	151	140	161	119	146	115
Marine catfishes	3301	23	25	44	20	35	20
Lizard fishes	3303	408	345	108	338	142	144
Sharp-toothed p. & c. eel	3304	14	13	12	13	14	13
Groupers	3305	19	15	19	13	12	7
Sillago whiting	3306	22	32	59	19	62	20
Red snappers	3307	23	14	16	7	23	7
Treadfin breams	3310	714	738	427	690	492	676
Drums and crockers	3313	376	334	335	352	349	370
Big-eyes snappers	3316	791	701	465	677	401	692
Barracudas	3402	220	163	196	132	180	162
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	159	152	249	165	175	123
Selar scads	3407	32	36	43	21	44	20
Hardtail scad	3408	19	8	29	27	27	17
Black pomfret	3410	20	21	34	23	30	15
White pomfret	3411	8	10	22	21	22	9
Sardines	3501						
Anchovies	3503	20	42	36	31	7	
Wolf herring	3505	152	101	116	102	94	92
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	52	41	59	50	64	46
Indian mackerel	3701	386	351	155	299	127	195
Indo-pacific mackerel	3702	154	151	242	189	266	164
Hairtails	3703	114	106	133	143	85	84
Sharks	3801	131	102	111	98	68	83
Rays	3802	154	132	119	116	103	105
Miscellaneous fishes	3901	1,166	1,172	533	800	524	811
Trash fishes	3902	12,587	12,827	10,928	13,567	10,247	11,471
Swimming crabs	4201	50	53	69	53	73	38
Mangrove crab	4202						
Slipper lobsters	4302	9	8	7	6	11	7
Tiger prawn	4501	9	8	17	7	8	8
Panaeid prawns	4502	33	40	58	44	48	36
Other prawns	4503	448	778	993	813	968	649
Miscellaneous	4701	93	77	53	76	76	110
Scallops	5501	1	1	1		2	1
Cuttlefishes	5701	847	860	696	751	771	675
Squids	5702	894	850	696	806	728	731
Octopuses	5703	391	367	250	317	229	259
TOTAL (Tonnes)		20,770	20,853	17,558	20,943	16,703	18,021

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-5 Pair Trawl

(1) Thailand

Sub-area: Gulf of Thailand

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		32	30	22	30	30	29
No. of trips		1,015	997	1,034	1,041	1,063	1,077
No. of days		10,868	10,569	11,774	12,022	11,754	12,152
No. of hauls		30,356	29,446	34,534	33,383	32,218	34,298
No. of hours		131,392	126,270	149,756	140,815	137,206	168,348
Total catch (Tonnes)		14,782	14,814	14,233	18,070	18,295	18,213
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	26	20	44	21	28	55
Tongue soles	3103	28	30	53	34	47	49
Marine catfishes	3301	23	23	34	33	18	36
Lizard fishes	3303	406	441	129	506	432	427
Sharp-toothed p. & c. eel	3304	34	10	15	10	12	11
Groupers	3305	6	9	23	15	15	20
Sillago whiting	3306	36	7	36	40	20	7
Red snappers	3307	11	11	18	16	15	20
Treadfin breams	3310	155	140	261	255	438	491
Drums and crockers	3313	72	50	113	114	80	105
Big-eyes snappers	3316	197	251	343	632	571	617
Barracudas	3402	27	18	47	33	30	41
Mulletts	3403						
Threadfins	3404	2				2	
Round scads	3405						
Jacks, cavalla and trevallies	3406	795	553	316	130	168	187
Selar scads	3407	30	27	67	41	41	41
Hardtail scad	3408	17	25	45	23	24	21
Black pomfret	3410	15	23	30	24	24	27
White pomfret	3411	2	3	17	10	10	12
Sardines	3501	25					
Anchovies	3503	24	7	7	43	35	13
Wolf herring	3505	27	21	37	31	45	43
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	21	22	44	35	36	41
Indian mackerel	3701	260	536	189	500	461	408
Indo-pacific mackerel	3702	492	129	257	163	184	176
Hairtails	3703	27	12	62	33	35	30
Sharks	3801	21	22	24	18	23	19
Rays	3802	26	32	49	33	26	40
Miscellaneous fishes	3901	380	417	571	1,072	1,144	1,235
Trash fishes	3902	9,543	9,998	9,302	12,081	12,196	11,878
Swimming crabs	4201	42	51	82	56	54	55
Mangrove crab	4202						5
Slipper lobsters	4302	4	4	5	3	3	4
Tiger prawn	4501	5	6	7	11	4	6
Panaeid prawns	4502	16	17	29	50	17	21
Other prawns	4503	414	389	679	452	429	550
Miscellaneous	4701	1	2	5	11	2	6
Scallops	5501			2	1	1	2
Cuttlefishes	5701	374	298	496	516	616	586
Squids	5702	1,095	1,109	626	738	798	720
Octopuses	5703	103	101	169	286	211	208
TOTAL (Tonnes)		14,782	14,814	14,233	18,070	18,295	18,213

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-5 Pair Trawl

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		30	29	21	28	21	28
No. of trips		1,000	1,015	1,034	1,060	914	841
No. of days		10,959	11,566	11,448	11,463	10,312	8,928
No. of hauls		28,725	31,296	34,475	31,685	33,626	25,068
No. of hours		126,422	131,678	150,522	133,878	144,158	105,332
Total catch (Tonnes)		16,747	16,790	13,487	16,764	12,553	13,422
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	69	33	58	31	43	39
Tongue soles	3103	43	36	58	53	66	30
Marine catfishes	3301	23	25	44	20	35	20
Lizard fishes	3303	394	337	94	327	132	140
Sharp-toothed p. & c. eel	3304	9	10	9	11	10	9
Groupers	3305	14	13	14	10	9	3
Sillago whiting	3306	6	16	41	5	46	7
Red snappers	3307	21	12	14	5	18	4
Treadfin breams	3310	418	459	207	434	211	328
Drums and crockers	3313	74	70	91	79	78	57
Big-eyes snappers	3316	610	521	329	539	283	493
Barracudas	3402	29	20	42	25	44	18
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	159	150	246	163	173	121
Selar scads	3407	32	36	43	21	44	20
Hardtail scad	3408	19	8	29	27	27	17
Black pomfret	3410	17	17	30	19	25	12
White pomfret	3411	6	7	20	18	19	8
Sardines	3501						
Anchovies	3503	20	42	36	31	7	
Wolf herring	3505	25	24	34	25	37	20
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	28	26	39	30	45	21
Indian mackerel	3701	386	351	155	299	127	195
Indo-pacific mackerel	3702	154	151	242	189	266	164
Hairtails	3703	20	19	49	74	27	7
Sharks	3801	13	22	27	15	23	6
Rays	3802	37	43	42	45	48	25
Miscellaneous fishes	3901	1,113	1,124	481	744	481	757
Trash fishes	3902	11,193	11,181	9,099	11,634	8,329	9,600
Swimming crabs	4201	46	49	61	49	69	34
Mangrove crab	4202						
Slipper lobsters	4302	5	6	3	4	8	3
Tiger prawn	4501	6	5	14	4	6	6
Panaeid prawns	4502	19	21	35	22	29	21
Other prawns	4503	424	558	725	581	725	489
Miscellaneous	4701	1	1	2	1	2	1
Scallops	5501	1	1	1		2	1
Cuttlefishes	5701	510	546	424	463	466	277
Squids	5702	603	633	544	584	489	378
Octopuses	5703	200	217	105	183	104	91
TOTAL (Tonnes)		16,747	16,790	13,487	16,764	12,553	13,422

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-5 Pair Trawl

(1) Thailand

Sub-area: Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		6	6	5	6	6	6
No. of trips		124	100	156	100	156	132
No. of days		1,345	1,084	2,163	1,029	1,777	1,072
No. of hauls		4,133	3,506	6,060	3,348	5,475	4,031
No. of hours		72,148	14,028	18,419	13,539	19,809	18,979
Total catch (Tonnes)		2,445	1,942	3,192	1,995	3,229	2,738
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	7	6	1	11	8	21
Tongue soles	3103	27	27	29	40	31	84
Marine catfishes	3301						
Lizard fishes	3303	5	11		12	8	22
Sharp-toothed p. & c. eel	3304	2	3		7	6	10
Groupers	3305	3	4		4	6	8
Sillago whiting	3306	13	14		20	14	28
Red snappers	3307		3		5	4	4
Treadfin breams	3310	123	101	266	78	210	134
Drums and crockers	3313	176	137	322	113	253	149
Big-eyes snappers	3316	76	55	164	82	70	114
Barracudas	3402	72	51	129	50	104	67
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407					54	
Hardtail scad	3408						
Black pomfret	3410	2	5		5	4	7
White pomfret	3411	1	4		2	2	5
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	22	23	45	21	39	54
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	13	7	21	9	17	11
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703	33	24	60	28	48	58
Sharks	3801	15	18	22	22	43	41
Rays	3802	13	21	20	26	55	48
Miscellaneous fishes	3901	52	38	55	42	64	51
Trash fishes	3902	1,293	952	1,286	1,041	1,540	1,285
Swimming crabs	4201	19	18	41	5	3	7
Mangrove crab	4202						
Slipper lobsters	4302	2	3		5	4	9
Tiger prawn	4501	2	3		2	1	4
Panaeid prawns	4502	18	19		20	22	42
Other prawns	4503	30	35		31	21	72
Miscellaneous	4701	30	16	36	39	57	35
Scallops	5501						
Cuttlefishes	5701	206	153	328	146	260	171
Squids	5702	149	142	305	95	217	127
Octopuses	5703	41	49	62	34	64	70
TOTAL (Tonnes)		2,445	1,942	3,192	1,995	3,229	2,738

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-5 Pair Trawl

(1) Thailand

Sub-area: Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		6	7	7	7	7	7
No. of trips		154	211	230	212	203	214
No. of days		1,876	2,361	2,443	2,219	2,259	2,473
No. of hauls		5,498	7,195	7,193	6,832	6,997	6,705
No. of hours		20,005	27,199	28,874	26,191	27,743	27,289
Total catch (Tonnes)		4,023	4,063	4,071	4,179	4,150	4,599
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	11	6	9	7	7	7
Tongue soles	3103	108	104	103	66	80	85
Marine catfishes	3301						
Lizard fishes	3303	14	8	14	11	10	4
Sharp-toothed p. & c. eel	3304	5	3	3	2	4	4
Groupers	3305	5	2	5	3	3	4
Sillago whiting	3306	16	16	18	14	16	13
Red snappers	3307	2	2	2	2	5	3
Treadfin breams	3310	296	279	220	256	281	348
Drums and crockers	3313	302	264	244	273	271	313
Big-eyes snappers	3316	181	180	136	138	118	199
Barracudas	3402	191	143	154	107	136	144
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406		2	3	2	2	2
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410	3	4	4	4	5	3
White pomfret	3411	2	3	2	3	3	1
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	127	77	82	77	57	72
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	24	15	20	20	19	25
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703	94	87	84	69	58	77
Sharks	3801	118	80	84	83	45	77
Rays	3802	117	89	77	71	55	80
Miscellaneous fishes	3901	53	48	52	56	43	54
Trash fishes	3902	1,394	1,646	1,829	1,933	1,918	1,871
Swimming crabs	4201	4	4	8	4	4	4
Mangrove crab	4202						
Slipper lobsters	4302	4	2	4	2	3	4
Tiger prawn	4501	3	3	3	3	2	2
Panaeid prawns	4502	14	19	23	22	19	15
Other prawns	4503	24	220	268	232	243	160
Miscellaneous	4701	92	76	51	75	74	109
Scallops	5501						
Cuttlefishes	5701	337	314	272	288	305	398
Squids	5702	291	217	152	222	239	353
Octopuses	5703	191	150	145	134	125	168
TOTAL (Tonnes)		4,023	4,063	4,071	4,179	4,150	4,599

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-6 Beam Trawl

(1) Thailand

Sub-area: Gulf of Thailand

Units of fishing effort		Month					
		January	February	March	April	May	June
No. of fishing units		10	10	10	10	10	10
No. of trips		1,284	1,401	1,460	1,617	1,519	1,587
No. of days		1,284	1,401	1,460	1,617	1,519	1,587
No. of hauls		5,958	6,576	7,889	7,350	6,938	7,213
No. of hours		6,880	7,389	6,713	8,820	8,252	8,663
Total catch (Tonnes)		61	59	76	87	82	85
Species (group)	Code No.	Jan	Feb	Mar	Apr	May	Jun
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301	1	1	1	1	1	1
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313	1	1	1	1	1	1
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	1	1	2	2	2	2
Trash fishes	3902						
Swimming crabs	4201	5	3	5	6	5	6
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502	4	5	7	10	6	7
Other prawns	4503	48	47	57	64	64	65
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	1	1	2	2	2	2
Squids	5702			1	1	1	1
Octopuses	5703						
TOTAL (Tonnes)		61	59	76	87	82	85

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-6 Beam Trawl

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		10	10	10	10	10	10
No. of trips		1,558	1,558	1,538	1,137	1,019	1,000
No. of days		1,558	1,558	1,538	1,137	1,019	1,000
No. of hauls		7,203	7,193	7,164	5,919	5,096	4,998
No. of hours		8,379	8,389	8,222	5,449	5,096	4,998
Total catch (Tonnes)		68	72	64	34	17	17
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301	1	1	1			
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breems	3310						
Drums and crockers	3313	1	1	1			
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	2	2	1			
Trash fishes	3902						
Swimming crabs	4201	4	4	3	1		
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502	5	5	4	1		
Other prawns	4503	53	56	52	32	17	17
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	1	2	1			
Squids	5702	1	1	1			
Octopuses	5703						
TOTAL (Tonnes)		68	72	64	34	17	17

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-7 Spanish Mackerel Drift Gill Net

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		19	19	19	17	18	17
No. of trips		2,416	2,583	3,749	3,866	3,366	3,797
No. of days		4,666	4,897	5,981	5,986	6,050	6,778
No. of hauls		6,291	6,441	7,107	6,337	6,006	6,592
No. of hours		41,954	39,142	41,497	45,144	46,112	47,006
Total catch (Tonnes)		1,648	1,627	1,682	1,484	2,058	2,209
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307	2		1	1	2	2
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	1	1	1	3	2	3
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408	12	14	16	12	19	20
Black pomfret	3410	24	32	38	42	65	50
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	13	13	12	17	22	22
Longtail tuna	3604	718	718	647	498	654	824
Eastern little tuna	3606	445	433	466	433	625	606
Narrow-barred king mackerel	3609	375	361	436	408	528	608
Indian mackerel	3701	4	7	13	4	9	9
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801	10	8	11	13	9	10
Rays	3802						15
Miscellaneous fishes	3901	44	40	41	53	39	40
Trash fishes	3902					84	
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		1,648	1,627	1,682	1,484	2,058	2,209

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-7 Spanish Mackerel Drift Gill Net

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		19	18	18	19	19	19
No. of trips		3,170	3,278	3,454	3,315	3,376	3,041
No. of days		6,086	5,852	6,424	5,483	5,334	4,167
No. of hauls		5,920	5,478	6,116	5,357	5,148	4,314
No. of hours		46,872	37,400	51,084	41,057	43,290	38,767
Total catch (Tonnes)		1,829	1,846	2,175	2,223	1,800	820
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307	3	1	3	3	4	3
Treadfin breems	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402			4	2	3	2
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408	27	5	20	18	17	24
Black pomfret	3410	35	35	44	43	37	27
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	11	26	20	676	2	
Longtail tuna	3604	721	743	909	468	620	190
Eastern little tuna	3606	470	479	624	393	541	183
Narrow-barred king mackerel	3609	388	372	484	449	434	329
Indian mackerel	3701	13	2	10	4	12	12
Indo-pacific mackerel	3702	13					
Hairtails	3703			4			
Sharks	3801	6	10	12	9	4	2
Rays	3802						
Miscellaneous fishes	3901	54	37	41	56	66	48
Trash fishes	3902	88	136		102	60	
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		1,829	1,846	2,175	2,223	1,800	820

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-7 Spanish Mackerel Drift Gill Net

(1) Thailand

Sub-area: Gulf of Thailand

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		11	11	11	10	11	11
No. of trips		1,061	1,187	1,852	1,980	1,848	1,957
No. of days		3,207	3,230	3,855	4,076	4,510	4,751
No. of hauls		3,144	3,106	3,751	4,031	4,048	4,332
No. of hours		26,948	22,656	23,051	28,233	31,328	30,235
Total catch (Tonnes)		1,497	1,454	1,433	1,224	1,859	1,956
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307	2		1	1	2	2
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402	1	1	1	3	2	3
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408	11	13	15	11	18	19
Black pomfret	3410	20	27	30	34	59	42
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	13	13	12	17	22	22
Longtail tuna	3604	668	656	551	397	582	727
Eastern little tuna	3606	445	433	465	433	625	606
Narrow-barred king mackerel	3609	302	278	316	284	433	489
Indian mackerel	3701	4	7	13	4	9	9
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801	10	8	11	13	9	10
Rays	3802						
Miscellaneous fishes	3901	21	18	18	27	14	27
Trash fishes	3902					84	
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		1,497	1,454	1,433	1,224	1,859	1,956

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-7 Spanish Mackerel Drift Gill Net

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		11	11	11	11	11	11
No. of trips		1,606	1,672	1,826	1,689	1,792	1,562
No. of days		4,335	3,916	4,466	3,690	3,521	2,521
No. of hauls		3,981	3,476	4,092	3,377	3,293	2,542
No. of hours		31,866	20,900	34,716	26,302	28,909	25,386
Total catch (Tonnes)		1,618	1,619	1,935	1,989	1,532	579
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307	3	1	3	3	4	3
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402			4	2	3	2
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408	26	4	19	17	16	23
Black pomfret	3410	29	27	36	36	30	20
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	11	26	20	676	2	
Longtail tuna	3604	644	656	816	380	528	109
Eastern little tuna	3606	470	479	624	393	541	183
Narrow-barred king mackerel	3609	288	262	366	336	313	213
Indian mackerel	3701	13	2	10	4	12	12
Indo-pacific mackerel	3702	13					
Hairtails	3703			4			
Sharks	3801	6	10	12	9	4	2
Rays	3802						
Miscellaneous fishes	3901	27	16	21	31	19	12
Trash fishes	3902	88	136		102	60	
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		1,618	1,619	1,935	1,989	1,532	579

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-7 Spanish Mackerel Drift Gill Net

(1) Thailand

Sub-area: Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		8	8	8	7	7	6
No. of trips		1,355	1,396	1,897	1,886	1,518	1,840
No. of days		1,459	1,667	2,126	1,910	1,540	2,027
No. of hauls		3,147	3,335	3,356	2,306	1,958	2,260
No. of hours		15,006	16,486	18,446	16,911	14,784	16,771
Total catch (Tonnes)		151	173	249	260	199	253
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breems	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408	1	1	1	1	1	1
Black pomfret	3410	4	5	8	8	6	8
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604	50	62	96	101	72	97
Eastern little tuna	3606			1			
Narrow-barred king mackerel	3609	73	83	120	124	95	119
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						15
Miscellaneous fishes	3901	23	22	23	26	25	13
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		151	173	249	260	199	253

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-7 Spanish Mackerel Drift Gill Net

(1) Thailand

Sub-area: Indian Ocean

Units of fishing effort		Month					
		July	August	September	October	November	December
No. of fishing units		8	7	7	8	8	8
No. of trips		1,564	1,606	1,628	1,626	1,584	1,479
No. of days		1,751	1,936	1,958	1,793	1,813	1,646
No. of hauls		1,939	2,002	2,024	1,980	1,855	1,772
No. of hours		15,006	16,500	16,368	14,755	14,381	13,381
Total catch (Tonnes)		211	227	240	234	268	241
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408	1	1	1	1	1	1
Black pomfret	3410	6	8	8	7	7	7
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604	77	87	93	88	92	81
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	100	110	118	113	121	116
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	27	21	20	25	47	36
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		211	227	240	234	268	241

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-8 Mackerel Encircling Gill Net

