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KUALA TERENGGANU, MALAYSIA



SEAFDEC/MFRDMD/ST/10

**THE TUNA FISHERIES STATISTICS
FOR THE SOUTH CHINA SEA AREA**

1999

Marine Fishery Resources Development and Management Department

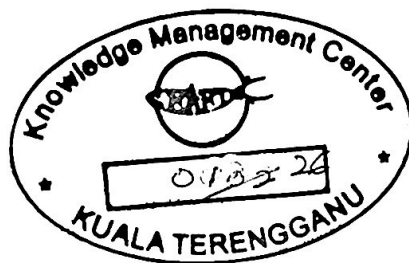
Southeast Asian Fisheries Development Center

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FOREWORD

This Tuna Fishery Statistics for the South China Sea Area (1999) is the fourth in a series of publication beginning in 1996 undertaken by the SEAFDEC Marine Fishery Resources Development and Management Department (MFRDMD). The next publication for the year 2000 and onwards shall be decided later during the coming technical meeting to be held in June 2003 in Bangkok. The meeting will also discuss on some outstanding problems in getting data required for this bulletin to ensure its continued publication in whatever forms necessary.

Former publications have been distributed to all interested parties, which include the SEAFDEC Member Countries, Research Institutions and International Organizations, as references and supporting documents toward a more responsible tuna resource management as outlined during the SEAFDEC Conference for food security.

The success of this publication depends essentially on the close working cooperation that has existed between the national liaison officers of the SEAFDEC Member Countries and MFRDMD. Such cooperation still has room for improvement as recommended during the ASEAN-SEAFDEC Conference, which was held in Bangkok in November 2001. The complete and timely data submission is essential to ensure the publication of this bulletin is on schedule.

Information provided in this publication comprises mostly from the returned questionnaires by national liaison officers of the SEAFDEC Member Countries, while some have been extracted from the FAO Yearbook Fishery Statistics and SEAFDEC Fishery Statistical Bulletin For The South China Sea Area. We wish to express our heartfelt appreciation to the Fisheries Departments of Brunei Darussalam, Malaysia and Thailand for providing the valuable information that enable us to compile and produce this bulletin.



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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 questionnaires prepared by the Marine Fishery Resources Development and Management Department, Southeast Asian Fisheries Development Center (SEAFDEC/MFRDMD). In an number of cases, relevant data have also been extracted from the FAO Yearbook Fishery Statistics and SEAFDEC Fishery Statistical Bulletin For The South China Sea Area. The area of coverage for this Bulletin is mainly the Southeast Asia part of the South China Sea within the FAO Statistical Area 71.

1-2 Time Reference

Data in this Bulletin refer to the year 1999.

2. Notes on Statistics

2-1 Category of Statistics

- (1) Annual Landing Statistics --- Annual landing data by fishing gear and boat size category are described (whole country and sub-areas).
 - a. Monthly Landing Statistics --- Monthly landing data by fishing gear and boat size category are described (whole country and sub-areas).

2-2 Classification and Coverage of Fishing Gears

Landing data of six types of fishing gear {(1) - (6)} as shown in the following table are compiled in this issue. A specific number is given for each type of fishing gears reported.

| Major Group | Particular Name |
|----------------|--|
| 1. Trawl | (1) Otter board trawl |
| 2. Purse Seine | (2) One boat purse seine (3) Two boat purse seine (4) Fish purse seine (5) Ring net |
| 3. Gill Net | (6) Drift gill net |
| 4. Hand line | (7) Hook and line |
| 5. Trap | |
| 6. Others | (8) Beach seine (9) Torch light net |

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.

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 (for trawling - operating hours are from start shooting until start hauling of the net, 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.

DATA AVAILABILITY

1. Annual Landing Statistics 1999

Catch and Fishing Effort by Type of Fishing Gear

| | |
|------------------|------------|
| Fish Purse Seine | : Malaysia |
| Trawl Net | : Malaysia |
| Other Seine | : Malaysia |
| Drift Gill Net | : Malaysia |
| Hook and Line | : Malaysia |

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

| | |
|------------------|------------|
| Fish Purse Seine | : Malaysia |
| Trawl Net | : Malaysia |
| Drift Gill Net | : Malaysia |
| Hook and Line | : Malaysia |

2. Monthly Landing Statistics 1999

Monthly Landings by Countries and Sub-areas

(1) Malaysia:

Peninsular Malaysia
West Coast of Peninsular
East Coast of Peninsular
Sabah
Sarawak
Labuan

ANNEX

1. Countries and Sub-areas for the Statistics

Countries and sub-areas used in landing statistics are as follows:

- 1) Brunei
- 2) Japan
- 3) Korea
- 4) Malaysia
 - 4-1 West Coast of Peninsular Malaysia
 - 4-2 East Coast of Peninsular Malaysia
 - 4-3 Sabah
 - 4-4 Sarawak
 - 4-5 Labuan
- 5) Philippines
- 6) Singapore
- 7) Taiwan
- 8) Thailand

2. Classification and Code Number of Species

1) Catch by Species

The catch should be categorized 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 was revised by taking account the comments from Member Countries.

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. 1996. 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.

3. List of Tuna and Tuna-like Species with Species Codes of SEAFDEC and ISSCAAP (FAO)

| ISSCAAP | | | SEAFDEC | | |
|---------|-----------|------|---|----------|--|
| Div. | Group | Code | Name | Code No. | Family / Scientific name |
| 3. | 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</i> spp |
| | | 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 | 11. Streaked seerfish | 3611 | Scombridae - <i>Scomberomorus lineolatus</i> |
| | | FRI | 12. Frigate tuna | 3612 | Scombridae - <i>Auxis thazard</i> |
| | | BLT | 13. Bullet tuna | 3613 | Scombridae - <i>Auxis rochei</i> |
| | | SBF | 14. Southern bluefin tuna | 3614 | Scombridae - <i>Thunnus maccoyii</i> |
| | | BIP | 15. Indo-pacific bonito | 3615 | Scombridae - <i>Sarda orientalis</i> |
| | | TUN | 16. Tunas and bonito NEI | 3616 | Scombridae - <i>Thunini and sardini NEI</i> |
| | | WAH | 17. Wahoo | 3617 | Scombridae - <i>Acanthocybium solandri</i> |
| | | KGX | 18. Seerfishes NEI | 3618 | Scombridae - <i>Scomberini NEI</i> |
| | | SWO | 19. Swordfish | 3619 | Xiphiidae - <i>Xiphias gladius</i> |
| | | SFA | 20. Indo-pacific sailfish | 3620 | Istiophoridae - <i>Istiophorus ptypterus</i> |
| | | BLM | 21. Black marlin | 3621 | Istiophoridae - <i>Makaira indica</i> |
| | | BLZ | 22. Indo-pacific blue marlin | 3622 | Istiophoridae - <i>Makaira mazara</i> |

**STATISTICAL TABLES
FOR 1999**

1. ANNUAL LANDING BY SPECIES 1999

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

1-1-1 Fish Purse Seine

(1) Malaysia

1-1-2 Trawl Net

(1) Malaysia

1-1-3 Other Seine

(1) Malaysia

1-1-4 Drift Gill Net

(1) Malaysia

1-1-5 Hook and Line

(1) Malaysia

1 ANNUAL LANDING BY SPECIES - 1999

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

1-1-1 Fish Purse Seine

(1) Malaysia

Catch Unit in Tonnes

| Unit of fishing effort | Sub-area | Total | West Coast of Peninsular | East Coast of Peninsular | Sabah | Sarawak | Labuan |
|---|----------|----------|--------------------------|--------------------------|-------|---------|--------|
| No. of fishing units | | 5,763 | 2,134 | 3,629 | - | - | - |
| No. of trips | | 58,843 | 24,983 | 33,860 | - | - | - |
| No. of days | | 91,328 | 34,656 | 56,672 | - | - | - |
| No. of hauls | | 310,253 | 57,894 | 252,359 | - | - | - |
| TOTAL CATCH | | 47,458 | 7,865 | 23,978 | 8,100 | 447 | 7,068 |
| Species (group) | CODES | Code No. | West Coast P | East Coast P | Sabah | Sarawak | Labuan |
| Skipjack tuna | SKJ | 3601 | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | |
| Big-eye tuna | BET | 3603 | | | | | |
| Longtail tuna | LOT | 3604 | | | | | |
| Albacore | ALB | 3605 | | | | | |
| Eastern little tuna | KAW | 3606 | 7,679 | 21,537 | 8,028 | 434 | 7,047 |
| Frigate and bullet tuna | FRZ | 3607 | | | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 1,812 | 0 | 0 | 0 |
| Narrow-banded king mackerel | COM | 3609 | | | | | |
| King mackerel | GUT | 3610 | | | 72 | 13 | 21 |
| Streaked seerfish | STS | 3611 | | | | | |
| Frigate tuna | FRI | 3612 | | | | | |
| Bullet tuna | BLT | 3613 | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | |
| Indo-pacific bonito | BIP | 3615 | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | |
| Wahoo | WAH | 3617 | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | |
| Swordfish | SWO | 3619 | | | | | |
| Indo-pacific sailfish | SFA | 3620 | | | | | |
| Black marlin | BLM | 3621 | | | | | |
| Indo-pacific blue marlin | BLZ | 3622 | | | | | |
| Striped marlin | MLS | 3623 | | | | | |
| Other NEI (TUNA) | OTH | 3624 | | | | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-1-2 Trawl Net

(1) Malaysia

Catch Unit in Tonnes

| Unit of fishing effort | Sub-area | TOTAL CATCH | | | | | |
|---|----------|-------------|--------------------------|--------------------------|-------|---------|--------|
| | | Total | West Coast of Peninsular | East Coast of Peninsular | Sabah | Sarawak | Labuan |
| No. of fishing units | | 58,743 | 44,238 | 14,505 | - | - | - |
| No. of trips | | 740,840 | 613,078 | 127,762 | - | - | - |
| No. of days | | 1,023,244 | 784,824 | 238,420 | - | - | - |
| No. of hauls | | 3,345,458 | 2,191,254 | 1,154,204 | - | - | - |
| | | 5,445 | 2,339 | 1,024 | 854 | 1,155 | 73 |
| | | TOTAL | West Coast P | East Coast P | Sabah | Sarawak | Labuan |
| Species (group) | CODES | Code No. | | | | | |
| Skipjack tuna | SKJ | 3601 | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | |
| Big-eye tuna | BET | 3603 | | | | | |
| Longtail tuna | LOT | 3604 | | | | | |
| Albacore | ALB | 3605 | | | | | |
| Eastern little tuna | KAW | 3606 | 129 | 71 | 45 | 0 | 2 |
| Frigate and bullet tuna | FRZ | 3607 | | | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 1 | 0 | 1 | 0 | 0 |
| Narrow-barred king mackerel | COM | 3609 | | | | | |
| King mackerel | GUT | 3610 | 5,315 | 2,268 | 978 | 854 | 1,153 |
| Streked seerfish | STS | 3611 | | | | | |
| Frigate tuna | FRI | 3612 | | | | | |
| Bullet tuna | BLT | 3613 | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | |
| Indo-pacific bonito | BIP | 3615 | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | |
| Wahoo | WAH | 3617 | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | |
| Swordfish | SWO | 3619 | | | | | |
| Indo-pacific sailfish | SFA | 3620 | | | | | |
| Black marlin | BLM | 3621 | | | | | |
| Indo-pacific blue marlin | BLZ | 3622 | | | | | |
| Striped marlin | MLS | 3623 | | | | | |
| Other NEI (TUNA) | OTH | 3624 | | | | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-1-3 Other Seine

