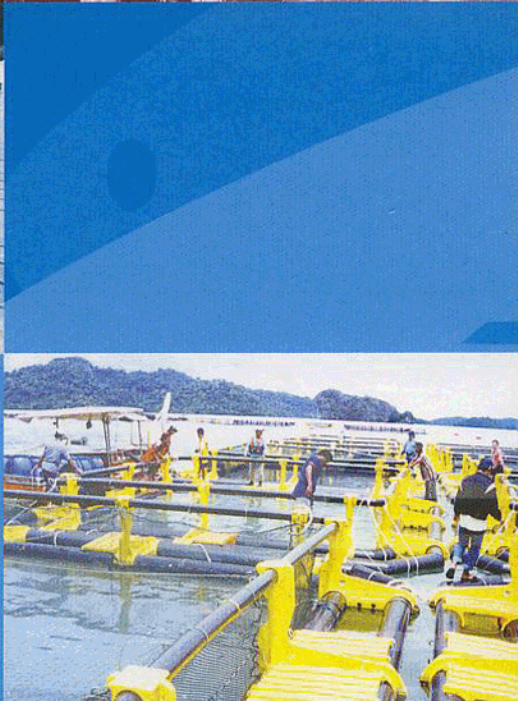




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ANNUAL FISHERIES STATISTICS

1984



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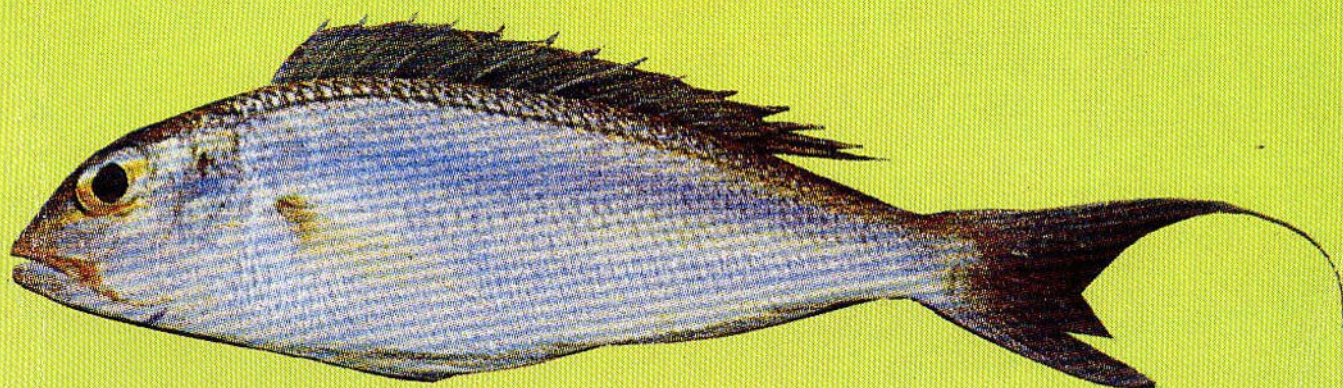
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PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

1984



JABATAN PERIKANAN
DEPARTMENT OF FISHERIES
KEMENTERIAN PERTANIAN MALAYSIA
MINISTRY OF AGRICULTURE MALAYSIA
KUALA LUMPUR, MALAYSIA

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PENDAHULUAN

Beberapa perubahan telah dibuat dalam laporan tahun 1984. Seperti dapat dilihat kulit laporan telah diubah kepada satu rekabentuk yang lebih sesuai dengan perubahan yang dilakukan kepada format. Dalam segi kandungan pula, beberapa jadual telah diubahsuai untuk menyenangkan rujukan, sesiapa yang berminat untuk mendapat data yang tidak dimasukkan dalam laporan ini, sila menghubungi Jabatan Perikanan Malaysia. Kami harap tuan/puan akan mendapati laporan ini sangat berguna.

Terima kasih.

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UNIT SISTEM MAKLUMAT PERIKANAN
JABATAN PERIKANAN MALAYSIA
KUALA LUMPUR

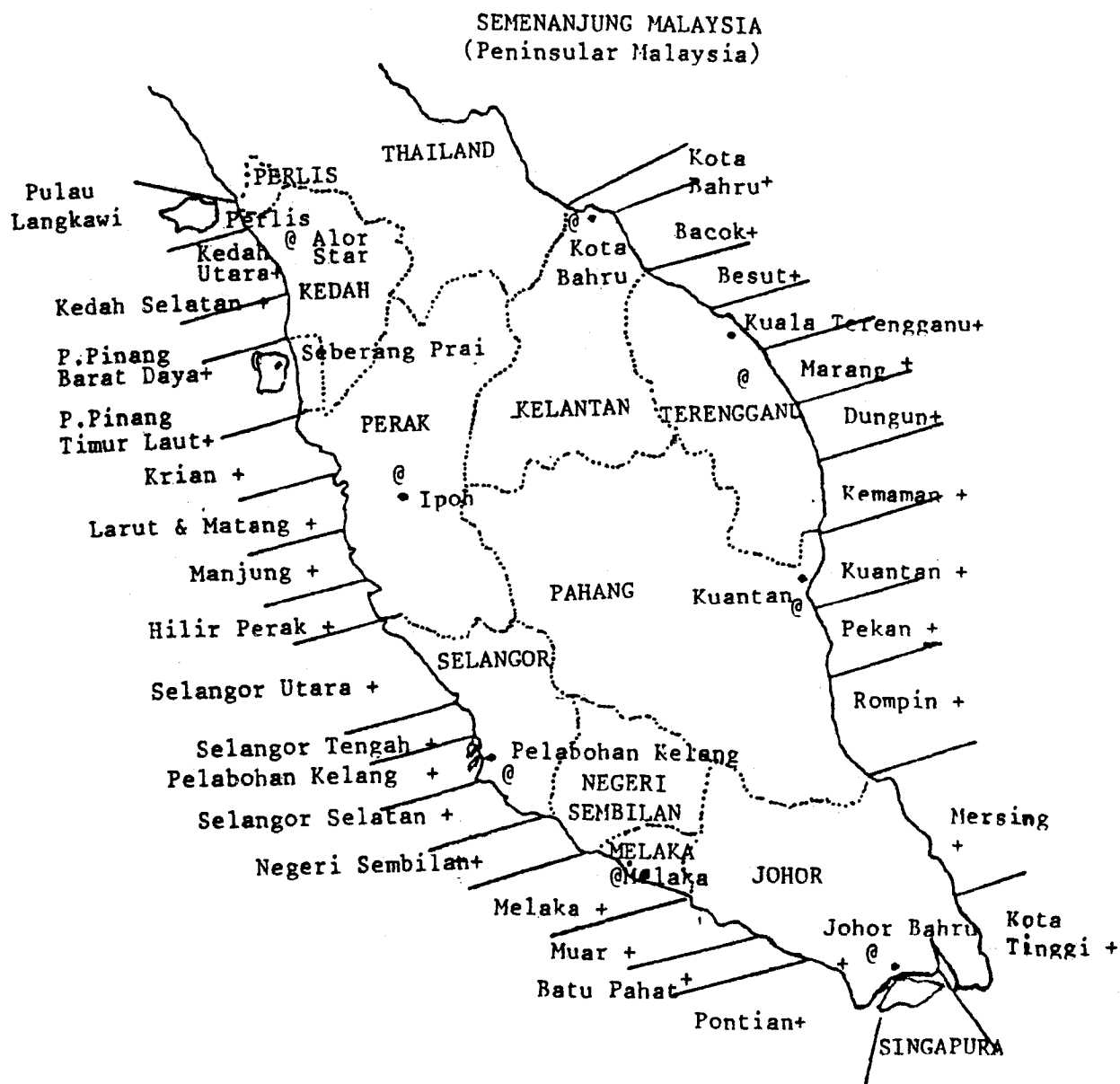
FOREWARD

There are a few changes made in 1984 report. As you can see we have used a new design for the cover which is more appropriate to the change in the format. As for the contents, the tables have been simplified for ease of reference. Those who are interested in the details not included in the publication may contact the Department of Fisheries of Malaysia. We hope you will find this report of great use.

Thank you.

RABIAH MAHMOOD
FISHERIES INFORMATION SYSTEM UNIT
DEPARTMENT OF FISHERIES MALAYSIA
KUALA LUMPUR

MALAYSIA - DAERAH-DAERAH PERIKANAN
(Malaysia - Fisheries Districts)



- Sempadan Negeri
(State Boundary)
- @ Pengarah Perikanan Negeri
(State Director of Fisheries)
- +/. Pejabat Perikanan Daerah
(Fisheries Districts Office)

SARAWAK

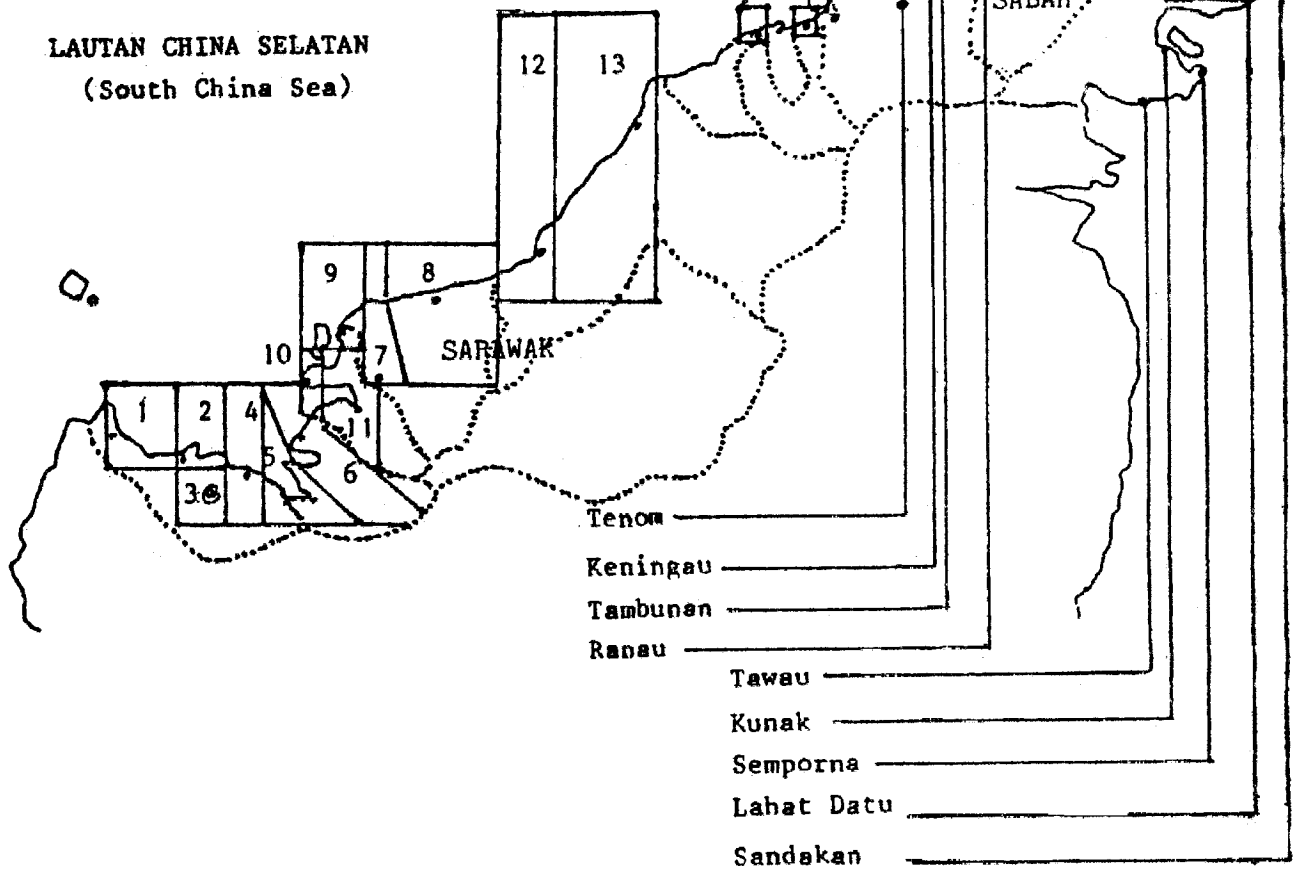
- 1) Sematan
- 2) Bintawa
- 3) Kuching
- 4) Pendam
- 5) Sri Aman
- 6) Kabong
- 7) Sibu
- 8) Mukah
- 9) Daro
- 10) Selawei
- 11) Sarikei
- 12) Bintulu
- 13) Miri
- 14) Limbang
- 15) Lawas

SABAH

- Beluran
- Kudat
- Kota Merudu
- Kota Belud
- Tuaran
- Likas
- © Kota Kinabalu
- Papar
- Beaufort
- Penyu
- Sipitang

SABAH & SARAWAK

LAUTAN CHINA SELATAN
(South China Sea)



KANDUNGAN (CONTENTS)

MUKA SURAT
(Page)

ANALISA (Analysis)	Kedudukan Sektor Perikanan Tahun 1984 1 - 35 (The Status of the Fisheries Sector 1984)
CARTA-CARTA (Charts)	Bilangan Bot-Bot Menangkap Ikan Yang Dilesenkan, Malaysia 1975 - 1984 36 (Number of Fishing Boats Licensed in Malaysia 1975 - 1984)
A	
B	Aliran Pendaratan Ikan Laut Malaysia 1975 - 1984 37 (Trend of Marine Landings, Malaysia 1975 - 1984)
C	Aliran Pendaratan Udang Semenanjung Malaysia, 1975 - 1984 38 (Trend of Prawns Landings, Peninsular Malaysia 1975 - 1984)
D	Pendaratan Udang Semenanjung Malaysia, 1984 39 (Prawn Landings, Peninsular Malaysia, 1984)
E	Pendaratan Pukat Tunda Semenanjung Malaysia, 1980 - 1984 40 (Trawl Landings, Peninsular Malaysia, 1980 - 1984)
F	Pendaratan Pukat Jerut Mengikut Jenis Ikan, Semenanjung Malaysia, 1984 41 (Purse-Seine Landings by Species, Peninsular Malaysia, 1984)
G	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas, Semenanjung Malaysia, 1984 42 (Landings of Marine Fish by Gear Group, Peninsular Malaysia, 1984)
H	Nilai Pasaran dan Pendaratan Ikan Laut, Semenanjung Malaysia, 1975 - 1984 43 (Market Values and Landings of Marine Fish, Peninsular Malaysia, 1975 - 1984)
I	Siri Tahunan Import dan Eksport Barangan Perikanan Mengikut Kuantiti dan Nilai, Semenanjung Malaysia, 1980 - 1984 44 (Annual Series of Fishery Commodities of Imports and Exports by Quantity and Value, Peninsular Malaysia, 1980 - 1984)

J	Import dan Eksport Barangan Perikanan Mengikut Kuantiti, Nilai dan Negeri Asal/Destinasasi Utama, Semenanjung Malaysia, 1984.....45 (Import and Export of Fishery Commodities by Quantity, Value and Major Country of Origin/Destination, Peninsular Malaysia, 1984)
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SEKSI 1 - PERIKANAN LAUT, MALAYSIA
(SECTION 1 - MARINE FISHERIES, MALAYSIA)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

JADUAL
(Table)

1.1.	Bilangan Nelayan-Nelayan yang bekerja Diatas Bot-bot Berlesen, 1984 46 (Number of Fishermen Working in Licensed Boats, 1984)
1.2	Bilangan Nelayan-Nelayan yang Bekerja Diatas Bot-Bot Berlesen Mengikut Kumpulan-Kumpulan Perkakas dan Negeri, 1984 47 (Number of Fishermen Working in Licensed Boats by Gear Group and State, 1984)
2.1.	Bilangan Bot-Bot Menangkap Ikan yang Dilesenkan Mengikut Negeri dan Kelas Muatan, 1984 48 (Number of Licensed Fishing Boats by State and Tonnage class, 1984)
2.2.	Bilangan Bot-Bot Menangkap Ikan yang Dilesenkan Mengikut Negeri dan Kuasa Kuda, 1984..... 49 (Number of Licensed Fishing Boats by State and Horsepower, 1984)
2.3.	Bilangan Bot-Bot Menangkap Ikan yang Dilesenkan dan Nelayan-Nelayan Mengikut Daerah-Daerah Perikanan, 1984. 50 (Number of Licensed Fishing Boats and Fishermen by Fisheries Districts, 1984)