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		6	6	6	6	6	6
No. of trips		1,612	1,666	2,186	2,434	464	464
No. of days		1,612	1,666	2,186	2,434	464	464
No. of hauls		3,280	3,280	3,252	4,072	1,394	1,394
No. of hours		7,434	7,244	10,988	11,672	1,394	1,858
Total catch (Tonnes)		2,157	1,942	245	1,334	1,774	1,778
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402						
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410	492	436		260	341	316
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606	62	69	117	109		
Narrow-barred king mackerel	3609	1,448	1,297	128	873	1,297	1,280
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802	155	140		92	136	182
Miscellaneous fishes	3901						
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701						
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		2,157	1,942	245	1,334	1,774	1,778

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-8 Mackerel Encircling Gill Net

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		6	6	6	6	6	5
No. of trips		2,270	2,050	2,214	2,214	2,242	2,164
No. of days		2,270	2,050	2,214	2,214	2,242	2,164
No. of hauls		4,100	3,662	3,964	3,826	3,990	3,116
No. of hours		10,988	9,840	10,714	10,716	10,988	11,086
Total catch (Tonnes)		1,920	1,461	1,797	2,060	1,840	246
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breems	3310						
Drums and crockers	3313						
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410	385	381	291	335	295	
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606	92	88	95	94	102	117
Narrow-barred king mackerel	3609	1,265	900	1,269	1,442	1,299	129
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802	178	92	142	189		
Miscellaneous fishes	3901						
Trash fishes	3902						
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701					144	
Squids	5702						
Octopuses	5703						
TOTAL (Tonnes)		1,920	1,461	1,797	2,060	1,840	246

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-9 Bamboo Stake Trap

(1) Thailand

Sub-area: Gulf of Thailand

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		15	13	11	12	12	12
No. of trips		2,072	1,446	1,519	1,828	1,611	923
No. of days		1,415	928	916	1,119	1,006	642
No. of hauls		2,072	1,446	1,519	1,828	1,611	923
No. of hours							
Total catch (Tonnes)		522	296	260	174	209	116
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310		3				
Drums and crockers	3313	7	2	3			
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	13	29	23	2	7	5
Selar scads	3407						
Hardtail scad	3408	1				2	2
Black pomfret	3410						
White pomfret	3411						
Sardines	3501	78	43	4	3	14	2
Anchovies	3503	48	36	46	83	76	20
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	6	2		2	1	1
Indian mackerel	3701						
Indo-pacific mackerel	3702	48	36	47	19	15	18
Hairtails	3703	15			1	1	1
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	10	5	6	10	10	15
Trash fishes	3902	274	127	115	51	76	49
Swimming crabs	4201	7	3	4		4	2
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	4	3	3			
Squids	5702	11	7	9	3	3	1
Octopuses	5703						
TOTAL (Tonnes)		522	296	260	174	209	116

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-9 Bamboo Stake Trap

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		16	16	18	17	17	15
No. of trips		1,722	2,231	2,342	1,888	1,703	1,815
No. of days		1,220	1,791	1,900	1,335	1,163	1,233
No. of hauls		1,722	2,231	2,342	1,888	1,703	1,815
No. of hours							
Total catch (Tonnes)		285	385	459	451	416	450
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313	2	3	3	4	5	5
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	11	7	10	13	10	12
Selar scads	3407						
Hardtail scad	3408	1	3	2	1		
Black pomfret	3410						
White pomfret	3411						
Sardines	3501	5	58	52	61	57	82
Anchovies	3503	80	25	71	106	101	41
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	2	5	6	6	5	3
Indian mackerel	3701						
Indo-pacific mackerel	3702	49	43	47	48	41	46
Hairtails	3703	2	1	1	2		3
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	13	26	23	8	7	10
Trash fishes	3902	108	206	234	184	170	228
Swimming crabs	4201	3	2	2	4	4	3
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	2	1	2	3	4	4
Squids	5702	7	5	6	11	12	13
Octopuses	5703						
TOTAL (Tonnes)		285	385	459	451	416	450

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-10 Engine Boat Push Net

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		23	21	21	20	21	20
No. of trips		5,680	5,690	6,358	5,851	6,259	6,655
No. of days		5,680	5,671	6,339	5,830	6,240	6,634
No. of hauls		29,384	30,456	33,223	31,381	32,301	34,225
No. of hours		58,142	55,772	61,796	59,467	64,445	65,421
Total catch (Tonnes)		1,879	1,987	1,972	1,926	2,303	2,407
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301	2					4
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306	2	2	3	2	3	8
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313	10	13	11	8	16	25
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						151
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	32	38	36	36	37	67
Trash fishes	3902	821	839	815	815	1,117	1,031
Swimming crabs	4201	32	44	46	37	41	38
Mangrove crab	4202	1	1	1			2
Slipper lobsters	4302						
Tiger prawn	4501	3	3	1	4	2	2
Panaeid prawns	4502	91	71	94	69	92	66
Other prawns	4503	855	916	907	917	957	922
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	16	33	27	25	25	48
Squids	5702	8	23	19	8	4	26
Octopuses	5703	6	4	12	5	9	17
TOTAL (Tonnes)		1,879	1,987	1,972	1,926	2,303	2,407

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-10 Engine Boat Push Net

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		22	18	18	19	17	21
No. of trips		6,874	5,708	6,228	6,139	5,890	5,926
No. of days		6,856	5,687	6,205	6,117	5,890	5,906
No. of hauls		38,269	29,638	34,822	35,723	35,804	33,026
No. of hours		69,438	55,283	60,556	60,362	54,180	58,184
Total catch (Tonnes)		2,305	2,139	2,165	2,480	2,640	2,095
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301			3	1	1	2
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306	5	8	2	7	8	9
Red snappers	3307						
Treadfin breems	3310						
Drums and crockers	3313	14	27	14	11	32	18
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503	166	80			32	33
Wolf herring	3505		59				
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	75	86	85	74	134	77
Trash fishes	3902	1,017	745	953	1,298	1,668	1,040
Swimming crabs	4201	40	38	56	44	46	30
Mangrove crab	4202	1	3	3	2	1	1
Slipper lobsters	4302						
Tiger prawn	4501	2	1	1	1	3	2
Panaeid prawns	4502	63	188	60	80	94	111
Other prawns	4503	871	859	944	909	557	719
Miscellaneous	4701					1	1
Scallops	5501						
Cuttlefishes	5701	30	20	23	25	34	26
Squids	5702	10	12	8	14	13	15
Octopuses	5703	11	13	13	14	16	11
TOTAL (Tonnes)		2,305	2,139	2,165	2,480	2,640	2,095

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-10 Engine Boat Push Net

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		18	16	16	16	17	15
No. of trips		4,336	4,317	4,847	4,595	5,082	4,924
No. of days		4,336	4,298	4,828	4,574	5,063	4,903
No. of hauls		23,686	23,960	26,433	26,024	27,238	27,157
No. of hours		45,349	42,957	47,706	46,774	52,317	48,010
Total catch (Tonnes)		1,624	1,752	1,662	1,642	1,975	2,002
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301	2					4
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313						7
Big-eyes snappers	3316						
Barracudas	3402						
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						151
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	9	14	12	9	9	25
Trash fishes	3902	666	710	613	639	913	801
Swimming crabs	4201	25	38	36	30	35	29
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501	2	2		3		
Panaeid prawns	4502	81	56	84	57	79	50
Other prawns	4503	822	884	870	877	912	864
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	10	28	22	18	19	39
Squids	5702	4	19	16	7	3	23
Octopuses	5703	3	1	9	2	5	9
TOTAL (Tonnes)		1,624	1,752	1,662	1,642	1,975	2,002

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-10 Engine Boat Push Net

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		17	13	14	14	12	16
No. of trips		5,300	4,101	4,694	4,382	3,879	4,317
No. of days		5,282	4,080	4,671	4,360	3,879	4,297
No. of hauls		30,401	21,767	27,016	27,351	26,520	25,392
No. of hours		54,153	39,582	44,873	44,008	34,956	42,740
Total catch (Tonnes)		1,888	1,720	1,710	1,692	1,367	1,315
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301			3	1		1
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Grouper	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313	3	9	2		1	1
Big-eyes snappers	3316						
Barracudas	3402						
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503	166	80			32	33
Wolf herring	3505		59				
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	48	56	55	46	48	10
Trash fishes	3902	736	504	675	706	755	539
Swimming crabs	4201	35	32	52	38	39	23
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502	47	170	39	50	28	46
Other prawns	4503	826	782	853	811	427	631
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	17	10	15	18	19	16
Squids	5702	9	11	8	13	11	10
Octopuses	5703	1	7	8	9	7	5
TOTAL (Tonnes)		1,888	1,720	1,710	1,692	1,367	1,315

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-10 Engine Boat Push Net

(1) Thailand

Sub-area: Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		5	5	5	4	4	5
No. of trips		1,344	1,373	1,511	1,256	1,177	1,731
No. of days		1,344	1,373	1,511	1,256	1,177	1,731
No. of hauls		5,698	6,496	6,790	5,357	5,063	7,068
No. of hours		12,793	12,815	14,090	12,693	12,128	17,411
Total catch (Tonnes)		255	235	310	284	328	405
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306	2	2	3	2	3	8
Red snappers	3307						
Treadfin breems	3310						
Drums and crockers	3313	10	13	11	8	16	18
Big-eyes snappers	3316						
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	23	24	24	27	28	42
Trash fishes	3902	155	129	202	176	204	230
Swimming crabs	4201	7	6	10	7	6	9
Mangrove crab	4202	1	1	1			2
Slipper lobsters	4302						
Tiger prawn	4501	1	1	1	1	2	2
Panaeid prawns	4502	10	15	10	12	13	16
Other prawns	4503	33	32	37	40	45	58
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	6	5	5	7	6	9
Squids	5702	4	4	3	1	1	3
Octopuses	5703	3	3	3	3	4	8
TOTAL (Tonnes)		255	235	310	284	328	405

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-10 Engine Boat Push Net

(1) Thailand

Sub-area: Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		5	5	4	5	5	5
No. of trips		1,574	1,607	1,534	1,757	2,011	1,609
No. of days		1,574	1,607	1,534	1,757	2,011	1,609
No. of hauls		7,868	7,871	7,806	8,372	9,284	7,634
No. of hours		15,285	15,701	15,683	16,354	19,224	15,444
Total catch (Tonnes)		417	419	455	788	1,273	780
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301					1	1
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Grouper	3305						
Sillago whiting	3306	5	8	2	7	8	9
Red snappers	3307						
Treadfin breams	3310						
Drums and crockers	3313	11	18	12	11	31	17
Big-eyes snappers	3316						
Barracudas	3402						
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	27	30	30	28	86	67
Trash fishes	3902	281	241	278	592	913	501
Swimming crabs	4201	5	6	4	6	7	7
Mangrove crab	4202	1	3	3	2	1	1
Slipper lobsters	4302						
Tiger prawn	4501	2	1	1	1	3	2
Panaeid prawns	4502	16	18	21	30	66	65
Other prawns	4503	45	77	91	98	130	88
Miscellaneous	4701					1	1
Scallops	5501						
Cuttlefishes	5701	13	10	8	7	15	10
Squids	5702	1	1		1	2	5
Octopuses	5703	10	6	5	5	9	6
TOTAL (Tonnes)		417	419	455	788	1,273	780

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: West Coast of Peninsular

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		40,494	43,551	47,803	51,861	48,120	46,829
Species (group)	Code No.	January	February	March	April	May	June
Shads	2401	818	578	537	550	753	648
Barramundi	2501	6	8	5	7	5	11
Flounders	3101	16	16	14	19	27	29
Tongue soles	3103	284	207	206	190	223	213
Marine catfishes	3301	496	395	403	460	532	397
Catfish eels	3302	65	66	72	83	93	103
Lizard fishes	3303	491	389	842	680	527	683
Sharp-toothed p. & c. eels	3304	201	150	152	172	181	127
Groupers	3305	130	141	141	138	156	162
Sillago whiting	3306	71	86	68	78	106	120
Red snappers	3307	24	24	31	31	40	32
Other snappers	3308	46	28	48	86	94	53
Fusiliers	3309	3	3	3	5	11	10
Threadfin breams	3310	823	782	1,353	1,549	1,376	1,572
Pony fishes	3311	15	12	7	7	6	6
Grunters and sweetlips	3312	30	33	25	21	53	24
Drums and croakers	3313	942	913	838	1,111	1,028	1,097
Goatfishes	3314	131	88	170	123	111	192
Rabbitfishes	3319	12	5	2	14	8	6
Other species	3320	11	17	17	22	17	14
Barracudas	3402	41	63	54	56	96	86
Mulletts	3403	225	127	117	127	139	107
Threadfins	3404	136	81	84	76	75	83
Round scads	3405	834	870	772	1,071	806	607
Jack, cavalla, trevallies	3406	59	65	62	92	87	93
Selar scads	3407	652	583	869	847	913	847
Hardtail scad	3408	998	489	642	801	1,242	1,540
Queenfishes	3409	34	16	15	21	61	33
Black pomfret	3410	631	498	475	359	367	446
Other species	3412	8	3	8	3	4	8
Sardines	3501	338	209	199	224	286	382
Anchovies	3503	1,279	1,142	1,144	1,490	1,213	997
Clupeoids	3504	2	1				
Wolf herring	3505	187	140	173	171	151	164
Eastern little tuna	3606	86	104	333	439	502	232
Swordfishes, sail. & marl.	3608						1
King mackerels	3610	341	266	315	342	228	265
Indian mackerels	3701	5,566	12,534	12,272	13,357	11,642	10,516
Hairtails	3703	398	114	124	109	171	265
Sharks	3801	62	56	60	62	109	93
Rays	3802	374	362	369	412	446	472
Miscellaneous fishes	3901	937	1,061	1,538	1,761	1,471	1,419
Trash fishes	3902	14,104	13,406	15,682	16,521	15,106	13,975
Mangrove crab	4202	351	362	370	386	396	380
Spiny lobsters	4301	2	1	2	2	2	2
Tiger prawn	4501	16	8	7	10	7	8
Penaeid prawns	4502	901	842	901	864	932	849
Other prawns	4503	4,682	4,363	3,633	4,201	3,894	4,496
Clams and cone shell	5602	663	263	732	830	892	1,138
Cuttlefishes	5701	418	514	915	463	540	562
Squids	5702	1,234	1,003	966	1,006	851	987
Octopuses	5703	24	27	36	50	57	51
Miscellaneous m. molluscs	5801	296	37		362	87	226
TOTAL (Tonnes)		40,494	43,551	47,803	51,861	48,120	46,829

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: West Coast of Peninsular

		Month					
		July	August	September	October	November	December
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		45,564	40,480	40,554	44,089	40,067	39,406
Species (group)	Code No.	July	August	September	October	November	December
Shads	2401	777	848	909	950	669	965
Barramundi	2501	6	7	5	5	11	6
Flounders	3101	35	35	45	24	25	35
Tongue soles	3103	251	172	293	156	235	168
Marine catfishes	3301	391	376	441	455	393	392
Catfish eels	3302	127	90	84	97	111	95
Lizard fishes	3303	368	374	456	507	377	249
Sharp-toothed p. & c. eels	3304	127	113	140	123	101	164
Groupers	3305	138	153	132	118	103	81
Sillago whiting	3306	87	61	92	99	95	87
Red snappers	3307	29	18	27	32	25	24
Other snappers	3308	73	56	73	89	62	203
Fusiliers	3309	6	3	2	5	3	3
Threadfin breams	3310	1,313	898	947	1,313	856	509
Pony fishes	3311	6	10	4	9	6	7
Grunters and sweetlips	3312	24	34	19	28	32	31
Drums and croakers	3313	993	896	1,039	840	861	1,032
Goatfishes	3314	90	89	113	150	98	80
Rabbitfishes	3319	5	9	6	13	4	7
Other species	3320	14	10	11	8	17	8
Barracudas	3402	76	51	69	88	84	52
Mulletts	3403	100	153	326	375	570	816
Threadfins	3404	112	98	117	114	103	121
Round scads	3405	582	756	1,028	931	983	1,152
Jack, cavalla, trevallies	3406	109	112	221	180	296	141
Selar scads	3407	959	856	806	876	826	958
Hardtail scad	3408	1,658	1,344	1,158	1,344	1,176	772
Queenfishes	3409	25	16	18	22	37	26
Black pomfret	3410	661	606	849	672	616	568
Other species	3412	4	9	5	5	7	6
Sardines	3501	169	282	347	371	337	397
Anchovies	3503	1,130	1,079	865	1,073	1,259	1,058
Clupeoids	3504	1	1			1	1
Wolf herring	3505	143	150	151	174	143	155
Eastern little tuna	3606	667	223	341	344	184	272
Swordfishes, sail. & marl.	3608			2			
King mackerels	3610	346	254	358	318	367	367
Indian mackerels	3701	9,800	5,780	5,219	5,118	4,491	4,708
Hairtails	3703	301	451	129	485	152	200
Sharks	3801	120	92	75	71	92	70
Rays	3802	361	332	455	382	342	363
Miscellaneous fishes	3901	1,137	1,016	944	1,030	952	674
Trash fishes	3902	13,415	13,461	13,831	13,332	12,865	12,576
Mangrove crab	4202	373	348	370	284	314	292
Spiny lobsters	4301	1	2	1	2	1	2
Tiger prawn	4501	11	12	13	10	6	11
Penaeid prawns	4502	1,000	858	888	737	718	857
Other prawns	4503	4,364	4,315	3,975	4,175	4,582	5,057
Clams and cone shell	5602	981	854	1,211	4,117	2,074	1,520
Cuttlefishes	5701	559	696	618	518	707	633
Squids	5702	1,056	1,493	1,111	1,513	1,607	1,378
Octopuses	5703	32	67	41	37	29	25
Miscellaneous m. molluscs	5801	451	461	172	370	62	32
TOTAL (Tonnes)		45,564	40,480	40,554	44,089	40,067	39,406

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: East Coast of Peninsular

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		14,836	15,835	21,031	26,052	24,287	28,476
Species (group)	Code No.	January	February	March	April	May	June
Shads	2401	18	32	26	70	54	37
Barramundi	2501	1			1		
Flounders	3101	29	30	42	39	25	33
Tongue soles	3103	35	35	25	27	20	19
Marine catfishes	3301	144	171	185	238	197	237
Catfish eels	3302		1	2		2	1
Lizard fishes	3303	57	148	141	172	92	88
Sharp-toothed p. & c. eels	3304	10	10	27	15	10	12
Groupers	3305	38	74	78	82	98	71
Sillago whiting	3306	87	119	104	47	40	42
Red snappers	3307	104	142	161	193	128	99
Other snappers	3308	198	276	247	334	326	281
Fusiliers	3309	1	4	10	19	18	22
Threadfin breams	3310	575	795	1,006	1,031	992	993
Pony fishes	3311	31	47	63	93	95	291
Grunters and sweetlips	3312	7	8	30	8	12	11
Drums and croakers	3313	119	155	149	152	168	192
Goatfishes	3314	136	162	207	302	144	223
Rabbitfishes	3319	14	18	14	24	29	18
Other species	3320	33	58	58	66	60	71
Barracudas	3402	46	43	68	81	51	60
Mulletts	3403	5	2	3	3	2	7
Threadfins	3404	1	4	3	7	11	5
Round scads	3405	1,648	1,264	1,862	2,359	1,688	2,012
Jack, cavalla, trevallies	3406	90	111	126	170	182	162
Selar scads	3407	1,245	1,411	2,078	2,594	1,893	2,071
Hardtail scad	3408	184	119	379	223	192	265
Queenfishes	3409	2	3	19	14	6	6
Black pomfret	3410	14	19	18	20	22	26
Other species	3412	16	22	23	30	30	28
Sardines	3501	394	761	1,562	2,436	1,811	2,109
Anchovies	3503	23	54	253	270	587	585
Clupeoids	3504						
Wolf herring	3505	40	56	72	93	103	162
Eastern little tuna	3606	239	222	525	605	579	802
Swordfishes, sail. & marl.	3608	4	1	5			
King mackerels	3610	144	178	254	218	217	221
Indian mackerels	3701	354	428	628	868	1,168	1,135
Hairtails	3703	108	231	152	146	140	133
Sharks	3801	58	77	118	118	108	170
Rays	3802	246	258	486	399	413	536
Miscellaneous fishes	3901	637	646	781	1,103	775	731
Trash fishes	3902	5,851	5,677	6,453	8,607	9,714	12,544
Mangrove crab	4202	68	96	87	92	135	180
Spiny lobsters	4301	41	41	45	44	43	39
Tiger prawn	4501	13	23	3	2	4	6
Penaeid prawns	4502	380	332	202	182	91	58
Other prawns	4503	499	582	362	153	65	68
Clams and cone shell	5602			3	1		1
Cuttlefishes	5701	397	433	434	475	472	664
Squids	5702	451	448	1,450	1,822	1,273	941
Octopuses	5703	1	8	2	2	2	6
Miscellaneous m. molluscs	5801						
TOTAL (Tonnes)		14,836	15,835	21,031	26,052	24,287	28,476