(1) Malaysia

Catch Unit in Tonnes

| Unit of fishing effort | Sub-area | Total | West Coast of Peninsular | East Coast of Peninsular | Sabah | Sarawak | Labuan | |
|---|----------|----------|--------------------------|--------------------------|--------------|---------|---------|--------|
| No. of fishing units | | 6,458 | 6,458 | 0 | - | - | - | |
| No. of trips | | 121,445 | 121,445 | 0 | - | - | - | |
| No. of days | | 121,446 | 121,446 | 0 | - | - | - | |
| No. of hauls | | 934,572 | 934,572 | 0 | - | - | - | |
| TOTAL CATCH | | 6,785 | 1 | 0 | 6,784 | 0 | 0 | |
| Species (group) | CODES | Code No. | TOTAL | West Coast P | East Coast P | Sabah | Sarawak | Labuan |
| Skipjack tuna | SKJ | 3601 | | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | | |
| Big-eye tuna | BET | 3603 | | | | | | |
| Longtail tuna | LOT | 3604 | | | | | | |
| Albacore | ALB | 3605 | | | | | | |
| Eastern little tuna | KAW | 3606 | | | | | | |
| Frigate and buller tuna | FRZ | 3607 | | | | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | | | | | | |
| Narrow-banded king mackerel | COM | 3609 | | | | | | |
| King mackerel | GUT | 3610 | | | | | | |
| Streked seerfish | STS | 3611 | | | | | | |
| Frigate tuna | FRI | 3612 | | | | | | |
| Buller tuna | BLT | 3613 | | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | | |
| Indo-pacific bonito | BIP | 3615 | | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | | |
| Wahoo | WAH | 3617 | | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | | |
| Swordfish | SWO | 3619 | | | | | | |
| Indo-pacific sailfish | SFA | 3620 | | | | | | |
| Black marlin | BLM | 3621 | | | | | | |
| Indo-pacific blue marlin | BLZ | 3622 | | | | | | |
| Striped marlin | MLS | 3623 | | | | | | |
| Other NEI (TUNA) | OTH | 3624 | | | | | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-1-4 Drift Gill Net

(1) Malaysia

Catch Unit in Tonnes

| Unit of fishing effort | Sub-area | Total | West Coast of Peninsular | | East Coast of Peninsular | | Sabah | Sarawak | Labuan |
|---|----------|-----------|--------------------------|--------------|--------------------------|-------|---------|---------|--------|
| | | | West Coast P | East Coast P | | | | | |
| No. of fishing units | | 149,013 | 1,334,469 | 15,544 | - | - | - | - | |
| No. of trips | | 317,285 | 249,794 | 67,491 | - | - | - | - | |
| No. of days | | 2,084,896 | 1,847,233 | 237,663 | - | - | - | - | |
| No. of hauls | | 5,613,993 | 4,905,336 | 708,657 | - | - | - | - | |
| TOTAL CATCH | | 13,075 | 2,727 | 889 | 4,630 | 4,738 | 91 | | |
| Species (group) | CODES | Code No. | TOTAL | West Coast P | East Coast P | Sabah | Sarawak | Labuan | |
| Skipjack tuna | SKJ | 3601 | | | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | | | |
| Big-eye tuna | BET | 3603 | | | | | | | |
| Longtail tuna | LOT | 3604 | | | | | | | |
| Albacore | ALB | 3605 | | | | | | | |
| Eastern little tuna | KAW | 3606 | 5,404 | 604 | 438 | 1,866 | 2,448 | 48 | |
| Frigate and bullet tuna | FRZ | 3607 | | | | | | | |
| Indo-pacific swordfish, sailfish and marlin | FRZ | 3607 | | | | | | | |
| Narrow-barred king mackerel | BIL | 3608 | 186 | 0 | 0 | 176 | 0 | 10 | |
| King mackerel | COM | 3609 | 7,485 | 2,123 | 451 | 2,588 | 2,290 | 33 | |
| Streaked seerfish | GUT | 3610 | | | | | | | |
| Frigate tuna | STS | 3611 | | | | | | | |
| Bullet tuna | FRI | 3612 | | | | | | | |
| Southern bluefin tuna | BLT | 3613 | | | | | | | |
| Indo-pacific bonito | SBF | 3614 | | | | | | | |
| Tunas and bonito NEI | BIP | 3615 | | | | | | | |
| Wahoo | TUN | 3616 | | | | | | | |
| Seerfish NEI | WAH | 3617 | | | | | | | |
| Swordfish | KGX | 3618 | | | | | | | |
| Indo-pacific sailfish | SWO | 3619 | | | | | | | |
| Black marlin | SFA | 3620 | | | | | | | |
| Indo-pacific blue marlin | BLM | 3621 | | | | | | | |
| Striped marlin | BLZ | 3622 | | | | | | | |
| Other NEI (TUNA) | MLS | 3623 | | | | | | | |
| | OTH | 3624 | | | | | | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-1-5 Hook and Line

(1) Malaysia

Catch Unit in Tonnes

| Unit of fishing effort | Sub-area | Total | West Coast of Peninsular | East Coast of Peninsular | Sabah | Sarawak | Labuan |
|---|----------|-----------|--------------------------|--------------------------|-------|---------|--------|
| No. of fishing units | | 23,871 | 9,839 | 14,032 | - | - | - |
| No. of trips | | 70,037 | 34,314 | 35,723 | - | - | - |
| No. of days | | 325,817 | 107,199 | 218,618 | - | - | - |
| No. of hauls | | 1,103,149 | 1,098,967 | 4,182 | - | - | - |
| TOTAL CATCH | | 112,658 | 2 | 8,183 | 3,090 | 1,299 | 84 |
| Species (group) | CODES | Code No. | West Coast P | East Coast P | Sabah | Sarawak | Labuan |
| Skipjack tuna | SKJ | 3601 | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | |
| Big-eye tuna | BET | 3603 | | | | | |
| Longtail tuna | LOT | 3604 | | | | | |
| Albacore | ALB | 3605 | | | | | |
| Eastern little tuna | KAW | 3606 | 0 | 6,602 | 1,049 | 932 | 0 |
| Frigate and bullet tuna | FRZ | 3607 | | | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 14 | 33 | 0 | 0 |
| Narrow-banded king mackerel | COM | 3609 | | | | | |
| King mackerel | GUT | 3610 | 2 | 1,567 | 2,008 | 367 | 84 |
| Streaked seerfish | STS | 3611 | | | | | |
| Frigate tuna | FRI | 3612 | | | | | |
| Bullet tuna | BLT | 3613 | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | |
| Indo-pacific bonito | BIP | 3615 | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | |
| Wahoo | WAH | 3617 | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | |
| Swordfish | SWO | 3619 | | | | | |
| Indo-pacific sailfish | SFA | 3620 | | | | | |
| Black marlin | BLM | 3621 | | | | | |
| Indo-pacific blue marlin | BLZ | 3622 | | | | | |
| Striped marlin | MLS | 3623 | | | | | |
| Other NEI (TUNA) | OTH | 3624 | | | | | |

1. ANNUAL LANDING BY SPECIES 1999

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 Trawl Net

(1) Malaysia

Less than 10 tons

10 - 25 tons

25 - 40 tons

40 - 70 tons

More Than 70 tons

1 ANNUAL LANDING BY SPECIES - 1999
1-2 Catch and Fishing Effort by Type of Fishing Gear and Size of Management
1-2-1 Fish Purse Seine
 (1) Malaysia

Size of boat : Less than 10 tons

| Unit of fishing effort | Sub-area | | | | |
|---|------------|--------------|--------------|--------------|--------------|
| | Total | West Coast P | East Coast P | | |
| Cumulative no. of fishing units | 91 | 5 | 86 | | |
| Cumulative no. of trips | 1,324 | 94 | 1,230 | | |
| Cumulative no. of days | 1,324 | 94 | 1,230 | | |
| Cumulative no. of hauls | 3,161 | 396 | 2,765 | | |
| TOTAL CATCH | 329 | 2 | 327 | | |
| Species (group) | CODES | Code No. | TOTAL | West Coast P | East Coast P |
| Skipjack tuna | SKJ | 3601 | | | |
| Yellowfin tuna | YFT | 3602 | | | |
| Big-eye tuna | BET | 3603 | | | |
| Longtail tuna | LOT | 3604 | | | |
| Albacore | ALB | 3605 | | | |
| Eastern little tuna | KAW | 3606 | 327 | 0 | 327 |
| Frigate and bullet tuna | FRZ | 3607 | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 0 | 0 |
| Narrow-barred king mackerel | COM | 3609 | | | |
| King mackerel | GUT | 3610 | 2 | 2 | 0 |
| Straked seerfish | STS | 3611 | | | |
| Frigate tuna | FRI | 3612 | | | |
| Bullet tuna | BLT | 3613 | | | |
| Southern bluefin tuna | SBF | 3614 | | | |
| Indo-pacific bonito | BIP | 3615 | | | |
| Tunas and bonito NEI | TUN | 3616 | | | |
| Wahoo | WAH | 3617 | | | |
| Seerfish NEI | KGX | 3618 | | | |
| Swordfish | SWO | 3619 | | | |
| Indo-pacific sailfish | SFA | 3620 | | | |
| Black marlin | BLM | 3621 | | | |
| Indo-pacific blue marlin | BLZ | 3622 | | | |
| Striped marlin | MLS | 3623 | | | |
| Other NEI (TUNA) | OTH | 3624 | | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-2-1 Fish Purse Seine