2.4.	Bilangan Bot-Bot Yang Dilesenkan dan Bilangan Nelayan-Nelayan Yang Bekerja Di bot-bot Berlesen, 1962 - 1984 51 (Number of Fishing Boats Licensed and Number of Fishermen Operating Licensed Boats, 1962 - 1984)	51
2.5.	Bilangan Bot-Bot Menangkap Ikan yang Dilesenkan Mengikut Kumpulan Perkakas, Jenis dan Kelas Muatan, 1984 52 (Number of Licensed Fishing Boats by Gear Group, Type and Tonnage Class, 1984).	52
3.1	Perkakas-Perkakas yang Dilesenkan Mengikut Negeri, 1984. 53 (Number of Licensed Fishing Gear by State, 1984)	53
3.2.	Anggaran Perkakas-Perkakas Menangkap Ikan yang Diusahakan Mengikut Negeri, 1984. 54 (Estimated Number of Fishing Gears in Operation by State, 1984)	54
3.3.	Bilangan Perkakas-Perkakas yang Dilesenkan Mengikut Daerah Perikanan, 1984. 55 (Number of Licensed Gears by Fisheries Districts, 1984).	55
4.1.	Pendaratan Ikan Laut Mengikut Bulan dan Negeri, 1984 56 (Landings of Marine Fish by Month and State, 1984)	56
4.2.	Pendaratan Ikan Laut Mengikut Negeri dan Kumpulan Perkakas, 1984 57 (Landings of Marine Fish by State and Gear Group, 1984)	57
4.3.	Pendaratan Ikan Laut Mengikut Bulan dan Kumpulan Perkakas, 1984 58 (Landings of Marine Fish by Month and Gear Group, 1984)	58
4.4.	Pendaratan Ikan Laut Mengikut Negeri dan Jenis Ikan, 1984 59 - 60 (Landings of Marine Fish by State and Species, 1984)	59 - 60

4.5.	Pendaratan Ikan Laut Mengikut Bulan dan Jenis Ikan, 1984 (Landings of Marine Fish by Month and Species, 1984)	61 - 62
4.6.	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas dan Jenis Ikan, 1984 (Landings of Marine Fish by Gear Group and Species, 1984)	63 - 64
5.1.	Pendaratan Pukat Tunda Mengikut Kelas Muatan dan Negeri, 1984 (Landings by Trawlers by Tonnage Class and State, 1984)	65
6.1.	Harga Purata Ikan Di Pantai Mengikut Bulan, 1984 (Monthly Average Ex-Vessel Prices of Fresh Fish, 1984)	66
6.2.	Harga Borong Purata Ikan Basah Di Pasar Mengikut Bulan, 1984 (Monthly Average Wholesale Market Prices of Fresh Fish, 1984)	67
6.3.	Harga Runcit Purata Ikan Basah Di Pasar Mengikut Bulan, 1984 (Monthly Average Retail Market Prices of Fresh Fish, 1984)	68
6.4.	Nilai Harga Borong Pendaratan Ikan Laut, 1984 (Wholesale Value of Marine Fish Landings, 1984)	69
6.5.	Nilai Harga Runcit Pendaratan Ikan Laut, 1984 (Retail Value of Marine Fish Landings, 1984)	70
6.6.	Nilai Pendaratan Udang Mengikut Negeri, 1984 (Value of Prawn Landings by State, 1984)	71
6.7.	Nilai Pendaratan Udang Mengikut Kumpulan Perkakas, 1984 (Value of Prawn Landings by Gear Group, 1984)	72
7.1.	Pendaratan dan Nilai Ikan Laut Mengikut Negeri, 1984 (Landings and Value of Marine Fish by State, 1984)	73

7.2.	Siri Tahunan Pendaratan Ikan Laut dan Nilai 1980-1984. (Annual Series of Marine Fish Landings and Value 1980-1984)	74
8.1.	Penggunaan Pendaratan Ikan Laut, 1984 (Disposition of Marine Fish Landings, 1984)	75
8.2.	Hasil Ikan Laut Yang Diproses, 1984 (Processed Marine Fish Products, 1984)	76
9.1.	Kilang-Kilang Air Batu dan Kemudahan-Kemudahan Penyejukan Ditarikh 31-12-1984 (Ice Factories and Refrigeration Facilities as at 31-12-1984) ..	77
9.2.	Hasil Perikanan Dalam Ringgit Malaysia, 1984 (Fisheries Revenue in Malaysian Ringgit, 1984)	78

SARAWAK

10.1.	Bilangan Nelayan Mengikut Bahagian, 1984 (Number of Fishermen by Division, 1984)	79
10.2.	Bilangan Perahu-Perahu Berjentera dan Tiada Berjentera Di Sarawak, 1973-1984 (Number of Powered and Non-Powered Fishing Crafts in Sarawak, 1973 - 1984)	80
10.3.	Bilangan Lesen-Lesen Perikanan Yang Dikeluarkan Mengikut Jenis Peralatan Perikanan dan Tempat, 1984 (Number of Fishing Licences Issued by Type of Gears and Geographical Locations, 1984)	81
10.4.	Pendaratan Ikan Laut dan Udang Mengikut Kumpulan Perkakas, 1980-1984 (Marine Fish and Prawn Landings by Gear Group, 1980-1984)	82

10.5.	Pendaratan Ikan Laut dan Udang Mengikut Kumpulan Perkakas, dan Spesis 1984..... (Landings of Marine Fish and Prawn by Gear Group and Species, 1984)	83 - 84
10.6.	Pendaratan Ikan Laut dan Udang Mengikut Bulan dan Spesis, 1984 (Monthly Landings of Marine Fish and Prawn by Species, 1984)	85 - 86

SABAH

11.1.	Anggaran Bilangan Nelayan Di Sabah, 1966 - 1984 (Estimated Number of Fishermen in Sabah, 1966 - 1984)	87
11.2.	Bilangan Bot-Bot Perikanan Di Sabah, 1962 - 1984 (Number of Fishing Boats in Sabah, 1962 - 1984)	88
11.3.	Bilangan Lesen yang Dikeluarkan Mengikut Jenis Perkakas, 1984 (Number of Licences Issued by Type of Gear, 1984)	89
11.4.	Pengeluaran Ikan Mengikut Jenis Kumpulan Ikan, Sabah, 1975 - 1984 (Production of Fish by Group of Species, Sabah, 1975 - 1984)	90
11.5.	Nilai Ikan yang Didaratkan di Sabah, 1975 - 1984 (Value of Fish Landed in Sabah, 1975 - 1984)	91

SEKSI II - AKUAKULTUR, MALAYSIA
(SECTION II - AQUACULTURE, MALAYSIA)

Semenanjung Malaysia

12.1.	Anggaran Bilangan dan Luas Kolam, Bekas Lombong dan Sangkar Serta Bilangan Penternak Mengikut Sistem Penternakan dan Negeri, 1984..... (Estimated Number and Acreage of Ponds, Diused Mining Pools and Cages and Number of Culturist by Culture System and State, 1984).	92
12.2.	Bilangan dan Luas Kolam Airtawar/Airpayau yang Dibuka Mengikut Bulan dan Negeri Sepanjang Tahun, 1984..... (Number and Acreage of Newly Constructed Freshwater/Brackishwater Ponds by Month and State For the Year 1984).	93 - 94
12.3.	Bilangan dan Luas Sangkar Airtawar/Airpayau yang Dibuka Mengikut Bulan dan Negeri Sepanjang Tahun 1984..... (Number and Acreage of Newly Constructed Freshwater/Brackishwater Cages by Month and State For the Year 1984).	95 - 96
12.4.	Bilangan Kolam dan Bekas Lombong Airtawar/Airpayau yang Dibuka dan Ditutup Mengikut Negeri Sepanjang Tahun 1984..... (Number of Newly Constructed and Closed Freshwater/Brackishwater and Diused Mining Pools by State For the Year 1984).	97
13.1.	Anggaran Pengeluaran Ternakan Ikan Mengikut Negeri dan Sistem Penternakan 1984..... (Estimated Fish Production by State and Culture System, 1984).	98
13.2.	Anggaran Nilai Ikan Ternakan yang Dihasilkan Mengikut Negeri dan Sistem Penternakan, 1984..... (Estimated Value of Fish Production by State and Culture System, 1984).	99

X14.1.	Bilangan dan Luas Kolam Binaan dan Bekas Lombong Airtawar Serta Bilangan Penternak yang Terlibat Mengikut Kaum dan Negeri 1984..... (Number and Acreage of Freshwater Ponds and Disused Mining Pools and Number of Culturist by Race and State, 1984).	100
14.2.	Anggaran Pengeluaran Hasil Ikan Dari Kolam Airtawar Mengikut Negeri dan Jenis Ikan, 1984) (Estimated Fish Production From Freshwater Ponds by State and Species, 1984).	101
14.3.	Anggaran Nilai Borong Hasil Dari Kolam Airtawar Mengikut Negeri dan Jenis Ikan, 1984..... (Estimated Wholesale Value of Fish Production From Freshwater Ponds by State and Species, 1984).	102
14.4.	Anggaran Nilai Runcit Hasil Dari Kolam Airtawar Mengikut Negeri dan Jenis Ikan, 1984. (Estimated Retail Value of Fish Production From Freshwater Ponds by State and Species, 1984).	103
15.1.	Bilangan Dan Luas Sangkar Airtawar Serta Bilangan Penternak Mengikut Kaum dan Negeri, 1984..... (Estimated Number and Acreage of Freshwater Cages and Number of Culturist by Race and State, 1984).	104
15.2.	Anggaran Pengeluaran Hasil Ikan Dari Sangkar Airtawar Mengikut Negeri dan Jenis Ikan, 1984..... (Estimated Fish Production From Freshwater Cages by State and State and Species, 1984).	105
15.3.	Anggaran Nilai Borong Hasil Ikan Dari Sangkar Airtawar Mengikut Negeri dan Jenis Ikan, 1984..... (Estimated Wholesale Value of Fish Production From Freshwater Cages by State and Species, 1984).	106

15.4.	Anggaran Nilai Runcit Hasil Ikan Dari Sangkar Airtawar Mengikut Negeri dan Jenis Ikan, 1984. (Estimated Retail Value of Fish Production From Freshwater Cages by State and Species, 1984).	107
16.1.	Bilangan dan Luas Kolam Binaan Airpayau dan Bekas Lombong Airpayau Serta Bilangan Penternak Mengikut Negeri dan Kaum, 1984. (Number and Acreage of Brackishwater Ponds and Disused Mining Pools and Number of Culturist by State and Race, 1984).	108
16.2.	Anggaran Pengeluaran Hasil Ikan Dari Kolam Airpayau/Masin Mengikut Negeri dan Jenis Ikan Serta Kerang, 1984. (Estimated Fish Production From Brackishwater/Marine Ponds by State and Species and Cockle, 1984).	109
16.3.	Anggaran Nilai Borong Hasil Ikan Dari Kolam Airpayau Mengikut Negeri dan Jenis Ikan, 1984. (Estimated Wholesale Value of Fish Production From Brackishwater Ponds by State and Species, 1984).	110
17.1.	Bilangan dan Luas Sangkar Airpayau Serta Bilangan Penternak Mengikut Kaum dan Negeri, 1984. (Number and Acreage of Brackishwater Cages and Number of Culturists by Race and State, 1984).	111
17.2.	Anggaran Pengeluaran Ikan Dari Sangkar Airpayau/Masin Mengikut Negeri dan Jenis Ikan, 1984. (Estimated Fish Productions From Brackishwater/Marine Cages by State and Species, 1984).	112
17.3.	Anggaran Nilai Borong Hasil Ikan Dari Sangkar Airpayau/Masin Mengikut Negeri dan Jenis Ikan Serta Kerang, 1984. (Estimated Wholesale Value of Fish Production From Brackishwater/Marine Cages by State and Species and Cockle, 1984).	113

18.1.	Penjualan Ikan Airtawar Di Pasar-Pasar Utama Mengikut Negeri dan Jenis Ikan Dalam Tahun, 1984.	114
	(Sale of Freshwater Fish at Major Markets by State and Species, 1984).	
18.2.	Penjualan Ikan Airtawar Di Pasar-Pasar Utama Mengikut Bulan dan Jenis Ikan, 1984.	115
	(Sale of Freshwater Fish at Major Markets by Month and Species, 1984).	
18.3.	Harga Borong Purata Ikan Airtawar Di Pasar-Pasar Utama Mengikut Bulan dan Jenis Ikan, 1984.	116
	(Average Wholesale Prices of Freshwater Fish at Major Markets by Month and Species, 1984).	
18.4.	Harga Runcit Purata Ikan Airtawar Di Pasar-Pasar Utama Mengikut Bulan dan Jenis Ikan, 1984.	117
	(Average Wholesale Prices of Freshwater Fish at Major Markets by Month and Species, 1984).	
19.1.	Pengeluaran Benih Ikan/Udang oleh Pusat-Pusat Pengeluaran Kerajaan Mengikut Pusat dan Jenis, 1984.	118
	(Freshwater Fingerlings Production of Government Hatcheries by Hatchery and Species, 1984).	
19.2.	Pembahagian Benih-Benih Ikan Airtawar Kepada Penternak Mengikut Negeri dan Jenis Ikan, 1984.	119
	(Distribution of Freshwater Fry to Culturists by State and Species, 1984).	
19.3.	Pembahagian Benih-Benih Ikan Untuk Kegunaan Pelbagai dan Pelepasan Ke Perairan Umum Mengikut Negeri dan Jenis, 1984.	120
	(Distribution of Freshwater Fry For Miscellaneous and Released Into Public Waterbodies by State and Species, 1984).	
20.1.	Bilangan Pusat Penetasan Ikan/Udang Swasta dan Pengeluarannya Mengikut Negeri dan Jenis, 1984.	121
	(Number of Private Hatcheries and Their Fry Production by State and Species, 1984).	

20.2.	Bilangan Pusat-Pusat Semaian Swasta dan Pengeluaran Benih Mengikut Negeri dan Jenis Ikan, 1984..... (Number of Private Nurseries and Their Fry Production by State and Species, 1984).	122
-------	---	-----

SABAH

20.3.	Bilangan dan Keluasan Kolam-Kolam Ikan Airtawar Di Sabah, 1970-1984 (Number and Acreage of Freshwater Fish Ponds in Sabah, 1970-1984).	123
-------	---	-----

SEKYEN III - IMPORT DAN EKSPORT, MALAYSIA
(SECTION III- IMPORT AND EXPORT, MALAYSIA)

Semenanjung Malaysia (Peninsular Malaysia)

21.1.	Import dan Eksport Barangan Perikanan Semenanjung Malaysia, 1984 (Import and Export of Fishery Commodities, Peninsular Malaysia, 1984)	124 - 127
22.1.	Siri Tahunan Import Barangan Perikanan Mengikut Jenis, Kuantiti dan Nilai Semenanjung Malaysia, 1980 - 1984 (Annual Series of Fishery Commodities Import by Type, Quantity and Value Peninsular Malaysia, 1980 - 1984).	128
23.1.	Siri Tahunan Eksport Barangan Perikanan Mengikut Jenis, Kuantiti dan Nilai Semenanjung Malaysia, 1980 - 1984 (Annual Series of Fishery Commodities Export by Type, Quantity and Value Peninsular Malaysia, 1980 - 1984).	129

SARAWAK

24.1.	Import dan Eksport Barangan Perikanan Mengikut Neger-Negeri Asal dan Destinasi, 1984 (Imports and Exports in Fishing Commodities by Countries of Origin and Destination, 1984).	130 - 143
25.1.	Import dan Eksport Ikan dan Hasil-Hasil Perikanan, 1963 - 1984 (Imports and Exports of Fish and Fish Products, 1963 - 1984)	144

SABAH

26.1.	Import dan Eksport Hasil-Hasil Perikanan, 1984 (Imports and Exports of Fisheries Products, 1984)	145 - 146
27.1.	Import dan Eksport Hasil-Hasil Perikanan, 1966 - 1984 (Imports and Exports of Fisheries Products, 1966 - 1984).	147

KEDUDUKAN SEKTOR PERIKANAN DI MALAYSIA 1984

1. Umum

Prestasi Sektor Perikanan dalam tahun 1984 telah terjejas akibat kemerosotan pendaratan ikan laut, kejatuhan yang nyata dalam jumlah nilai eksport dan peningkatan import. Mulai tahun 1984, pendaratan kerang telah dimasukkan kedalam bahagian ternakair. Ini adalah lebih mencerminkan perkembangan yang berlaku dalam industri, dimana kerang adalah lebih dekat kepada ciri-ciri ternakair dari segi tangkapan.

2. Bot-Bot Menangkap Ikan

- 2.1 Terdapat 41,079 buah bot menangkap ikan yang dilesenkan diseluruh negara iaitu pertambahan sebanyak 2.3% berbanding dengan tahun sebelumnya. Pecahannya adalah seperti berikut: 25,673 atau 62.5% adalah di Semenanjung Malaysia, 6,500 atau 15.8% adalah di Sabah dan 8,906 atau 21.7% adalah di Sarawak. Pertambahan dalam jumlah bot-bot menangkap ikan yang dilesenkan adalah akibat dari pertambahan yang dialami oleh negeri Sarawak dan Sabah yang masing-masingnya sebanyak 9.0% dan 3.2%. Sementara itu di Semenanjung Malaysia terdapat pengurangan sebanyak 0.1% dalam jumlah bot yang dilesenkan. Pengurangan utama ialah dalam jenis bot tiada berjentera.