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: East Coast of Peninsular

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		27,778	31,875	32,574	33,130	20,311	14,461
Species (group)	Code No.	July	August	September	October	November	December
Shads	2401	19	13	30	26	20	50
Barramundi	2501	1	1	2		2	
Flounders	3101	37	41	51	41	29	29
Tongue soles	3103	27	34	18	24	34	35
Marine catfishes	3301	194	216	274	348	192	137
Catfish eels	3302						
Lizard fishes	3303	143	319	254	260	137	80
Sharp-toothed p. & c. eels	3304	7	6	10	11	14	12
Groupers	3305	147	122	90	87	44	38
Sillago whiting	3306	78	36	48	52	53	147
Red snappers	3307	95	137	168	137	113	99
Other snappers	3308	275	346	375	394	260	203
Fusiliers	3309	20	20	17	37		6
Threadfin breams	3310	1,130	1,310	1,216	1,318	862	584
Pony fishes	3311	160	111	79	76	45	29
Grunters and sweetlips	3312	8	9	14	12	8	6
Drums and croakers	3313	137	158	178	194	160	106
Goatfishes	3314	199	441	401	405	195	106
Rabbitfishes	3319	26	27	24	33	11	12
Other species	3320	56	69	71	75	56	34
Barracudas	3402	58	81	96	98	58	44
Mulletts	3403	2	5	3	4	4	14
Threadfins	3404	5	2	4	4	4	
Round scads	3405	2,626	4,067	3,935	4,874	1,955	1,108
Jack, cavalla, trevallies	3406	143	166	318	178	99	94
Selar scads	3407	2,957	2,796	3,527	3,186	2,219	1,307
Hardtail scad	3408	165	201	475	355	71	68
Queenfishes	3409	5	4	9	30	13	3
Black pomfret	3410	31	25	33	24	18	17
Other species	3412	14	15	28	31	19	13
Sardines	3501	1,111	922	1,102	2,322	867	97
Anchovies	3503	485	441	665	1,304	255	2
Clupeoids	3504	1		3	2		
Wolf herring	3505	133	134	139	136	72	48
Eastern little tuna	3606	1,047	707	847	811	313	200
Swordfishes, sail. & marl.	3608			245	1		3
King mackerels	3610	182	354	377	305	137	155
Indian mackerels	3701	1,176	1,411	2,327	1,748	659	173
Hairtails	3703	109	143	82	125	42	34
Sharks	3801	139	154	159	128	79	77
Rays	3802	592	609	607	625	358	305
Miscellaneous fishes	3901	833	1,090	1,103	1,194	848	730
Trash fishes	3902	11,211	12,825	10,335	9,184	8,385	6,479
Mangrove crab	4202	191	170	146	183	156	106
Spiny lobsters	4301	38	61	67	51	47	37
Tiger prawn	4501	9	10	7	8	19	9
Penaeid prawns	4502	46	45	42	68	193	373
Other prawns	4503	191	344	919	1,058	328	589
Clams and cone shell	5602		1		1	1	
Cuttlefishes	5701	661	655	627	637	423	405
Squids	5702	851	1,006	982	886	410	257
Octopuses	5703	7	15	45	39	24	1
Miscellaneous m. molluscs	5801						
TOTAL (Tonnes)		27,778	31,875	32,574	33,130	20,311	14,461

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: Sabah

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		11,870	11,939	12,362	13,658	16,433	14,197
Species (group)	Code No.	January	February	March	April	May	June
Shads	2401	128	111	85	111	128	210
Barramundi	2501	108	93	102	93	71	80
Flounders	3101	53	58	47	61	45	56
Tongue soles	3103			1			
Marine catfishes	3301	202	296	231	239	250	274
Catfish eels	3302	70	79	68	72	60	63
Lizard fishes	3303	44	40	32	97	113	117
Sharp-toothed p. & c. eels	3304	44	47	46	48	45	50
Groupers	3305	191	211	208	267	352	329
Sillago whiting	3306	5	4	4	4	2	2
Red snappers	3307	216	190	179	240	297	224
Other snappers	3308	365	380	377	468	581	677
Fusiliers	3309	46	66	82	97	75	126
Threadfin breams	3310	310	449	391	398	685	500
Pony fishes	3311	53	53	48	59	61	51
Grunters and sweetlips	3312	31	34	21	23	25	20
Drums and croakers	3313	85	88	89	122	109	107
Goatfishes	3314	61	70	83	114	52	34
Rabbitfishes	3319	37	44	36	51	42	38
Other species	3320	5	6	11	13	19	60
Barracudas	3402	194	184	151	226	233	208
Mullets	3403	124	146	123	130	108	161
Threadfins	3404	170	163	190	179	189	150
Round scads	3405	1,004	1,125	1,560	1,485	1,474	1,479
Jack, cavalla, trevallies	3406	247	253	213	333	326	294
Selar scads	3407	247	216	245	285	303	239
Hardtail scad	3408	130	132	170	136	158	126
Queenfishes	3409	111	143	113	156	146	145
Black pomfret	3410	105	117	96	146	113	124
Other species	3412						
Sardines	3501	1,266	915	1,220	1,126	1,506	1,184
Anchovies	3503	353	156	145	170	223	207
Clupeoids	3504	6	4	4	17	7	35
Wolf herring	3505	2		2	2	4	
Eastern little tuna	3606	1,030	1,454	987	1,220	1,572	1,015
Swordfishes, sail. & marl.	3608	13	39	8	12	14	7
King mackerels	3610	442	334	409	451	398	490
Indian mackerels	3701	605	453	846	758	907	709
Hairtails	3703	24	33	10	16	16	21
Sharks	3801	184	183	194	217	224	260
Rays	3802	147	238	228	224	261	256
Miscellaneous fishes	3901	740	565	775	754	879	753
Trash fishes	3902	808	866	705	1,076	1,293	1,227
Mangrove crab	4202	263	274	281	288	304	309
Spiny lobsters	4301	2	1	2	2	5	6
Tiger prawn	4501	21	27	25	27	26	24
Penaeid prawns	4502	544	462	526	553	540	636
Other prawns	4503	425	495	362	387	423	417
Clams and cone shell	5602	54	50	62	67	51	50
Cuttlefishes	5701	131	135	122	123	137	138
Squids	5702	382	432	422	477	394	439
Octopuses	5703	36	22	21	22	27	41
Miscellaneous m. molluscs	5801	6	3	4	16	1,180	29
TOTAL (Tonnes)		11,870	11,939	12,362	13,658	16,433	14,197

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: Sabah

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		13,233	13,713	14,788	15,298	14,686	14,285
Species (group)	Code No.	July	August	September	October	November	December
Shads	2401	143	154	161	176	164	129
Barramundi	2501	76	92	96	122	95	90
Flounders	3101	66	64	63	65	72	69
Tongue soles	3103	1		1			
Marine catfishes	3301	204	266	255	299	220	269
Catfish eels	3302	56	89	59	99	73	85
Lizard fishes	3303	124	115	72	82	90	76
Sharp-toothed p. & c. eels	3304	52	63	68	67	85	82
Groupers	3305	326	328	364	298	350	356
Sillago whiting	3306	1	6	3	4	4	6
Red snappers	3307	223	312	291	300	272	348
Other snappers	3308	527	622	533	550	608	554
Fusiliers	3309	100	90	70	58	57	76
Threadfin breams	3310	492	507	473	384	377	342
Pony fishes	3311	67	74	66	90	60	85
Grunters and sweetlips	3312	20	38	41	35	33	42
Drums and croakers	3313	118	100	134	130	157	182
Goatfishes	3314	70	51	31	53	55	17
Rabbitfishes	3319	53	35	56	53	57	35
Other species	3320	61	50	37	14	40	15
Barracudas	3402	203	213	233	221	247	277
Mulletts	3403	105	161	154	191	176	129
Threadfins	3404	186	225	194	213	189	221
Round scads	3405	954	1,138	1,328	1,362	953	922
Jack, cavalla, trevallies	3406	314	278	295	289	310	269
Selar scads	3407	255	297	302	196	201	168
Hardtail scad	3408	108	142	121	144	144	113
Queenfishes	3409	151	153	148	188	189	303
Black pomfret	3410	129	104	141	112	92	127
Other species	3412						
Sardines	3501	1,221	1,225	1,902	1,969	2,039	1,531
Anchovies	3503	218	286	300	314	359	387
Clupeoids	3504	9	4	3	7	7	9
Wolf herring	3505	2			1	2	1
Eastern little tuna	3606	911	792	864	1,343	1,347	1,399
Swordfishes, sail. & marl.	3608	6	4	14	9	11	5
King mackerels	3610	347	388	430	424	414	475
Indian mackerels	3701	734	601	753	678	913	582
Hairtails	3703	68	85	33	48	58	49
Sharks	3801	276	363	463	257	216	339
Rays	3802	316	305	275	376	202	165
Miscellaneous fishes	3901	694	685	677	597	673	749
Trash fishes	3902	1,381	1,189	1,209	1,291	1,075	1,231
Mangrove crab	4202	277	334	308	338	376	343
Spiny lobsters	4301	2	2	4	6	5	5
Tiger prawn	4501	20	20	20	21	22	24
Penaeid prawns	4502	569	651	727	666	652	608
Other prawns	4503	363	361	464	439	396	413
Clams and cone shell	5602	56	54	33	75	39	53
Cuttlefishes	5701	135	173	141	122	112	124
Squids	5702	402	397	334	450	326	363
Octopuses	5703	22	14	32	64	62	21
Miscellaneous m. molluscs	5801	19	13	12	8	10	22
TOTAL (Tonnes)		13,233	13,713	14,788	15,298	14,686	14,285

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: Sarawak

		Month					
		January	February	March	April	May	June
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		4,720	6,336	9,813	10,642	9,790	8,934
Species (group)	Code No.	January	February	March	April	May	June
Shads	2401	51	128	217	450	459	358
Barramundi	2501				7	38	20
Flounders	3101	12	16	31	40	31	62
Tongue soles	3103	14	27	12	15	13	11
Marine catfishes	3301	73	111	304	317	361	322
Catfish eels	3302		1	1	8	6	4
Lizard fishes	3303						
Sharp-toothed p. & c. eels	3304	20	59	75	102	77	64
Groupers	3305	3	14	34	17	40	56
Sillago whiting	3306						
Red snappers	3307	18	35	78	91	116	83
Other snappers	3308	4	11	35	15	40	55
Fusiliers	3309						
Threadfin breems	3310	24	19	47	57	52	73
Pony fishes	3311	7	6	8	9	12	3
Grunters and sweetlips	3312	1	1	3	11	12	5
Drums and croakers	3313	59	152	369	369	186	218
Goatfishes	3314	29	36	56	352	407	481
Rabbitfishes	3319						
Other species	3320	21	27	58	43	40	62
Barracudas	3402	3	3	19	36	19	39
Mullets	3403	6	5	31	21	27	11
Threadfins	3404	11	20	71	94	93	51
Round scads	3405	15	21	73	9	15	49
Jack, cavalla, trevallies	3406	16	23	43	64	66	58
Selar scads	3407	62	112	131	119	151	160
Hardtail scad	3408	9	72	70	171	127	124
Queenfishes	3409	14	70	76	46	139	72
Black pomfret	3410	36	131	171	216	219	160
Other species	3412						
Sardines	3501	89	116	164	179	199	172
Anchovies	3503	24	103	67	61	96	72
Clupeoids	3504						2
Wolf herring	3505	9	43	115	151	127	105
Eastern little tuna	3606	42	87	307	190	153	63
Swordfishes, sail. & marl.	3608						
King mackerels	3610	42	126	259	387	318	219
Indian mackerels	3701	117	126	192	213	238	369
Halibut	3703	7	9	35	167	195	164
Sharks	3801	60	97	237	254	328	256
Rays	3802	51	88	165	230	200	273
Miscellaneous fishes	3901	481	754	1,341	1,436	1,562	1,428
Trash fishes	3902	1,473	1,378	2,172	2,751	2,483	2,447
Mangrove crab	4202	39	34	78	62	56	54
Spiny lobsters	4301		1	1			
Tiger prawn	4501		20	1	1		
Penaeid prawns	4502	229	325	262	255	263	204
Other prawns	4503	774	994	1,679	977	569	367
Clams and cone shell	5602	4	5	5	4	4	5
Cuttlefishes	5701	8	16	17	19	14	22
Squids	5702	22	55	199	367	127	65
Octopuses	5703						
Miscellaneous m. molluscs	5801	741	859	504	259	92	46
TOTAL (Tonnes)		4,720	6,336	9,813	10,642	9,790	8,934

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: Sarawak

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		10,657	8,977	8,283	9,989	7,060	4,054
Species (group)	Code No.	July	August	September	October	November	December
Shads	2401	419	330	171	285	150	50
Barramundi	2501	4	9	14	13	5	
Flounders	3101	38	31	27	25	11	4
Tongue soles	3103	9	16	5	4	8	1
Marine catfishes	3301	377	276	273	319	216	82
Catfish eels	3302	7	3	1	10	1	1
Lizard fishes	3303						
Sharp-toothed p. & c. eels	3304	80	57	65	73	57	59
Groupers	3305	38	35	30	28	23	4
Sillago whiting	3306						
Red snappers	3307	123	121	121	102	41	7
Other snappers	3308	34	35	53	33	16	1
Fusiliers	3309			5			
Threadfin breems	3310	66	86	61	64	32	8
Pony fishes	3311	6	10			6	1
Grunters and sweetlips	3312	2	2	6	2	1	1
Drums and croakers	3313	192	192	221	198	99	54
Goatfishes	3314	650	738	572	689	262	87
Rabbitfishes	3319						
Other species	3320	83	32	53	54	30	8
Barracudas	3402	25	17	18	17	8	2
Mulletts	3403	13	15	19	24	12	10
Threadfins	3404	58	72	54	68	45	38
Round scads	3405	21	54	66	25	11	2
Jack, cavalla, trevallies	3406	69	62	55	75	21	5
Selar scads	3407	192	208	167	172	88	8
Hardtail scad	3408	123	107	116	115	35	45
Queenfishes	3409	87	95	48	104	74	8
Black pomfret	3410	191	203	134	120	66	9
Other species	3412						
Sardines	3501	213	187	198	229	160	98
Anchovies	3503	66	64	31	53	26	49
Clupeoids	3504				6		
Wolf herring	3505	101	87	64	43	32	3
Eastern little tuna	3606	231	218	187	161	99	97
Swordfishes, sail. & marl.	3608						
King mackerels	3610	460	286	195	214	108	146
Indian mackerels	3701	314	371	250	257	131	68
Hairtails	3703	224	211	102	118	18	9
Sharks	3801	369	289	239	311	225	71
Rays	3802	322	275	298	329	151	58
Miscellaneous fishes	3901	1,769	1,462	1,378	1,691	1,059	369
Trash fishes	3902	3,129	1,963	2,397	3,012	2,406	1,510
Mangrove crab	4202	29	53	32	45	45	30
Spiny lobsters	4301			1	1	1	1
Tiger prawn	4501			1	2	1	6
Penaeid prawns	4502	151	194	149	171	158	142
Other prawns	4503	258	330	281	412	371	645
Clams and cone shell	5602	4	5	6	5	4	4
Cuttlefishes	5701	26	17	13	15	10	2
Squids	5702	41	63	65	100	39	11
Octopuses	5703						
Miscellaneous m. molluscs	5801	43	96	41	195	698	240
TOTAL (Tonnes)		10,657	8,977	8,283	9,989	7,060	4,054

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: Labuan

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		1,775	1,326	2,366	1,926	2,591	2,257
Species (group)	Code No.	January	February	March	April	May	June
Shads	2401	8	4	15	11	18	9
Barramundi	2501						
Flounders	3101	13	13	16	21	32	24
Tongue soles	3103	2	1	2	1	2	3
Marine catfishes	3301	13	9	10	11	10	14
Catfish eels	3302			1		1	
Lizard fishes	3303						
Sharp-toothed p. & c. eels	3304	2	5	4	4		
Groupers	3305	40	64	40	45	56	62
Sillago whiting	3306						
Red snappers	3307	46	50	47	62	78	73
Other snappers	3308	104	123	104	121	133	162
Fusiliers	3309	31	34	30	39	49	37
Threadfin breams	3310	33	22	47	30	48	23
Pony fishes	3311	24	20	26	29	31	27
Grunters and sweetlips	3312	14	22	13	17	32	22
Drums and croakers	3313	28	18	33	28	11	21
Goatfishes	3314	16	12	17	15	19	18
Rabbitfishes	3319	33	28	31	28	31	32
Other species	3320	36	43	39	40	74	51
Barracudas	3402	24	17	23	26	37	50
Mullets	3403	7	3	4	4	7	5
Threadfins	3404	2	4	3	4	5	8
Round scads	3405	45	25	72	72	63	103
Jack, cavalla, trevallies	3406	86	80	80	81	103	118
Selar scads	3407	59	40	71	67	85	74
Hardtail scad	3408	65	57	77	92	106	193
Queenfishes	3409		2			25	13
Black pomfret	3410	35	70	51	57	67	69
Other species	3412						2
Sardines	3501	59	54	38	40	54	114
Anchovies	3503		1	12	11	7	
Clupeoids	3504						
Wolf herring	3505	9	7	10	9	17	9
Eastern little tuna	3606	217	52	558	106	260	41
Swordfishes, sail. & marl.	3608	3	2	6	5	9	
King mackerels	3610	50	41	35	72	93	69
Indian mackerels	3701	129	113	75	266	171	171
Hairtails	3703	3	3	155	7	13	
Sharks	3801	13	7	13	22	17	25
Rays	3802	7	8	35	12	15	18
Miscellaneous fishes	3901	94	88	112	124	115	89
Trash fishes	3902	275	43	296	188	518	334
Mangrove crab	4202	10	9	11	11	15	16
Spiny lobsters	4301	8	7	7	9	13	11
Tiger prawn	4501	11	8	14	13	11	11
Penaeid prawns	4502	35	26	18	32	50	25
Other prawns	4503	42	50	54	37	24	40
Clams and cone shell	5602						
Cuttlefishes	5701	22	17	28	23	45	42
Squids	5702	22	24	33	34	21	29
Octopuses	5703						
Miscellaneous m. molluscs	5801						
TOTAL (Tonnes)		1,775	1,326	2,366	1,926	2,591	2,257

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-1 Catch and Fishing Effort by Type of Fishing Gear and by Month

2-1-11 All Gear

(1) Malaysia

Sub-area: Labuan

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
Cumulative no. of fishing units							
Cumulative no. of trips							
Cumulative no. of days							
Cumulative no. of hauls							
Total catch (Tonnes)		2,291	2,227	1,718	1,629	1,551	1,598
Species (group)	Code No.	July	August	September	October	November	December
Shads	2401	7	8	8	15	15	14
Barramundi	2501						1
Flounders	3101	14	20	9	21	20	19
Tongue soles	3103	2	1	4	2	2	3
Marine catfishes	3301	10	14	6	12	9	4
Catfish eels	3302						
Lizard fishes	3303				5	6	4
Sharp-toothed p. & c. eels	3304						
Groupers	3305	69	53	46	32	33	32
Sillago whiting	3306						
Red snappers	3307	91	93	38	39	40	38
Other snappers	3308	143	112	76	114	107	110
Fusiliers	3309	45	56	29	25	24	22
Threadfin breams	3310	27	31	9	18	18	17
Pony fishes	3311	34	16	10	7	6	4
Grunters and sweetlips	3312	32	32	45	17	27	5
Drums and croakers	3313	18	13	6	10	10	8
Goatfishes	3314	13	12	14	21	21	17
Rabbitfishes	3319	18	13	17	12	12	11
Other species	3320	52	66	31	45	39	39
Barracudas	3402	45	19	17	15	15	12
Mulletts	3403	8	9	6	7	7	6
Threadfins	3404	2	2		1	1	1
Round scads	3405	99	60	46	37	35	31
Jack, cavalla, trevallies	3406	132	121	49	69	72	63
Selar scads	3407	131	102	68	86	83	72
Hardtail scad	3408	38	35	21	66	65	56
Queenfishes	3409	12	12	8	8	8	7
Black pomfret	3410	22	13	8	4	4	3
Other species	3412						
Sardines	3501	102	45	38	114	105	87
Anchovies	3503	14	7	5	8	7	8
Clupeoids	3504						
Wolf herring	3505	2					
Eastern little tuna	3606	359	21	324	62	23	258
Swordfishes, sail. & marl.	3608		15		3	3	3
King mackerels	3610	85	47	48	29	33	29
Indian mackerels	3701	157	162	131	193	185	154
Hairtails	3703						
Sharks	3801	27	11	10	11	12	10
Rays	3802	8	10	11	18	15	13
Miscellaneous fishes	3901	79	601	268	220	212	183
Trash fishes	3902	292	247	221	212	206	188
Mangrove crab	4202	10	5	5	6	6	5
Spiny lobsters	4301	6	4	7	3	3	2
Tiger prawn	4501	6	4	4	3	4	2
Penaeid prawns	4502	28	11	20	3	3	3
Other prawns	4503	18	39	30	22	22	27
Clams and cone shell	5602						
Cuttlefishes	5701	12	44	10	13	12	10
Squids	5702	22	41	15	21	21	17
Octopuses	5703						
Miscellaneous m. molluscs	5801						
TOTAL (Tonnes)		2,291	2,227	1,718	1,629	1,551	1,598