(1) Malaysia

Size of boat : 10-25 tons

| Unit of fishing effort | Sub-area | Total | Size of boat : 10-25 tons | |
|---|----------|----------|---------------------------|--------------|
| | | | West Coast P | East Coast P |
| Cumulative no. of fishing units | | 1,073 | 9 | 1,064 |
| Cumulative no. of trips | | 14,445 | 134 | 14,311 |
| Cumulative no. of days | | 15,561 | 134 | 15,427 |
| Cumulative no. of hauls | | 45,352 | 1,079 | 44,273 |
| | | 1,279 | 899 | 380 |
| TOTAL CATCH | | | | |
| Species (group) | CODES | Code No. | West Coast P | East Coast P |
| Skipjack tuna | SKJ | 3601 | | |
| Yellowfin tuna | YFT | 3602 | | |
| Big-eye tuna | BET | 3603 | | |
| Longtail tuna | LOT | 3604 | | |
| Albacore | ALB | 3605 | | |
| Eastern little tuna | KAW | 3606 | 896 | 249 |
| Frigate and bullet tuna | FRZ | 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 0 |
| Narrow-barred king mackerel | COM | 3609 | | |
| King mackerel | GUT | 3610 | 3 | 131 |
| Streked seerfish | STS | 3611 | | |
| Frigate tuna | FRI | 3612 | | |
| Bullet tuna | BLT | 3613 | | |
| Southern bluefin tuna | SBF | 3614 | | |
| Indo-pacific bonito | BIP | 3615 | | |
| Tunas and bonito NEI | TUN | 3616 | | |
| Wahoo | WAH | 3617 | | |
| Seerfish NEI | KGX | 3618 | | |
| Swordfish | SWO | 3619 | | |
| Indo-pacific sailfish | SFA | 3620 | | |
| Black marlin | BLM | 3621 | | |
| Indo-pacific blue marlin | BLZ | 3622 | | |
| Striped marlin | MLS | 3623 | | |
| Other NEI (TUNA) | OTH | 3624 | | |
| | | TOTAL | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-2-1 Fish Purse Seine

(1) Malaysia

Size of boat : 25-40 tons

| Unit of fishing effort | Sub-area | Total | Size of boat : 25-40 tons | |
|---|----------|----------|---------------------------|--------------|
| | | | West Coast P | East Coast P |
| Cumulative no. of fishing units | | 1,103 | 442 | 661 |
| Cumulative no. of trips | | 13,186 | 6,140 | 7,046 |
| Cumulative no. of days | | 17,271 | 6,140 | 11,131 |
| Cumulative no. of hauls | | 69,584 | 14,170 | 55,414 |
| TOTAL CATCH | | 7,614 | 11 | 7,603 |
| TOTAL CATCH | | TOTAL | West Coast P | East Coast P |
| Species (group) | CODES | Code No. | | |
| Skipjack tuna | SKJ | 3601 | | |
| Yellowfin tuna | YFT | 3602 | | |
| Big-eye tuna | BET | 3603 | | |
| Longtail tuna | LOT | 3604 | | |
| Albacore | ALB | 3605 | | |
| Eastern little tuna | KAW | 3606 | 11 | 5,480 |
| Frigate and bullet tuna | FRZ | 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 1,812 |
| Narrow-barred king mackerel | COM | 3609 | | |
| King mackerel | GUT | 3610 | 0 | 311 |
| Streaked seerfish | STS | 3611 | | |
| Frigate tuna | FRI | 3612 | | |
| Bullet tuna | BLT | 3613 | | |
| Southern bluefin tuna | SBF | 3614 | | |
| Indo-pacific bonito | BIP | 3615 | | |
| Tunas and bonito NEI | TUN | 3616 | | |
| Wahoo | WAH | 3617 | | |
| Seerfish NEI | KGX | 3618 | | |
| Swordfish | SWO | 3619 | | |
| Indo-pacific sailfish | SFA | 3620 | | |
| Black marlin | BLM | 3621 | | |
| Indo-pacific blue marlin | BLZ | 3622 | | |
| Striped marlin | MLS | 3623 | | |
| Other NEI (TUNA) | OTH | 3624 | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-2-1 Fish Purse Seine

(1) Malaysia

Size of boat : 40-70 tons

| Unit of fishing effort | Sub-area | Total | Size of boat : 40-70 tons | |
|---|----------|----------|---------------------------|--------------|
| | | | West Coast P | East Coast P |
| Cumulative no. of fishing units | | 2,236 | 1,288 | 948 |
| Cumulative no. of trips | | 25,716 | 16,795 | 8,921 |
| Cumulative no. of days | | 34,857 | 20,600 | 14,257 |
| Cumulative no. of hauls | | 97,235 | 35,218 | 62,017 |
| TOTAL CATCH | | 8,673 | 3,765 | 4,908 |
| Species (group) | CODES | Code No. | TOTAL | |
| Skipjack tuna | SKJ | 3601 | | |
| Yellowfin tuna | YFT | 3602 | | |
| Big-eye tuna | BET | 3603 | | |
| Longtail tuna | LOT | 3604 | | |
| Albacore | ALB | 3605 | | |
| Eastern little tuna | KAW | 3606 | 8,451 | 4,757 |
| Frigate and bullet tuna | FRZ | 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 0 |
| Narrow-barred king mackerel | COM | 3609 | | |
| King mackerel | GUT | 3610 | 71 | 151 |
| Streked seerfish | STS | 3611 | | |
| Frigate tuna | FRI | 3612 | | |
| Bullet tuna | BLT | 3613 | | |
| Southern bluefin tuna | SBF | 3614 | | |
| Indo-pacific bonito | BIP | 3615 | | |
| Tunas and bonito NEI | TUN | 3616 | | |
| Wahoo | WAH | 3617 | | |
| Seerfish NEI | KGX | 3618 | | |
| Swordfish | SWO | 3619 | | |
| Indo-pacific sailfish | SFA | 3620 | | |
| Black marlin | BLM | 3621 | | |
| Indo-pacific blue marlin | BLZ | 3622 | | |
| Striped marlin | MLS | 3623 | | |
| Other NEI (TUNA) | OTH | 3624 | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-2-1 Fish Purse Seine

(1) Malaysia

Size of boat : More than 70 tons

| | Sub-area | Total | Size of boat : More than 70 tons | |
|---|----------|--------|----------------------------------|--------------|
| | | | West Coast P | East Coast P |
| Cumulative no. of fishing units | | 1,260 | 390 | 870 |
| Cumulative no. of trips | | 4,170 | 1,820 | 2,350 |
| Cumulative no. of days | | 22,315 | 7,688 | 14,627 |
| Cumulative no. of hauls | | 94,921 | 7,031 | 87,890 |
| TOTAL CATCH | | 13,950 | 3,190 | 10,760 |
| | | TOTAL | West Coast P | East Coast P |
| Skipjack tuna | SKJ | 3601 | | |
| Yellowfin tuna | YFT | 3602 | | |
| Big-eye tuna | BET | 3603 | | |
| Longtail tuna | LOT | 3604 | | |
| Albacore | ALB | 3605 | | |
| Eastern little tuna | KAW | 3606 | 3,078 | 10,724 |
| Frigate and bullet tuna | FRZ | 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | FRZ | 3607 | | |
| Narrow-barred king mackerel | BIL | 3608 | 0 | 0 |
| King mackerel | COM | 3609 | | |
| Streked seerfish | GUT | 3610 | 112 | 36 |
| Frigate tuna | STS | 3611 | | |
| Bullet tuna | FRI | 3612 | | |
| Southern bluefin tuna | BLT | 3613 | | |
| Indo-pacific bonito | SBF | 3614 | | |
| Tunas and bonito NEI | BIP | 3615 | | |
| Wahoo | TUN | 3616 | | |
| Seerfish NEI | WAH | 3617 | | |
| Swordfish | KGX | 3618 | | |
| Indo-pacific sailfish | SWO | 3619 | | |
| Black marlin | SFA | 3620 | | |
| Indo-pacific blue marlin | BLM | 3621 | | |
| Striped marlin | BLZ | 3622 | | |
| Other NEI (TUNA) | MLS | 3623 | | |
| | OTH | 3624 | | |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-2-2 Trawl Net

(1) Malaysia

Size of boat : Less than 10 tons

| Unit of fishing effort | Sub-area | Total | Size of boat : Less than 10 tons | |
|---|----------|----------|----------------------------------|--------------|
| | | | West Coast P | East Coast P |
| Cumulative no. of fishing units | | 10,827 | 7,360 | 3,467 |
| Cumulative no. of trips | | 170,384 | 119,183 | 51,201 |
| Cumulative no. of days | | 170,620 | 119,183 | 51,437 |
| Cumulative no. of hauls | | 425,291 | 264,138 | 161,153 |
| TOTAL CATCH | | 64 | 27 | 37 |
| Species (group) | CODES | Code No. | West Coast P | East Coast P |
| Skipjack tuna | SKJ | 3601 | | |
| Yellowfin tuna | YFT | 3602 | | |
| Big-eye tuna | BET | 3603 | | |
| Longtail tuna | LOT | 3604 | | |
| Albacore | ALB | 3605 | | |
| Eastern little tuna | KAW | 3606 | | |
| Frigate and bullet tuna | FRZ | 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 0 |
| Narrow-banded king mackerel | COM | 3609 | | |
| King mackerel | GUT | 3610 | 27 | 37 |
| Streaked seerfish | STS | 3611 | | |
| Frigate tuna | FRI | 3612 | | |
| Bullet tuna | BLT | 3613 | | |
| Southern bluefin tuna | SBF | 3614 | | |
| Indo-pacific bonito | BIP | 3615 | | |
| Tunas and bonito NEI | TUN | 3616 | | |
| Wahoo | WAH | 3617 | | |
| Seerfish NEI | KGX | 3618 | | |
| Swordfish | SWO | 3619 | | |
| Indo-pacific sailfish | SFA | 3620 | | |
| Black marlin | BLM | 3621 | | |
| Indo-pacific blue marlin | BLZ | 3622 | | |
| Striped marlin | MLS | 3623 | | |
| Other NEI (TUNA) | OTH | 3624 | | |
| TOTAL | | | 27 | 37 |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-2-2 Trawl Net

(1) Malaysia

Size of boat : 10-25 tons

| Unit of fishing effort | Sub-area | Total | Size of boat : 10-25 tons | |
|---|----------|-----------|---------------------------|--------------|
| | | | West Coast P | East Coast P |
| Cumulative no. of fishing units | | 26,793 | 22,268 | 4,525 |
| Cumulative no. of trips | | 424,542 | 370,370 | 54,172 |
| Cumulative no. of days | | 448,580 | 383,196 | 65,384 |
| Cumulative no. of hauls | | 1,328,581 | 1,008,365 | 320,216 |
| TOTAL CATCH | | 510 | 393 | 117 |
| Species (group) | CODES | Code No. | West Coast P | East Coast P |
| Skipjack tuna | SKJ | 3601 | | |
| Yellowfin tuna | YFT | 3602 | | |
| Big-eye tuna | BET | 3603 | | |
| Longtail tuna | LOT | 3604 | | |
| Albacore | ALB | 3605 | | |
| Eastern little tuna | KAW | 3606 | 9 | 2 |
| Frigate and bullet tuna | FRZ | 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 0 |
| Narrow-barred king mackerel | COM | 3609 | | |
| King mackerel | GUT | 3610 | 384 | 115 |
| Streked seerfish | STS | 3611 | | |
| Frigate tuna | FRI | 3612 | | |
| Bullet tuna | BLT | 3613 | | |
| Southern bluefin tuna | SBF | 3614 | | |
| Indo-pacific bonito | BIP | 3615 | | |
| Tunas and bonito NEI | TUN | 3616 | | |
| Wahoo | WAH | 3617 | | |
| Seerfish NEI | KGX | 3618 | | |
| Swordfish | SWO | 3619 | | |
| Indo-pacific sailfish | SFA | 3620 | | |
| Black marlin | BLM | 3621 | | |
| Indo-pacific blue marlin | BLZ | 3622 | | |
| Striped marlin | MLS | 3623 | | |
| Other NEI (TUNA) | OTH | 3624 | | |
| TOTAL | TOTAL | | 393 | 117 |