2.2 Bot berjentera dalam merupakan jenis yang terbanyak dilesenkan, iaitu 64.4%, dan diikuti oleh bot berjentera sangkut (29.0%) dan bot tiada berjentera (6.6%). Sila lihat Carta A. Dari segi saiz, 60.3% daripada bot berjentera dalam yang dilesenkan adalah termasuk dalam kelas muatan 0 -- 9.9 tan. Jadual 1 menunjukkan jumlah bilangan bot-bot menangkap ikan yang dilesenkan.

Jadual 1 - Bilangan Bot-Bot Menangkap Ikan Yang Dilesenkan - 1983 & 1984

Negeri	Bilangan		Perubahan dalam %	
	1983	1984	1983	1984
Semenanjung Malaysia	25,695	25,673	- 17.4	- 0.1
Sarawak	8,173	8,906	+ 4.1	+ 9.0
Sabah	6,300	6,500	+ 6.1	+ 3.2
Jumlah	40,168	41,079	- 3.2	+ 2.3

3. Alat Menangkap Ikan

3.1 Terdapat sebanyak 37,975 unit alat-alat perkakas menangkap ikan dilesenkan diseluruh negara iaitu pengurangan sebanyak 8.4% berbanding tahun sebelumnya. Keadaan ini adalah ekoran dari pengurangan alat-alat menangkap ikan yang utama dan penting khususnya pukut tunda dan pukut jerut ikan di Semenanjung Malaysia.

Bilangan pukat tunda yang dilesenkan telah berkurangan sebanyak 3.4% dan pukat jerut ikan sebanyak 15.1%. Keadaan ini mencerminkan pengurangan dalam jumlah 'fishing effort' bagi tujuan pemeliharaan sumber ikan dan pengagihan tangkapan ikan secara yang lebih adil.

3.2 Pecahan mengikut jenis alat-alat menangkap ikan yang dilesenkan di Semenanjung Malaysia adalah didapati pukat tunda dan hanyut merupakan alat-alat utama yang terpenting. Kedua-dua alat menangkap ikan tersebut merupakan 67.1% dari jumlah semua perkakas yang dilesenkan. Sementara itu perkakas utama yang dilesenkan di Sarawak dan Sabah ialah pukat-pukat hanyut dan pukat tunda iaitu masing-masingnya 65.2% dan 34.2%.

4. Gunatenaga

4.1 Dalam tahun 1984 sektor perikanan mempunyai seramai 109,087 orang nelayan iaitu pertambahan sebanyak lebih kurang 1.7% berbanding dengan tahun sebelumnya. Dari jumlah di atas adalah dianggarkan 70.0% adalah di Semenanjung Malaysia, 19,900 (18.2%) di Sabah dan 12,819 (11.8%) di Sarawak. Bilangan nelayan merupakan 2.0% daripada jumlah gunatenaga di Malaysia.

4.2 Pertambahan yang terbesar pada jumlah bilangan nelayan ialah berlaku di Sarawak, iaitu sebanyak 8.8%. Bagi Semenanjung Malaysia, bilangannya telah berkurangan sedikit dan bagi Sabah bilangannya kekal seperti tahun sebelumnya. Sedikit pengurangan bilangan nelayan di Semenanjung Malaysia adalah hasil dari langkah yang diambil untuk mengurangkan bot-bot menangkap ikan yang berlebihan dan seterusnya bilangan nelayan.

4.3 Pecahan nelayan mengikut kaum di Semenanjung Malaysia terdiri dari 48,616 (63.7%) orang Melayu, 25,077 (32.8%) orang Cina dan bakinya seramai 2,675 (3.5%) terdiri dari orang-orang India, Thai dan Asli. Sebilangan besar dari nelayan Melayu atau 55.7% terdapat di Pantai Timur Semenanjung Malaysia. Sementara itu 92.3% dari nelayan kaum Cina adalah dari Pantai Barat Semenanjung Malaysia.

4.4 Kebanyakan nelayan di Semenanjung Malaysia adalah bekerja di atas bot-bot pukot hanyut (39.6%), pukot tunda (18.3%) dan pukot jerut ikan (13.7%).

Jadual 2 menunjukkan jumlah bilangan nelayan di Malaysia.

Jadual 2 - Taburan Nelayan yang Bekerja di atas Bot-Bot Berlesen - 1983 & 1984

	Bilangan		Perubahan dalam %	
	1983	1984	1983	1984
Semenanjung Malaysia	75,590	76,368	- 5.8	+ 1.0
Sarawak	1,783	12,819	- 3.0	+ 8.8
Sabah	19,900	19,900	+ 0.3	0
Jumlah	107,273	109,087	- 4.4	+ 1.7

5. Pendaratan Ikan Laut -----

5.1 Selepas mengalami kenaikan pendaratan dalam tahun 1983, kuantiti pendaratan ikan laut di Semenanjung Malaysia mengalami kemerosotan sebanyak 15.6% menjadi 481,641 tan metrik dalam tahun 1984. Disamping itu nilai pendaratan ikan juga mengalami kemerosotan sebanyak 17.7% menjadi \$1.1 billion (nilai borong pasaran).

5.2 Kemerosotan pendaratan ikan adalah mencerminkan tangkapan yang berkurangan oleh alat-alat menangkap ikan yang utama seperti pukot tunda dan

kumpulan pukat-pukat tarik (seine nets) disemua dua kawasan iaitu Pantai Timur dan Pantai Barat. Kuantiti pendaratan oleh pukat tunda telah merosot sebanyak 15.7%, sementara itu pendaratan oleh kumpulan pukat-pukat tarik (seine nets) telah merosot sebanyak 9.9% berbanding dengan tahun sebelumnya. Jumlah ikan demersal dan pelagik menurun masing-masing sebanyak 19.1% dan 13.3%, menjadi 178,024 tan metrik dan 224,472 tan metrik.

- 5.3 Kadar kemerosotan yang besar dari segi nilai pendaratan adalah menggambarkan kemerosotan yang ketara dalam komposisi hasil-hasil laut yang mempunyai nilai pasaran yang tinggi (high market value). Misalnya komposisi kuantiti pendaratan ikan gred I telah merosot dari 10.8% dalam tahun 1983 kepada 8.5% dalam tahun 1984. Disamping itu komposisi pendaratan udang telah merosot dari 9.3% kepada 8.6% dalam jangka waktu yang sama, iaitu dari 52,953 tan metrik ke 41,389 tan metrik. Jenis ikan yang terbanyak didaratkan ialah Kembong/Temenong/Pelaling iaitu 85,184 tan metrik dan ianya telah mengalami peningkatan sebanyak 36.1%.

Jadual 3 - Kuantiti dan Nilai Borong Pendaratan Ikan Laut
- 1983 & 1984

	Kuantiti/Nilai		Perubahan dalam %	
	1983	1984	1983	1984
Kuantiti (Tan Metrik) *				
Semenanjung Malaysia	570,525,	481,641	+10.2	- 15.6
Pantai Barat	403,997	347,744	+ 5.0	- 13.9
Pantai Timur	166,528	133,897	+ 25.0	- 19.6
B. Nilai (\$ Juta)				
Semenanjung Malaysia	1,286	1,059	+ 6	- 17.7
Pantai Barat	958	805	+ 0.2	- 16.0
Pantai Timur	328	254	+ 27.1	- 22.6

* - Tidak termasuk kerang.

5.4 Pantai Barat telah menghasilkan lebih kurang 72.2% daripada jumlah kuantiti pendaratan di Semenanjung Malaysia. Pantai Barat telah mengalami kemerosotan pendaratan ikan sebanyak 13.9% berbanding dengan tahun sebelumnya. Secara keseluruhannya, purata pendaratan ikan bagi Pantai Barat dalam jangkamasa 5 tahun yang lepas sebanyak 440,049 tan metrik adalah melebihi maximum sustainable yield ' yang dianggarkan sebanyak 365,892 tan metrik.

5.5 Pantai Timur Semenanjung Malaysia telah juga mengalami kemerosotan pendaratan ikan yang agak terok iaitu sebanyak 19.6% kepada 133,897 tan metrik berbanding dengan tahun sebelumnya. Terkecuali pukot tunda dan pukot bakul yang mengalami sedikit peningkatan, kuantiti pendaratan dari perkakas-perkakas menangkap ikan yang utama telah mengalami kemerosotan. Contohnya jumlah pendaratan bagi kumpulan pukot tarik telah merosot sebanyak 25.3% dan jumlah pendaratan dari pukot hanyut telah mengalami kemerosotan sebanyak 34.2%. Sementara itu nilai pendaratan telah mengalami kemerosotan sebanyak 22.6% menjadi \$254 jika (pada nilai borong pasaran) berbanding dengan tahun sebelumnya. Pukat jerut ikan adalah punca utama pendaratan ikan laut dikawasan ini dengan menyumbangkan sebanyak 36.2% dari jumlah kuantiti pendaratan ikan laut di Pantai Timur. Kadar pendaratan pukat jerut ikan didapati telah merosot sebanyak 20% berbanding dengan tahun sebelumnya.

Pada keseluruhannya pendaratan ikan di Pantai Timur adalah dalam lingkungan 183,135 tan metrik, dan potensi sumber ialah lebih kurang 417,029 tan metrik.

5.6 Data mengenai perusahaan perikanan laut di Sarawak dan Sabah yang diperolehi adalah begitu terhad dan ini menyebabkan satu analisa yang sesuai sukar dibuat.

Jadual 4 menunjukkan kuantiti pendaratan ikan laut secara umum bagi tahun 1983 dan 1984.

Jadual 4 - Pendaratan Ikan Laut di Sarawak Dan Sabah
- 1983 & 1984

	Kuantiti (Tan Metrik)		Perubahan dalam %	
	1983	1984	1983	1984
Sarawak	70,438	68,632	+ 1.6	- 2.6
Sabah	45,500	50,200	+ 14.3	+ 10.3
Jumlah	115,938	118,832	+ 6.2	+ 2.5

- 5.6.1 Selepas mengalami kenaikan pendaratan ikan laut selama dua tahun berturut-turut, pendaratan ikan laut di Sarawak telah merosot sebanyak 2.6% menjadi 68,632 tan metrik dalam tahun 1984. Kemerosotan yang ketara sekali ialah hasil pendaratan dari kumpulan perkakas hanyut dan pukat rentang iaitu masing-masingnya telah merosot sebanyak 23.5% dan 58%. Jumlah kuantiti pendaratan dari perkakas-perkakas menangkap ikan utama yang lain tidak menunjukkan sebarang perubahan yang besar. Jumlah potensi sumber ialah 289,000 tan metrik.

5.6.2 Jumlah kuantiti pendaratan ikan laut di Sabah terus meningkat dan menjadi 50,200 tan metrik (peningkatan sebanyak 10.3%). Pendaratan ini kebanyakannya ialah 'finfishes' iaitu sebanyak 36,700 tan metrik (73.1%) dan bakinya adalah krustacea sebanyak 11,500 tan metrik (22.9), moluska sebanyak 1,300 tan metrik (2.6%) dan lain-lain kehidupan laut sebanyak 700 tan metrik (1.4%).

Dari segi nilai pendaratan ikan laut juga terus mengalami pertambahan dan menjadi \$166.3 juta (peningkatan sebanyak 6%). Hasil krustacea merupakan 51% dari jumlah nilai pendaratan.

Lain-lain jenis yang penting ialah 'redfishes, basses, congers, etc.' sebanyak 15.6%, 'jack, mullets, etc.' sebanyak 14.4% dan 'mackerels, billfishes, etc.' sebanyak 7.2%.

Perairan laut negeri Sabah dianggarkan mempunyai potensi sumber lebih kurang 119,000 tan metrik dan ini bermakna pendaratan ikan masih boleh dipertingkatkan lagi.

6. Eksport/Import Barangan Ikan

6.1 Nilai eksport hasil laut dalam tahun 1984 adalah berjumlah \$300 juta iaitu kira-kira 0.8% daripada jumlah eksport Malaysia. Pecahannya ialah \$186 juta bagi Semenanjung Malaysia, \$26 juta bagi Sarawak dan \$88 juta bagi Sabah. Jumlah ini merupakan pengurangan sebanyak 16.2% berbanding dengan tahun sebelumnya. Adalah didapati, Semenanjung Malaysia mengalami kemerosotan yang tertinggi iaitu sebanyak 23.5%. Dari segi kuantiti barangan yang dieksport didapati telah meningkat sebanyak 8.2% menjadi 136,808 tan metrik.

6.2 Sementara itu nilai dan kuantiti import terus meningkat sebagaimana tahun-tahun sebelumnya. Nilai barangan import telah bertambah sebanyak 24.3% dan kuantitinya telah meningkat sebanyak 32.7% menjadi 237,343 tan metrik. Lebihan import dari segi nilai dan kuantiti ialah masing-masingnya sebanyak 5.4% dan 42.4%. Jadual 5 menunjukkan keadaan eksport dan import negara.

Jadual 5: Kuantiti Dan Nilai Eksport Dan Import Barangan Ikan
- 1983 & 1984

Eksport/Import	Kuantiti (tan metrik)		Perubahan kuantiti (%)		Nilai (\$ juta)		Perubahan Nilai (%)	
	1983	1984	1983	1984	1983	1984	1983	1984
Semenanjung Malaysia								
Eksport	117,335	127,122	-11.0	+ 8.3	243	186	+ 8.0	-23.5
Import	162,050	216,710	- 4.3	+33.7	206	260	+ 4.6	+26.2
Sarawak								
Eksport	3,177	2,817	+27.1	-11.3	29	26	+15.9	-10.3
Import	7,422	10,370	-15.9	+39.7	25	32	-12.3	+28.0
Sabah								
Eksport	5,899	6,869	+39.8	+16.4	86	88	+51.6	+ 2.3
Import	9,369	10,263	+21.5	+ 9.5	24	25	+ 7.3	+ 4.2
Jumlah								
Eksport	126,411	136,808	- 8.8	+ 8.2	358	300	+16.6	-16.2
Import	178,841	237,343	- 3.8	+32.7	255	317	+ 2.8	+24.3

6.3 Nilai eksport hasil perikanan bagi Malaysia telah menurun dalam tahun 1984 adalah berikutan dengan kejatuhan harga komoditi utama. Sebagai contohnya harga purata satu tan metrik ikan 'fresh, frozen and chilled' telah turun dari \$633 dalam tahun 1983 kepada \$467 dalam tahun 1984. Sementara itu harga bagi krustacea dan molluska 'fresh, frozen and chilled' telah merosot dari \$2,096 kepada \$1,062 dalam jangkamasa yang sama.

6.4 Negara utama yang menjadi pengimport hasil perikanan dari Semenanjung Malaysia ialah Singapore iaitu 20.3% dari jumlah nilai eksport dan 64.3% dari jumlah kuantiti. Negara-negara lain termasuklah Australia

sebanyak 19.6% dan 3.1%, U.S.A sebanyak 11.7% dan 2.0%, dan Jepun sebanyak 8.4% dan 1.5%. Barangan yang menjadi eksport utama ialah hasil dari kumpulan krustacea dan molluska iaitu sebanyak 68.0% dari nilai eksport dan 49.7% dari jumlah kuantiti yang dieksport. Jadual 6 menunjukkan 5 jenis barangan perikanan utama yang dieksport dari segi kuantiti dan nilai.

Jadual 6 - Eksport Lima (5) Barangan Utama Perikanan dari segi Kuantiti dan Nilai (Semenanjung Malaysia) - 1984

Jenis Barangan	Kuantiti		Nilai	
	Tan Metrik	%	\$ Juta	%
Fish; Fresh, Chilled or Frozen	44,339	34.9	20.72	11.1
Crustaceans and Molluscs; Fresh, Chilled, Frozen, Dried and Salted	41,210	32.4	43.77	23.5
Prepared or Preserved Fish in Airtight Containers	6,258	4.9	26.49	14.2
Prepared or Preserved Crustaceans and Molluscs in Airtight Containers	6,937	5.5	36.04	19.3
Prepared or Preserved Crustaceans and Molluscs not in Airtight Containers	4,343	3.4	46.03	24.7

6.5 Pertambahan yang tinggi dalam kuantiti import iaitu sebanyak 32.7% mengakibatkan pertambahan dalam nilai import sebanyak 24.3% walaupun terdapat kemerosotan dalam purata harga barangan yang diimport. Sebagai contohnya purata harga ikan 'fresh, chilled or frozen' bagi setiap tan metrik yang diimport telah turun dari \$943 dalam tahun 1983 kepada \$878 pada tahun 1984. Sementara itu bagi krustacea dan molluska 'fresh, chilled or frozen' telah turun dari \$1,939 kepada \$1,708 dalam jangkamasa yang sama. Thailand terus menjadi negara pembekal utama untuk Semenanjung Malaysia iaitu masing-masing sebanyak 50.9% dan 75.7 % dari jumlah nilai dan kuantiti import. Jadual 7 menunjukkan lima jenis barangan utama yang diimport.