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

(1) Thailand	Less than 14 meters
	14 – 18 meters
	18 – 25 meters
	More than 25 meters

Gulf of Thailand	Less than 14 meters
	14 – 18 meters
	18 – 25 meters
	More than 25 meters

Indian Ocean	Less than 14 metes
	14 –18 meters
	18 –25 meters
	More than 25 meters

2-2-2 Pair Trawl

(1) Thailand	Less than 14 meters
	14 – 18 meters
	18 – 25 meters

Gulf of Thailand	Less than 14 meters
	14 – 18 meters
	18 – 25 meters

Indian Ocean	Less than 14 metes
	14 –18 meters
	18 –25 meters

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: Less than 14 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		49	54	49	42	45	43
No. of trips		25,395	22,469	26,069	22,442	25,814	24,851
No. of days		30,456	29,513	33,747	30,956	33,899	33,457
No. of hauls		91,369	85,473	99,511	92,965	103,213	100,803
No. of hours		364,594	338,490	450,986	384,905	424,929	414,313
Total catch (Tonnes)		11,498	10,381	13,776	14,857	16,031	16,535
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	64	53	54	60	79	95
Tongue soles	3103	85	72	86	100	97	144
Marine catfishes	3301	1	3	4	13	9	6
Lizard fishes	3303	26	17	18	40	39	44
Sharp-toothed p. & c. eel	3304	7	6	4	4	8	6
Groupers	3305	5	8	3	9	6	6
Sillago whiting	3306	17	13	24	26	18	26
Red snappers	3307		4	1	3	3	4
Treadfin breams	3310	136	49	144	177	163	222
Drums and crockers	3313	152	121	153	171	194	258
Big-eyes snappers	3316	44	53	80	84	105	92
Barracudas	3402	57	57	91	61	114	99
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	6	9	27	12	16	6
Selar scads	3407		4				
Hardtail scad	3408						
Black pomfret	3410		3	1		3	2
White pomfret	3411		2				
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	46	50	54	47	60	82
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	18	16	16	21	19	14
Indian mackerel	3701	1		5	12	11	10
Indo-pacific mackerel	3702	40	21	33	51	43	30
Hairtails	3703	67	60	76	71	92	106
Sharks	3801	6	3	8	7	8	12
Rays	3802	10	8	10	19	57	17
Miscellaneous fishes	3901	605	431	611	630	899	491
Trash fishes	3902	6,090	5,830	7,960	8,880	8,827	9,484
Swimming crabs	4201	150	129	165	188	190	172
Mangrove crab	4202						
Slipper lobsters	4302			1		30	
Tiger prawn	4501	23	11	16	16	17	10
Panaeid prawns	4502	282	245	325	226	272	213
Other prawns	4503	2,833	2,506	3,080	3,230	3,795	3,856
Miscellaneous	4701	75	50	47	51	83	98
Scallops	5501	30	6	2	7	8	7
Cuttlefishes	5701	281	232	235	195	239	325
Squids	5702	176	156	187	297	331	343
Octopuses	5703	165	153	255	149	196	255
TOTAL (Tonnes)		11,498	10,381	13,776	14,857	16,031	16,535

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: Less than 14 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Sub-area		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		46	45	45	46	44	45
No. of trips		23,411	23,564	25,265	24,130	17,710	17,684
No. of days		31,094	29,995	31,465	31,005	28,187	25,539
No. of hauls		91,847	88,835	97,700	94,273	83,338	79,419
No. of hours		380,912	365,309	397,690	374,217	337,813	317,675
Total catch (Tonnes)		14,025	13,290	14,980	14,476	15,484	10,907
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	97	70	108	83	93	94
Tongue soles	3103	107	114	115	107	123	117
Marine catfishes	3301	6	8	9		11	12
Lizard fishes	3303	32	25	11	46	50	26
Sharp-toothed p. & c. eel	3304	4					4
Groupers	3305	3	6	4	4	3	6
Sillago whiting	3306	15	37	42	30	46	42
Red snappers	3307						
Treadfin breams	3310	119	151	111	162	286	149
Drums and crockers	3313	226	212	256	187	260	271
Big-eyes snappers	3316	81	52	31	86	92	79
Barracudas	3402	101	80	89	119	105	112
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	32	3	22	5	7	7
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410	3	1	1	2	3	4
White pomfret	3411	2					2
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	71	77	97	60	111	84
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	6	5	11	26	26	27
Indian mackerel	3701	5	5	6		8	9
Indo-pacific mackerel	3702	29	26	36	25	26	41
Hairtails	3703	79	66	89	71	93	96
Sharks	3801	10	8	7	12	11	7
Rays	3802	24	16	17	57	28	18
Miscellaneous fishes	3901	481	598	682	401	721	460
Trash fishes	3902	7,772	7,258	8,863	7,874	8,931	6,623
Swimming crabs	4201	182	168	180	181	166	115
Mangrove crab	4202						
Slipper lobsters	4302			25			
Tiger prawn	4501	14	18	17	13	14	31
Panaeid prawns	4502	186	202	268	206	251	284
Other prawns	4503	3,290	3,139	2,861	3,722	3,089	1,238
Miscellaneous	4701	108	84	100	109	118	100
Scallops	5501	59	37	17			
Cuttlefishes	5701	396	290	313	288	248	378
Squids	5702	291	350	287	259	291	269
Octopuses	5703	194	184	305	341	273	202
TOTAL (Tonnes)		14,025	13,290	14,980	14,476	15,484	10,907

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 14 - 18 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		38	40	41	41	41	40
No. of trips		3,164	3,252	3,461	3,269	3,317	3,449
No. of days		39,891	41,643	44,183	41,684	41,972	45,437
No. of hauls		119,362	133,745	129,619	121,061	141,591	150,256
No. of hours		605,677	663,013	614,773	574,774	679,246	725,253
Total catch (Tonnes)		31,573	34,189	38,585	36,410	39,177	39,981
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	126	69	189	71	89	255
Tongue soles	3103	487	364	567	574	608	497
Marine catfishes	3301	71	155	136	160	190	167
Lizard fishes	3303	792	1,114	735	935	918	1,287
Sharp-toothed p. & c. eel	3304	97	196	245	82	105	66
Groupers	3305	277	153	375	287	321	291
Sillago whiting	3306	149	63	99	89	202	186
Red snappers	3307	223	187	364	241	367	394
Treadfin breams	3310	1,443	1,625	2,057	1,846	2,163	2,189
Drums and crockers	3313	442	407	446	418	534	485
Big-eyes snappers	3316	2,091	2,096	1,400	2,183	1,285	2,032
Barracudas	3402	183	154	266	181	214	219
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	314	321	399	422	440	368
Selar scads	3407	131	86	94	97	70	91
Hardtail scad	3408						4
Black pomfret	3410	56	62	82	80	73	87
White pomfret	3411	21	38	35	36	57	53
Sardines	3501						
Anchovies	3503	264	133	128	163	225	192
Wolf herring	3505	200	257	307	311	368	310
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	126	123	122	95	134	160
Indian mackerel	3701	279	244	341	348	258	288
Indo-pacific mackerel	3702	110	178	251	106	253	395
Hairtails	3703	74	94	99	81	128	165
Sharks	3801	78	109	98	103	109	109
Rays	3802	217	207	183	178	181	211
Miscellaneous fishes	3901	1,959	1,490	2,232	1,689	2,130	2,477
Trash fishes	3902	17,548	20,593	22,607	21,432	22,768	22,268
Swimming crabs	4201	327	380	417	328	467	499
Mangrove crab	4202						
Slipper lobsters	4302	20	28	28	38	41	45
Tiger prawn	4501	6	5	23	19	74	59
Panaeid prawns	4502	205	286	366	409	428	448
Other prawns	4503	606	650	902	923	1,051	862
Miscellaneous	4701	107	53	158	123	117	220
Scallops	5501	2	19	3	23	2	30
Cuttlefishes	5701	1,022	873	1,090	925	1,071	947
Squids	5702	1,205	1,053	1,422	1,007	1,358	1,145
Octopuses	5703	315	324	319	407	378	480
TOTAL (Tonnes)		31,573	34,189	38,585	36,410	39,177	39,981

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 14 - 18 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		39	41	40	39	43	41
No. of trips		3,134	2,930	3,007	2,830	3,530	2,789
No. of days		44,176	38,990	39,720	41,851	40,891	38,944
No. of hauls		153,804	125,243	126,009	133,940	134,868	130,626
No. of hours		726,869	618,478	599,490	654,589	649,533	631,554
Total catch (Tonnes)		36,829	30,815	32,413	33,262	34,474	30,030
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	112	55	70	106	90	152
Tongue soles	3103	542	366	397	572	505	373
Marine catfishes	3301	182	92	121	115	99	108
Lizard fishes	3303	560	1,022	724	1,104	625	426
Sharp-toothed p. & c. eel	3304	120	67	170	50	64	130
Groupers	3305	247	191	257	209	251	263
Sillago whiting	3306	110	52	127	84	96	164
Red snappers	3307	330	335	406	361	312	271
Treadfin breams	3310	1,503	1,654	1,813	1,776	1,658	1,114
Drums and crockers	3313	470	224	315	376	526	390
Big-eyes snappers	3316	1,133	1,598	1,635	1,832	1,237	1,028
Barracudas	3402	217	168	148	176	226	246
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	418	331	328	365	319	369
Selar scads	3407	74	33	53	72	86	98
Hardtail scad	3408		3				
Black pomfret	3410	58	47	41	57	71	87
White pomfret	3411	39	30	33	80	52	49
Sardines	3501						
Anchovies	3503	127	81	163	58	78	
Wolf herring	3505	372	274	280	295	286	202
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	135	114	127	99	96	127
Indian mackerel	3701	208	138	179	244	248	247
Indo-pacific mackerel	3702	348	351	246	306	256	301
Hairtails	3703	191	66	100	123	124	157
Sharks	3801	135	132	77	84	77	138
Rays	3802	243	158	185	146	164	192
Miscellaneous fishes	3901	1,523	1,494	1,683	2,347	1,637	1,682
Trash fishes	3902	22,772	18,138	18,514	17,683	20,317	17,846
Swimming crabs	4201	439	386	346	499	397	424
Mangrove crab	4202						
Slipper lobsters	4302	12	14	11	65	3	10
Tiger prawn	4501	71	13	25	30	76	85
Panaeid prawns	4502	375	198	704	857	423	411
Other prawns	4503	986	661	754	520	1,638	684
Miscellaneous	4701	148	80	99	108	108	107
Scallops	5501	68	37	32			
Cuttlefishes	5701	921	863	885	850	886	780
Squids	5702	1,196	1,074	1,038	1,234	1,157	1,000
Octopuses	5703	444	275	327	379	286	369
TOTAL (Tonnes)		36,829	30,815	32,413	33,262	34,474	30,030

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		24	24	23	24	23	23
No. of trips		1,808	1,748	1,749	1,679	1,883	1,884
No. of days		35,024	34,798	33,114	33,538	36,278	35,536
No. of hauls		91,654	89,715	87,562	88,881	101,360	93,082
No. of hours		449,049	443,805	419,912	426,731	485,938	463,391
Total catch (Tonnes)		51,482	55,673	57,513	52,740	56,633	49,713
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	87	72	101	66	92	85
Tongue soles	3103	314	285	406	282	441	323
Marine catfishes	3301	226	225	256	186	217	195
Lizard fishes	3303	1,978	2,966	2,390	1,938	2,017	2,745
Sharp-toothed p. & c. eel	3304	193	200	301	202	223	147
Groupers	3305	374	277	208	173	221	257
Sillago whiting	3306	235	118	108	241	268	299
Red snappers	3307	575	545	586	474	564	521
Treadfin breams	3310	3,889	4,603	5,128	4,033	4,843	4,359
Drums and crockers	3313	604	674	857	455	735	446
Big-eyes snappers	3316	3,574	3,994	3,462	3,281	3,588	2,997
Barracudas	3402	344	345	415	989	408	407
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	318	389	364	371	460	312
Selar scads	3407	105	83	44	95	56	17
Hardtail scad	3408						18
Black pomfret	3410	127	88	97	108	129	27
White pomfret	3411	27	42	80	49	51	29
Sardines	3501						
Anchovies	3503	189	185	124	223	281	275
Wolf herring	3505	667	552	487	594	767	498
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	376	331	210	223	268	278
Indian mackerel	3701	368	454	275	275	249	199
Indo-pacific mackerel	3702	847	1,011	1,068	948	926	775
Hairtails	3703	168	134	162	149	138	204
Sharks	3801	226	153	197	147	192	190
Rays	3802	403	271	257	336	389	300
Miscellaneous fishes	3901	2,709	2,338	2,932	2,454	2,670	2,393
Trash fishes	3902	26,636	29,382	30,810	28,700	30,202	25,512
Swimming crabs	4201	195	198	216	193	229	190
Mangrove crab	4202						
Slipper lobsters	4302	125	110	106	91	103	92
Tiger prawn	4501	2	12	31	19	21	25
Panaeid prawns	4502	96	94	146	119	138	146
Other prawns	4503	644	842	732	709	881	810
Miscellaneous	4701	121	84	101	234	95	109
Scallops	5501		32	13	1	9	
Cuttlefishes	5701	2,275	2,157	2,331	2,134	2,340	2,222
Squids	5702	1,979	1,961	2,125	1,975	2,102	1,943
Octopuses	5703	486	466	387	273	320	368
TOTAL (Tonnes)		51,482	55,673	57,513	52,740	56,633	49,713

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		23	23	21	23	26	25
No. of trips		1,885	1,816	1,769	1,884	1,545	1,364
No. of days		37,489	37,421	33,172	35,939	31,080	27,864
No. of hauls		104,457	100,149	91,407	95,233	83,115	75,356
No. of hours		495,966	484,928	436,755	459,624	422,963	372,884
Total catch (Tonnes)		56,549	58,542	56,380	56,460	41,412	40,717
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	107	94	125	178	124	130
Tongue soles	3103	434	264	622	324	310	306
Marine catfishes	3301	241	582	258	186	220	154
Lizard fishes	3303	2,122	2,930	1,764	2,622	1,760	1,935
Sharp-toothed p. & c. eel	3304	273	166	240	163	177	134
Groupers	3305	279	167	239	226	186	119
Sillago whiting	3306	128	216	157	159	417	198
Red snappers	3307	414	476	481	551	376	338
Treadfin breams	3310	4,355	9,601	4,651	4,466	3,053	3,007
Drums and crockers	3313	633	494	588	750	570	518
Big-eyes snappers	3316	3,314	3,462	3,565	4,017	2,429	2,892
Barracudas	3402	456	298	352	377	291	440
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	487	359	447	283	314	244
Selar scads	3407	82	79	111	54	72	33
Hardtail scad	3408		19				
Black pomfret	3410	104	104	98	96	120	76
White pomfret	3411	65	42	56	35	66	97
Sardines	3501						
Anchovies	3503	194	262	214	229	281	89
Wolf herring	3505	723	489	683	564	554	433
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	266	248	221	237	207	241
Indian mackerel	3701	326	426	404	345	321	390
Indo-pacific mackerel	3702	1,104	1,402	997	1,532	874	1,006
Hairtails	3703	315	195	183	192	195	227
Sharks	3801	253	186	188	308	235	251
Rays	3802	494	306	712	332	349	260
Miscellaneous fishes	3901	2,957	2,634	2,816	3,118	2,258	2,174
Trash fishes	3902	29,682	27,179	30,083	29,042	20,568	20,411
Swimming crabs	4201	230	217	171	222	233	171
Mangrove crab	4202						
Slipper lobsters	4302	108	90	68	121	68	61
Tiger prawn	4501	32	28	23	1	77	26
Panaeid prawns	4502	192	146	158	78	262	122
Other prawns	4503	901	745	996	720	801	560
Miscellaneous	4701	151	72	244	162	54	168
Scallops	5501	1					20
Cuttlefishes	5701	2,539	2,177	2,253	2,291	1,651	1,537
Squids	5702	2,062	2,016	1,721	1,921	1,507	1,500
Octopuses	5703	525	371	491	558	432	449
TOTAL (Tonnes)		56,549	58,542	56,380	56,460	41,412	40,717

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: More than 25 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Units of fishing effort		Month					
		January	February	March	April	May	June
No. of fishing units		7	6	11	6	10	10
No. of trips		229	280	283	288	342	291
No. of days		6,678	7,131	9,508	8,252	9,865	9,371
No. of hauls		21,762	22,238	30,980	25,483	31,182	33,729
No. of hours		87,399	108,638	134,433	124,605	142,670	137,686
Total catch (Tonnes)		11,483	11,134	17,567	11,853	15,384	14,655
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102		24	24	31	29	
Tongue soles	3103				10	4	
Marine catfishes	3301	20		28		9	28
Lizard fishes	3303	3,605	689	4,795	635	3,100	4,566
Sharp-toothed p. & c. eel	3304						
Groupers	3305	49	396	166	297	183	115
Sillago whiting	3306						
Red snappers	3307	139	447	294	437	111	353
Treadfin breems	3310	455	665	956	605	875	641
Drums and crockers	3313	35	317	315	317	324	27
Big-eyes snappers	3316	144	114	83	113	159	189
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	59	48	49	58	79	71
Selar scads	3407	9	48	5	64	60	8
Hardtail scad	3408						
Black pomfret	3410	20	32	84	64	58	34
White pomfret	3411		66	38	51	71	
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	53	38	79	38	39	71
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	46	104	160	107	122	56
Indian mackerel	3701	7	12	1	15	14	9
Indo-pacific mackerel	3702	69	22	66	32	64	81
Hairtails	3703	343	699	996	687	768	462
Sharks	3801	1	53	23	59	36	12
Rays	3802	168		174		127	216
Miscellaneous fishes	3901	3,565	1,485	5,368	1,797	3,683	4,542
Trash fishes	3902	1,892	4,760	2,326	5,234	4,165	2,019
Swimming crabs	4201	18	34	5	39	25	22
Mangrove crab	4202						
Slipper lobsters	4302	41	9	62	11	35	60
Tiger prawn	4501						
Panaeid prawns	4502	24	186	164	168	198	33
Other prawns	4503	72	182	150	247	199	108
Miscellaneous	4701	28	3	38	2	23	37
Scallops	5501	7	14	8	14	16	11
Cuttlefishes	5701	465	289	651	263	398	613
Squids	5702	75	347	352	401	305	156
Octopuses	5703	74	51	107	57	105	115
TOTAL (Tonnes)		11,483	11,134	17,567	11,853	15,384	14,655