1 ANNUAL LANDING BY SPECIES - 1999

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

1-2-2 Trawl Net

(1) Malaysia

Size of boat : 25-40 tons

| Unit of fishing effort | Sub-area | Total | Size of boat : 25-40 tons | |
|---|-----------------|---------|---------------------------|--------------|
| | | | West Coast P | East Coast P |
| Cumulative no. of fishing units | | 10,749 | 7,981 | 2,768 |
| Cumulative no. of trips | | 112,082 | 98,187 | 13,895 |
| Cumulative no. of days | | 192,871 | 143,039 | 49,832 |
| Cumulative no. of hauls | | 730,445 | 413,153 | 317,292 |
| | | 1,278 | 953 | 325 |
| TOTAL CATCH | | TOTAL | West Coast P | East Coast P |
| | Species (group) | | | |
| Skipjack tuna | SKJ | | | |
| Yellowfin tuna | YFT | | | |
| Big-eye tuna | BET | | | |
| Longtail tuna | LOT | | | |
| Albacore | ALB | | | |
| Eastern little tuna | KAW | 37 | 20 | 17 |
| Frigate and bullet tuna | FRZ | 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 1 |
| Narrow-banded king mackerel | COM | 3609 | | |
| King mackerel | GUT | 3610 | 933 | 307 |
| Streaked seerfish | STS | 3611 | | |
| Frigate tuna | FRI | 3612 | | |
| Bullet tuna | BLT | 3613 | | |
| Southern bluefin tuna | SBF | 3614 | | |
| Indo-pacific bonito | BIP | 3615 | | |
| Tunas and bonito NEI | TUN | 3616 | | |
| Wahoo | WAH | 3617 | | |
| Seerfish NEI | KGX | 3618 | | |
| Swordfish | SWO | 3619 | | |
| Indo-pacific sailfish | SFA | 3620 | | |
| Black marlin | BLM | 3621 | | |
| Indo-pacific blue marlin | BLZ | 3622 | | |
| Striped marlin | MLS | 3623 | | |
| Other NEI (TUNA) | OTH | 3624 | | |

1 ANNUAL LANDING BY SPECIES - 1999
1-2 Catch and Fishing Effort by Type of Fishing Gear and Size of Management
1-2-2 Trawl Net
(1) Malaysia

Size of boat : 40- 70 tons

| Unit of fishing effort | Sub-area | Total | Size of boat : 40- 70 tons | |
|---|----------|--------------|----------------------------|--------------|
| | | | West Coast P | East Coast P |
| Cumulative no. of fishing units | | 8,182 | 5,656 | 2,526 |
| Cumulative no. of trips | | 37,523 | 31,463 | 6,060 |
| Cumulative no. of days | | 166,951 | 118,810 | 48,141 |
| Cumulative no. of hauls | | 705,979 | 444,879 | 261,100 |
| TOTAL CATCH | | 1,817 | 791 | 1,026 |
| Species (group) | CODES | Code No. | West Coast P | East Coast P |
| Skipjack tuna | SKJ | 3601 | | |
| Yellowfin tuna | YFT | 3602 | | |
| Big-eye tuna | BET | 3603 | | |
| Longtail tuna | LOT | 3604 | | |
| Albacore | ALB | 3605 | | |
| Eastern little tuna | KAW | 3606 | 33 | 17 |
| Frigate and bullet tuna | FRZ | 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 0 | 351 |
| Narrow-banded king mackerel | COM | 3609 | | |
| King mackerel | GUT | 3610 | | |
| Streaked seerfish | STS | 3611 | 758 | 658 |
| Frigate tuna | FRI | 3612 | | |
| Bullet tuna | BLT | 3613 | | |
| Southern bluefin tuna | SBF | 3614 | | |
| Indo-pacific bonito | BIP | 3615 | | |
| Tunas and bonito NEI | TUN | 3616 | | |
| Wahoo | WAH | 3617 | | |
| Seerfish NEI | KGX | 3618 | | |
| Swordfish | SWO | 3619 | | |
| Indo-pacific sailfish | SFA | 3620 | | |
| Black marlin | BLM | 3621 | | |
| Indo-pacific blue marlin | BLZ | 3622 | | |
| Striped marlin | MLS | 3623 | | |
| Other NEI (TUNA) | OTH | 3624 | | |

1 ANNUAL LANDING BY SPECIES - 1999
 1-2 Catch and Fishing Effort by Type of Fishing Gear and Size of Management
 1-2-2 Trawl/Net
 (1) Malaysia

Size of boat : More than 70 tons

| Unit of fishing effort | Sub-area | TOTAL CATCH | |
|---|----------|--------------|--------------|
| | | West Coast P | East Coast P |
| Cumulative no. of fishing units | Total | | |
| Cumulative no. of trips | 2,192 | 973 | 1,219 |
| Cumulative no. of days | 5,309 | 2,875 | 2,434 |
| Cumulative no. of hauls | 44,222 | 20,596 | 23,626 |
| | 155,162 | 60,719 | 94,443 |
| | 352 | 175 | 177 |
| Species (group) | Code No. | West Coast P | East Coast P |
| Skipjack tuna | SKJ 3601 | | |
| Yellowfin tuna | YFT 3602 | | |
| Big-eye tuna | BET 3603 | | |
| Longtail tuna | LOT 3604 | | |
| Albacore | ALB 3605 | | |
| Eastern little tuna | KAW 3606 | 9 | 9 |
| Frigate and bullet tuna | FRZ 3607 | | |
| Indo-pacific swordfish, sailfish and marlin | BIL 3608 | | |
| Narrow-banded king mackerel | COM 3609 | | |
| King mackerel | GUT 3610 | 166 | 168 |
| Streked seerfish | STS 3611 | | |
| Frigate tuna | FRI 3612 | | |
| Bullet tuna | BLT 3613 | | |
| Southern bluefin tuna | SBF 3614 | | |
| Indo-pacific bonito | BIP 3615 | | |
| Tunas and bonito NEI | TUN 3616 | | |
| Wahoo | WAH 3617 | | |
| Seerfish NEI | KGX 3618 | | |
| Swordfish | SWO 3619 | | |
| Indo-pacific sailfish | SFA 3620 | | |
| Black marlin | BLM 3621 | | |
| Indo-pacific blue marlin | BLZ 3622 | | |
| Striped marlin | MLS 3623 | | |
| Other NEI (TUNA) | OTH 3624 | | |
| | TOTAL | | |

1. ANNUAL LANDING BY SPECIES 1999

1-3 Nominal Catch By Species

- (1) Indonesia
- (2) Japan
- (3) Korea
- (4) Philippines
- (5) Singapore
- (6) Taiwan
- (7) Thailand

1 ANNUAL LANDING BY SPECIES - 1999
1-3 Nominal Catch by Species
(1) Indonesia

Catch unit in Tonnes

| Unit of fishing effort | Type of Gear | Total | Hook and Line | Gill net | Ring Net | Purse Seine | Trawl Net | |
|---|--------------|----------|---------------|---------------|----------|-------------|-------------|-----------|
| No. of units | | | | | | | | |
| No. of trips | | | | | | | | |
| No. of days | | | | | | | | |
| No. of hauls | | | | | | | | |
| No. of hours | | | | | | | | |
| TOTAL CATCH | | 432,940 | | | | | | |
| Species (group) | CODES | Code No. | Total | Hook and Line | Gill net | Ring Net | Purse Seine | Trawl Net |
| Skipjack tuna | SKJ | 3601 | 205,670 | | | | | |
| Yellowfin tuna | YFT | 3602 | 152,150 | | | | | |
| Big-eye tuna | BET | 3603 | | | | | | |
| Longtail tuna | LOT | 3604 | | | | | | |
| Albacore | ALB | 3605 | | | | | | |
| Eastern little tuna | KAW | 3606 | | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | | | | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | | | | | | |
| Narrow-barred king mackerel | COM | 3609 | 62,050 | | | | | |
| King mackerel | GUT | 3610 | 13,070 | | | | | |
| Streked seerfish | STS | 3611 | | | | | | |
| Frigate tuna | FRI | 3612 | | | | | | |
| Bullet tuna | BLT | 3613 | | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | | |
| Indo-pacific bonito | BIP | 3615 | | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | | |
| Mahoo | WAH | 3617 | | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | | |
| Swordfish | SWO | 3619 | | | | | | |
| Indo-pacific sailfish | SFA | 3620 | | | | | | |
| Black marlin | BLM | 3621 | | | | | | |
| Indo-pacific blue marlin | BLZ | 3622 | | | | | | |
| Striped marlin | MLS | 3623 | | | | | | |
| Other NEI (TUNA) | OTH | 3624 | | | | | | |

*Data extracted from The FAO Yearbook Fishery Statistics

1 ANNUAL LANDING BY SPECIES - 1999
 1-3 Nominal Catch by Species
 (2) Japan

Catch unit in Tonnes

| Unit of fishing effort | Type of Gear | Total | Hook and Line | Gill net | Ring Net | Purse Seine | Trawl Net | |
|---|--------------|----------|---------------|---------------|----------|-------------|-------------|-----------|
| No. of units | | | | | | | | |
| No. of trips | | | | | | | | |
| No. of days | | | | | | | | |
| No. of hauls | | | | | | | | |
| No. of hours | | | | | | | | |
| TOTAL CATCH | | 213,106 | | | | | | |
| Species (group) | CODES | Code No. | Total | Hook and Line | Gill net | Ring Net | Purse Seine | Trawl Net |
| Skipjack tuna | SKJ | 3601 | 147,555 | | | | | |
| Yellowfin tuna | YFT | 3602 | 47,483 | | | | | |
| Big-eye tuna | BET | 3603 | 13,847 | | | | | |
| Longtail tuna | LOT | 3604 | | | | | | |
| Albacore | ALB | 3605 | 2,593 | | | | | |
| Eastern little tuna | KAW | 3606 | | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | 3 | | | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | | | | | | |
| Narrow-banded king mackerel | COM | 3609 | | | | | | |
| King mackerel | GUT | 3610 | | | | | | |
| Straked seerfish | STS | 3611 | | | | | | |
| Frigate tuna | FRI | 3612 | | | | | | |
| Bullet tuna | BLT | 3613 | | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | | |
| Indo-pacific bonito | BIP | 3615 | | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | | |
| Wahoo | WAH | 3617 | | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | | |
| Swordfish | SWO | 3619 | 245 | | | | | |
| Indo-pacific sailfish | SFA | 3620 | 15 | | | | | |
| Black marlin | BLM | 3621 | | | | | | |
| Indo-pacific blue marlin | BLZ | 3622 | 1,245 | | | | | |
| Striped marlin | MLS | 3623 | 120 | | | | | |
| Other NEI (TUNA) | OTH | 3624 | | | | | | |