Jadual 7 - Import Lima (5) Barangan Utama Perikanan
dari segi Kuantiti dan Nilai (Semenanjung
Malaysia) - 1984

Jenis Barangan	Kuantiti		Nilai	
	Tan Metrik	%	\$Juta	%
Fish; Fresh, Chilled or Frozen	08,399	50.0	95.12	36.6
Crustaceans and Molluscs, Fresh Chilled, Frozen, Dried, Salted, in Brine or Simply Boiled	21,702	10.0	37.07	14.3
Prepared or Preserved Fish in Airtight Conta- iners	18,481	8.5	46.98	18.1
Prepared or Preserved Crustaceans and Molluscs in Air- tight Containers	5,574	2.6	12.31	4.7
Flour and Meals, of Fish, Crusta- ceans or Molluscs unfit for Human Consumption	52,497	24.2	49.24	19.0

7. TERNAKAIR

Nota:

Data-data mengenai ternakair untuk negeri Sabah dan Sarawak adalah terlalu terhad. Oleh itu analisa bahagian ini adalah tertumpu kepada Semenanjung Malaysia sahaja. Penulisan keatas kerang buat pertama kalinya dimasukkan dalam bahagian ini.

7.1 Dalam tahun 1984 terdapat 18,342 kolam dan bekas lombong yang digunakan untuk ternakair dengan keluasan 4,950 hektar. Angka ini menunjukkan pertambahan sebanyak 2.4% bagi bilangannya dan sebaliknya terdapat pengurangan sebanyak 8.0% dari segi keluasan kolam dan bekas lombong. Disamping itu pula terdapat 5,558 unit sangkar dengan jumlah kawasan air sebanyak 51,572 meter persegi yang mana terdapat pertambahan sebanyak 7.3% dari segi bilangannya dan 17.3% dari segi keluasan berbanding dengan tahun sebelumnya. Bilangan unit pengeluaran kerang ialah 160 dengan jumlah keluasan 3,699 hektar. Walaupun terdapat pertambahan dalam bilangan kolam dan sangkar yang diusahakan, bilangan penternak telah merosot sebanyak 2% menjadi 13,218 orang. Keadaan ini mungkin menggambarkan terdapat perubahan dari segi pengurusan ternakair kearah bentuk skel komersial dengan mengoptima input dan tenaga buruh.

7.2 Dalam tahun 1984, prestasi pengeluaran ternakair telah meningkat dengan pertambahan yang ketara dalam pengeluarannya. Jumlah pengeluaran dianggarkan sebanyak 67,482 tan metrik dengan nilai sebanyak \$45 juta. Pertambahan dalam anggaran pengeluaran ternakair adalah akibat dari pertambahan yang ketara dalam pengeluaran dari jenis airpayau terutamanya kerang dari 38,530 tan

metrik dalam tahun 1983 ke 63,581 tan metrik dalam tahun 1984. Namun begitu hasil pengeluaran dari air tawar telah merosot dengan banyaknya iaitu 67.3% menjadi 3,912 tan metrik. Jadual 8 menunjukkan jumlah pengeluaran ternakair di Semenanjung Malaysia.

Jadual 8 - Anggaran Kuantiti Pengeluaran Ternakair Semenanjung Malaysia, 1983 Dan 1984

Jenis	Pengeluaran (Tan)		Pertambahan dalam %	
	1983	1984	1983	1984
Air tawar	11,950	3,912	- 15.4	- 67.3
Air Payau:				
Kerang	38,530	63,581	- 22.1	+ 65.0
Lain-Lain	960	167*	+ 29.9	- 82.6
Jumlah	51,440	67,660	+ 2.5	+ 31.5

* Tidak termasuk pengeluaran komersial.

Dipinda dari pengeluaran laut.

7.3 Banyak faktor yang menyebabkan kemerosotan dalam pengeluaran dari segi ternakan ikan air tawar. Sebab utama ialah dengan adanya kaedah baru dalam mendapatkan data pengeluaran secara terus dari penternak. Sebelum pada ini ianya adalah dibuat anggaran berdasarkan kepada luas kawasan yang dianggap beroperasi yang mana didapati tidak begitu tepat. Walau bagaimanapun, kaedah baru boleh diperbaiki lagi dalam segi liputan dan lain-lain supaya diambilkira ternakan komersial. Kebanyakan faktor tersebut adalah berkait rapat dengan pemberhentian pemberian subsidi

kepada penternak. Adalah didapati permintaan untuk benih ikan dan udang oleh penternak telah berkurang. Pembahagian benih-benih kepada penternak sepanjang tahun 1984 telah merosot sebanyak 24.7% menjadi 3.62 juta berbanding dengan tahun sebelumnya. Disamping itu juga terdapat 448 buah kolam binaan dan bekas lombong dengan keluasan 785 hektar telah ditutup sepanjang tahun tersebut. Faktor lain adalah cara dalam pengurusan setiap unit ternakair itu sendiri. Kelewatan dalam melepaskan benih-benih ikan kedalam kolam atau sangkar menyebabkan ikan-ikan akan hanya dapat dikeluarkan pada tahun berikutnya. Maklumat dari ternakan komersial adalah juga terhad. Usaha sedang dijalankan untuk memasoki juga pengeluaran komersial yang semakin penting.

7.4 Jenis hasil ternakair yang paling banyak sekali dikeluarkan ialah Kerang (63,581 tan metrik), Kap Rumput (1,707 tan metrik), Kap Kepala Besar (843 tan metrik) dan Lampam Jawa (756 tan metrik).

7.5 Pengeluaran anak-anak ikan dan udang oleh pusat-pusat pengeluaran kerajaan dan swasta telah merosot, masing-masing sebanyak 17.7% dan 44.0% berbanding dengan tahun sebelumnya. Keadaan ini adalah disebabkan oleh kurang permintaan dari pasaran eksport dan penternak

(di-sebabkan pemberhentian sekim subsidi). Walaupun begitu pembahagian benih-benih ikan untuk kegunaan pelbagai dan pelepasan keperairan umum telah meningkat 14 kali ganda menjadi 1.4 juta berbanding dengan tahun sebelumnya.

RM/MSD/sj.

STATUS OF FISHERIES SECTOR IN MALAYSIA 1984

1. General

The important developments of the fisheries sector in 1984 are: reduced landings of marine fish, increased imports in value and decreased exports in value. With regards to the presentation of data, as from this year cockle production data has been transferred to the aquaculture section.

2. Fishing Boats

2.1 There were 41,079 licensed fishing boats in Malaysia, that is an increase of 2.3% over that of the previous year. The distribution was as follows: 25,673 (62.5%) in Peninsular Malaysia, 6,500 (15.8%) in Sabah and 8,906 (21.7%) Sarawak. The increases were from Sarawak and Sabah which licensed additional boats by 9.0% and 3.2% respectively. In Peninsular Malaysia, there was a slight decrease of about 0.1% due to the decrease in number of boats.

In terms of composition, the most number was that of the inboard engine-powered boats (64.4%), followed by outboard engine-powered boats (29.0%) and non-powered boats (6.6%). (Refer to chart A). Large proportion of the inboard engine-powered boats were in the category of 0 - 9.9 GRT (some 60.3%). Table I shows the total number of licensed fishing boats in Malaysia.

Table I- Number Of Licensed Fishing Boats In Malaysia
- 1983 And 1984

States	Number		% Change	
	1983	1984	1983	1984
Peninsular Malaysia	25,695	25,673	- 17.4	- 0.1
Sarawak	8,173	8,906	+ 4.1	+ 9.0
Sabah	6,300	6,500	+ 6.1	+ 3.2
Total:	40,168	41,079	- 3.2	+ 2.3

3. Fishing Gears

3.1 There were 37,975 units of fishing gears licensed in Malaysia. It is 8.4% less than the number of units licensed in the previous year. The situation is a result of less licences issued for trawl gears and purse seine nets in Peninsular Malaysia. The number of trawl and fish purse seine licences issued decreased by 3.4% and 15.1% respectively. It reflected the determination of the government to reduce fishing efforts to conserve resources and distribute catches more equally.

3.2 The main gears in Peninsular Malaysia were the trawl and drift nets. Together they comprised 67.1% of the total gears licensed. Similar situation was also seen

in Sarawak and Sabah where the trawl and drift nets combined formed about 65.2% and 34.2% of the total respectively.

4. Employment

4.1 In 1984 there were 109,087 fishermen in the fishing sector, that is an increase of about 1.7% over that of the previous year. Out of the total, 70.0% were in Peninsular Malaysia, 11.8% in Sarawak and 18.2% in Sabah. The fishermen formed some 2.0% of the total labour force in Malaysia.

4.2 The largest increase was in Sarawak, that is by 8.8%. In Peninsular Malaysia, on the other hand, the number has decreased by a small proportion (0.1%). In Sabah the number remained constant. There were less number of fishermen in Peninsular Malaysia because of the steps taken by government to reduce the number of surplus fishing boats and thus the number of fishermen.

4.3 In terms of ethnic distributions, there were some 48,616 (or 63.7%) of Malay origins, 25,077 (32.8%) of Chinese origins and 2,675 (3.5%) of Indian, Thais, Aborigines and Other origins. Some 55.7% of the Malay fishermen were found in the East Coast of Peninsular

Malaysia, whilst 92.3% of the Chinese fishermen were found in the West Coast of Peninsular Malaysia.

4.4 Large proportion of the fishermen in Peninsular Malaysia worked on drift net boats (39.6%), trawl boats (18.3%) and fish purse seine boats (13.7%). Table 2 shows the distribution of fishermen in Malaysia.

Table 2 - Distribution Of Fishermen Working On
Licensed Fishing Boats - 1983 & 1984

States	Number		% Of Change	
	1983	1984	1983	1984
Peninsular Malaysia	75,590	76,368	- 5.8	+ 1.0
Sarawak	11,783	12,819	- 3.0	+ 8.8
Sabah	19,900	19,900	+ 0.3	0
Total:	107,273	109,087	- 4.4	+ 1.7

5. Marine Landings

5.1 The marine landings in Peninsular Malaysia was reduced by 15.6% in 1984, to 481,641 metric tonnes. At the same time, there was also a reduction of 17.7% in the wholesale value of catch, to \$1.1 billion.

5.2 The reduction in landings reflected the lesser catch of the main fisheries, that is that of the trawl and the seine nets, both in the West Coast and East Coast of Peninsular Malaysia. The quantity of catch of the trawl nets and seine nets decreased by 15.7% and 9.9% respectively. The landings of demersal and pelagic fish decreased by 19.1% and 13.3%, to 178,024 metric tonnes and 224,472 metric tonnes respectively.

5.3 The reduction in the wholesale value of the marine fish was due to the decrease in the landings of the high value species. As an example, the composition of grade one fish was reduced from 10.8% (in 1983) to 8.5% of the total catch of Peninsular Malaysia i.e from 59,956 metric tonnes to 40,921 metric tonnes. Likewise, the composition of prawns was reduced from 9.3% to 8.6% i.e from 52,953 metric tonnes to 41,389 metric tonnes. The single most important fish caught was Rastrelliger, at 85,184 metric tonnes, an increase of about 36.1% over that of 1983. Table 3 shows the quantity and wholesale value of marine fishes landed in Peninsular Malaysia in 1983 and 1984.

Table 3 - Quantity And Wholesale Value of
Marine Fish Landings - 1983 And 1984

	Quantity/Value		Change %	
	1983	1984	1983	1984
A. Quantity (Metric Tonnes)*				
Peninsular Malaysia	570,525	481,641	+ 10.2	- 15.6
West Coast	403,997	347,744	+ 5.0	- 13.9
East Coast	166,528	133,897	+ 25.0	- 19.6
B. Wholesale Value (\$ million)				
Peninsular Malaysia	1,286	1,059	+ 6.0	- 17.7
West Coast	958	805	+ 0.2	- 16.0
East Coast	328	254	+ 27.1	- 22.6

* - Excluding cockles landings.

5.4 The West Coast contributed about 72.2% of the total landings in Peninsular Malaysia. The region experienced a reduction in the total landings of fish by 13.9% over that of the previous year. The average landings in the West Coast over the last 5 years was 440,049 metric tonnes which already exceeded the calculated Maximum Sustainable Yield of 365,892 metric tonnes.

5.5 The East Coast of Peninsular Malaysia also experienced a decline in landings by 19.6% (to 133,897 metric tonnes) as compared to the previous year. In 1984 the landings of most of the important fisheries declined, except trawlers and bag nets. As an example the landings of seine nets was reduced by 25.3% and that of the gill nets by 34.2%. At the same time there was a reduction of 22.6% in the wholesale value of fish (to \$254 million). Some 36.2% of the landings in the East Coast were made by the purse seines. However its landings fell by 20% over that of 1983. The average total landings in the East Coast was some 183,135 metric tonnes which is below the Maximum Sustainable Yield of 417,029 metric tonnes.

5.6 Data on the fisheries sector of Sarawak and Sabah is limited and therefore detailed analysis is not attempted. Table 4 shows the quantity of marine landings in 1983 and 1984.

Table 4 - Marine Landings In Sarawak And Sabah
- 1983 And 1984

Area	Quantity (Metric Tonnes)		Change In %	
	1983	1984	1983	1984
Sarawak	70,438	68,632	+ 1.6	- 2.6
Sabah	45,500	50,200	+14.3	+10.3
Total:	115,938	118,832	+ 6.2	+ 2.5

5.6.1 Having experienced an increase in marine landings for 2 consecutive years, Sarawak's landings in 1984 was reduced by 2.6% (to 68,632 metric tonnes). Much of the reduction was from the drift and barrier nets, by 23.5% and 58% respectively. The landings of the other main gears did not show any significant change. The total known resource potential is 289,000 metric tonnes.

5.6.2 The marine landings of Sabah increased to 50,200 metric tonnes in 1984 (an increase of about 10.3%). A large part of the landings was "finfishes" at 36,700 metric tonnes (73.1%) and the balance was crustaceans at 11,500 metric tonnes (22.9%), molluscs at 1,300 metric tonnes (2.6%) and other aquatics products at 700 metric tonnes (1.4%).

The value of the marine landings was \$166.3 million (an increase of 6%). The value of crustaceans formed about 51% of this value. Other important types were in the groups "redfishes, basses, congers etc."

(total 15.6%); "jack, mullets etc." (total 14.4%) and "mackerels, bill fishes, etc." (total 7.2%). The calculated total Maximum Sustainable Yield is 119,000 metric tonnes.

6. Exports/Imports Of Fishery Commodities

6.1 The export value of fishery commodities in 1984 was \$300 million, i.e. about 0.8% of the total exports of Malaysia. The breakdown is as follows: \$186 million from Peninsular Malaysia, \$26 million from Sarawak and \$88 million from Sabah. There was a reduction of 16.2% in the total over that of last year. The biggest reduction was experienced by Peninsular Malaysia, by 23.5%. In terms of total quantity of exports, it increased by 8.2%, to 136,808 metric tonnes.

6.2 The value and quantity of imports increased, as in previous years. The value and quantity of imports was increased by 24.3% and 32.7% to \$317 million and 237,343 metric tonnes respectively. The import balance in terms of value and quantity was 5.4% and 42.4% respectively. Table 5 shows the exports and imports status.

Table 5: Quantity And Value Of Exports And Imports
Of Fishery Commodities - 1983 And 1984

Exports/ Imports	Quantity (Metric Tonnes)		Change In Quantity (%)		Value (\$ Million)		Change In Value (%)	
	1983	1984	1983	1984	1983	1984	1983	1984
Peninsular Malaysia								
Exports	117,335	127,122	- 11.0	+ 8.3	243	186	+ 8.0	-23.5
Imports	162,050	216,710	- 4.3	+ 33.7	206	260	+ 4.6	+26.2
Sarawak								
Exports	3,177	2,817	+ 27.1	- 11.3	29	26	+ 15.9	-10.3
Imports	7,422	10,370	- 15.9	+ 39.7	25	32	- 12.3	+28.0
Sabah								
Exports	5,899	6,869	+ 39.8	+ 16.4	86	88	+ 51.6	+ 2.3
Imports	9,369	10,263	+ 21.5	+ 9.5	24	25	+ 7.3	+ 4.2
Total								
Exports	126,411	136,808	- 8.8	+ 8.2	358	300	+ 16.6	-16.2
Imports	178,841	237,343	- 3.8	+ 32.7	255	317	+ 2.8	+24.3

6.3 The decrease in the value of fishery commodities exported was due to the fall in the price of the main export items. As an example, the value per ton of "fresh, frozen and chilled" fish was reduced from \$633 in 1983 to \$467 in 1984. Likewise in the case of "fresh, frozen and chilled crustaceans and molluscs", it was down from \$2,096 to \$1,062 in the same period.