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: More than 25 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		6	10	11	11	10	11
No. of trips		342	280	286	150	153	171
No. of days		8,992	9,230	8,866	4,810	4,974	4,324
No. of hauls		32,755	24,047	30,527	14,503	15,410	13,528
No. of hours		146,697	129,147	130,042	67,839	75,228	65,515
Total catch (Tonnes)		12,338	16,397	15,322	6,866	9,230	7,753
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	12	15	14	24	36	26
Tongue soles	3103	6					
Marine catfishes	3301		35	12		1	1
Lizard fishes	3303	764	4,767	4,770	147	713	219
Sharp-toothed p. & c. eel	3304						
Groupers	3305	350	153	160	127	277	217
Sillago whiting	3306						
Red snappers	3307	540	271	241	289	487	391
Treadfin breams	3310	560	822	825	497	676	543
Drums and crockers	3313	222	110	173	225	188	300
Big-eyes snappers	3316	222	99	106	14	15	18
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	121	56	71	6	7	8
Selar scads	3407	62	5	8	3	4	4
Hardtail scad	3408						
Black pomfret	3410	15	60	47	84	61	77
White pomfret	3411	26	34	19	19	72	55
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	35	72	73	37	33	38
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	91	90	94	78	71	110
Indian mackerel	3701	9	4	5	1	1	
Indo-pacific mackerel	3702	72	75	57	5	6	7
Hairtails	3703	392	828	505	714	933	640
Sharks	3801	47	25	17	49	34	48
Rays	3802		219	208	6	9	10
Miscellaneous fishes	3901	1,474	5,159	4,565	1,615	1,457	1,671
Trash fishes	3902	5,957	2,073	2,050	2,194	3,111	2,372
Swimming crabs	4201	55	14	15	9	15	13
Mangrove crab	4202						
Slipper lobsters	4302	10	64	67	8	15	14
Tiger prawn	4501						
Panaeid prawns	4502	146	164	95	146	250	191
Other prawns	4503	264	130	130	104	131	117
Miscellaneous	4701	10	38	56	2	3	4
Scallops	5501	33	11	10	1	1	3
Cuttlefishes	5701	372	642	586	134	265	226
Squids	5702	394	255	233	300	325	401
Octopuses	5703	77	107	110	28	33	29
TOTAL (Tonnes)		12,338	16,397	15,322	6,866	9,230	7,753

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area: Gulf of Thailand

Sub-area		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		44	48	43	37	40	37
No. of trips		24,087	21,206	24,508	21,704	25,033	23,169
No. of days		27,208	25,915	29,275	27,216	29,948	28,602
No. of hauls		80,950	73,913	85,000	80,465	89,938	84,891
No. of hours		318,867	288,346	388,048	326,241	363,746	344,804
Total catch (Tonnes)		8,912	7,418	9,755	10,143	10,963	11,021
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102		2				
Tongue soles	3103	12	9	16	16	17	12
Marine catfishes	3301	1	1	2	3		
Lizard fishes	3303	13	13	18	30	33	35
Sharp-toothed p. & c. eel	3304						
Groupers	3305		3		1		
Sillago whiting	3306	4	3	8	5	6	13
Red snappers	3307		4				
Treadfin breams	3310	113	46	126	149	123	198
Drums and crockers	3313	26	14	21	26	29	27
Big-eyes snappers	3316	44	53	80	84	105	92
Barracudas	3402	2	4	9	7	33	12
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	6	9	24	8	11	4
Selar scads	3407		4				
Hardtail scad	3408						
Black pomfret	3410		3	1		1	1
White pomfret	3411		2				
Sardines	3501						
Anchovies	3503						
Wolf herring	3505		3		1	3	4
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	6	4	5	6	5	6
Indian mackerel	3701	1					
Indo-pacific mackerel	3702	40	20	26	39	34	22
Hairtails	3703	2	4	3	3	4	2
Sharks	3801	6	3	8	7	8	11
Rays	3802	9	5	7	15	54	13
Miscellaneous fishes	3901	515	352	515	507	743	384
Trash fishes	3902	4,481	3,778	4,987	5,339	5,130	5,661
Swimming crabs	4201	142	121	156	163	173	148
Mangrove crab	4202						
Slipper lobsters	4302					30	
Tiger prawn	4501	19	7	13	13	13	6
Panaeid prawns	4502	224	184	280	165	197	163
Other prawns	4503	2,757	2,416	2,997	3,126	3,682	3,738
Miscellaneous	4701	42	6	5	7	25	1
Scallops	5501	30	6	2	7	8	7
Cuttlefishes	5701	192	149	140	114	131	129
Squids	5702	101	79	103	202	222	156
Octopuses	5703	124	111	203	100	143	176
TOTAL (Tonnes)		8,912	7,418	9,755	10,143	10,963	11,021

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area: Gulf of Thailand

Sub-area		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		40	39	39	40	38	39
No. of trips		21,883	22,002	23,473	22,692	16,066	16,030
No. of days		26,960	25,861	27,101	27,006	23,207	20,578
No. of hauls		78,951	75,974	81,715	81,871	67,131	63,296
No. of hours		325,777	310,372	328,698	323,396	267,958	248,270
Total catch (Tonnes)		10,147	9,094	9,469	11,145	9,793	5,392
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103	14	12	6	14	12	15
Marine catfishes	3301						
Lizard fishes	3303	27	19		28	43	18
Sharp-toothed p. & c. eel	3304						
Groupers	3305					1	1
Sillago whiting	3306	4	3	4	7	3	2
Red snappers	3307						
Treadfin breams	3310	107	133	82	159	246	110
Drums and crockers	3313	18	29	25	24	20	22
Big-eyes snappers	3316	81	52	31	86	92	79
Barracudas	3402	13	7		10	8	9
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	31	3	22	5	7	7
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410	1	1		1	1	1
White pomfret	3411						2
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	1		2			
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	5	5	5	5	4	5
Indian mackerel	3701						
Indo-pacific mackerel	3702	25	23	29	25	19	33
Hairtails	3703	3	2	2	1	2	3
Sharks	3801	10	8	7	12	11	7
Rays	3802	20	11	7	53	16	11
Miscellaneous fishes	3901	424	514	593	349	630	380
Trash fishes	3902	5,288	4,461	5,111	5,877	4,990	2,976
Swimming crabs	4201	169	157	163	171	142	98
Mangrove crab	4202						
Slipper lobsters	4302			25			
Tiger prawn	4501	11	9	10	10	9	12
Panaeid prawns	4502	157	154	200	177	172	134
Other prawns	4503	3,216	3,044	2,718	3,672	2,983	1,106
Miscellaneous	4701	22					1
Scallops	5501	59	37	17			
Cuttlefishes	5701	212	113	109	124	76	170
Squids	5702	114	183	93	110	130	76
Octopuses	5703	115	114	208	225	176	114
TOTAL (Tonnes)		10,147	9,094	9,469	11,145	9,793	5,392

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 14 - 18 meters

(1) Thailand

Sub-area: Gulf of Thailand

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		33	33	34	34	34	34
No. of trips		2,386	2,463	2,596	2,500	2,499	2,759
No. of days		34,548	34,842	36,443	34,424	34,135	38,340
No. of hauls		102,295	109,253	102,166	94,618	113,657	124,630
No. of hours		495,964	544,593	484,722	446,213	546,984	605,010
Total catch (Tonnes)		25,450	25,523	27,403	26,218	26,766	28,397
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	93	40	145	37	34	183
Tongue soles	3103	443	343	507	531	555	381
Marine catfishes	3301	71	96	80	81	88	87
Lizard fishes	3303	744	1,057	674	866	818	1,203
Sharp-toothed p. & c. eel	3304	97	178	225	61	84	45
Groupers	3305	257	110	335	195	228	213
Sillago whiting	3306	130	33	19	26	113	108
Red snappers	3307	205	132	295	177	275	302
Treadfin breams	3310	1,255	1,387	1,576	1,388	1,577	1,644
Drums and crockers	3313	134	131	80	83	78	78
Big-eyes snappers	3316	2,038	2,057	1,296	2,064	1,184	1,917
Barracudas	3402	58	39	56	46	49	62
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	297	275	256	295	326	292
Selar scads	3407	131	80	83	78	55	70
Hardtail scad	3408						4
Black pomfret	3410	55	52	66	57	57	60
White pomfret	3411	21	15	16	17	21	20
Sardines	3501						
Anchovies	3503	264	133	128	163	225	192
Wolf herring	3505	153	223	237	250	271	227
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	107	104	92	69	91	116
Indian mackerel	3701	279	244	220	244	143	171
Indo-pacific mackerel	3702	110	140	167	32	150	298
Hairtails	3703	41	64	44	38	29	57
Sharks	3801	75	82	66	66	81	79
Rays	3802	154	148	120	107	115	136
Miscellaneous fishes	3901	1,521	1,075	1,660	1,063	1,337	1,874
Trash fishes	3902	13,782	14,573	15,636	15,275	15,630	15,666
Swimming crabs	4201	307	338	363	267	373	414
Mangrove crab	4202						
Slipper lobsters	4302	20	23	17	23	13	14
Tiger prawn	4501	6	5	7	2	5	9
Panaeid prawns	4502	186	210	227	208	189	218
Other prawns	4503	429	365	502	439	484	428
Miscellaneous	4701	63	28	125	103	81	80
Scallops	5501	2	19	3	23	2	30
Cuttlefishes	5701	777	668	788	766	786	567
Squids	5702	854	775	1,010	707	909	798
Octopuses	5703	291	281	282	371	310	354
TOTAL (Tonnes)		25,450	25,523	27,403	26,218	26,766	28,397

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 14 - 18 meters

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		32	34	33	34	34	34
No. of trips		2,274	2,402	2,415	2,476	2,521	2,020
No. of days		35,685	34,663	34,742	38,162	31,860	31,540
No. of hauls		123,276	110,436	108,662	121,557	102,916	104,280
No. of hours		581,910	548,668	516,700	600,154	497,200	507,128
Total catch (Tonnes)		24,771	25,553	26,038	27,513	22,640	19,443
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	30	36	29	44	23	20
Tongue soles	3103	437	330	341	503	432	289
Marine catfishes	3301	79	87	108	76	36	37
Lizard fishes	3303	472	967	682	1,085	538	337
Sharp-toothed p. & c. eel	3304	90	66	167	44	33	89
Groupers	3305	185	170	231	175	167	183
Sillago whiting	3306	26	20	80	36	7	79
Red snappers	3307	261	317	377	337	232	213
Treadfin breams	3310	996	1,515	1,521	1,421	1,080	692
Drums and crockers	3313	72	51	64	69	74	58
Big-eyes snappers	3316	1,006	1,531	1,522	1,705	1,072	868
Barracudas	3402	31	51	37	41	37	42
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	344	298	269	322	216	277
Selar scads	3407	38	33	53	72	86	63
Hardtail scad	3408		3				
Black pomfret	3410	38	42	35	40	42	52
White pomfret	3411	15	17	21	63	16	24
Sardines	3501						
Anchovies	3503	127	81	163	58	78	
Wolf herring	3505	257	199	261	237	198	158
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	82	102	110	82	61	85
Indian mackerel	3701	111	116	129	202	143	139
Indo-pacific mackerel	3702	261	336	206	259	146	195
Hairtails	3703	45	34	41	50	32	44
Sharks	3801	30	90	73	70	42	20
Rays	3802	142	117	127	99	101	79
Miscellaneous fishes	3901	974	1,175	1,316	1,199	1,002	1,186
Trash fishes	3902	15,586	15,001	14,861	15,659	13,457	12,168
Swimming crabs	4201	360	361	319	471	319	350
Mangrove crab	4202						
Slipper lobsters	4302	12	14	11	65	3	7
Tiger prawn	4501	12	1	6	11	11	12
Panaeid prawns	4502	208	127	607	792	233	232
Other prawns	4503	549	409	441	308	1,101	250
Miscellaneous	4701	90	54	66	50	54	52
Scallops	5501	68	32	32			
Cuttlefishes	5701	629	674	731	593	595	364
Squids	5702	795	882	746	988	782	594
Octopuses	5703	313	214	257	287	191	185
TOTAL (Tonnes)		24,771	25,553	26,038	27,513	22,640	19,443

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		20	18	18	19	18	18
No. of trips		1,420	1,279	1,212	1,291	1,414	1,549
No. of days		27,800	25,981	24,634	26,250	27,864	30,085
No. of hauls		71,143	64,274	59,698	67,531	76,391	76,795
No. of hours		353,460	313,976	287,456	321,532	367,415	382,963
Total catch (Tonnes)		39,159	39,487	40,928	39,250	42,121	40,966
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	43	47	40	32	40	39
Tongue soles	3103	227	167	260	187	308	171
Marine catfishes	3301	178	159	168	123	156	132
Lizard fishes	3303	1,806	2,426	2,160	1,718	1,764	2,345
Sharp-toothed p. & c. eel	3304	132	102	171	115	154	108
Groupers	3305	337	236	124	118	171	193
Sillago whiting	3306	201	69	29	163	202	253
Red snappers	3307	520	446	479	359	470	470
Treadfin breams	3310	3,223	3,723	4,224	3,423	4,045	3,808
Drums and crockers	3313	95	109	102	74	83	67
Big-eyes snappers	3316	2,982	3,142	2,767	2,597	2,959	2,747
Barracudas	3402	177	190	193	854	176	198
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	191	248	191	173	221	221
Selar scads	3407	99	68	36	89	44	17
Hardtail scad	3408						18
Black pomfret	3410	42	23	22	23	47	27
White pomfret	3411	4	5	5	6	5	12
Sardines	3501						
Anchovies	3503	189	185	124	223	272	275
Wolf herring	3505	499	354	313	434	567	348
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	317	250	113	132	169	236
Indian mackerel	3701	174	233	64	70	85	152
Indo-pacific mackerel	3702	376	207	337	242	361	624
Hairtails	3703	118	106	97	100	78	97
Sharks	3801	179	114	124	107	116	110
Rays	3802	320	199	183	262	304	195
Miscellaneous fishes	3901	2,117	1,564	1,980	1,712	1,773	1,955
Trash fishes	3902	20,263	20,824	22,351	21,689	23,050	21,508
Swimming crabs	4201	180	160	161	165	185	149
Mangrove crab	4202						
Slipper lobsters	4302	125	103	95	85	92	85
Tiger prawn	4501	2			1	1	1
Panaeid prawns	4502	61	31	47	51	54	67
Other prawns	4503	420	386	396	418	538	486
Miscellaneous	4701	62	38	30	66	45	52
Scallops	5501		32	8	1	6	
Cuttlefishes	5701	1,731	1,744	1,678	1,761	1,774	1,895
Squids	5702	1,431	1,500	1,544	1,470	1,585	1,635
Octopuses	5703	338	297	312	207	221	289
TOTAL (Tonnes)		39,159	39,487	40,928	39,250	42,121	40,966

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		18	18	16	19	20	20
No. of trips		1,348	1,414	1,327	1,482	1,070	930
No. of days		27,326	29,748	24,990	28,603	21,791	20,000
No. of hauls		72,757	77,198	66,934	74,638	53,226	51,889
No. of hours		343,791	371,589	315,717	359,473	274,711	261,551
Total catch (Tonnes)		39,799	44,518	41,544	42,295	25,812	26,809
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	42	27	64	53	24	23
Tongue soles	3103	263	129	414	192	158	145
Marine catfishes	3301	126	507	180	140	80	104
Lizard fishes	3303	1,686	2,548	1,556	2,229	1,568	1,590
Sharp-toothed p. & c. eel	3304	186	84	129	99	63	60
Groupers	3305	197	108	171	200	93	72
Sillago whiting	3306	49	153	103	135	332	152
Red snappers	3307	308	386	360	462	233	257
Treadfin breams	3310	3,531	8,880	3,823	3,676	2,232	2,187
Drums and crockers	3313	49	77	151	106	60	88
Big-eyes snappers	3316	2,420	2,675	2,878	3,130	1,812	2,105
Barracudas	3402	186	162	208	177	112	171
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	315	222	298	204	110	138
Selar scads	3407	71	79	99	34	43	20
Hardtail scad	3408		19				
Black pomfret	3410	29	16	26	22	37	65
White pomfret	3411	7	5	12	15	11	20
Sardines	3501						
Anchovies	3503	194	262	214	229	281	89
Wolf herring	3505	466	333	471	374	343	241
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	178	134	119	161	91	144
Indian mackerel	3701	99	177	126	148	121	205
Indo-pacific mackerel	3702	376	573	380	637	234	384
Hairtails	3703	207	108	96	106	82	75
Sharks	3801	96	127	129	163	106	108
Rays	3802	309	212	627	215	171	96
Miscellaneous fishes	3901	2,072	1,877	1,948	2,325	1,274	1,371
Trash fishes	3902	21,891	20,405	22,703	22,615	13,048	14,195
Swimming crabs	4201	177	183	133	207	161	131
Mangrove crab	4202						
Slipper lobsters	4302	83	83	60	121	68	61
Tiger prawn	4501	1	1	1	1	2	
Panaeid prawns	4502	51	43	60	46	46	19
Other prawns	4503	449	381	640	479	306	251
Miscellaneous	4701	45	9	178	13	12	28
Scallops	5501	1					20
Cuttlefishes	5701	1,867	1,774	1,710	1,812	1,158	980
Squids	5702	1,539	1,568	1,232	1,443	1,113	1,010
Octopuses	5703	233	191	245	326	227	204
TOTAL (Tonnes)		39,799	44,518	41,544	42,295	25,812	26,809

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: More than 25 meters

(1) Thailand

Sub-area: Gulf of Thailand

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		6	4	8	4	7	7
No. of trips		154	148	151	156	210	159
No. of days		4,868	2,316	5,075	4,313	5,910	5,161
No. of hauls		16,333	7,793	17,337	13,666	19,089	17,544
No. of hours		65,684	36,410	69,654	65,520	85,525	70,372
Total catch (Tonnes)		9,384	2,845	9,694	4,227	8,053	9,665
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103				10	4	
Marine catfishes	3301	20		25		7	26
Lizard fishes	3303	3,469	163	3,727	160	2,233	3,585
Sharp-toothed p. & c. eel	3304						
Groupers	3305	49	68	52	88	87	48
Sillago whiting	3306						
Red snappers	3307	52	45	59	71	60	64
Treadfin breams	3310	396	71	431	100	308	420
Drums and crockers	3313	11	38	6	53	37	8
Big-eyes snappers	3316	69	114	73	113	149	93
Barracudas	3402						
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	40	48	45	58	76	43
Selar scads	3407	9	48	5	64	60	8
Hardtail scad	3408						
Black pomfret	3410	20		27		8	31
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	38	3	55	3	25	46
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	38	10	43	13	32	41
Indian mackerel	3701	1	12	1	15	14	
Indo-pacific mackerel	3702	48	22	53	32	53	57
Hairtails	3703	343	6	369	26	189	373
Sharks	3801	1	6	1	23	17	2
Rays	3802	168		124		92	174
Miscellaneous fishes	3901	3,474	193	3,431	425	1,980	3,504
Trash fishes	3902	459	1,710	410	2,566	1,943	403
Swimming crabs	4201	4	28	2	31	24	2
Mangrove crab	4202						
Slipper lobsters	4302	41		51		27	46
Tiger prawn	4501						
Panaeid prawns	4502	4	16	4	20	16	3
Other prawns	4503	53	93	59	145	130	64
Miscellaneous	4701	28	3	32	2	18	31
Scallops	5501	7	14	7	14	15	10
Cuttlefishes	5701	436	65	477	93	296	462
Squids	5702	51	44	52	62	84	51
Octopuses	5703	55	25	73	40	69	70
TOTAL (Tonnes)		9,384	2,845	9,694	4,227	8,053	9,665