*Data extracted from The FAO Yearbook Fishery Statistics

1 ANNUAL LANDING BY SPECIES - 1999
 1-3 Nominal Catch by Species
 (3) Korea

Catch unit in Tonnes

| Unit of fishing effort No. of units No. of trips No. of days No. of hauls No. of hours | Type of Gear | Total | Hook and Line | Gill net | Ring Net | Purse Seine | Trawl Net |
|---|--------------|---------|---------------|----------|----------|-------------|-----------|
| | | | | | | | |
| TOTAL CATCH | | | | | | | |
| | | 141,416 | | | | | |
| Skipjack tuna | | | | | | | |
| Yellowfin tuna | SKJ | 3601 | 106,068 | | | | |
| Big-eye tuna | YFT | 3602 | 31,954 | | | | |
| Longtail tuna | BET | 3603 | 3,131 | | | | |
| Albacore | LOT | 3604 | | | | | |
| Eastern little tuna | ALB | 3605 | 147 | | | | |
| Frigate and bullet tuna | KAW | 3606 | | | | | |
| Indo-pacific swordfish, sailfish and marlin | FRZ | 3607 | | | | | |
| Narrow-barred king mackerel | BIL | 3608 | 59 | | | | |
| King mackerel | COM | 3609 | | | | | |
| Straked seerfish | GUT | 3610 | | | | | |
| Frigate tuna | STS | 3611 | | | | | |
| Bullet tuna | FRI | 3612 | | | | | |
| Southern bluefin tuna | BLT | 3613 | | | | | |
| Indo-pacific bonito | SBF | 3614 | | | | | |
| Tunas and bonito NEI | BIP | 3615 | | | | | |
| Wahoo | TUN | 3616 | | | | | |
| Seerfish NEI | WAH | 3617 | | | | | |
| Swordfish | KGX | 3618 | | | | | |
| Indo-pacific sailfish | SWO | 3619 | 3 | | | | |
| Black marlin | SFA | 3620 | 9 | | | | |
| Indo-pacific blue marlin | BLM | 3621 | 7 | | | | |
| Striped marlin | BLZ | 3622 | 25 | | | | |
| Other NEI (TUNA) | MLS | 3623 | 13 | | | | |
| | OTH | 3624 | | | | | |

*Data extracted from The FAO Yearbook Fishery Statistics

1 ANNUAL LANDING BY SPECIES - 1999
 1-3 Nominal Catch by Species
 (4) Philippines

Catch unit in Tonnes

| Unit of fishing effort | Type of Gear | Total | Hook and Line | Gill net | Ring Net | Purse Seine | Trawl Net | |
|---|--------------|----------|---------------|---------------|----------|-------------|-------------|-----------|
| No. of units | | | | | | | | |
| No. of trips | | | | | | | | |
| No. of days | | | | | | | | |
| No. of hauls | | | | | | | | |
| No. of hours | | | | | | | | |
| TOTAL CATCH | | 352,265 | | | | | | |
| Species (group) | CODES | Code No. | Total | Hook and Line | Gill net | Ring Net | Purse Seine | Trawl Net |
| Skipjack tuna | SKJ | 3601 | 108,778 | | | | | |
| Yellowfin tuna | YFT | 3602 | 90,353 | | | | | |
| Big-eye tuna | BET | 3603 | | | | | | |
| Longtail tuna | LOT | 3604 | | | | | | |
| Albacore | ALB | 3605 | | | | | | |
| Eastern little tuna | KAW | 3606 | 25,406 | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | 111,301 | | | | | |
| Indo-Pacific swordfish, sailfish and marlin | BIL | 3608 | 5,082 | | | | | |
| Narrow-barred king mackerel | COM | 3609 | 9,137 | | | | | |
| King mackerel | GUT | 3610 | | | | | | |
| Streked seerfish | STS | 3611 | | | | | | |
| Frigate tuna | FRI | 3612 | | | | | | |
| Bullet tuna | BLT | 3613 | | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | | |
| Indo-Pacific bonito | BIP | 3615 | | | | | | |
| Tunas and bonito NEI | TTUN | 3616 | | | | | | |
| Wahoo | WAH | 3617 | | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | | |
| Swordfish | SWO | 3619 | | | | | | |
| Indo-Pacific sailfish | SFA | 3620 | | | | | | |
| Black marlin | BLM | 3621 | | | | | | |
| Indo-Pacific blue marlin | BLZ | 3622 | 2,208 | | | | | |
| Striped marlin | MLS | 3623 | | | | | | |
| Other NEI | OTH | 3624 | | | | | | |

*Data extracted from The FAO Yearbook Fishery Statistics

1 ANNUAL LANDING BY SPECIES - 1999
 1-3 Nominal Catch by Species
 (5) Singapore

Catch unit in Tonnes

| Unit of fishing effort | Type of Gear | Total | Hook and Line | Gill net | Ring Net | Purse Seine | Trawl Net |
|---|--------------|----------|---------------|---------------|----------|-------------|-------------|
| No. of units | | | | | | | |
| No. of trips | | | | | | | |
| No. of days | | | | | | | |
| No. of hauls | | | | | | | |
| No. of hours | | | | | | | |
| TOTAL CATCH | | 102 | | | | | |
| Species (group) | CODES | Code No. | Total | Hook and Line | Gill net | Ring Net | Purse Seine |
| Skipjack tuna | SKJ | 3601 | 23 | | | | |
| Yellow fin tuna | YFT | 3602 | | | | | |
| Big-eye tuna | BET | 3603 | | | | | |
| Longtail tuna | LOT | 3604 | | | | | |
| Albacore | ALB | 3605 | | | | | |
| Eastern little tuna | KAW | 3606 | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | | | | | |
| Indo-Pacific swordfish, sailfish and marlin | BIL | 3608 | | | | | |
| Narrow-banded king mackerel | COM | 3609 | | | | | |
| King mackerel | GUT | 3610 | | | | | |
| Streaked seerfish | STS | 3611 | | | | | |
| Frigate tuna | FRI | 3612 | | | | | |
| Bullet tuna | BLT | 3613 | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | |
| Indo-Pacific bonito | BIP | 3615 | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | |
| Wahoo | WAH | 3617 | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | |
| Swordfish | KGX | 3618 | | | | | |
| Indo-Pacific sailfish | SWO | 3619 | | | | | |
| Black marlin | SFA | 3620 | | | | | |
| Indo-Pacific blue marlin | BLM | 3621 | | | | | |
| Striped marlin | BLZ | 3622 | | | | | |
| Other NEI | MLS | 3623 | | | | | |
| | OTH | 3624 | | | | | |
| | | | 79 | | | | |

*Data extracted from The FAO Yearbook Fishery Statistics

1 ANNUAL LANDING BY SPECIES - 1999
1-3 Nominal Catch by Species
(6) Taiwan

Catch unit in Tonnes

| Unit of fishing effort | Type of Gear | Total | Catch unit in Tonnes | | | | | |
|--|--------------|----------|----------------------|---------------|----------|-------------|-------------|-----------|
| | | | Hook and line | Gill net | Ring net | Purse seine | Trawl net | |
| No. of units | | | | | | | | |
| No. of trips | | | | | | | | |
| No. of days | | | | | | | | |
| No. of hauls | | | | | | | | |
| No. of hours | | | | | | | | |
| TOTAL CATCH | | 258,785 | | | | | | |
| Species (group) | CODES | Code No. | Total | Hook and line | Gill net | Ring net | Purse seine | Trawl net |
| Skipjack tuna | SKJ | 3601 | 161,321 | | | | | |
| Yellowfin tuna | YFT | 3602 | 63,464 | | | | | |
| Big-eye tuna | BET | 3603 | 15,996 | | | | | |
| Longtail tuna | LOT | 3604 | 2,772 | | | | | |
| Albacore | ALB | 3605 | 3,017 | | | | | |
| Eastern little tuna | KAW | 3606 | 2,065 | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | | | | | | |
| Indo-Pacific swordfish,sailfish and marlin | BIL | 3608 | | | | | | |
| Narrow-banded king mackerel | COM | 3609 | | | | | | |
| King mackerel | GUT | 3610 | | | | | | |
| Straked seerfish | STS | 3611 | | | | | | |
| Frigate tuna | FRI | 3612 | | | | | | |
| Bullet tuna | BLT | 3613 | | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | | |
| Indo-Pacific bonito | BIP | 3615 | | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | | |
| Wahoo | WAH | 3617 | | | | | | |
| Seerfish NEI | KGX | 3618 | | | | | | |
| Swordfish | SWO | 3619 | 2,177 | | | | | |
| Indo-Pacific sailfish | SFA | 3620 | 153 | | | | | |
| Black marlin | BLM | 3621 | 389 | | | | | |
| Indo-Pacific blue marlin | BLZ | 3622 | 7,153 | | | | | |
| Striped marlin | MIS | 3623 | 278 | | | | | |
| Other NEI | OTH | 3624 | | | | | | |