6.4 Singapore was the main country importing fishery commodities from Peninsular Malaysia i.e 20.3% and

64.3% of the total export value and quantity respectively. Other countries were Australia (19.6% and 3.1%), U.S.A (11.7% and 2.0%) and Japan (8.4% and 1.5%). The group "crustaceans and molluscs" formed the main export items i.e 68.0% and 49.7% of the total export value and quantity respectively. Table 6 shows the 5 main fishery commodities exported in term of value and quantity.

Table 6: Five Main Exports Of Fishery Commodities
In Terms Of Quantity And Value (Peninsular Malaysia)
In 1984

Types Of Commodities	Quantity		Value	
	Metric Tonnes	%	\$ Million	%
Fish: Fresh, chilled or frozen	44,339	34.9	20.72	11.1
Crustaceans & Molluscs: Fresh, chilled, frozen, dried & salted	41,210	32.4	43.77	23.5
Prepared Or Preserved Fish In Airtight Containers	6,258	4.9	26.49	14.2
Prepared Or Preserved Crustaceans & Molluscs In Airtight Containers	6,937	5.5	36.04	19.3
Prepared Or Preserved Crustaceans & Molluscs Not In Airtight Containers	4,343	3.4	46.03	24.7

6.5 There was an increase of 32.7% in the quantity of fishery commodities imported. There was also an increase of 24.3% in the value of imports. However there was a decrease in the average price of imports. As an example the average price of "fresh, chilled or frozen" fish imported was reduced from \$943 in 1983 to \$878 in 1984. Likewise, the price of crustaceans and molluscs imported in "fresh, chilled or frozen" form was reduced from \$1,939 in 1983 to \$1,708 in 1984. Peninsular Malaysia still imported largely from Thailand, i.e by some 50.9% and 75.7% of the total import value and quantity respectively. Table 7 shows five main import items.

Table 7: Five Main Imports Of Fishery Commodities
In Terms Of Quantity Value (Peninsular Malaysia)
In 1984

Types Of Commodities	Quantity		Value	
	Metric Tonnes	%	\$ Million	%
Fish: Fresh, Chilled or Frozen	108,399	50.0	95.12	36.6
Crustaceans & Molluscs: Fresh, Chilled, Frozen, Dried, Salted In Brine Or Simply Boiled	21,702	10.0	37.07	14.3
Prepared Or Preserved Fish In Airtight Containers	18,481	8.5	46.98	18.1
Prepared Or Preserved Crustaceans And Molluscs In Airtight Containers	5,574	2.6	12.3	4.7
Flour & Meals Of Fish, Crustaceans or Molluscs Unfit For Human Consumption	52,497	24.2	49.24	19.0

7. Aquaculture

Notes:

Data on the aquaculture of Sabah and Sarawak was very limited. The following analysis was referred to data of Peninsular Malaysia only. For first time the write up on cockles is included in this section.

7.1 In 1984 there were 18,342 units of ponds and old mining pools used for aquaculture purposes, with a total area of 4,950 ha. The figure shows an increase of 2.4% in total units and a reduction

of 8.0% in total area. There were also 5,558 units of cages with a total water area of 51,572 sq. meter, which was an increase of 7.3% and 17.3% in total units and area respectively. There were 160 units of cockle farms, occupying a total area of 3,699 ha. Although there was an increase in the total units of ponds and cages under operation, the number of aquaculturists was reduced by 2% to 13,218 persons. This reflected the trend in the management of aquaculture practice towards one of commercial scale with optimization of inputs and labour.

7.2 In 1984, there was a significant increase in the aquaculture production. The total production was estimated at 67,482 metric tonnes with a total value of \$45 million. The increase was largely due to a greater contribution of brackishwater production, especially that of cockles, from 38,530 metric tonnes in 1983 to 63,581 metric tonnes in 1984. However, freshwater production was reduced by 67.3% to 3,912 metric tonnes. Table 8 shows the aquaculture productions in Peninsular Malaysia.

Table 8: Estimates Of Aquaculture Productions
In Peninsular Malaysia, 1983 And 1984

Types	Production (Metric Tonnes)		Percentage Increase %	
	1983	1984	1983	1984
Freshwater	11,950	3,913	- 15.4	- 67.3
Brackishwater:				
Cockles	38,530	63,581	- 22.1	+ 65.0
Others	960	167*	+ 29.9	- 82.6
Total:	51,440	67,661	+ 2.5	+ 31.5

* - Excluding commercial production

- Transferred from marine production for comparison purposes.

7.3 There were several factors contributing to the reduction in the freshwater productions. Primarily, the difference is due to the new method of obtaining direct production figures from the farmers. Previously, it was estimated based on acreage supposed to be in operation which was found to be not accurate. However the new method can be improved in terms of coverage etc so as to also include commercial farms. It was noticed that there was a reduction in the demand of fish and prawn fry by 24.7% to 3.62 million in 1984. At the same time, some 448 dugged up ponds and 785 ha. of old mining pools ceased operation in 1984. Another factor was

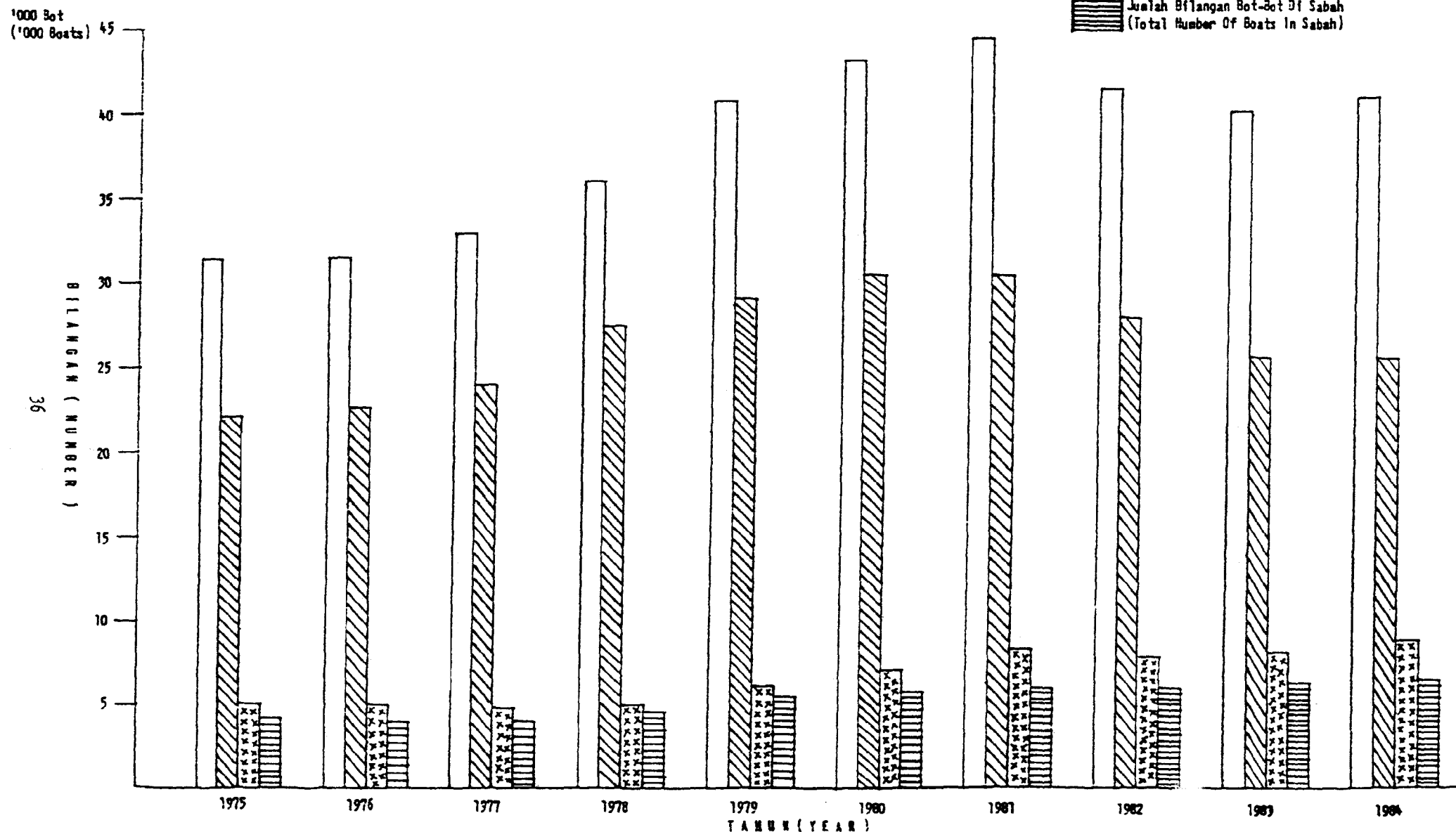
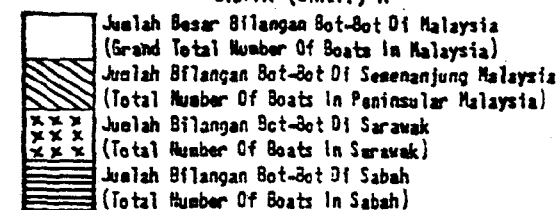
the change in the management technique. There was a delay in the release of fish fry in the ponds or cages thus the harvesting could only be done in the following year. The information from the commercial sector is also very limited. Efforts are being made to include the commercial production which are becoming significant.

7.4 The largest aquaculture production was cockles (63,581 metric tonnes), Grass Carp (1,707 metric tonnes), Big Head Carp (843 metric tonnes) and Lampam Jawa (756 metric tonnes).

7.5 The production of fish and prawn fry by the government and private hatcheries was reduced by 17.7% and 44.0% respectively over that of the previous year. It was largely due to the reduced demand by the export market and fish farmers (as a result of termination of the subsidy scheme). Nevertheless, the distribution of fish fry for miscellaneous purpose and stocking in open and impounded waters increased by 14 folds to 1.4 million as compared to the previous year.

MALAYSIA
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN BAGI TEMPOR 1975-1984
(NUMBER OF FISHING BOATS LICENSED FOR THE YEARS 1975 - 1984)

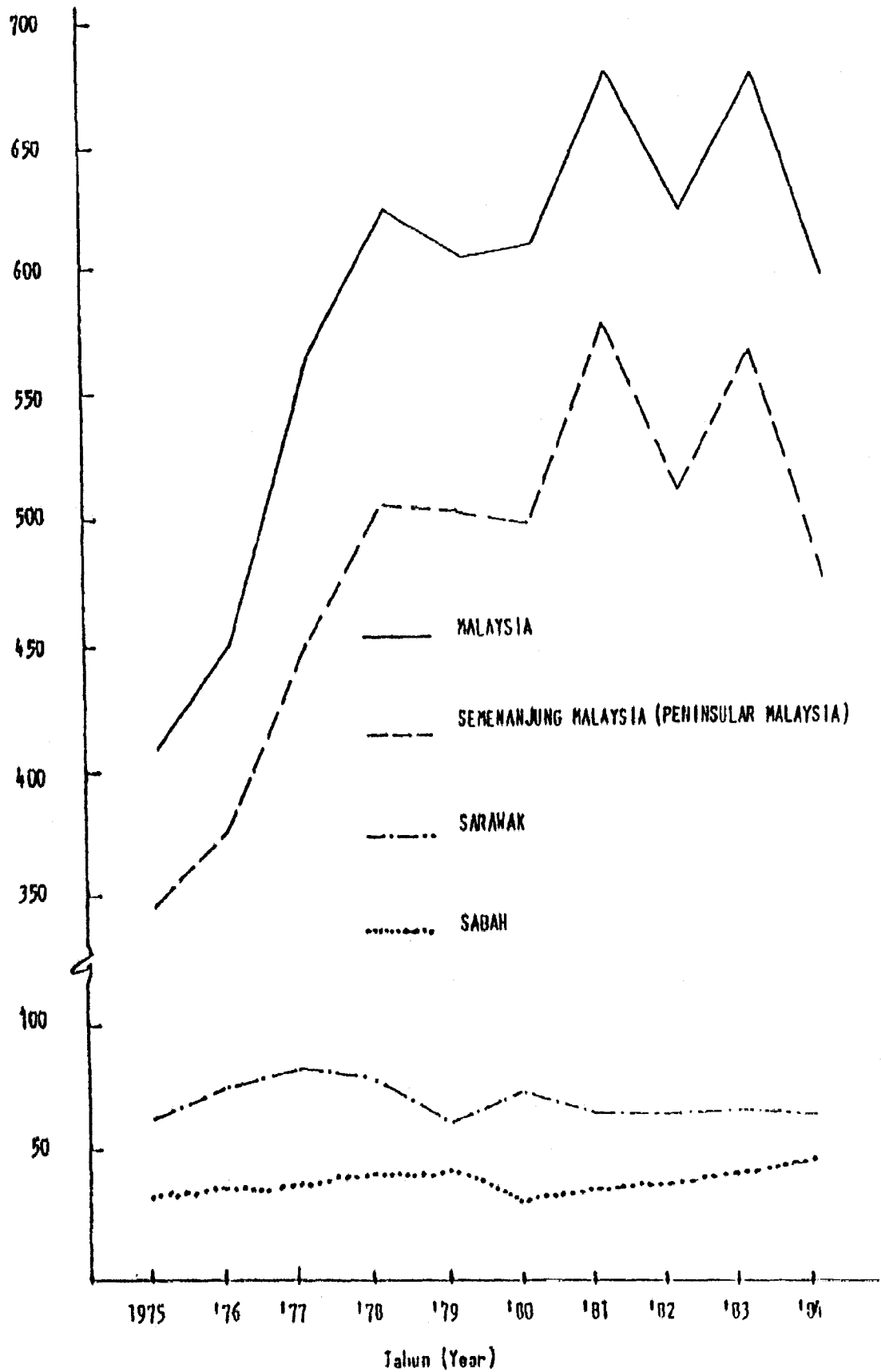
CARTA (CHART) A



MALAYSIA
ALIRAN PENDARATAN IKAN LAUT, 1975-1984
(Trend of Marine Fish Landings, 1975-1984)

CARTA (CHART) B

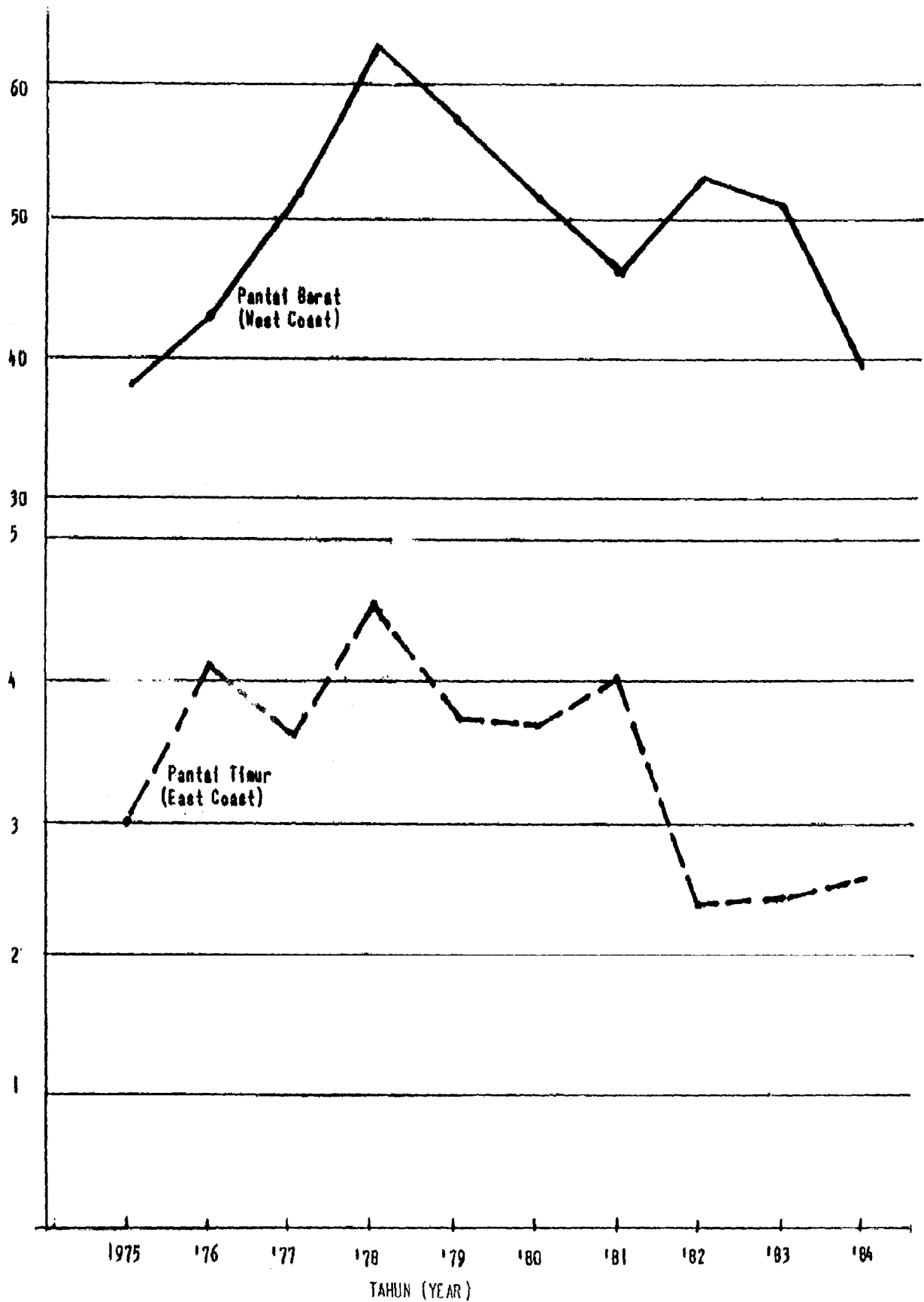
'000 tan Metrik
('000 Tonnes)