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: More than 25 meters

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		3	6	7	9	8	9
No. of trips		210	148	154	18	21	39
No. of days		4,556	5,489	4,791	434	538	611
No. of hauls		17,035	10,699	16,508	1,690	2,103	2,389
No. of hours		74,131	70,247	68,427	6,978	8,694	9,823
Total catch (Tonnes)		6,505	9,860	9,410	705	881	965
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103	6					
Marine catfishes	3301		33	9		1	1
Lizard fishes	3303	249	3,683	3,791	147	175	219
Sharp-toothed p. & c. eel	3304						
Groupers	3305	123	45	51	5	8	7
Sillago whiting	3306						
Red snappers	3307	102	63	46	9	12	8
Treadfin breams	3310	164	435	422	25	35	38
Drums and crockers	3313	79	4	7	6	7	6
Big-eyes snappers	3316	186	67	73	14	15	18
Barracudas	3402						
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	112	42	53	6	7	8
Selar scads	3407	62	4	7	3	4	4
Hardtail scad	3408						
Black pomfret	3410		32	28	1	1	2
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	5	46	41	2	3	4
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	30	42	39	3	3	4
Indian mackerel	3701	6			1	1	
Indo-pacific mackerel	3702	64	52	40	5	6	7
Hairtails	3703	47	374	220	9	14	15
Sharks	3801	23	1	2	1		1
Rays	3802		184	166	6	9	10
Miscellaneous fishes	3901	632	3,753	3,286	159	198	244
Trash fishes	3902	3,908	252	381	243	317	293
Swimming crabs	4201	42	2	3	2	2	2
Mangrove crab	4202						
Slipper lobsters	4302		54	53	2	2	3
Tiger prawn	4501						
Panaeid prawns	4502	40	8	3	3	3	2
Other prawns	4503	184	57	55	10	13	13
Miscellaneous	4701	10	33	46	2	3	4
Scallops	5501	33	10	9	1	1	3
Cuttlefishes	5701	165	467	463	26	25	29
Squids	5702	173	46	61	9	10	13
Octopuses	5703	60	71	55	5	6	7
TOTAL (Tonnes)		6,505	9,860	9,410	705	881	965

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area: Indian Ocean

Sub-area		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		5	6	6	5	5	6
No. of trips		1,308	1,263	1,561	738	781	1,682
No. of days		3,248	3,598	4,472	3,740	3,951	4,855
No. of hauls		10,419	11,560	14,511	12,500	13,275	15,912
No. of hours		45,727	50,144	62,938	58,664	61,183	69,509
Total catch (Tonnes)		2,586	2,963	4,021	4,714	5,068	5,514
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	64	51	54	60	79	95
Tongue soles	3103	73	63	70	84	80	132
Marine catfishes	3301		2	2	10	9	6
Lizard fishes	3303	13	4		10	6	9
Sharp-toothed p. & c. eel	3304	7	6	4	4	8	6
Groupers	3305	5	5	3	8	6	6
Sillago whiting	3306	13	10	16	21	12	13
Red snappers	3307			1	3	3	4
Treadfin breams	3310	23	3	18	28	40	24
Drums and crockers	3313	126	107	132	145	165	231
Big-eyes snappers	3316						
Barracudas	3402	55	53	82	54	81	87
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406			3	4	5	2
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410					2	1
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	46	47	54	46	57	78
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	12	12	11	15	14	8
Indian mackerel	3701			5	12	11	10
Indo-pacific mackerel	3702		1	7	12	9	8
Hairtails	3703	65	56	73	68	88	104
Sharks	3801						1
Rays	3802	1	3	3	4	3	4
Miscellaneous fishes	3901	90	79	96	123	156	107
Trash fishes	3902	1,609	2,052	2,973	3,541	3,697	3,823
Swimming crabs	4201	8	8	9	25	17	24
Mangrove crab	4202						
Slipper lobsters	4302			1			
Tiger prawn	4501	4	4	3	3	4	4
Panaeid prawns	4502	58	61	45	61	75	50
Other prawns	4503	76	90	83	104	113	118
Miscellaneous	4701	33	44	42	44	58	97
Scallops	5501						
Cuttlefishes	5701	89	83	95	81	108	196
Squids	5702	75	77	84	95	109	187
Octopuses	5703	41	42	52	49	53	79
TOTAL (Tonnes)		2,586	2,963	4,021	4,714	5,068	5,514

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area: Indian Ocean

Sub-area		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		6	6	6	6	6	6
No. of trips		1,528	1,562	1,792	1,438	1,644	1,654
No. of days		4,134	4,134	4,364	3,999	4,980	4,961
No. of hauls		12,896	12,861	15,985	12,402	16,207	16,123
No. of hours		55,135	54,937	68,992	50,821	69,855	69,405
Total catch (Tonnes)		3,878	4,195	5,511	3,330	5,691	5,514
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	97	70	108	83	93	94
Tongue soles	3103	93	102	109	93	111	102
Marine catfishes	3301	6	8	9		11	12
Lizard fishes	3303	5	6	11	18	7	8
Sharp-toothed p. & c. eel	3304	4					4
Groupers	3305	3	6	4	4	2	5
Sillago whiting	3306	11	34	38	23	43	40
Red snappers	3307						
Treadfin breams	3310	12	18	29	3	40	39
Drums and crockers	3313	208	183	231	163	240	249
Big-eyes snappers	3316						
Barracudas	3402	88	73	89	109	97	103
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	1					
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410	2		1	1	2	3
White pomfret	3411	2					
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	70	77	95	60	111	84
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	1		6	21	22	22
Indian mackerel	3701	5	5	6		8	9
Indo-pacific mackerel	3702	4	3	7		7	8
Hairtails	3703	76	64	87	70	91	93
Sharks	3801						
Rays	3802	4	5	10	4	12	7
Miscellaneous fishes	3901	57	84	89	52	91	80
Trash fishes	3902	2,484	2,797	3,752	1,997	3,941	3,647
Swimming crabs	4201	13	11	17	10	24	17
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501	3	9	7	3	5	19
Panaeid prawns	4502	29	48	68	29	79	150
Other prawns	4503	74	95	143	50	106	132
Miscellaneous	4701	86	84	100	109	118	99
Scallops	5501						
Cuttlefishes	5701	184	176	204	163	172	207
Squids	5702	177	167	194	149	161	193
Octopuses	5703	79	70	97	116	97	88
TOTAL (Tonnes)		3,878	4,195	5,511	3,330	5,691	5,514

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 14 - 18 meters

(1) Thailand

Sub-area: Indian Ocean

Units of fishing effort		Month					
		January	February	March	April	May	June
No. of fishing units		5	7	7	7	7	6
No. of trips		778	789	865	769	818	690
No. of days		5,343	6,801	7,740	7,260	7,837	7,097
No. of hauls		17,067	24,492	27,453	26,443	27,934	25,626
No. of hours		109,713	118,420	130,051	128,561	132,262	120,243
Total catch (Tonnes)		6,123	8,666	11,182	10,192	12,411	11,584
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	33	29	44	34	55	72
Tongue soles	3103	44	21	60	43	53	116
Marine catfishes	3301		59	56	79	102	80
Lizard fishes	3303	48	57	61	69	100	84
Sharp-toothed p. & c. eel	3304		18	20	21	21	21
Groupers	3305	20	43	40	92	93	78
Sillago whiting	3306	19	30	80	63	89	78
Red snappers	3307	18	55	69	64	92	92
Treadfin breems	3310	188	238	481	458	586	545
Drums and crockers	3313	308	276	366	335	456	407
Big-eyes snappers	3316	53	39	104	119	101	115
Barracudas	3402	125	115	210	135	165	157
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	17	46	143	127	114	76
Selar scads	3407		6	11	19	15	21
Hardtail scad	3408						
Black pomfret	3410	1	10	16	23	16	27
White pomfret	3411		23	19	19	36	33
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	47	34	70	61	97	83
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	19	19	30	26	43	44
Indian mackerel	3701			121	104	115	117
Indo-pacific mackerel	3702		38	84	74	103	97
Hairtails	3703	33	30	55	43	99	108
Sharks	3801	3	27	32	37	28	30
Rays	3802	63	59	63	71	66	75
Miscellaneous fishes	3901	438	415	572	626	793	603
Trash fishes	3902	3,766	6,020	6,971	6,157	7,138	6,602
Swimming crabs	4201	20	42	54	61	94	85
Mangrove crab	4202						
Slipper lobsters	4302		5	11	15	28	31
Tiger prawn	4501			16	17	69	50
Panaeid prawns	4502	19	76	139	201	239	230
Other prawns	4503	177	285	400	484	567	434
Miscellaneous	4701	44	25	33	20	36	140
Scallops	5501						
Cuttlefishes	5701	245	205	302	159	285	380
Squids	5702	351	278	412	300	449	347
Octopuses	5703	24	43	37	36	68	126
TOTAL (Tonnes)		6,123	8,666	11,182	10,192	12,411	11,584

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 14 - 18 meters

(1) Thailand

Sub-area: Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		7	7	7	5	9	7
No. of trips		860	528	592	354	1,009	769
No. of days		8,491	4,327	4,978	3,689	9,031	7,404
No. of hauls		30,528	14,807	17,347	12,383	31,952	26,346
No. of hours		144,959	69,810	82,790	54,435	152,333	124,426
Total catch (Tonnes)		12,058	5,262	6,375	5,749	11,834	10,587
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	82	19	41	62	67	132
Tongue soles	3103	105	36	56	69	73	84
Marine catfishes	3301	103	5	15	39	63	71
Lizard fishes	3303	88	55	42	19	87	89
Sharp-toothed p. & c. eel	3304	30	1	3	6	31	41
Groupers	3305	62	21	26	34	84	80
Sillago whiting	3306	84	32	47	48	89	85
Red snappers	3307	69	18	29	24	80	58
Treadfin breems	3310	507	139	292	355	578	422
Drums and crockers	3313	398	173	251	307	452	332
Big-eyes snappers	3316	127	67	113	127	165	160
Barracudas	3402	186	117	111	135	189	204
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	74	33	59	43	103	92
Selar scads	3407	36					35
Hardtail scad	3408						
Black pomfret	3410	20	5	6	17	29	35
White pomfret	3411	24	13	12	17	36	25
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	115	75	19	58	88	44
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	53	12	17	17	35	42
Indian mackerel	3701	97	22	50	42	105	108
Indo-pacific mackerel	3702	87	15	40	47	110	106
Hairtails	3703	146	32	59	73	92	113
Sharks	3801	105	42	4	14	35	118
Rays	3802	101	41	58	47	63	113
Miscellaneous fishes	3901	549	319	367	1,148	635	496
Trash fishes	3902	7,186	3,137	3,653	2,024	6,860	5,678
Swimming crabs	4201	79	25	27	28	78	74
Mangrove crab	4202						
Slipper lobsters	4302						3
Tiger prawn	4501	59	12	19	19	65	73
Panaeid prawns	4502	167	71	97	65	190	179
Other prawns	4503	437	252	313	212	537	434
Miscellaneous	4701	58	26	33	58	54	55
Scallops	5501		5				
Cuttlefishes	5701	292	189	154	257	291	416
Squids	5702	401	192	292	246	375	406
Octopuses	5703	131	61	70	92	95	184
TOTAL (Tonnes)		12,058	5,262	6,375	5,749	11,834	10,587

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area: Indian Ocean

Units of fishing effort		Month					
		January	February	March	April	May	June
No. of fishing units		4	6	5	5	5	5
No. of trips		388	469	537	388	469	335
No. of days		7,224	8,817	8,480	7,288	8,414	5,451
No. of hauls		20,511	25,441	27,864	21,350	24,969	16,287
No. of hours		95,589	129,829	132,456	105,199	118,523	80,428
Total catch (Tonnes)		12,323	16,186	16,585	13,490	14,512	8,747
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	44	25	61	34	52	46
Tongue soles	3103	87	118	146	95	133	152
Marine catfishes	3301	48	66	88	63	61	63
Lizard fishes	3303	172	540	230	220	253	400
Sharp-toothed p. & c. eel	3304	61	98	130	87	69	39
Groupers	3305	37	41	84	55	50	64
Sillago whiting	3306	34	49	79	78	66	46
Red snappers	3307	55	99	107	115	94	51
Treadfin breams	3310	666	880	904	610	798	551
Drums and crockers	3313	509	565	755	381	652	379
Big-eyes snappers	3316	592	852	695	684	629	250
Barracudas	3402	167	155	222	135	232	209
Mullet	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	127	141	173	198	239	91
Selar scads	3407	6	15	8	6	12	
Hardtail scad	3408						
Black pomfret	3410	85	65	75	85	82	
White pomfret	3411	23	37	75	43	46	17
Sardines	3501						
Anchovies	3503					9	
Wolf herring	3505	168	198	174	160	200	150
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	59	81	97	91	99	42
Indian mackerel	3701	194	221	211	205	164	47
Indo-pacific mackerel	3702	471	804	731	706	565	151
Hairtails	3703	50	28	65	49	60	107
Sharks	3801	47	39	73	40	76	80
Rays	3802	83	72	74	74	85	105
Miscellaneous fishes	3901	592	774	952	742	897	438
Trash fishes	3902	6,373	8,558	8,459	7,011	7,152	4,003
Swimming crabs	4201	15	38	55	28	44	41
Mangrove crab	4202						
Slipper lobsters	4302		7	11	6	11	7
Tiger prawn	4501		12	31	18	20	24
Panaeid prawns	4502	35	63	99	68	84	79
Other prawns	4503	224	456	336	291	343	324
Miscellaneous	4701	59	46	71	168	50	57
Scallops	5501			5		3	
Cuttlefishes	5701	544	413	653	373	566	327
Squids	5702	548	461	581	505	517	308
Octopuses	5703	148	169	75	66	99	99
TOTAL (Tonnes)		12,323	16,186	16,585	13,490	14,512	8,747

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area: Indian Ocean

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		5	5	5	4	6	5
No. of trips		537	402	442	402	475	434
No. of days		10,163	7,673	8,182	7,336	9,289	7,864
No. of hauls		31,700	22,951	24,473	20,595	29,889	23,467
No. of hours		152,175	113,339	121,038	100,151	148,252	111,333
Total catch (Tonnes)		16,750	14,024	14,836	14,165	15,600	13,908
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	65	67	61	125	100	107
Tongue soles	3103	171	135	208	132	152	161
Marine catfishes	3301	115	75	78	46	140	50
Lizard fishes	3303	436	382	208	393	192	345
Sharp-toothed p. & c. eel	3304	87	82	111	64	114	74
Groupers	3305	82	59	68	26	93	47
Sillago whiting	3306	79	63	54	24	85	46
Red snappers	3307	106	90	121	89	143	81
Treadfin breems	3310	824	721	828	790	821	820
Drums and crockers	3313	584	417	437	644	510	430
Big-eyes snappers	3316	894	787	687	887	617	787
Barracudas	3402	270	136	144	200	179	269
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	172	137	149	79	204	106
Selar scads	3407	11		12	20	29	13
Hardtail scad	3408						
Black pomfret	3410	75	88	72	74	83	11
White pomfret	3411	58	37	44	20	55	77
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	257	156	212	190	211	192
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	88	114	102	76	116	97
Indian mackerel	3701	227	249	278	197	200	185
Indo-pacific mackerel	3702	728	829	617	895	640	622
Hairtails	3703	108	87	87	86	113	152
Sharks	3801	157	59	59	145	129	143
Rays	3802	185	94	85	117	178	164
Miscellaneous fishes	3901	885	757	868	793	984	803
Trash fishes	3902	7,791	6,774	7,380	6,427	7,520	6,216
Swimming crabs	4201	53	34	38	15	72	40
Mangrove crab	4202						
Slipper lobsters	4302	25	7	8			
Tiger prawn	4501	31	27	22		75	26
Panaeid prawns	4502	141	103	98	32	216	103
Other prawns	4503	452	364	356	241	495	309
Miscellaneous	4701	106	63	66	149	42	140
Scallops	5501						
Cuttlefishes	5701	672	403	543	479	493	557
Squids	5702	523	448	489	478	394	490
Octopuses	5703	292	180	246	232	205	245
TOTAL (Tonnes)		16,750	14,024	14,836	14,165	15,600	13,908

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: More than 25 meters

(1) Thailand

Sub-area: Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		1	2	3	2	3	3
No. of trips		75	132	132	132	132	132
No. of days		1,810	4,815	4,433	3,939	3,955	4,210
No. of hauls		5,429	14,445	13,643	11,817	12,093	16,185
No. of hours		21,715	72,228	64,779	59,085	57,145	67,314
Total catch (Tonnes)		2,099	8,289	7,873	7,626	7,331	4,990
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102		24	24	31	29	
Tongue soles	3103						
Marine catfishes	3301			3		2	2
Lizard fishes	3303	136	526	1,068	475	867	981
Sharp-toothed p. & c. eel	3304						
Groupers	3305		328	114	209	96	67
Sillago whiting	3306						
Red snappers	3307	87	402	235	366	51	289
Treadfin breams	3310	59	594	525	505	567	221
Drums and crockers	3313	24	279	309	264	287	19
Big-eyes snappers	3316	75		10		10	96
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	19		4		3	28
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410		32	57	64	50	3
White pomfret	3411		66	38	51	71	
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	15	35	24	35	14	25
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	8	94	117	94	90	15
Indian mackerel	3701	6					9
Indo-pacific mackerel	3702	21		13		11	24
Hairtails	3703		693	627	661	579	89
Sharks	3801		47	22	36	19	10
Rays	3802			50		35	42
Miscellaneous fishes	3901	91	1,292	1,937	1,372	1,703	1,038
Trash fishes	3902	1,433	3,050	1,916	2,668	2,222	1,616
Swimming crabs	4201	14	6	3	8	1	20
Mangrove crab	4202						
Slipper lobsters	4302		9	11	11	8	14
Tiger prawn	4501						
Panaeid prawns	4502	20	170	160	148	182	30
Other prawns	4503	19	89	91	102	69	44
Miscellaneous	4701			6		5	6
Scallops	5501			1		1	1
Cuttlefishes	5701	29	224	174	170	102	151
Squids	5702	24	303	300	339	221	105
Octopuses	5703	19	26	34	17	36	45
TOTAL (Tonnes)		2,099	8,289	7,873	7,626	7,331	4,990

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-1 Otter Trawl

Size of boat: More than 25 meters

(1) Thailand

Sub-area: Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		3	4	4	2	2	2
No. of trips		132	132	132	132	132	132
No. of days		4,436	3,741	4,075	4,376	4,436	3,713
No. of hauls		15,720	13,348	14,019	12,813	13,307	11,139
No. of hours		72,566	58,900	61,615	60,861	66,534	55,692
Total catch (Tonnes)		5,833	6,537	5,912	6,161	8,349	6,788
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	12	15	14	24	36	26
Tongue soles	3103						
Marine catfishes	3301		2	3			
Lizard fishes	3303	515	1,084	979		538	
Sharp-toothed p. & c. eel	3304						
Groupers	3305	227	108	109	122	269	210
Sillago whiting	3306						
Red snappers	3307	438	208	195	280	475	383
Treadfin breems	3310	396	387	403	472	641	505
Drums and crockers	3313	143	106	166	219	181	294
Big-eyes snappers	3316	36	32	33			
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	9	14	18			
Selar scads	3407		1	1			
Hardtail scad	3408						
Black pomfret	3410	15	28	19	83	60	75
White pomfret	3411	26	34	19	19	72	55
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	30	26	32	35	30	34
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	61	48	55	75	68	106
Indian mackerel	3701	3	4	5			
Indo-pacific mackerel	3702	8	23	17			
Hairtails	3703	345	454	285	705	919	625
Sharks	3801	24	24	15	48	34	47
Rays	3802		35	42			
Miscellaneous fishes	3901	842	1,406	1,279	1,456	1,259	1,427
Trash fishes	3902	2,049	1,821	1,669	1,951	2,794	2,079
Swimming crabs	4201	13	12	12	7	13	11
Mangrove crab	4202						
Slipper lobsters	4302	10	10	14	6	13	11
Tiger prawn	4501						
Panaeid prawns	4502	106	156	92	143	247	189
Other prawns	4503	80	73	75	94	118	104
Miscellaneous	4701		5	10			
Scallops	5501		1	1			
Cuttlefishes	5701	207	175	123	108	240	197
Squids	5702	221	209	172	291	315	388
Octopuses	5703	17	36	55	23	27	22
TOTAL (Tonnes)		5,833	6,537	5,912	6,161	8,349	6,788

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: Less than 14 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		4	4	4	4	4	4
No. of trips		27	23	27	25	28	22
No. of days		150	146	162	140	124	108
No. of hauls		545	581	644	556	552	438
No. of hours		1,851	1,915	2,172	1,821	1,702	1,564
Total catch (Tonnes)		130	101	129	110	129	132
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	1	1	1	1	1	4
Tongue soles	3103	3	2	3	2	3	4
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305			3			
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310	4	3	4	3	3	1
Drums and crockers	3313	10	6	8	8	9	9
Big-eyes snappers	3316	4	4	3	4	4	4
Barracudas	3402	3	2	3	3	4	4
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	1	1	1	1	1	1
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	2	1	3	2	2	4
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609					1	1
Indian mackerel	3701						
Indo-pacific mackerel	3702	1	1	2	3	1	1
Hairtails	3703	3	2	3	2	4	4
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	3	4	1	3	4	3
Trash fishes	3902	71	54	71	59	71	61
Swimming crabs	4201	1	1	1	1	1	1
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502	1					1
Other prawns	4503	2	2	2	2	2	2
Miscellaneous	4701	3	2	3	3	2	4
Scallops	5501						
Cuttlefishes	5701	8	6	7	5	7	8
Squids	5702	6	6	6	5	6	9
Octopuses	5703	3	3	4	3	3	6
TOTAL (Tonnes)		130	101	129	110	129	132