*Data extracted from The FAO Yearbook Fishery Statistics

1 ANNUAL LANDING BY SPECIES - 1999
 1-3 Nominal Catch by Species
 (7) Thailand

Catch unit in Tonnes

| Unit of fishing effort No. of units No. of trips No. of days No. of hauls No. of hours | Type of Gear | Total | Hook and line | Gill net | Ring net | Purse seine | Trawl net | |
|---|--------------|--------|---------------|----------|----------|-------------|-----------|-----------------|
| | | | | | | | | Species (group) |
| TOTAL CATCH | | | | | | | | |
| | | 84,600 | | | | | | |
| Skipjack tuna | SKJ | 3601 | | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | | |
| Big-eye tuna | BET | 3603 | | | | | | |
| Longtail tuna | LOT | 3604 | 29,000 | | | | | |
| Albacore | ALB | 3605 | | | | | | |
| Eastern little tuna | KAW | 3606 | 27,500 | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | 18,500 | | | | | |
| Indo-Pacific swordfish, sailfish and marlin | BIL | 3608 | | | | | | |
| Narrow-barred king mackerel | COM | 3609 | | | | | | |
| King mackerel | GUT | 3610 | | | | | | |
| Streaked seerfish | STS | 3611 | | | | | | |
| Frigate tuna | FRI | 3612 | | | | | | |
| Bullet tuna | BLT | 3613 | | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | | |
| Indo-Pacific bonito | BIP | 3615 | | | | | | |
| Tunas and bonito NEI | TUN | 3616 | | | | | | |
| Wahoo | WAH | 3617 | | | | | | |
| Seerfish NEI | KGX | 3618 | 9,600 | | | | | |
| Swordfish | SWO | 3619 | | | | | | |
| Indo-Pacific sailfish | SFA | 3620 | | | | | | |
| Black marlin | BLM | 3621 | | | | | | |
| Indo-Pacific blue marlin | BLZ | 3622 | | | | | | |
| Striped marlin | MLS | 3623 | | | | | | |
| Other NEI | OTH | 3624 | | | | | | |

* Data extracted from The FAO Yearbook Fishery Statistics (FAO estimate from available sources of information or calculation based on specific assumptions)

2. MONTHLY LANDING BY SPECIES 1999

2-1 Catch and Fishing Effort by Month

(1) Malaysia

Peninsular Malaysia

West Coast of Peninsular

East Coast of Peninsular

Sabah

Sarawak

Labuan

2 MONTHLY LANDING BY SPECIES - 1999
 2-1 Catch and Fishing Effort by Month (Unclassified)
 (1) Malaysia

Catch unit in Tonnes

| Unit of fishing effort No. of units No. of trips No. of days No. of hauls | Month | | | | | | | | | | | | | | |
|---|--------|----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | |
| TOTAL CATCH | | | | | | | | | | | | | | | |
| | 79,829 | 5,777 | 7,404 | 8,124 | 7,032 | 8,220 | 6,848 | 6,046 | 6,077 | 7,415 | 8,411 | 4,895 | 3,580 | | |
| Species (group) | CODES | Code No. | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Skipjack tuna | SKJ | 3601 | | | | | | | | | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | | | | | | | | | |
| Big-eye tuna | BET | 3603 | | | | | | | | | | | | | |
| Longtail tuna | LOT | 3604 | | | | | | | | | | | | | |
| Albacore | ALB | 3605 | | | | | | | | | | | | | |
| Eastern little tuna | KAW | 3606 | | | | | | | | | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | | | | | | | | | | | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 2,046 | 50 | 16 | 27 | 23 | 14 | 9 | 17 | 4 | 12 | 1,837 | 17 | 20 |
| Narrow-barred king mackerel | COM | 3609 | | | | | | | | | | | | | |
| King mackerel | GUT | 3610 | | | | | | | | | | | | | |
| Streaked seerfish | STS | 3611 | | | | | | | | | | | | | |
| Frigate tuna | FRI | 3612 | | | | | | | | | | | | | |
| Bullet tuna | BLT | 3613 | | | | | | | | | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | | | | | | | | | |
| Indo-pacific bonito | BIP | 3615 | | | | | | | | | | | | | |
| Tunas and bonito NEI | TUN | 3616 | 60,019 | 3,716 | 5,391 | 6,577 | 5,668 | 6,653 | 5,459 | 4,533 | 4,750 | 5,818 | 5,170 | 3,584 | 2,700 |
| Wahoo | WAH | 3617 | | | | | | | | | | | | | |
| Seerfish NEI | KGX | 3618 | 17,764 | 2,011 | 1,997 | 1,520 | 1,341 | 1,553 | 1,380 | 1,496 | 1,323 | 1,585 | 1,404 | 1,294 | 860 |
| Swordfish | SWO | 3619 | | | | | | | | | | | | | |
| Indo-pacific sailfish | SFA | 3620 | | | | | | | | | | | | | |
| Black marlin | BLM | 3621 | | | | | | | | | | | | | |
| Indo-pacific blue marlin | BLZ | 3622 | | | | | | | | | | | | | |
| Striped marlin | MLS | 3623 | | | | | | | | | | | | | |
| Other NEI (TUNA) | OTH | 3624 | | | | | | | | | | | | | |

2 MONTHLY LANDING BY SPECIES - 1999

2-1 Catch and Fishing Effort by Month (Unclassified)

(1) Malaysia

Sub-area: Peninsular Malaysia

Catch unit in Tonnes

| Unit of fishing effort | Month | | | | | | | | | | | | | | | |
|---|-----------------|--------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | | |
| No. of units | | | | | | | | | | | | | | | | |
| No. of trips | | | | | | | | | | | | | | | | |
| No. of days | | | | | | | | | | | | | | | | |
| No. of hauls | | | | | | | | | | | | | | | | |
| | TOTAL CATCH | 47,298 | 2,414 | 3,766 | 5,590 | 4,620 | 5,203 | 3,754 | 3,799 | 3,872 | 4,596 | 6,136 | 2,292 | 1,256 | | |
| | Species (group) | CODES | Code No. | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Skipjack tuna | SKJ | 3601 | | | | | | | | | | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | | | | | | | | | | |
| Big-eye tuna | BET | 3603 | | | | | | | | | | | | | | |
| Longtail tuna | LOT | 3604 | | | | | | | | | | | | | | |
| Albacore | ALB | 3605 | | | | | | | | | | | | | | |
| Eastern little tuna | KAW | 3606 | | | | | | | | | | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | | | | | | | | | | | | | | |
| Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | 1,827 | 5 | 6 | | | 1 | | | 3 | | 1,812 | | | |
| Narrow-banded king mackerel | COM | 3609 | | | | | | | | | | | | | | |
| King mackerel | GUT | 3610 | | | | | | | | | | | | | | |
| Straked seerfish | STS | 3611 | | | | | | | | | | | | | | |
| Frigate tuna | FRI | 3612 | | | | | | | | | | | | | | |
| Bullet tuna | BLT | 3613 | | | | | | | | | | | | | | |
| Southern bluefin tuna | SBF | 3614 | | | | | | | | | | | | | | |
| Indo-pacific bonito | BIP | 3615 | | | | | | | | | | | | | | |
| Tunas and bonito NEI | TUN | 3616 | 37,259 | 1,678 | 3,040 | 4,807 | 4,112 | 4,632 | 3,150 | 2,931 | 3,200 | 3,682 | 3,528 | 1,669 | 830 | |
| Wahoo | WAH | 3617 | | | | | | | | | | | | | | |
| Seerfish NEI | KGX | 3618 | 8,212 | 731 | 720 | 783 | 507 | 571 | 604 | 868 | 672 | 911 | 796 | 623 | 426 | |
| Swordfish | SWO | 3619 | | | | | | | | | | | | | | |
| Indo-pacific sailfish | SFA | 3620 | | | | | | | | | | | | | | |
| Black marlin | BLM | 3621 | | | | | | | | | | | | | | |
| Indo-pacific blue marlin | BLZ | 3622 | | | | | | | | | | | | | | |
| Striped marlin | MLS | 3623 | | | | | | | | | | | | | | |
| Other NEI (TUNA) | OTH | 3624 | | | | | | | | | | | | | | |

2 MONTHLY LANDING BY SPECIES - 1999
2-1 Catch and Fishing Effort by Month (Unclassified)
 (1) Malaysia

Sub-area: West Coast of Peninsular Malaysia

Catch unit in Tonnes

| Unit of fishing effort | Month | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | |
|------------------------|---|--------|----------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| No. of units | | | | | | | | | | | | | | | | |
| No. of trips | | | | | | | | | | | | | | | | |
| No. of days | | | | | | | | | | | | | | | | |
| No. of hauls | | | | | | | | | | | | | | | | |
| | TOTAL CATCH | 12,937 | 1,289 | 900 | 1,168 | 1,352 | 993 | 630 | 1,052 | 1,226 | 1,536 | 1,103 | 828 | 860 | | |
| | Species (group) | CODES | Code No. | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| | Skipjack tuna | SKJ | 3601 | | | | | | | | | | | | | |
| | Yellowfin tuna | YFT | 3602 | | | | | | | | | | | | | |
| | Big-eye tuna | BET | 3603 | | | | | | | | | | | | | |
| | Longtail tuna | LOT | 3604 | | | | | | | | | | | | | |
| | Albacore | ALB | 3605 | | | | | | | | | | | | | |
| | Eastern little tuna | KAW | 3606 | | | | | | | | | | | | | |
| | Frigate and bullet tuna | FRZ | 3607 | | | | | | | | | | | | | |
| | Indo-pacific swordfish, sailfish and marlin | BIL | 3608 | | | | | | | | | | | | | |
| | Narrow-barred king mackerel | COM | 3609 | | | | | | | | | | | | | |
| | King mackerel | GUT | 3610 | | | | | | | | | | | | | |
| | Streaked seerfish | STS | 3611 | | | | | | | | | | | | | |
| | Frigate tuna | FRI | 3612 | | | | | | | | | | | | | |
| | Bullet tuna | BLT | 3613 | | | | | | | | | | | | | |
| | Southern bluefin tuna | SBF | 3614 | | | | | | | | | | | | | |
| | Indo-pacific bonito | BIP | 3615 | | | | | | | | | | | | | |
| | Tunas and bonito NEI | TUN | 3616 | 8,354 | 811 | 509 | 738 | 1,093 | 711 | 307 | 660 | 774 | 1,005 | 686 | 505 | 555 |
| | Wahoo | WAH | 3617 | | | | | | | | | | | | | |
| | Seerfish NEI | KGX | 3618 | 4,583 | 478 | 391 | 430 | 259 | 282 | 323 | 392 | 452 | 531 | 417 | 323 | 305 |
| | Swordfish | SWO | 3619 | | | | | | | | | | | | | |
| | Indo-pacific sailfish | SFA | 3620 | | | | | | | | | | | | | |
| | Black marlin | BLM | 3621 | | | | | | | | | | | | | |
| | Indo-pacific blue marlin | BLZ | 3622 | | | | | | | | | | | | | |
| | Striped marlin | MIS | 3623 | | | | | | | | | | | | | |
| | Other NEI (TUNA) | OTH | 3624 | | | | | | | | | | | | | |

2 MONTHLY LANDING BY SPECIES - 1999

2-1 Catch and Fishing Effort by Month (Unclassified)