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 ALIRAN PENDARATAN UDANG, 1975 - 1984
 (Trend of Prawn Landings, 1975 - 1984)

CHARTA(CHART) C

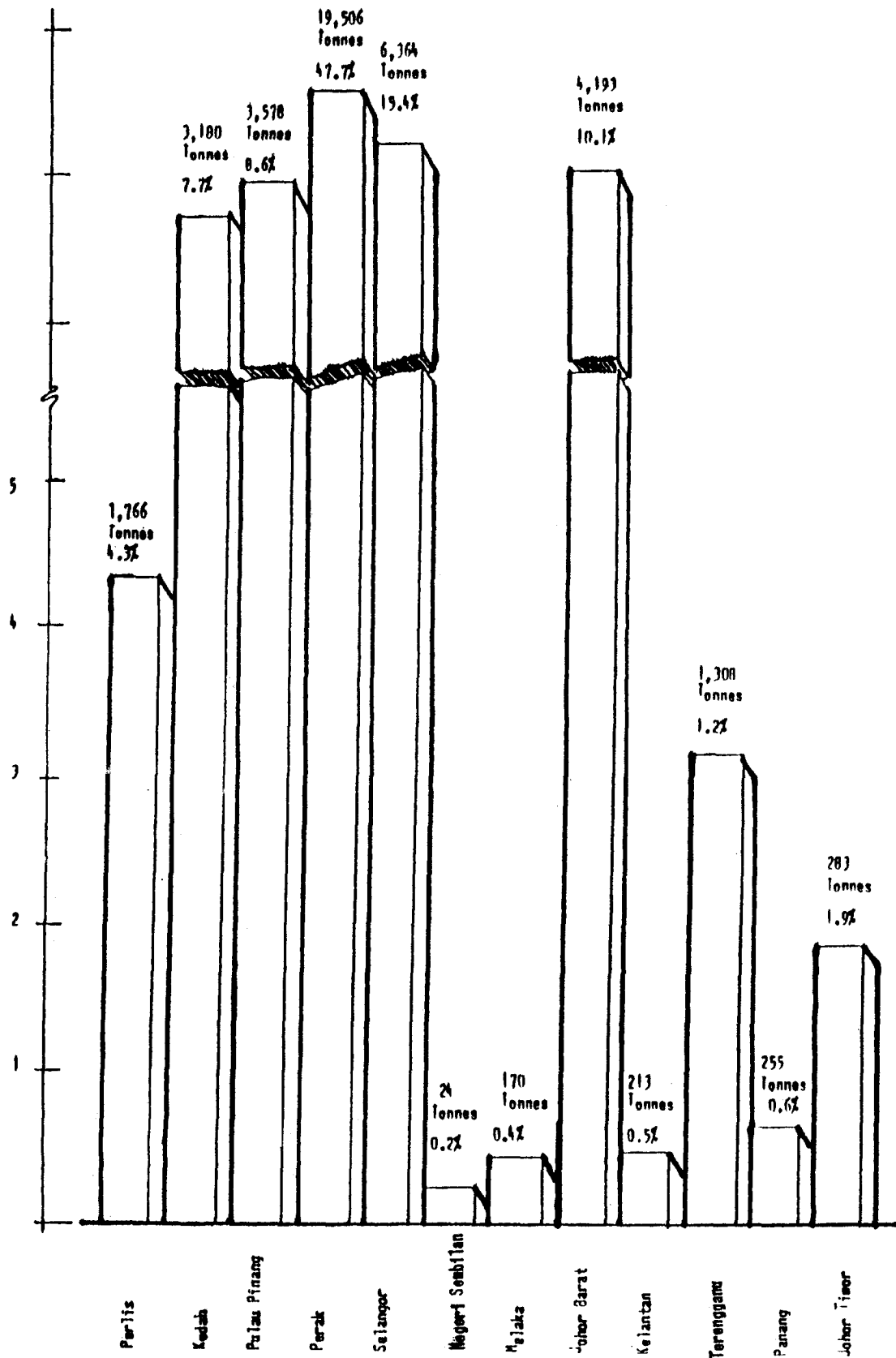
'000 Tan Metrik
 ('000 Tonnes)



SEMI-MALAYSIA (PENINSULAR MALAYSIA)
 PENDARATAN UDANG, 1984
 (Prawn Landings, 1984)

CHARTA (CHART) D

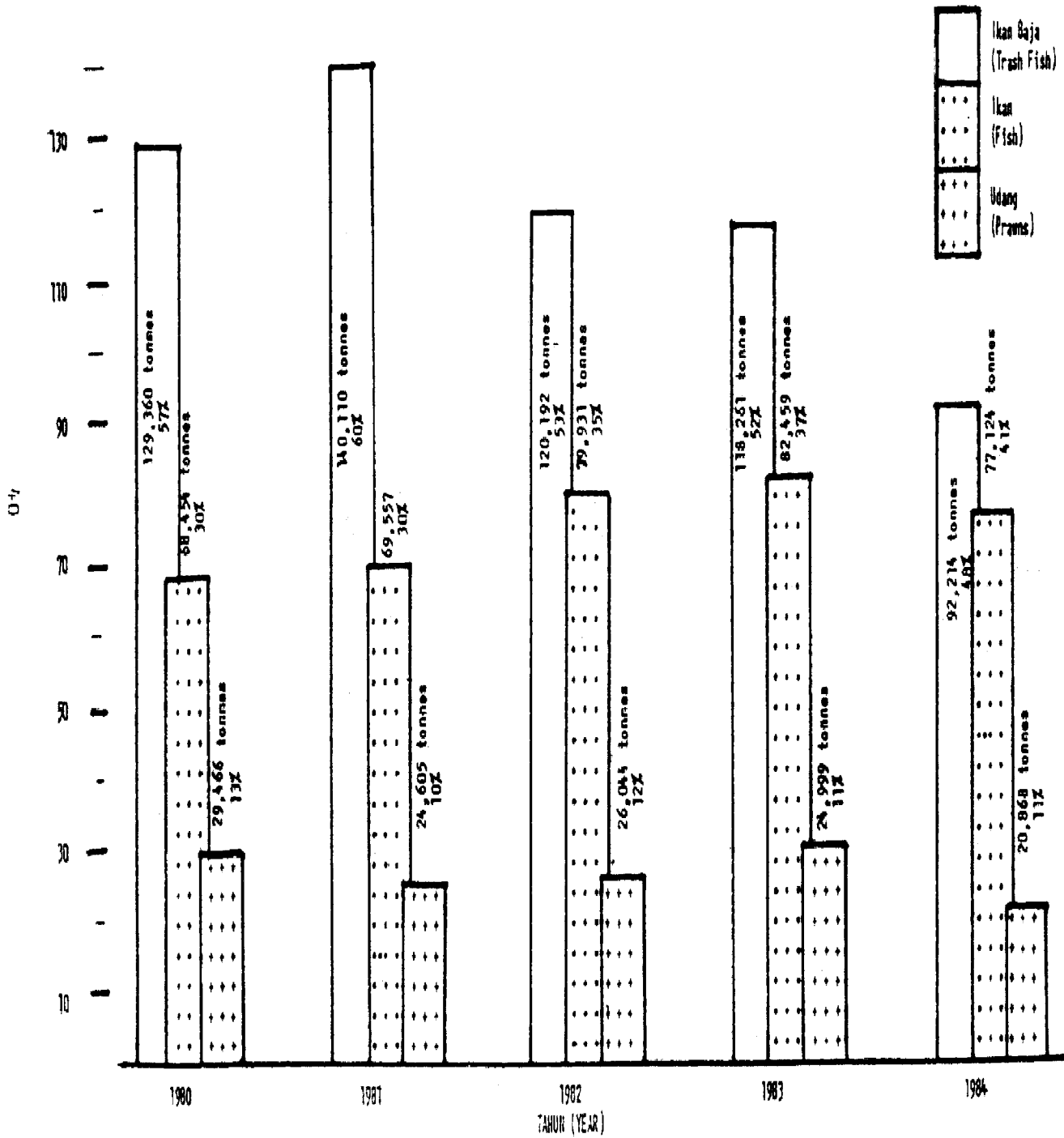
Persatus
 (Percentage)



SEMIANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 PENDARATAN PUKAT TUNDA, 1980 - 1984
 (Trawl Landings for the Years, 1980 - 1984)

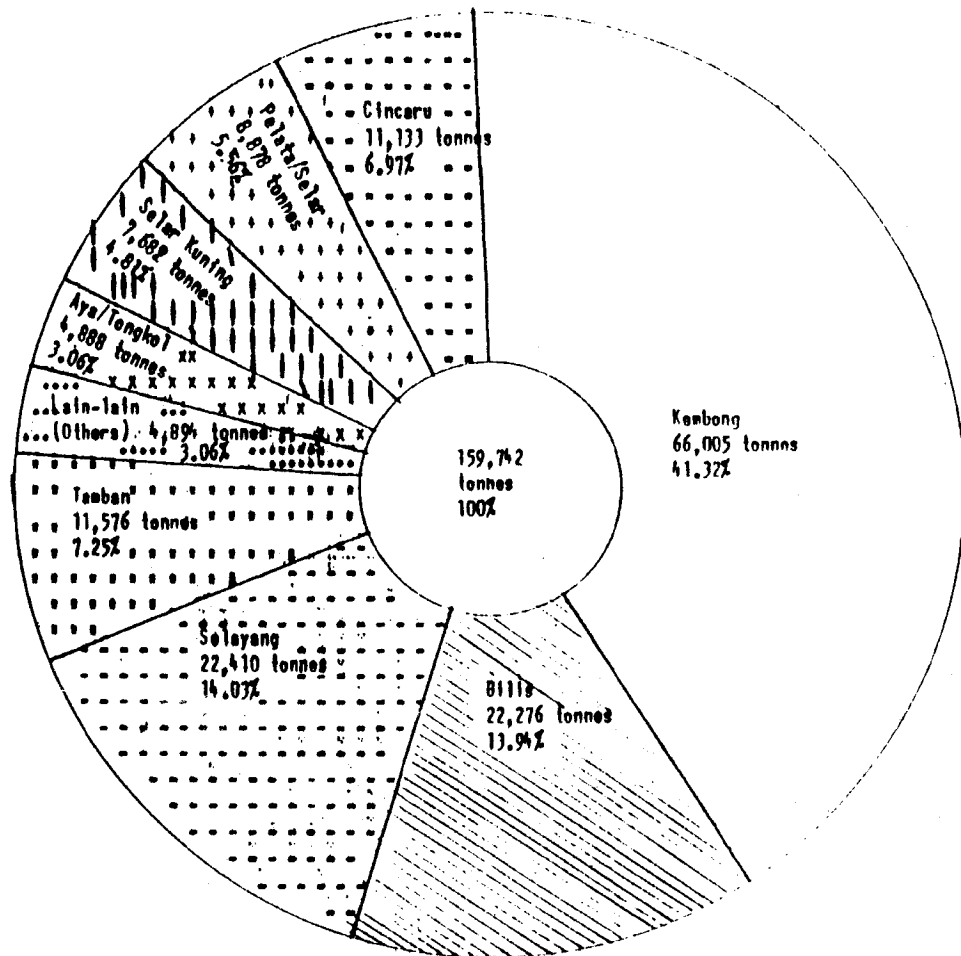
SMARTA(CHART)E

'000 Tan R.
 ('000 Tonnes)



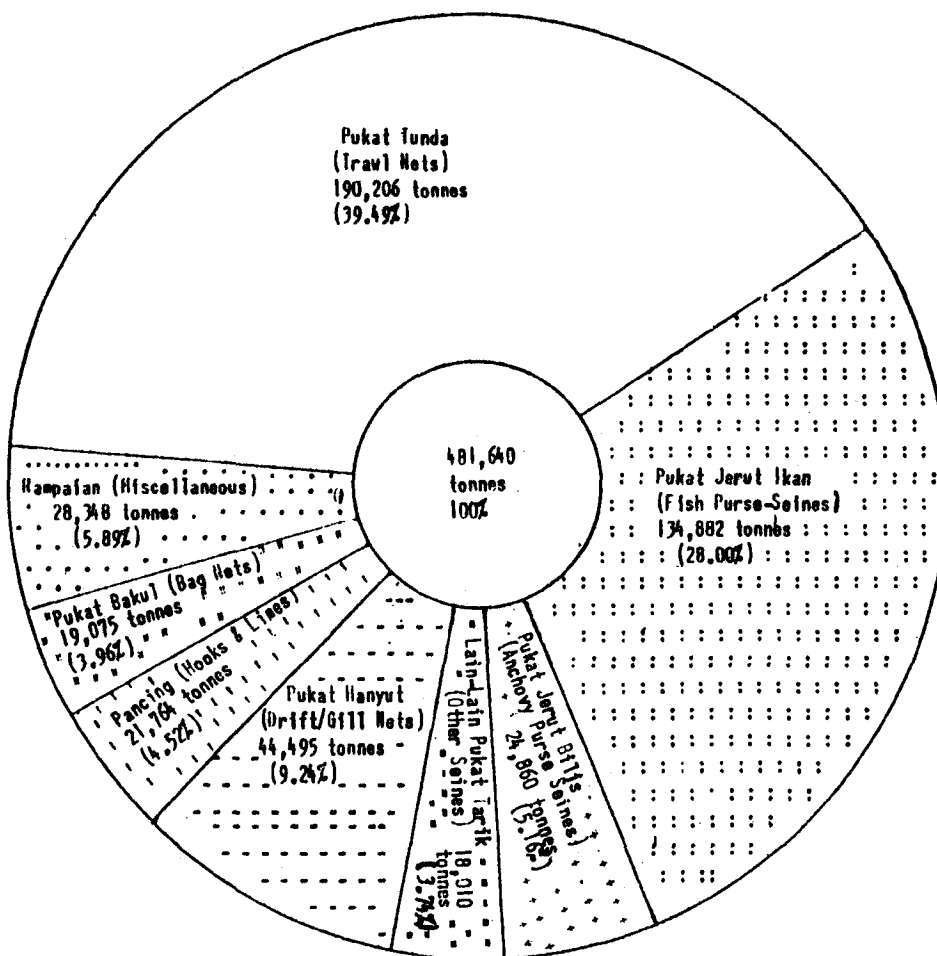
SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 PPENDARATAN PUKAT JERUT MENGIKUT JENIS IKAN, 1984
 (Purse-Seine Landings by Species, 1984)

CHARTA (CHART) F



SEHENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 1984
 (Landings of Marine Fish by Gear Group, 1984)