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: Less than 14 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		4	4	4	4	4	4
No. of trips		25	21	23	27	28	27
No. of days		145	161	270	152	178	158
No. of hauls		564	1,065	588	601	701	612
No. of hours		1,864	1,710	1,932	2,026	2,325	1,676
Total catch (Tonnes)		125	124	124	143	150	144
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	4	3	4	3	3	3
Tongue soles	3103	4	4	5	4	5	4
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breems	3310	1	1	1	3	3	4
Drums and crockers	3313	8	8	9	8	10	9
Big-eyes snappers	3316	3	4	4	3	3	4
Barracudas	3402	3	3	3	4	4	4
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	1	1	1	1	1	1
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	3	3	4	4	2	4
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	2	1	1	1	1	1
Indian mackerel	3701						
Indo-pacific mackerel	3702	1	2	1	1	2	1
Hairtails	3703	3	3	4	4	3	3
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	4	5	4	4	5	4
Trash fishes	3902	59	58	57	73	73	71
Swimming crabs	4201	1	2		1	2	
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501		1				
Panaeid prawns	4502	1	1	1	1	1	1
Other prawns	4503	3	3	3	3	3	3
Miscellaneous	4701	4	3	4	4	5	4
Scallops	5501						
Cuttlefishes	5701	7	7	6	9	9	10
Squids	5702	8	7	6	8	9	7
Octopuses	5703	5	4	6	4	6	6
TOTAL (Tonnes)		125	124	124	143	150	144

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 14 -18 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		16	15	11	15	15	15
No. of trips		399	319	452	412	438	464
No. of days		3,953	2,997	4,431	3,872	4,243	4,216
No. of hauls		11,475	8,554	13,236	11,074	12,014	12,531
No. of hours		104,224	37,023	52,546	47,220	49,898	80,341
Total catch (Tonnes)		6,063	4,687	6,156	6,280	6,700	6,727
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	17	11	15	18	21	35
Tongue soles	3103	35	36	46	39	39	66
Marine catfishes	3301	9	3	7	2	6	9
Lizard fishes	3303	95	116	46	87	104	105
Sharp-toothed p. & c. eel	3304	26	9	9	11	10	15
Groupers	3305	6	6	5	6	7	11
Sillago whiting	3306	17	18		22	21	33
Red snappers	3307	8	7	7	11	10	14
Treadfin breams	3310	105	71	201	160	169	161
Drums and crockers	3313	120	63	184	78	131	81
Big-eyes snappers	3316	105	68	174	188	175	193
Barracudas	3402	46	24	56	28	52	24
Mullet	3403						
Threadfins	3404					2	
Round scads	3405						
Jacks, cavalla and trevallies	3406	292	101	68	49	64	46
Selar scads	3407	22	2	37	23	85	29
Hardtail scad	3408	1	1	8	7	1	1
Black pomfret	3410	7	8	6	10	9	11
White pomfret	3411	2	7	3	4	5	6
Sardines	3501	25					
Anchovies	3503	9	3	3	27	19	13
Wolf herring	3505	29	21	35	22	35	40
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	19	9	23	14	18	16
Indian mackerel	3701	34	55	92	121	121	103
Indo-pacific mackerel	3702	211	29	130	70	98	105
Hairtails	3703	25	21	52	25	35	33
Sharks	3801	23	15	29	20	22	26
Rays	3802	26	24	38	23	31	45
Miscellaneous fishes	3901	157	57	188	229	258	358
Trash fishes	3902	3,472	3,031	3,367	3,977	4,047	3,949
Swimming crabs	4201	24	15	31	23	24	33
Mangrove crab	4202						5
Slipper lobsters	4302	4	6	4	8	6	12
Tiger prawn	4501	2	3		2	1	4
Panaeid prawns	4502	22	23	6	52	26	46
Other prawns	4503	204	219	328	228	213	345
Miscellaneous	4701	28	14	38	29	28	18
Scallops	5501			2	1	1	2
Cuttlefishes	5701	340	183	386	274	349	288
Squids	5702	413	344	406	297	365	353
Octopuses	5703	83	64	126	95	92	93
TOTAL (Tonnes)		6,063	4,687	6,156	6,280	6,700	6,727

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 14 -18 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		15	15	11	14	12	15
No. of trips		399	425	417	440	449	385
No. of days		3,978	4,123	3,743	4,165	4,227	3,514
No. of hauls		10,370	11,444	11,155	11,608	13,493	9,414
No. of hours		47,180	47,975	48,604	48,247	57,582	42,723
Total catch (Tonnes)		6,705	6,624	5,809	7,292	6,024	6,044
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	30	10	40	14	18	24
Tongue soles	3103	73	62	70	53	46	47
Marine catfishes	3301	6	9	6	2	14	5
Lizard fishes	3303	119	101	28	106	60	60
Sharp-toothed p. & c. eel	3304	7	5	6	9	8	6
Groupers	3305	8	5	7	5	5	4
Sillago whiting	3306	16	27	18	19	62	15
Red snappers	3307	9	7	2	4	19	5
Treadfin breams	3310	247	219	164	245	170	243
Drums and crockers	3313	179	129	140	186	152	176
Big-eyes snappers	3316	231	195	124	244	138	200
Barracudas	3402	100	70	89	57	62	82
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	36	37	42	33	58	28
Selar scads	3407	22	25	23	18	41	20
Hardtail scad	3408	1	1	1	3	2	1
Black pomfret	3410	6	6	7	7	8	5
White pomfret	3411	4	5	7	7	4	1
Sardines	3501						
Anchovies	3503	8	37	36	26	3	
Wolf herring	3505	58	40	58	59	36	49
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	22	15	16	18	23	18
Indian mackerel	3701	114	109	58	102	87	76
Indo-pacific mackerel	3702	89	99	109	98	136	99
Hairtails	3703	46	32	48	49	23	30
Sharks	3801	61	55	55	54	28	41
Rays	3802	71	57	55	66	34	32
Miscellaneous fishes	3901	321	313	121	222	211	218
Trash fishes	3902	3,659	3,733	3,221	4,346	3,287	3,448
Swimming crabs	4201	22	26	27	20	33	21
Mangrove crab	4202						
Slipper lobsters	4302	7	6	6	5	8	5
Tiger prawn	4501	3	3	3	3	3	2
Panaeid prawns	4502	18	22	27	23	22	19
Other prawns	4503	211	294	387	283	345	285
Miscellaneous	4701	49	32	27	44	28	50
Scallops	5501	1	1	1		2	1
Cuttlefishes	5701	339	340	368	341	367	306
Squids	5702	357	352	301	378	372	309
Octopuses	5703	155	145	111	143	109	113
TOTAL (Tonnes)		6,705	6,624	5,809	7,292	6,024	6,044

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		18	17	12	17	17	16
No. of trips		713	755	711	704	753	723
No. of days		8,110	8,510	9,344	9,039	9,164	8,900
No. of hauls		22,469	23,817	26,714	25,101	25,127	25,360
No. of hours		97,465	101,360	113,457	105,313	105,415	105,422
Total catch (Tonnes)		11,034	11,968	11,140	13,675	14,695	14,092
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	15	14	29	13	14	37
Tongue soles	3103	17	19	33	33	36	63
Marine catfishes	3301	14	20	27	31	12	27
Lizard fishes	3303	316	336	83	431	336	344
Sharp-toothed p. & c. eel	3304	10	4	6	6	8	6
Groupers	3305	3	7	15	13	14	17
Sillago whiting	3306	32	3	36	38	13	2
Red snappers	3307	3	7	11	10	9	10
Treadfin breams	3310	169	167	322	170	476	463
Drums and crockers	3313	118	118	243	141	193	164
Big-eyes snappers	3316	164	234	330	522	462	534
Barracudas	3402	50	43	117	52	78	80
Mullets	3403						
Threadfins	3404	2					
Round scads	3405						
Jacks, cavalla and trevallies	3406	502	451	247	80	103	140
Selar scads	3407	8	25	30	18	10	12
Hardtail scad	3408	16	24	37	16	23	20
Black pomfret	3410	10	20	24	19	19	23
White pomfret	3411	1		14	8	7	11
Sardines	3501						
Anchovies	3503	15	4	4	16	16	
Wolf herring	3505	18	22	44	28	47	53
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	15	20	42	30	34	35
Indian mackerel	3701	226	481	97	379	340	305
Indo-pacific mackerel	3702	280	99	125	90	85	70
Hairtails	3703	32	13	67	34	44	51
Sharks	3801	13	25	17	20	44	34
Rays	3802	13	29	31	36	50	43
Miscellaneous fishes	3901	272	394	437	882	946	925
Trash fishes	3902	7,293	7,865	7,150	9,086	9,618	9,153
Swimming crabs	4201	36	53	91	37	32	28
Mangrove crab	4202						
Slipper lobsters	4302	2	1	1		1	1
Tiger prawn	4501	5	6	7	11	4	6
Panaeid prawns	4502	11	13	23	18	13	16
Other prawns	4503	238	203	349	253	235	275
Miscellaneous	4701		2		18	29	19
Scallops	5501						
Cuttlefishes	5701	232	262	431	383	520	461
Squids	5702	825	901	519	531	644	485
Octopuses	5703	58	83	101	222	180	179
TOTAL (Tonnes)		11,034	11,968	11,140	13,675	14,695	14,092

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Area: Gulf of Thailand and Indian Ocean

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		17	17	13	17	12	16
No. of trips		730	780	824	805	640	643
No. of days		8,712	9,643	9,878	9,365	8,166	7,729
No. of hauls		23,289	25,982	29,925	26,308	26,429	21,747
No. of hours		97,383	109,192	128,860	109,796	111,994	88,222
Total catch (Tonnes)		13,940	14,105	11,625	13,508	10,529	11,833
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	46	26	23	21	29	19
Tongue soles	3103	74	74	86	62	95	64
Marine catfishes	3301	17	16	38	18	21	15
Lizard fishes	3303	289	244	80	232	82	84
Sharp-toothed p. & c. eel	3304	7	8	6	4	6	7
Groupers	3305	11	10	12	8	7	3
Sillago whiting	3306	6	5	41			5
Red snappers	3307	14	7	14	3	4	2
Treadfin breams	3310	466	518	262	442	319	429
Drums and crockers	3313	189	197	186	158	187	185
Big-eyes snappers	3316	557	502	337	430	260	488
Barracudas	3402	117	90	104	71	114	76
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	122	114	206	131	116	94
Selar scads	3407	10	11	20	3	3	
Hardtail scad	3408	18	7	28	24	25	16
Black pomfret	3410	14	15	27	16	22	10
White pomfret	3411	4	5	15	14	18	8
Sardines	3501						
Anchovies	3503	12	5		5	4	
Wolf herring	3505	91	58	54	39	56	39
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	28	25	42	31	40	27
Indian mackerel	3701	272	242	97	197	40	119
Indo-pacific mackerel	3702	64	50	132	90	128	64
Hairtails	3703	65	71	81	90	59	51
Sharks	3801	70	47	56	44	40	42
Rays	3802	83	75	64	50	69	73
Miscellaneous fishes	3901	841	854	408	574	308	589
Trash fishes	3902	8,869	9,036	7,650	9,148	6,887	7,952
Swimming crabs	4201	27	25	42	32	38	17
Mangrove crab	4202						
Slipper lobsters	4302	2	2	1	1	3	2
Tiger prawn	4501	6	4	14	4	5	6
Panaeid prawns	4502	14	17	30	20	25	16
Other prawns	4503	234	481	603	527	620	361
Miscellaneous	4701	40	42	22	28	43	56
Scallops	5501						
Cuttlefishes	5701	501	513	322	401	395	359
Squids	5702	529	491	389	420	347	415
Octopuses	5703	231	218	133	170	114	140
TOTAL (Tonnes)		13,940	14,105	11,625	13,508	10,529	11,833

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area: Gulf of Thailand

Month		January	February	March	April	May	June
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		2	2	2	2	2	2
No. of trips		14	14	14	16	15	9
No. of days		94	103	100	101	124	52
No. of hauls		329	410	402	402	496	235
No. of hours		987	1,231	1,206	1,205	1,488	752
Total catch (Tonnes)		40	41	40	43	43	34
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305			3			
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310	1	1	1	1	1	1
Drums and crockers	3313	2	2	2	2	2	1
Big-eyes snappers	3316	2	3	3	2	2	2
Barracudas	3402						
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	1	1	1	1	1	1
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702	1	1	2	3	1	1
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	3	4	1	3	4	3
Trash fishes	3902	20	20	20	24	24	16
Swimming crabs	4201	1	1	1	1	1	1
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502	1					1
Other prawns	4503	2	2	2	2	2	2
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	3	2	1	1	2	1
Squids	5702	2	2	1	2	2	2
Octopuses	5703	1	2	2	1	1	2
TOTAL (Tonnes)		40	41	40	43	43	34

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		2	2	2	2	2	2
No. of trips		14	15	14	14	15	14
No. of days		98	122	99	92	120	96
No. of hauls		393	907	419	376	479	385
No. of hours		1,180	1,077	1,257	1,128	1,436	1,154
Total catch (Tonnes)		42	55	43	42	49	44
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103						
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310	1	1	1	1	1	1
Drums and crockers	3313	1	2	2	1	2	2
Big-eyes snappers	3316	2	2	2	2	2	2
Barracudas	3402						
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	1	1	1	1	1	1
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505						
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609						
Indian mackerel	3701						
Indo-pacific mackerel	3702	1	2	1	1	2	1
Hairtails	3703						
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901	4	5	4	4	5	4
Trash fishes	3902	23	29	23	23	24	24
Swimming crabs	4201	1	2		1	2	
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501		1				
Panaeid prawns	4502	1	1	1	1	1	1
Other prawns	4503	3	3	3	3	3	3
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	1	2	1	2	2	2
Squids	5702	2	2	2	1	2	1
Octopuses	5703	1	2	2	1	2	2
TOTAL (Tonnes)		42	55	43	42	49	44

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 14 -18 meters

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		13	12	9	12	12	12
No. of trips		312	253	380	346	345	371
No. of days		3,045	2,334	3,400	3,235	3,196	3,460
No. of hauls		8,628	6,352	10,343	8,912	8,685	9,773
No. of hours		36,150	27,078	43,867	37,394	36,572	65,384
Total catch (Tonnes)		4,331	3,446	4,699	4,955	4,876	5,011
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	11	6	15	8	14	18
Tongue soles	3103	11	11	20	11	11	15
Marine catfishes	3301	9	3	7	2	6	9
Lizard fishes	3303	90	105	46	75	96	83
Sharp-toothed p. & c. eel	3304	24	6	9	4	4	5
Groupers	3305	3	2	5	2	1	3
Sillago whiting	3306	4	4		2	7	5
Red snappers	3307	8	4	7	6	6	10
Treadfin breams	3310	40	27	72	113	68	113
Drums and crockers	3313	21	8	33	27	31	36
Big-eyes snappers	3316	64	42	108	156	175	159
Barracudas	3402	10	2	10	6	6	9
Mullet	3403						
Threadfins	3404					2	
Round scads	3405						
Jacks, cavalla and trevallies	3406	292	101	68	49	64	46
Selar scads	3407	22	2	37	23	31	29
Hardtail scad	3408	1	1	8	7	1	1
Black pomfret	3410	5	3	6	5	5	4
White pomfret	3411	1	3	3	2	3	1
Sardines	3501	25					
Anchovies	3503	9	3	3	27	19	13
Wolf herring	3505	16	6	16	17	16	21
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	11	5	13	9	11	13
Indian mackerel	3701	34	55	92	121	121	103
Indo-pacific mackerel	3702	211	29	130	70	98	105
Hairtails	3703	8	7	22	9	15	8
Sharks	3801	8	5	7	6	5	6
Rays	3802	13	13	18	14	11	14
Miscellaneous fishes	3901	117	25	163	196	214	317
Trash fishes	3902	2,473	2,342	2,831	3,197	3,042	2,955
Swimming crabs	4201	20	11	31	18	21	26
Mangrove crab	4202						5
Slipper lobsters	4302	2	3	4	3	2	3
Tiger prawn	4501						
Panaeid prawns	4502	4	4	6	32	4	4
Other prawns	4503	174	184	328	197	192	273
Miscellaneous	4701	1		5	11	2	6
Scallops	5501			2	1	1	2
Cuttlefishes	5701	217	104	211	217	230	229
Squids	5702	315	287	275	238	273	292
Octopuses	5703	57	33	88	74	68	70
TOTAL (Tonnes)		4,331	3,446	4,699	4,955	4,876	5,011

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 14 -18 meters

(1) Thailand

Sub-area: Gulf of Thailand

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		12	12	8	11	9	12
No. of trips		306	345	327	341	366	292
No. of days		2,904	3,261	2,821	3,014	3,381	2,440
No. of hauls		7,108	8,712	8,081	7,971	10,642	6,842
No. of hours		34,053	36,439	34,825	33,755	44,852	29,278
Total catch (Tonnes)		4,472	4,918	3,821	4,901	4,196	3,826
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	23	7	35	10	14	20
Tongue soles	3103	13	17	24	17	17	12
Marine catfishes	3301	6	9	6	2	14	5
Lizard fishes	3303	105	93	14	95	50	56
Sharp-toothed p. & c. eel	3304	2	2	3	7	4	2
Groupers	3305	3	3	2	2	2	
Sillago whiting	3306		12		5	46	2
Red snappers	3307	7	5		2	14	2
Treadfin breams	3310	99	108	40	92	65	90
Drums and crockers	3313	20	27	30	27	39	25
Big-eyes snappers	3316	148	127	64	167	95	112
Barracudas	3402	7	8	4	4	16	7
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	36	37	42	33	58	28
Selar scads	3407	22	25	23	18	41	20
Hardtail scad	3408	1	1	1	3	2	1
Black pomfret	3410	3	3	5	5	5	4
White pomfret	3411	2	3	5	4	2	
Sardines	3501						
Anchovies	3503	8	37	36	26	3	
Wolf herring	3505	10	13	8	6	16	9
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	10	9	6	6	16	6
Indian mackerel	3701	114	109	58	102	87	76
Indo-pacific mackerel	3702	89	99	109	98	136	99
Hairtails	3703	7	6	8	7	3	
Sharks	3801	6	12	9	9	7	1
Rays	3802	12	20	15	22	16	4
Miscellaneous fishes	3901	282	282	85	176	175	182
Trash fishes	3902	2,754	2,990	2,329	3,196	2,338	2,493
Swimming crabs	4201	18	23	20	16	30	17
Mangrove crab	4202						
Slipper lobsters	4302	3	4	2	3	5	1
Tiger prawn	4501					1	
Panaeid prawns	4502	4	6	8	5	7	6
Other prawns	4503	187	270	352	261	322	264
Miscellaneous	4701	1	1	2	1	2	1
Scallops	5501	1	1	1		2	1
Cuttlefishes	5701	180	214	219	175	233	107
Squids	5702	223	248	220	233	258	135
Octopuses	5703	66	87	36	66	55	38
TOTAL (Tonnes)		4,472	4,918	3,821	4,901	4,196	3,826