(1) Malaysia

Sub-area: Sarawak

Catch unit in Tonnes

| Unit of fishing effort | Month | TOTAL CATCH | | | | | | | | | | | | | |
|---|-------|-------------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| No. of units | | | | | | | | | | | | | | | |
| No. of trips | | | | | | | | | | | | | | | |
| No. of days | | | | | | | | | | | | | | | |
| No. of hauls | | | | | | | | | | | | | | | |
| | | 7,641 | 937 | 1,097 | 384 | 540 | 768 | 943 | 518 | 654 | 694 | 540 | 456 | 110 | |
| Species (group) | CODES | Code No. | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Skipjack tuna | SKJ | 3601 | | | | | | | | | | | | | |
| Yellowfin tuna | YFT | 3602 | | | | | | | | | | | | | |
| Big-eye tuna | BET | 3603 | | | | | | | | | | | | | |
| Longtail tuna | LOT | 3604 | | | | | | | | | | | | | |
| Albacore | ALB | 3605 | | | | | | | | | | | | | |
| Eastern little tuna | KAW | 3606 | | | | | | | | | | | | | |
| Frigate and bullet tuna | FRZ | 3607 | | | | | | | | | | | | | |
| Indo-pacific swordfish, sailfish and marlin | FRZ | 3607 | | | | | | | | | | | | | |
| Narrow-barred king mackerel | BIL | 3608 | | | | | | | | | | | | | |
| King mackerel | COM | 3609 | | | | | | | | | | | | | |
| Streked seerfish | GUT | 3610 | | | | | | | | | | | | | |
| Frigate tuna | STS | 3611 | | | | | | | | | | | | | |
| Bullet tuna | FRI | 3612 | | | | | | | | | | | | | |
| Southern bluefin tuna | BLT | 3613 | | | | | | | | | | | | | |
| Indo-pacific bonito | SBF | 3614 | | | | | | | | | | | | | |
| Tunas and bonito NEI | BIP | 3615 | | | | | | | | | | | | | |
| Wahoo | TUN | 3616 | 3,816 | 282 | 536 | 176 | 203 | 269 | 630 | 259 | 364 | 412 | 337 | 285 | 63 |
| Seerfish NEI | WAH | 3617 | | | | | | | | | | | | | |
| Swordfish | KGX | 3618 | 3,825 | 655 | 561 | 208 | 337 | 499 | 313 | 259 | 290 | 282 | 203 | 171 | 47 |
| Indo-pacific sailfish | SWO | 3619 | | | | | | | | | | | | | |
| Black marlin | SFA | 3620 | | | | | | | | | | | | | |
| Indo-pacific blue marlin | BLM | 3621 | | | | | | | | | | | | | |
| Striped marlin | BLZ | 3622 | | | | | | | | | | | | | |
| Other NEI (TUNA) | MLS | 3623 | | | | | | | | | | | | | |
| | OTH | 3624 | | | | | | | | | | | | | |

2 MONTHLY LANDING BY SPECIES - 1999

2-1 Catch and Fishing Effort by Month (Unclassified)

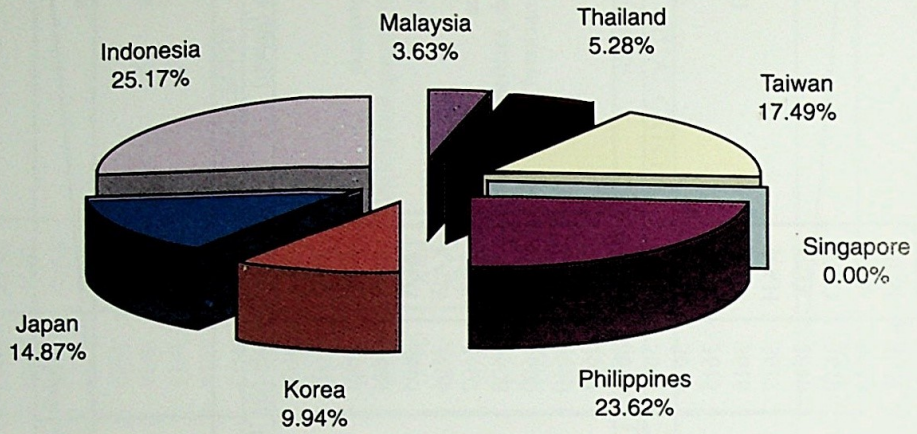
(1) Malaysia

Sub-area: Labuan

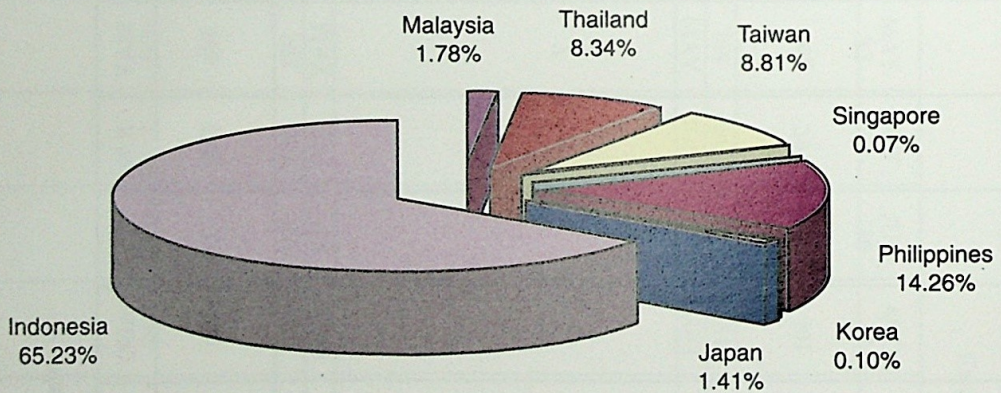
Catch unit in Tonnes

| Unit of fishing effort | Month | | | | | | | | | | | | | | | |
|---|-----------------|-------|----------|-------|-----|-----|-----|-----|-----|-----|-------|-----|-------|-----|-----|-----|
| | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | | |
| No. of units | | | | | | | | | | | | | | | | |
| No. of trips | | | | | | | | | | | | | | | | |
| No. of days | | | | | | | | | | | | | | | | |
| No. of hauls | | | | | | | | | | | | | | | | |
| | TOTAL CATCH | 7,316 | 611 | 374 | 709 | 673 | 502 | 802 | 389 | 412 | 1,080 | 553 | 616 | 595 | | |
| | Species (group) | CODES | Code No. | TOTAL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Skipjack tuna | | SKJ | 3601 | | | | | | | | | | | | | |
| Yellowfin tuna | | YFT | 3602 | | | | | | | | | | | | | |
| Big-eye tuna | | BET | 3603 | | | | | | | | | | | | | |
| Longtail tuna | | LOT | 3604 | | | | | | | | | | | | | |
| Albacore | | ALB | 3605 | | | | | | | | | | | | | |
| Eastern little tuna | | KAW | 3606 | | | | | | | | | | | | | |
| Frigate and bullet tuna | | FRZ | 3607 | | | | | | | | | | | | | |
| Indo-pacific swordfish, sailfish and marlin | | BIL | 3608 | 10 | 1 | 1 | 1 | | 7 | | | | | | | |
| Narrow-banded king mackerel | | COM | 3609 | | | | | | | | | | | | | |
| King mackerel | | GUT | 3610 | | | | | | | | | | | | | |
| Streked seerfish | | STS | 3611 | | | | | | | | | | | | | |
| Frigate tuna | | FRI | 3612 | | | | | | | | | | | | | |
| Bullet tuna | | BLT | 3613 | | | | | | | | | | | | | |
| Southern bluefin tuna | | SBF | 3614 | | | | | | | | | | | | | |
| Indo-pacific bonito | | BIP | 3615 | | | | | | | | | | | | | |
| Tunas and bonito NEI | | TUN | 3616 | 7,106 | 591 | 345 | 691 | 635 | 462 | 797 | 379 | 401 | 1,066 | 545 | 604 | 590 |
| Wahoo | | WAH | 3617 | | | | | | | | | | | | | |
| Seerfish NEI | | KGX | 3618 | 200 | 19 | 28 | 17 | 38 | 33 | 5 | 10 | 11 | 14 | 8 | 12 | 5 |
| Swordfish | | SWO | 3619 | | | | | | | | | | | | | |
| Indo-pacific sailfish | | SFA | 3620 | | | | | | | | | | | | | |
| Black marlin | | BLM | 3621 | | | | | | | | | | | | | |
| Indo-pacific blue marlin | | BLZ | 3622 | | | | | | | | | | | | | |
| Striped marlin | | MLS | 3623 | | | | | | | | | | | | | |
| Other NEI (TUNA) | | OTH | 3624 | | | | | | | | | | | | | |

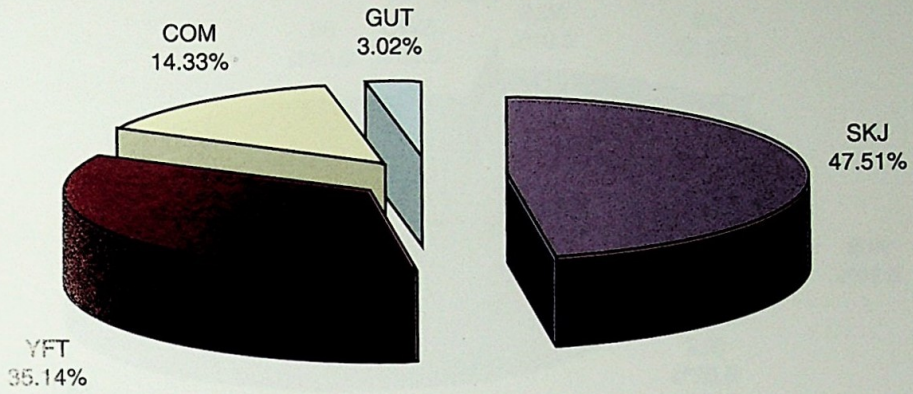
Tuna Species Landings in Southeast Asian Region 1999



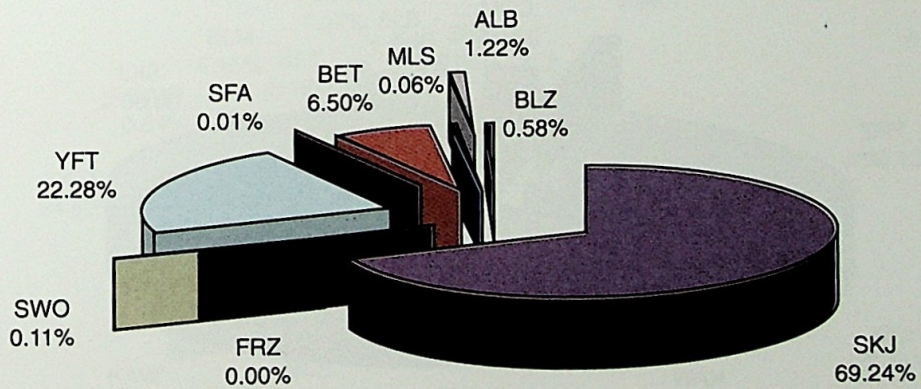
Tuna Like Species Landings in Southeast Asian Region 1999