CARTA (CHART) 6

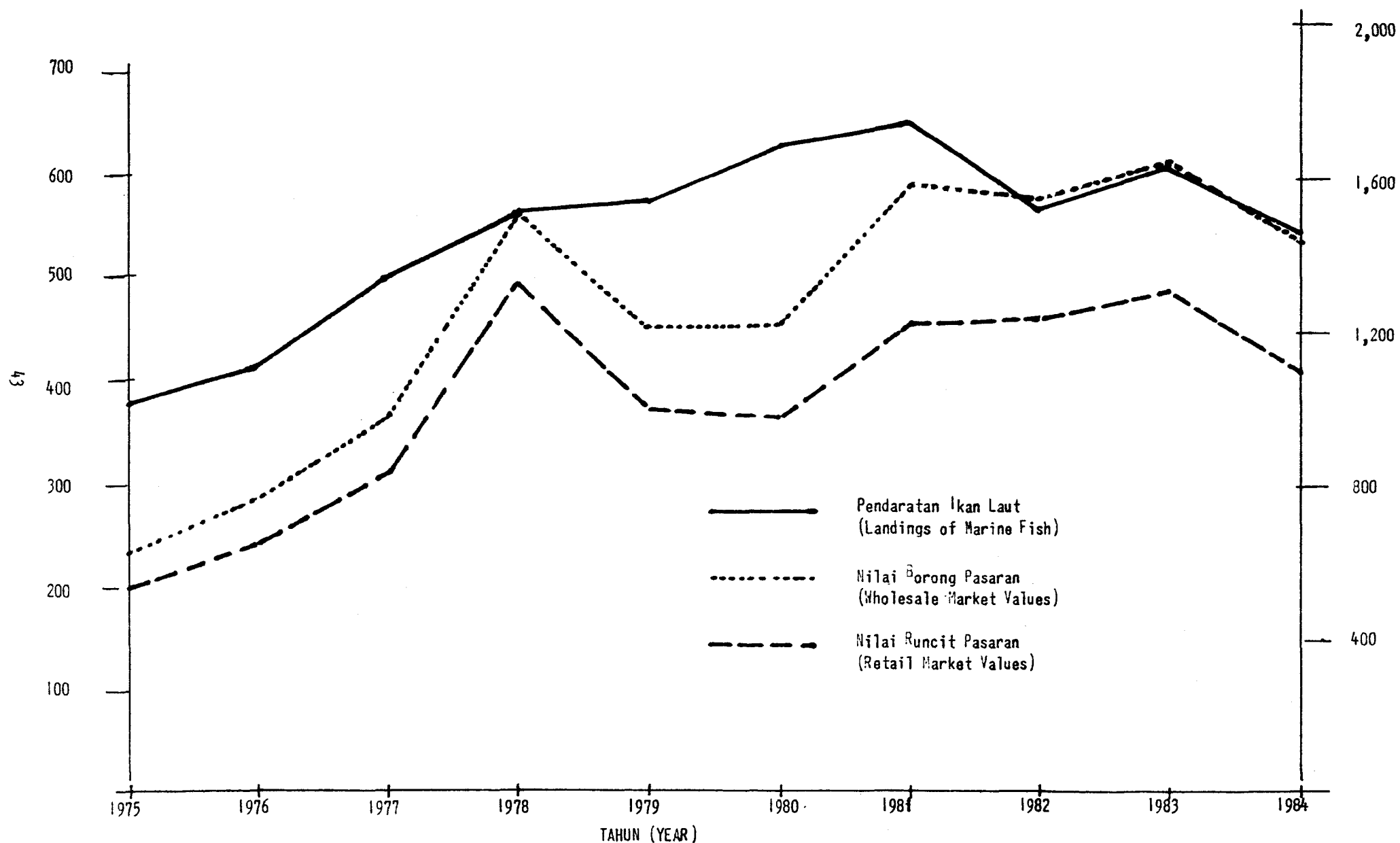


0 Perkakas Rampai adalah termasuk Pukat Tangguk, Belat-Belat, Pukat Rentang, Pukat Surung dan Memungut Siput.
 (Miscellaneous Gear includes Lift Nets, Stationary and Portable Traps, Barrier Nets, Push Nets and Shellfish Collection)

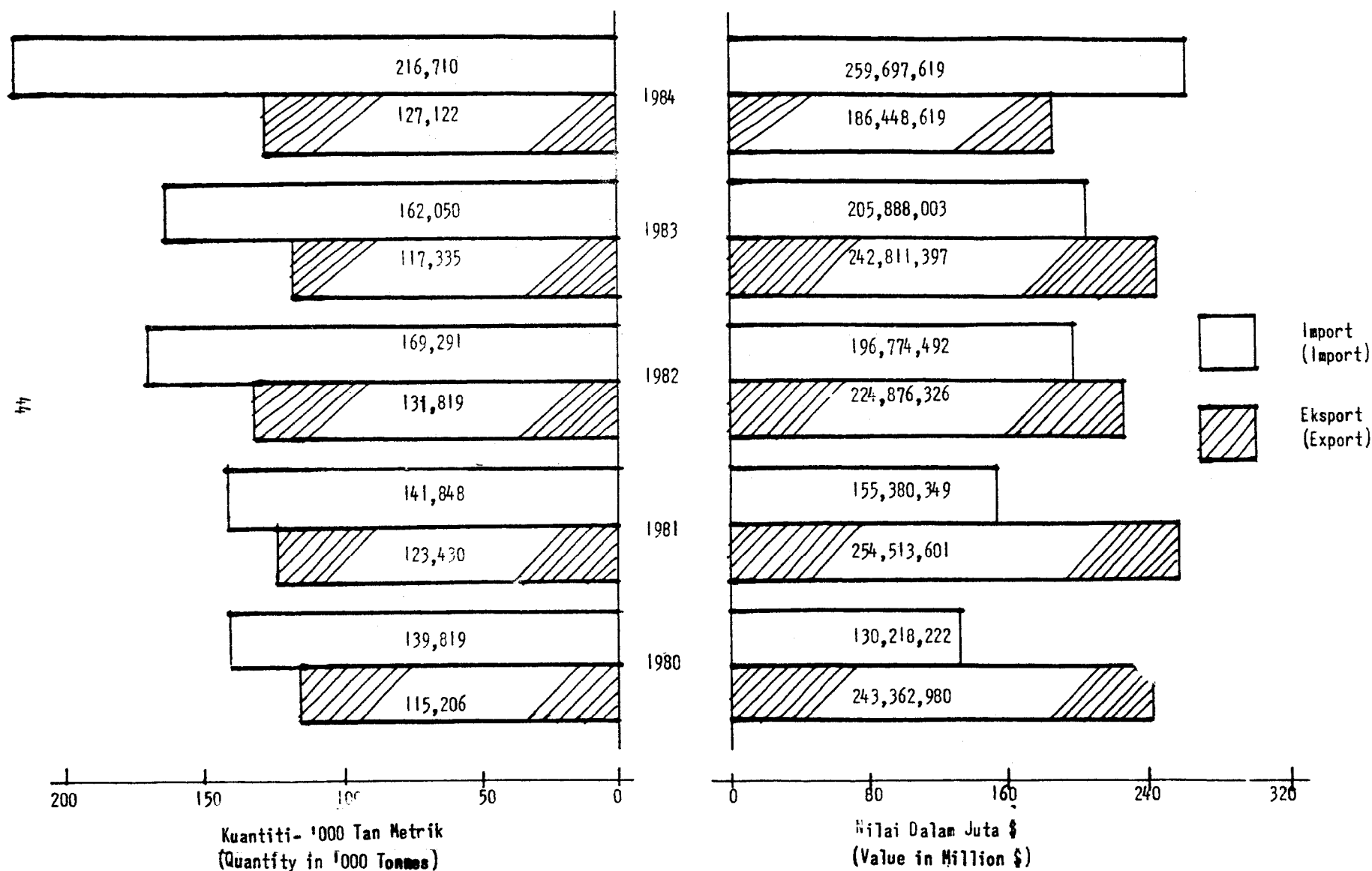
Pendaratan dalam '000 Tan Metrik
(Landings in '000 Tonnes)

SEMANJUNG MALAYSIA(PENINSULAR MALAYSIA)
NILAI-PASARAN DAN PENDARATAN IKAN LAUT BAGI TAHUN 1975-1984
(MARKET VALUES AND LANDINGS OF MARINE FISH FOR THE YEARS 1975-1984)

CHARTA(CHART) H
Nilai dalam Juta Ringgit
(Values in Million \$)



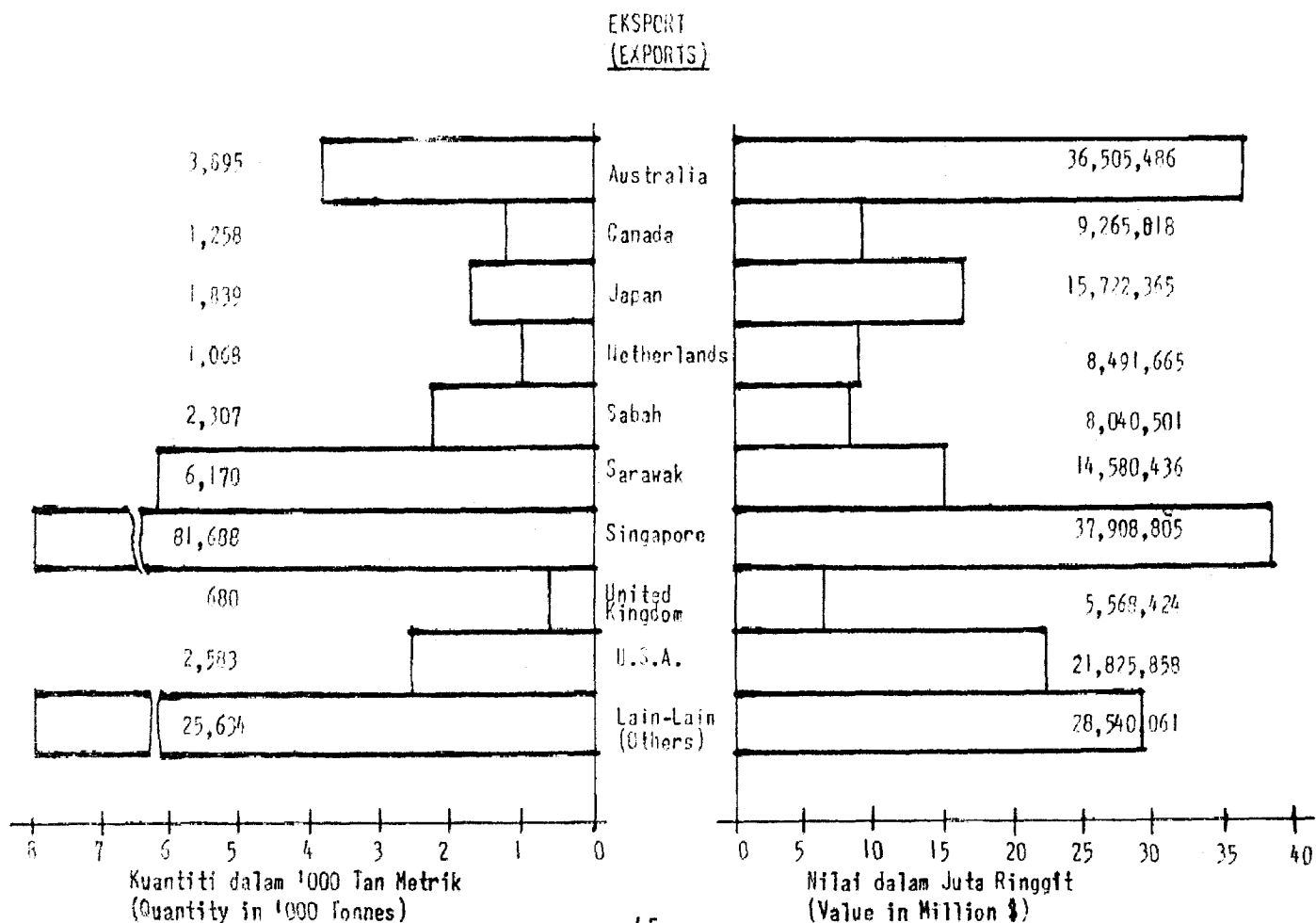
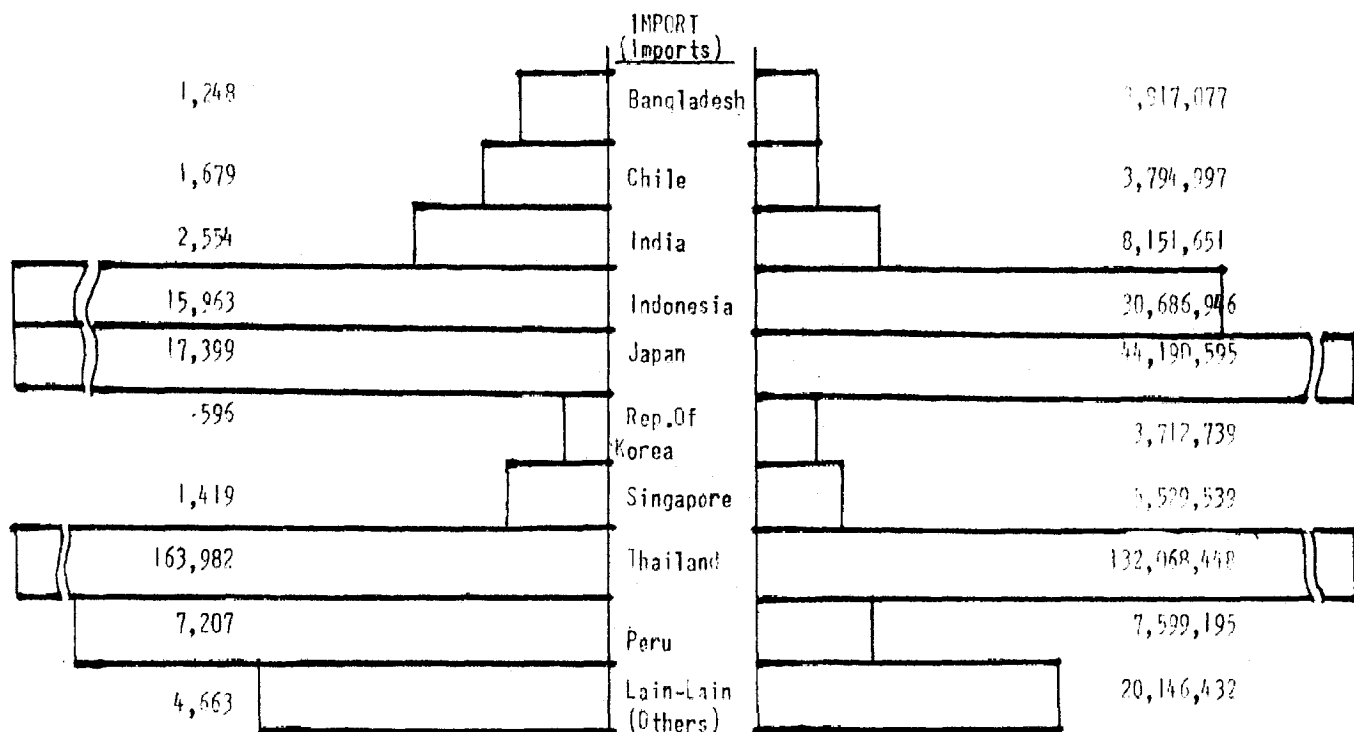
SEMANAJUNG MALAYSIA (PENINSULAR MALAYSIA)
 SIRI TAHUNAN IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT KUANTITI DAN NILAI
 (ANNUAL SERIES OF FISHERY COMMODITIES OF IMPORTS & EXPORTS BY QUANTITY AND VALUE)



SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT KUANTITI, NILAI DAN
 NEGERI ASAL/DESTINASI UTAMA, 1984

CHARTA (CHART) J

(Import and Export of Fishery Commodities by Quality, Value and
 Major Country of Origin/Destination, 1984)



SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN NELAYAN-NELAYAN YANG BEKERJA DI ATAS BOT-BOT BERLESEN, 1984
NO. OF FISHERMEN WORKING IN LICENSED BOATS, 1984

JADUAL (TABLE) 1.1

Negeri/State	Pantai Barat/West Coast									Pantai Timur/East Coast					
	Perlis	Kedah	P.Pinang	Perak	Selangor	Negeri	Melaka	Johor Barat	Jumlah	Kelantan	Terengganu	Pahang	Johor Timur	Jumlah	Jumlah Besar
Bangsa/Race			Penang			Sembilan	Malacca	West Johore	Kecil				East Johore	Kecil	Grand Total
									Sub-Total					Sub-Total	
Melayu Malay	1,669	7,258	2,867	3,182	1,216	248	1,231	3,867	21,538	7,124	12,079	3,597	4,278	27,078	48,616
China Chinese	144	1,017	3,519	9,321	4,995	299	610	3,235	23,140	7	0	120	1,810	1,937	25,077
India Indian	0	14	28	365	106	31	0	6	550	14	0	0	0	14	564
Portugis Portuguese	0	0	0	0	0	0	76	0	76	0	0	0	0	0	76
Thai Thais	1,523	361	0	0	0	0	0	0	1,884	0	0	0	0	0	1,884
Orang Asli Aborigines	0	0	0	0	0	0	0	151	151	0	0	0	0	0	151
Jumlah Besar Grand Total	3,336	8,650	6,414	12,868	6,317	578	1,917	7,259	47,339	7,145	12,079	3,717	6,088	29,029	76,368