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area: Gulf of Thailand

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		17	16	11	16	16	15
No. of trips		689	730	640	679	703	697
No. of days		7,729	8,132	8,274	8,686	8,434	8,640
No. of hauls		21,399	22,684	23,789	24,069	23,037	24,290
No. of hours		94,255	97,961	104,683	102,216	99,146	102,212
Total catch (Tonnes)		10,411	11,327	9,494	13,072	13,376	13,168
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	15	14	29	13	14	37
Tongue soles	3103	17	19	33	23	36	34
Marine catfishes	3301	14	20	27	31	12	27
Lizard fishes	3303	316	336	83	431	336	344
Sharp-toothed p. & c. eel	3304	10	4	6	6	8	6
Groupers	3305	3	7	15	13	14	17
Sillago whiting	3306	32	3	36	38	13	2
Red snappers	3307	3	7	11	10	9	10
Treadfin breams	3310	114	112	188	141	369	377
Drums and crockers	3313	49	40	78	85	47	68
Big-eyes snappers	3316	131	206	232	474	394	456
Barracudas	3402	17	16	37	27	24	32
Mulletts	3403						
Threadfins	3404	2					
Round scads	3405						
Jacks, cavalla and trevallies	3406	502	451	247	80	103	140
Selar scads	3407	8	25	30	18	10	12
Hardtail scad	3408	16	24	37	16	23	20
Black pomfret	3410	10	20	24	19	19	23
White pomfret	3411	1		14	8	7	11
Sardines	3501						
Anchovies	3503	15	4	4	16	16	
Wolf herring	3505	11	15	21	14	29	22
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	10	17	31	26	25	28
Indian mackerel	3701	226	481	97	379	340	305
Indo-pacific mackerel	3702	280	99	125	90	85	70
Hairtails	3703	19	5	40	24	20	22
Sharks	3801	13	17	17	12	18	13
Rays	3802	13	19	31	19	15	26
Miscellaneous fishes	3901	260	388	407	873	926	915
Trash fishes	3902	7,050	7,636	6,451	8,860	9,130	8,907
Swimming crabs	4201	21	39	50	37	32	28
Mangrove crab	4202						
Slipper lobsters	4302	2	1	1		1	1
Tiger prawn	4501	5	6	7	11	4	6
Panaeid prawns	4502	11	13	23	18	13	16
Other prawns	4503	238	203	349	253	235	275
Miscellaneous	4701		2				
Scallops	5501						
Cuttlefishes	5701	154	192	284	298	384	356
Squids	5702	778	820	350	498	523	426
Octopuses	5703	45	66	79	211	142	136
TOTAL (Tonnes)		10,411	11,327	9,494	13,072	13,376	13,168

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area: Gulf of Thailand

Units of fishing effort		Month					
		July	August	September	October	November	December
No. of fishing units		16	15	11	15	10	14
No. of trips		680	655	693	705	533	535
No. of days		7,957	8,183	8,528	8,357	6,811	6,392
No. of hauls		21,224	21,677	25,975	23,338	22,505	17,841
No. of hours		91,189	94,162	114,440	98,995	97,870	74,900
Total catch (Tonnes)		12,233	11,817	9,623	11,821	8,308	9,552
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	46	26	23	21	29	19
Tongue soles	3103	30	19	34	36	49	18
Marine catfishes	3301	17	16	38	18	21	15
Lizard fishes	3303	289	244	80	232	82	84
Sharp-toothed p. & c. eel	3304	7	8	6	4	6	7
Groupers	3305	11	10	12	8	7	3
Sillago whiting	3306	6	4	41			5
Red snappers	3307	14	7	14	3	4	2
Treadfin breams	3310	318	350	166	341	145	237
Drums and crockers	3313	53	41	59	51	37	30
Big-eyes snappers	3316	460	392	263	370	186	379
Barracudas	3402	22	12	38	21	28	11
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406	122	112	203	129	114	92
Selar scads	3407	10	11	20	3	3	
Hardtail scad	3408	18	7	28	24	25	16
Black pomfret	3410	14	14	25	14	20	8
White pomfret	3411	4	4	15	14	17	8
Sardines	3501						
Anchovies	3503	12	5		5	4	
Wolf herring	3505	15	11	26	19	21	11
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	18	17	33	24	29	15
Indian mackerel	3701	272	242	97	197	40	119
Indo-pacific mackerel	3702	64	50	132	90	128	64
Hairtails	3703	13	13	41	67	24	7
Sharks	3801	7	10	18	6	16	5
Rays	3802	25	23	27	23	32	21
Miscellaneous fishes	3901	827	837	392	564	301	571
Trash fishes	3902	8,416	8,162	6,747	8,415	5,967	7,083
Swimming crabs	4201	27	24	41	32	37	17
Mangrove crab	4202						
Slipper lobsters	4302	2	2	1	1	3	2
Tiger prawn	4501	6	4	14	4	5	6
Panaeid prawns	4502	14	14	26	16	21	14
Other prawns	4503	234	285	370	317	400	222
Miscellaneous	4701						
Scallops	5501						
Cuttlefishes	5701	329	330	204	286	231	168
Squids	5702	378	383	322	350	229	242
Octopuses	5703	133	128	67	116	47	51
TOTAL (Tonnes)		12,233	11,817	9,623	11,821	8,308	9,552

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area: Indian Ocean

Units of fishing effort		Month					
		January	February	March	April	May	June
No. of fishing units		2	2	2	2	2	2
No. of trips		13	9	13	9	13	13
No. of days		56	43	62	39	56	56
No. of hauls		216	171	242	154	56	203
No. of hours		864	684	966	616	214	812
Total catch (Tonnes)		90	60	89	67	86	98
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	1	1	1	1	1	4
Tongue soles	3103	3	2	3	2	3	4
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310	3	2	3	2	2	
Drums and crockers	3313	8	4	6	6	7	8
Big-eyes snappers	3316	2	1		2	2	2
Barracudas	3402	3	2	3	3	4	4
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	2	1	3	2	2	4
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-banded king mackerel	3609					1	1
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703	3	2	3	2	4	4
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901						
Trash fishes	3902	51	34	51	35	47	45
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701	3	2	3	3	2	4
Scallops	5501						
Cuttlefishes	5701	5	4	6	4	5	7
Squids	5702	4	4	5	3	4	7
Octopuses	5703	2	1	2	2	2	4
TOTAL (Tonnes)		90	60	89	67	86	98

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: Less than 14 meters

(1) Thailand

Sub-area: Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		2	2	2	2	2	2
No. of trips		11	6	9	13	13	13
No. of days		47	39	171	60	58	62
No. of hauls		171	158	169	225	222	227
No. of hours		684	633	675	898	889	522
Total catch (Tonnes)		83	69	81	101	101	100
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	4	3	4	3	3	3
Tongue soles	3103	4	4	5	4	5	4
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310				2	2	3
Drums and crockers	3313	7	6	7	7	8	7
Big-eyes snappers	3316	1	2	2	1	1	2
Barracudas	3402	3	3	3	4	4	4
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	3	3	4	4	2	4
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	2	1	1	1	1	1
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703	3	3	4	4	3	3
Sharks	3801						
Rays	3802						
Miscellaneous fishes	3901						
Trash fishes	3902	36	29	34	50	49	47
Swimming crabs	4201						
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701	4	3	4	4	5	4
Scallops	5501						
Cuttlefishes	5701	6	5	5	7	7	8
Squids	5702	6	5	4	7	7	6
Octopuses	5703	4	2	4	3	4	4
TOTAL (Tonnes)		83	69	81	101	101	100

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 14 -18 meters

(1) Thailand

Sub-area: Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		3	3	2	3	3	3
No. of trips		87	66	72	66	93	93
No. of days		908	663	1,031	637	1,047	756
No. of hauls		2,847	2,202	2,893	2,162	3,329	2,758
No. of hours		68,074	9,945	8,679	9,826	13,326	14,957
Total catch (Tonnes)		1,732	1,241	1,457	1,325	1,824	1,716
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102	6	5		10	7	17
Tongue soles	3103	24	25	26	28	28	51
Marine catfishes	3301						
Lizard fishes	3303	5	11		12	8	22
Sharp-toothed p. & c. eel	3304	2	3		7	6	10
Groupers	3305	3	4		4	6	8
Sillago whiting	3306	13	14		20	14	28
Red snappers	3307		3		5	4	4
Treadfin breams	3310	65	44	129	47	101	48
Drums and crockers	3313	99	55	151	51	100	45
Big-eyes snappers	3316	41	26	66	32		34
Barracudas	3402	36	22	46	22	46	15
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407					54	
Hardtail scad	3408						
Black pomfret	3410	2	5		5	4	7
White pomfret	3411	1	4		2	2	5
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	13	15	19	5	19	19
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	8	4	10	5	7	3
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703	17	14	30	16	20	25
Sharks	3801	15	10	22	14	17	20
Rays	3802	13	11	20	9	20	31
Miscellaneous fishes	3901	40	32	25	33	44	41
Trash fishes	3902	999	689	536	780	1,005	994
Swimming crabs	4201	4	4		5	3	7
Mangrove crab	4202						
Slipper lobsters	4302	2	3		5	4	9
Tiger prawn	4501	2	3		2	1	4
Panaeid prawns	4502	18	19		20	22	42
Other prawns	4503	30	35		31	21	72
Miscellaneous	4701	27	14	33	18	26	12
Scallops	5501						
Cuttlefishes	5701	123	79	175	57	119	59
Squids	5702	98	57	131	59	92	61
Octopuses	5703	26	31	38	21	24	23
TOTAL (Tonnes)		1,732	1,241	1,457	1,325	1,824	1,716

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 14 -18 meters

(1) Thailand

Sub-area: Indian Ocean

		Month					
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		3	3	3	3	3	3
No. of trips		93	80	90	99	83	93
No. of days		1,074	862	922	1,151	846	1,074
No. of hauls		3,262	2,732	3,074	3,637	2,851	2,572
No. of hours		13,127	11,536	13,779	14,492	12,730	13,445
Total catch (Tonnes)		2,233	1,706	1,988	2,391	1,828	2,218
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102	7	3	5	4	4	4
Tongue soles	3103	60	45	46	36	29	35
Marine catfishes	3301						
Lizard fishes	3303	14	8	14	11	10	4
Sharp-toothed p. & c. eel	3304	5	3	3	2	4	4
Groupers	3305	5	2	5	3	3	4
Sillago whiting	3306	16	15	18	14	16	13
Red snappers	3307	2	2	2	2	5	3
Treadfin breems	3310	148	111	124	153	105	153
Drums and crockers	3313	159	102	110	159	113	151
Big-eyes snappers	3316	83	68	60	77	43	88
Barracudas	3402	93	62	85	53	46	75
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410	3	3	2	2	3	1
White pomfret	3411	2	2	2	3	2	1
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	48	27	50	53	20	40
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	12	6	10	12	7	12
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703	39	26	40	42	20	30
Sharks	3801	55	43	46	45	21	40
Rays	3802	59	37	40	44	18	28
Miscellaneous fishes	3901	39	31	36	46	36	36
Trash fishes	3902	905	743	892	1,150	949	955
Swimming crabs	4201	4	3	7	4	3	4
Mangrove crab	4202						
Slipper lobsters	4302	4	2	4	2	3	4
Tiger prawn	4501	3	3	3	3	2	2
Panaeid prawns	4502	14	16	19	18	15	13
Other prawns	4503	24	24	35	22	23	21
Miscellaneous	4701	48	31	25	43	26	49
Scallops	5501						
Cuttlefishes	5701	159	126	149	166	134	199
Squids	5702	134	104	81	145	114	174
Octopuses	5703	89	58	75	77	54	75
TOTAL (Tonnes)		2,233	1,706	1,988	2,391	1,828	2,218

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area: Indian Ocean

		Month					
		January	February	March	April	May	June
Units of fishing effort							
No. of fishing units		1	1	1	1	1	1
No. of trips		24	25	71	25	50	26
No. of days		381	378	1,070	353	730	260
No. of hauls		1,070	1,133	2,925	1,032	2,090	1,070
No. of hours		3,210	3,399	8,774	3,097	6,269	3,210
Total catch (Tonnes)		623	641	1,646	603	1,319	924
Species (group)	Code No.	January	February	March	April	May	June
Indian halibuts	3102						
Tongue soles	3103				10		29
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306						
Red snappers	3307						
Treadfin breams	3310	55	55	134	29	107	86
Drums and crockers	3313	69	78	165	56	146	96
Big-eyes snappers	3316	33	28	98	48	68	78
Barracudas	3402	33	27	80	25	54	48
Mulletts	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406						
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410						
White pomfret	3411						
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	7	7	23	14	18	31
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	5	3	11	4	9	7
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703	13	8	27	10	24	29
Sharks	3801		8		8	26	21
Rays	3802		10		17	35	17
Miscellaneous fishes	3901	12	6	30	9	20	10
Trash fishes	3902	243	229	699	226	488	246
Swimming crabs	4201	15	14	41			
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502						
Other prawns	4503						
Miscellaneous	4701				18	29	19
Scallops	5501						
Cuttlefishes	5701	78	70	147	85	136	105
Squids	5702	47	81	169	33	121	59
Octopuses	5703	13	17	22	11	38	43
TOTAL (Tonnes)		623	641	1,646	603	1,319	924

2 MONTHLY CATCH-EFFORT STATISTICS 1995

2-2 Catch and Fishing Effort by Type of Fishing Gear, by Month and by Size of Management

2-2-2 Pair Trawl

Size of boat: 18 - 25 meters

(1) Thailand

Sub-area: Indian Ocean

Month		July	August	September	October	November	December
		July	August	September	October	November	December
Units of fishing effort							
No. of fishing units		1	2	2	2	2	2
No. of trips		50	125	131	100	107	108
No. of days		755	1,460	1,350	1,008	1,355	1,337
No. of hauls		2,065	4,305	3,950	2,970	3,924	3,906
No. of hours		6,194	15,030	14,420	10,801	14,124	13,322
Total catch (Tonnes)		1,707	2,288	2,002	1,687	2,221	2,281
Species (group)	Code No.	July	August	September	October	November	December
Indian halibuts	3102						
Tongue soles	3103	44	55	52	26	46	46
Marine catfishes	3301						
Lizard fishes	3303						
Sharp-toothed p. & c. eel	3304						
Groupers	3305						
Sillago whiting	3306		1				
Red snappers	3307						
Treadfin breams	3310	148	168	96	101	174	192
Drums and crockers	3313	136	156	127	107	150	155
Big-eyes snappers	3316	97	110	74	60	74	109
Barracudas	3402	95	78	66	50	86	65
Mullets	3403						
Threadfins	3404						
Round scads	3405						
Jacks, cavalla and trevallies	3406		2	3	2	2	2
Selar scads	3407						
Hardtail scad	3408						
Black pomfret	3410		1	2	2	2	2
White pomfret	3411		1			1	
Sardines	3501						
Anchovies	3503						
Wolf herring	3505	76	47	28	20	35	28
Longtail tuna	3604						
Eastern little tuna	3606						
Narrow-barred king mackerel	3609	10	8	9	7	11	12
Indian mackerel	3701						
Indo-pacific mackerel	3702						
Hairtails	3703	52	58	40	23	35	44
Sharks	3801	63	37	38	38	24	37
Rays	3802	58	52	37	27	37	52
Miscellaneous fishes	3901	14	17	16	10	7	18
Trash fishes	3902	453	874	903	733	920	869
Swimming crabs	4201		1	1		1	
Mangrove crab	4202						
Slipper lobsters	4302						
Tiger prawn	4501						
Panaeid prawns	4502		3	4	4	4	2
Other prawns	4503		196	233	210	220	139
Miscellaneous	4701	40	42	22	28	43	56
Scallops	5501						
Cuttlefishes	5701	172	183	118	115	164	191
Squids	5702	151	108	67	70	118	173
Octopuses	5703	98	90	66	54	67	89
TOTAL (Tonnes)		1,707	2,288	2,002	1,687	2,221	2,281

3 SPECIFIC DATA ON CATCH-EFFORT 1995

3-1 Hong Kong

3-1-1 Annual Catch and Effort by Type of Fishing Gear

- (1) Purse Seine
- (2) Stern Trawl
- (3) Pair Trawl
- (3) Shrimp Trawl
- (5) Gill Net
- (6) Line

3 SPECIFIC DATA ON CATCH-EFFORT 1995

3-1 Hong Kong

3-1-1 Annual Catch and Effort by Type of Fishing Gear

(1) Purse Seine

Country	Hong Kong	
Sub-area		
Fishing area:	Latitude	.....
	Longitude	.....
Fishing gear	Purse Seine	
Size of boat	..... ton (GRT)	
Effort		
Unit	122 vessels (1994)	
Trip	217 trips / year / vessel (1995)	
Day	231 days / year / vessel (1995)	
Haul	.....
Hour	.....
Hook	.....
Others	.....
Month, Period		
Catch	Unit of weight is (Ton, Kg or No. of fish) please define.	
Species	Code No.	Catch
All	()	5,373 tons (1995)
	()	
	()	
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	()	
	()	
	()	
	()	
	()	
	()	
Remarks		

3 SPECIFIC DATA ON CATCH-EFFORT 1995

3-1 Hong Kong

3-1-1 Annual Catch and Effort by Type of Fishing Gear

(2) Stern Trawl

Country	Hong Kong	
Sub-area	-----	
Fishing area:	Latitude	.....
	Longitude	.....
Fishing gear	Stern Trawl	
Size of boat	..... ton (GRT)	
Effort	-----	
Unit	222 vessels (1994)	
Trip	57 trips / year / vessel (1995)	
Day	196 trips / year / vessel (1995)	
Haul	.....
Hour	.....
Hook	.....
Others	.....
Month, Period	-----	
Catch	Unit of weight is (Ton, Kg or No. of fish) please define.	
Species	Code No.	Catch
All	()	15,024 tons (1995)
	()	
	()	
	()	
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	()	
	()	
	()	
Remarks	-----	

3 SPECIFIC DATA ON CATCH-EFFORT 1995

3-1 Hong Kong

3-1-1 Annual Catch and Effort by Type of Fishing Gear

(3) Pair Trawl

Country	Hong Kong	
Sub-area		
Fishing area:	Latitude	.....
	Longitude	.....
Fishing gear	Pair Trawl	
Size of boat	..... ton (GRT)	
Effort		
Unit	586 vessels (1994)	
Trip	29 trips / year / vessel (1995)	
Day	245 days / year / vessel (1995)	
Haul	.....
Hour	.....
Hook	.....
Others	.....
Month, Period		
Catch	Unit of weight is (Ton, Kg or No. of fish) please define.	
Species	Code No.	Catch
All	()	118,138 tons (1995)
	()	
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	()	
	()	
Remarks		

3 SPECIFIC DATA ON CATCH-EFFORT 1995

3-1 Hong Kong

3-1-1 Annual Catch and Effort by Type of Fishing Gear

(4) Shrimp Trawl

Country	Hong Kong	
Sub-area		
Fishing area:	Latitude	.....
	Longitude	.....
Fishing gear	Shrimp Trawl	
Size of boat	..... ton (GRT)	
Effort		
Unit	515 vessels (1994)	
Trip	207 trips / year /vessel (1995)	
Day	235 days / year /vessel (1995)	
Haul	.....
Hour	.....
Hook	.....
Others	.....
Month, Period		
Catch	Unit of weight is (Ton, Kg or No. of fish) please define.	
Species	Code No.	Catch
All	()	15,654 tons (1995)
	()	
	()	
	()	
	()	
	()	
	()	
	()	
	()	
	()	
	()	
Remarks		

3 SPECIFIC DATA ON CATCH-EFFORT 1995

3-1 Hong Kong

3-1-1 Annual Catch and Effort by Type of Fishing Gear

(5) Gill Net

Country	Hong Kong	
Sub-area		
Fishing area:	Latitude	.....
	Longitude	.....
Fishing gear	Gill Net	
Size of boat	..... ton (GRT)	
Effort		
Unit	527 vessels (1994)	
Trip	61 trips / year / vessel (1995)	
Day	213 days / year / vessel (1995)	
Haul	.....
Hour	.....
Hook	.....
Others	.....
Month, Period		
Catch	Unit of weight is (Ton, Kg or No. of fish) please define.	
Species	Code No.	Catch
All	()	10,316 tons (1995)
	()	
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	()	
	()	
Remarks		

3 SPECIFIC DATA ON CATCH-EFFORT 1995

3-1 Hong Kong

3-1-1 Annual Catch and Effort by Type of Fishing Gear

(6) Line

Country	Hong Kong	
Sub-area		
Fishing area:	Latitude	.....
	Longitude	.....
Fishing gear	Line	
Size of boat	..... ton (GRT)	
Effort		
Unit	213 vessels (1994)	
Trip	29 trips / year / vessel (1995)	
Day	208 days / year / vessel (1995)	
Haul	.....
Hour	.....
Hook	.....
Others	.....
Month, Period		
Catch	Unit of weight is (Ton, Kg or No. of fish) please define.	
Species	Code No.	Catch
All	()	12,150 tons (1995)
	()	
	()	
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	()	
Remarks		

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