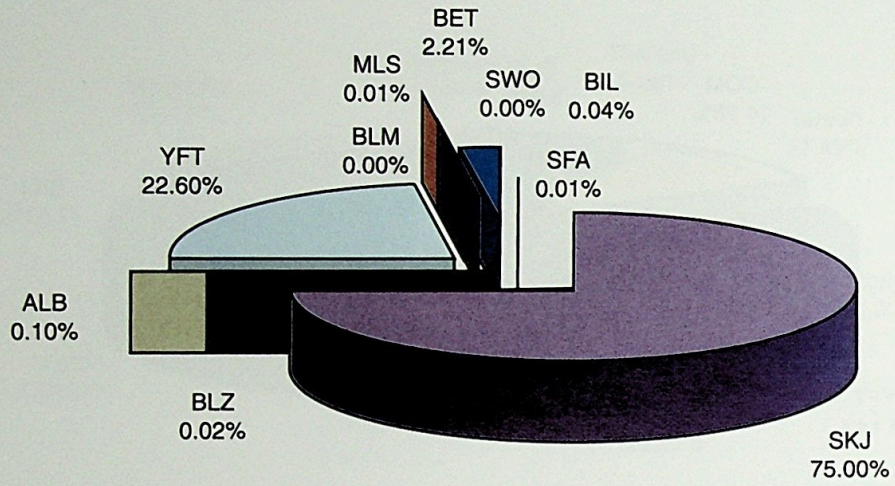
Tuna Landing By Species in Indonesia 1999



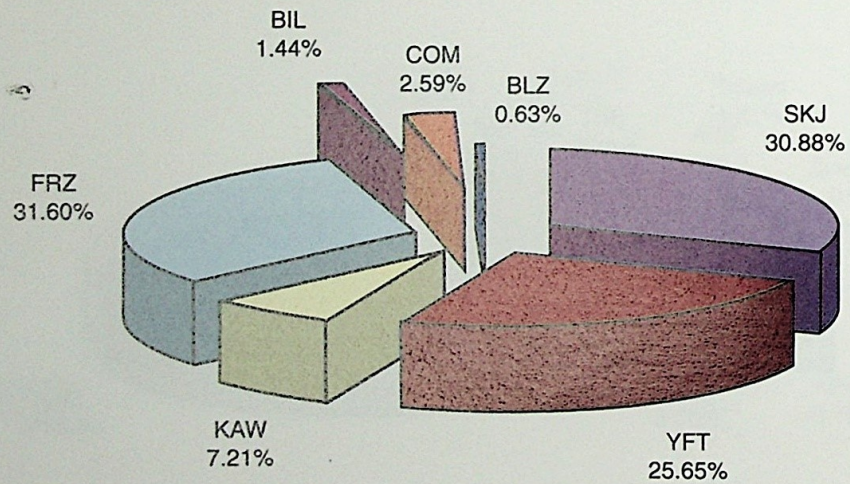
Tuna Landing By Species in Japan 1999



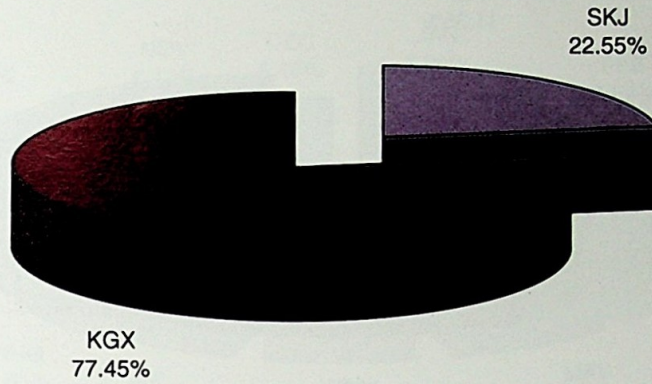
Tuna Landing By Species in Korea 1999



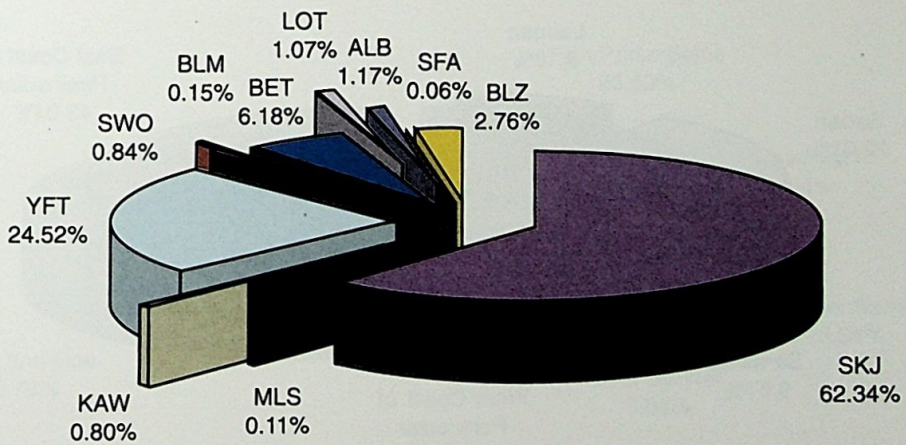
Tuna Landing By Species in Philippines 1999



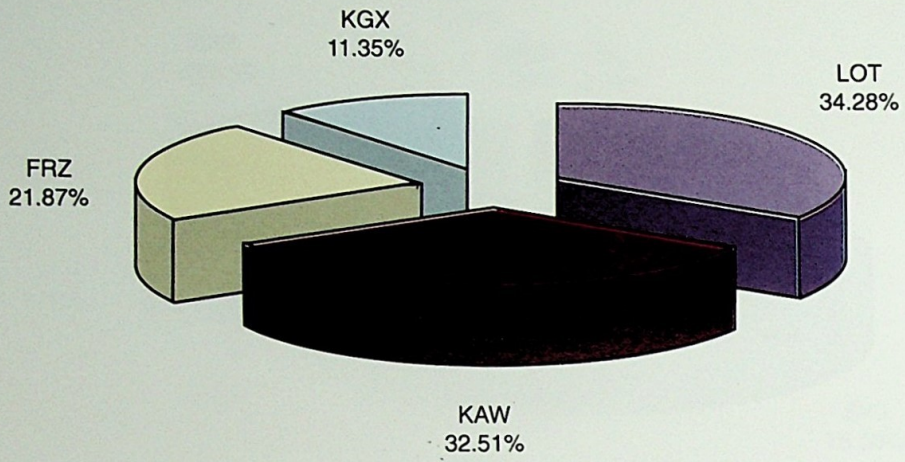
Tuna Landing By Species in Singapore 1999



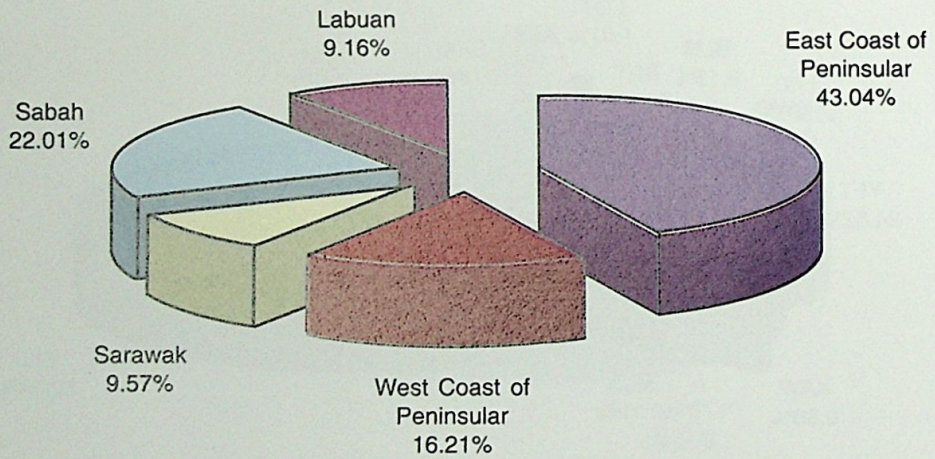
Tuna Landing By Species in Taiwan 1999



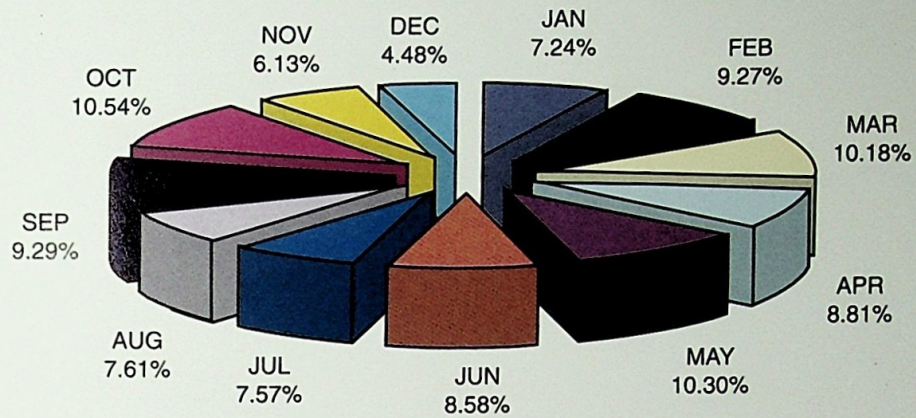
Tuna Landing By Species in Thailand 1999



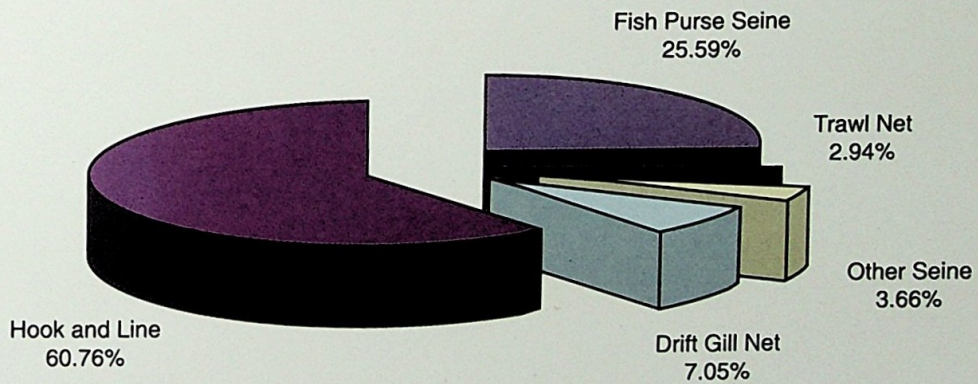
Tuna Landings By Area in Malaysia 1999



Monthly Landings of Tuna in Malaysia 1999



Tuna Landing By Type of Fishing Gear in Malaysia 1999



SEAFDE