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
 BILANGAN NELAYAN-NELAYAN YANG BEKERJA DI ATAS BOT-BOT BERLESEN MENGIKUT KUMPULAN-KUMPULAN PERKAKAS DAN NEGERI, 1984
 NO. OF FISHERMEN WORKING IN LICENSED BOATS BY GEAR GROUP AND STATE, 1984

JADUAL (TABLE) 1.2

Negeri/State	P. Pinang					Negeri	Melaka	Johor Barat				Johor Timur	Jumlah
Kumpulan Perkakas	Perlis	Kedah	Penang	Perak	Selangor	Sembilan	Malacca	West Johore	Kelantan	Terengganu	Pahang	East Johore	Total
Gear Group													
Pukat Tunda/Trawl Nets	783	2,392	523	3,971	1,406	0	0	992	421	1,276	688	1,535	13,987
Pukat Tarik/Seine Nets:													
Pukat Jerut Ikan	1,738	576	1,103	1,627	150	0	0	0	866	2,513	516	1,372	10,461
Purse Seine-Fish													
Pukat Jerut Bilis	0	1,891	0	270	0	0	0	0	10	916	234	0	3,321
Purse Seine-Anchovy													
Lain-Lain/Other Seines	22	125	685	1,046	37	16	32	92	919	114	11	5	3,104
Pukat Hanyut	684	2,202	3,459	4,149	3,650	527	1,667	4,980	3,365	2,283	798	2,457	30,221
Bill/Drift Nets													
Pukat Tangguk/Lift Nets	0	262	0	0	0	0	0	4	253	506	228	73	1,326
Perangkap/Traps:													
Belat-Belat (Stationary)	3	0	4	22	53	0	15	105	0	0	1	89	292
Bubu (Portable)	0	10	129	205	9	0	0	248	104	628	488	69	1,890
Pancing/Hooks & Lines	88	154	244	771	370	35	194	308	1,184	3,695	700	394	8,137
Pukat Bakul/Bag Nets	0	44	161	139	493	0	0	147	0	0	0	4	988
Pukat Surung	0	9	41	12	33	0	0	0	0	0	0	0	95
Push/Scoop Nets													
Pukat Rentang	15	104	0	0	2	0	9	172	0	0	0	30	332
Barrier Nets													
Mewungut Siput	3	1	8	285	13	0	0	132	0	0	5	0	447
Shellfish Collection													
Pembawa Ikan	0	0	22	4	16	0	0	0	16	0	35	2	95
Fish Carriers													
Rakapalan/Miscellaneous	0	880	35	367	85	0	0	79	7	148	13	58	1,672
Jumlah/Total:	3,336	18,650	6,414	12,868	6,317	578	1,917	7,259	7,145	12,079	3,717	6,088	76,368

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT MEMANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KELAS MUATAN, 1984
NUMBER OF LICENSED FISHING BOATS BY STATE AND TONNAGE CLASS, 1984

JADUAL (TABLE) 2.1

Jenis/Type Negeri/State	Jumlah Total	Bot Tiada Berjentera Non-Powered	Bot Berjentera Sangkut Outboard-Powered	Jumlah Kecil Sub-Total	BOT JENTERA DALAM/INBOARD-POWERED										
					0-4.9	5-9.9	10-14.9	15-19.9	20-24.9	25-39.9	40-49.9	50-69.9	70-99.9	100 Tan	
					Tan Tons	Tan Tons	Tan Tons	Tan Tons	Tan Tons	Tan Tons	Tan Tons	Tan Tons	Tan Tons	Dan Keatas 100 Tons and above	
Pantai Barat/West Coast:															
Perlis	675	3	164	508	104	82	141	39	10	74	22	22	14	0	
Kedah	2,141	46	777	1,318	300	286	205	11	16	211	186	76	27	0	
Pulau Pinang/Penang	2,275	161	1,070	1,044	442	349	9	10	12	166	26	29	1	0	
Perak	5,226	198	1,100	3,928	1,060	1,059	948	325	41	129	108	230	28	0	
Selangor	3,383	269	677	2,437	209	1,470	305	115	43	203	56	33	3	0	
Negeri Sembilan	207	21	115	71	15	56	0	0	0	0	0	0	0	0	
Melaka/Malacca	876	66	523	287	28	259	0	0	0	0	0	0	0	0	
Johor Barat/West Johore	3,476	369	1,781	1,326	361	720	99	108	30	8	0	0	0	0	
Jumlah Kecil Sub-Total	18,259	1,133	6,207	10,919	2,519	4,281	1,707	608	152	791	398	390	73	0	
Pantai Timur/East Coast:															
Kelantan	1,634	71	353	1,210	585	225	179	128	27	49	8	6	3	0	
Terengganu	3,106	333	224	2,549	435	825	660	402	86	91	27	18	5	0	
Pahang	1,093	60	133	900	125	463	182	25	13	52	28	10	2	0	
Johor Timur/East Johore	1,581	85	541	955	165	339	122	36	33	121	87	51	1	0	
Jumlah Kecil Sub-Total	7,414	549	1,251	5,614	1,310	1,852	1,143	591	159	313	150	85	11	0	
Jumlah Besar Grand Total	25,673	1,682	7,458	16,533	3,829	6,133	2,850	1,199	311	1,104	548	475	84	0	

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
 BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KUASA-KUDA 1984
 NUMBER OF LICENSED FISHING BOATS BY STATE AND HORSEPOWER 1984

Negeri/State Kuasa Kuda/Horsepower Of Engine	Perlis	Kedah	P.Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Jumlah Kecil Sub-Total	Kelantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub-Total	Jumlah Besar Grand Total
Enjin Dalam/Inboard-Powered															
Kurang dari 5 K.K. (Under 5 h.p.)	10	18	4	88	20	0	1	53	194	170	103	18	13	304	498
5 - 9 K.K. (h.p.)	73	185	74	251	138	8	67	131	927	405	268	47	82	802	1,729
10 - 19 "	54	231	157	445	481	27	169	428	1,992	167	562	215	239	1,183	3,175
20 - 39 "	202	169	491	1,913	1,025	36	50	384	4,270	391	1,340	490	304	2,525	6,795
40 - 59 "	16	63	42	675	178	0	0	96	1,070	33	132	15	6	186	1,256
60 - 99 "	0	20	51	25	220	0	0	96	412	19	61	10	8	98	510
100 - 149 "	36	133	85	68	117	0	0	115	554	21	38	33	97	189	743
150 - 249 "	108	479	139	398	254	0	0	22	1,400	3	42	70	203	318	1,718
250 - 349 "	9	20	1	64	4	0	0	1	99	1	1	2	3	7	106
350 K.K. ke atas (350 h.p. & above)	0	0	0	1	0	0	0	0	1	0	2	0	0	2	3
Jumlah/Total:	508	1,318	1,044	3,928	2,437	71	287	1,326	10,919	1,210	2,549	900	955	5,614	16,533
Enjin Sangkut/Outboard-Powered															
Kurang dari 5 K.K. (Under 5 h.p.)	67	247	746	744	420	51	158	895	3,328	206	129	53	201	589	3,917
5 - 9 K.K. (h.p.)	97	529	274	324	228	61	288	688	2,489	79	95	80	265	519	3,008
10 - 19 "	0	1	45	29	12	3	70	85	245	57	0	0	35	92	337
20 - 39 "	0	0	4	3	1	0	7	95	110	11	0	0	34	45	155
40 - 59 "	0	0	1	0	2	0	0	18	21	0	0	0	6	6	27
60 - 99 "	0	0	0	0	14	0	0	0	14	0	0	0	0	0	14
100 - 149 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 - 249 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250 - 349 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350 K.K. ke atas (350 h.p. & above)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jumlah/Total:	164	777	4,070	1,100	677	115	523	1,781	6,207	353	224	133	541	1,251	7,458

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN DAN NELAYAN-NELAYAN MENGIKUT
DAERAH-DAERAH PERIKANAN, 1984
NUMBER OF LICENSED FISHING BOATS AND FISHERMEN BY FISHERIES DISTRICTS, 1984

JADUAL (TABLE) 2.3

Daerah-Daerah Perikanan (Fisheries Districts)	Bot-Bot (Fishing Boats)				Nelayan-Nelayan (Fishermen)				
	Berjentera	Berjentera	Tidak	Jumlah Total	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
	Dalam Inboard	Sangkut Outboard	Berjentera Non-Powered						
1) Kuala Perlis	508	164	3	675	1,669	144	0	1,523	3,336
2) Langkawi	139	158	4	301	1,470	75	0	361	1,906
3) Kedah Utara	884	233	15	1,132	3,240	685	0	0	3,925
4) Kedah Selatan	295	386	27	708	2,548	257	14	0	2,819
5) Timur Laut/P.Pinang	89	159	31	279	191	423	16	0	630
6) Barat Daya/P.Pinang	416	435	52	903	937	1,491	5	0	2,433
7) Seberang Prai	539	476	78	1,093	1,739	1,605	7	0	3,351
8) Krian	852	307	35	1,194	741	1,654	14	0	2,409
9) Larut & Matang	1,244	190	45	1,479	361	2,678	14	0	3,053
10) Manjong	1,126	395	77	1,598	1,587	2,944	335	0	4,866
11) Hilir Perak	706	208	41	955	493	2,045	2	0	2,540
12) Selangor Utara	653	231	29	913	274	1,848	3	0	2,125
13) Selangor Tengah	547	103	43	693	259	390	2	0	651
14) Pelabuhan Kelang	934	203	126	1,263	383	2,155	25	0	2,563
15) Selangor Selatan	303	140	71	514	300	602	76	0	978
16) Port Dickson	71	115	21	207	248	299	31	0	578
17) Melaka	287	523	66	876	1,231	610	0	76	1,917
18) Muar	287	322	89	698	735	687	3	0	1,425
19) Batu Pahat	401	232	32	665	503	776	0	151	1,430
20) Pontian	620	452	87	1,159	1,046	1,445	0	0	2,491
21) Johor Bahru	18	775	161	954	1,583	327	3	0	1,913
22) Kota Tinggi (Utara)	251	30	7	288	1,063	292	0	0	1,355
23) Pengerang (Kota Tinggi)	150	498	74	722	1,704	879	0	0	2,583
24) Mersing	554	13	4	571	1,511	639	0	0	2,150
25) Kuantan	391	45	38	474	1,812	27	0	0	1,839
26) Pekan	343	86	20	449	1,197	7	0	0	1,204
27) Kuala Rompin	166	2	2	170	588	86	0	0	674
28) Kemaman	454	4	31	489	2,371	0	0	0	2,371
29) Dungun	401	1	6	408	1,510	0	0	0	1,510
30) Marang	296	21	79	396	1,547	0	0	0	1,547
31) Kuala Terengganu	883	26	121	1,030	3,729	0	0	0	3,729
32) Besut	515	172	96	783	2,922	0	0	0	2,922
33) Kota Bharu	240	149	30	419	1,725	2	0	0	1,727
34) Bacok & Pasir Putih	391	74	29	494	2,209	3	0	0	2,212
35) Tumpat	579	130	12	721	3,190	2	14	0	3,206
Jumlah/Total:	16,533	7,458	1,682	25,673	48,616	25,077	564	2,111	76,368

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT YANG DILESENKAN DAN BILANGAN NELAYAN-NELAYAN
YANG BEKERJA DIBOT-BOT BERLESEN, 1962-1984
NUMBER OF FISHING BOATS LICENSED AND NUMBER OF FISHERMEN
OPERATING LICENSED BOATS, 1962-1984

JADUAL (TABLE) 24

Tahun Year	Bilangan Bot-Bot yang Dilesenkan Number of Fishing Boats Licensed				Bilangan Nelayan-Nelayan Number of Fishermen				
	Berjentera Dalam Inboard	Berjentera Sangkut Outboard	Tidak Berjentera Non-Powered	Jumlah Total	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
1962	5,468	4,377	12,338	22,183	35,750	19,246	421	93	55,510
1963	6,426	4,057	12,271	22,754	36,199	22,874	252	124	59,449
1964	6,983	3,744	10,903	21,630	37,075	23,732	217	441	61,465
1965	8,374	3,908	10,182	22,464	40,548	27,155	153	332	68,188
1966	9,298	3,237	8,371	20,906	36,508	25,252	215	482	62,457
1967	10,145	2,887	7,204	20,236	34,833	26,402	212	706	62,153
1968	10,629	2,531	6,293	19,453	34,414	26,398	195	494	61,501
1969	11,399	2,177	5,608	19,184	34,845	28,258	160	351	63,614
1970	12,865	2,164	5,277	20,306	36,472	31,078	253	351	68,154
1971	14,284	2,036	4,821	21,141	36,295	31,096	256	314	67,961
1972	14,945	2,009	4,665	21,619	38,589	29,892	310	461	69,252
1973	15,596	2,004	4,567	22,167	38,048	29,192	342	726	68,308
1974	16,205	2,100	4,072	22,377	38,973	30,619	424	789	70,805
1975	16,081	2,138	3,928	22,147	40,335	31,992	452	525	73,304
1976	16,142	2,342	4,151	22,635	41,997	30,479	450	610	73,536
1977	16,977	2,775	4,329	24,081	44,373	30,131	541	600	75,645
1978	17,775	3,684	6,038	27,497	51,265	30,980	637	812	83,694
1979	17,741	5,156	6,256	29,153	50,816	30,323	528	1,259	82,926
1980	18,433	6,585	5,502	30,520	55,008	31,802	410	1,752	88,972
1981	18,585	7,368	4,437	30,390	54,538	30,084	609	1,694	86,925
1982	17,875	7,246	2,620	27,741	49,232	28,306	739	1,960	80,237
1983	16,285	7,202	2,208	25,695	47,322	25,238	534	2,496	75,590
1984	16,533	7,458	1,682	25,673	48,616	25,077	564	2,111	76,368

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA, 1984
 BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1984
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1984

JADUAL (TABLE) 2.5

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot	BOT BERJENTERA DALAM/INBOARD POWERED											100 Tan & Keatas 100 Tons & above
			Berjentera Sangkut Out-board Powered	Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons		
Pukat Tunda/Trawi Nets	4,337	0	0	4,337	101	714	1,417	611	153	785	302	223	31	0	
Pukat Tarik/Seine Nets:															
Pukat Jerut Ikan	754	1	0	753	0	30	34	51	45	214	170	189	20	0	
Purse Seine-Fish															
Pukat Jerut Bilis	219	0	0	219	11	30	41	24	7	34	62	10	0	0	
Purse Seine-Anchovy															
Lain-Lain	953	49	393	511	331	169	9	2	0	0	0	0	0	0	
Other Seines															
Pukat Hanyut/Gill/Drift Nets	13,850	869	5,697	7,284	2,292	3,971	745	210	44	21	1	0	0	0	
Pukat Tangguk/Lift Nets	267	10	40	217	55	109	47	5	1	0	0	0	0	0	
Perangkap/Traps:															
Belat-Belat	112	15	54	43	16	23	2	1	1	0	0	0	0	0	
Stationary															
Bubu	568	18	129	421	22	153	129	62	34	20	1	0	0	0	
Portable															
Pancing	3,036	353	649	2,034	552	795	412	230	23	21	1	0	0	0	
Hooks and Lines															
Pukat Bakul	561	79	111	371	263	105	0	1	1	1	0	0	0	0	
Bag Nets															
Pukat Surung	107	13	88	6	6	0	0	0	0	0	0	0	0	0	
Push/Scdop Nets															
Pukat Rentang	127	34	72	21	10	11	0	0	0	0	0	0	0	0	
Barrier Nets															
Memungut Siput	287	69	54	164	155	8	1	0	0	0	0	0	0	0	
Shellfish Collection															
Pembawa Ikan	68	30	10	28	5	4	3	0	2	4	10	0	0	0	
Fish Carriers															
Rampaian	427	142	161	124	10	11	10	2	0	4	1	53	33	0	
Miscellaneous															
Jumlah/Total:	25,673	1,682	7,458	16,533	3,829	6,133	2,850	1,199	311	1,104	548	475	84	0	

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PERKAKAS-PERKAKAS YANG DILESENKAN MENGIKUT NEGERI, 1984
NUMBER OF LICENSED FISHING GEARS BY STATE, 1984

JADUAL (TABLE) 3.1

Kumpulan Perkakas Gear Group	Pukat Tunda Trawl Nets	Pukat-Pukat Tarik Seine Nets			Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-Perangkap Traps		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscellaneous	Jumlah Total
		Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy	Lain-Lain Other Seines			Belat-Belat Stationary	Bubu Portable							
Pantai Barat (West Coast):															
Perlis	261	105	0	9	295	0	0	0	17	0	9	0	24	0	720
Kedah	549	33	80	47	931	60	6	2	66	107	34	0	2	2	1,919
Pulau Pinang/Penang	144	91	0	175	1,681	0	2	38	127	143	1	0	131	19	2,552
Perak	1,652	136	15	310	2,135	1	3	74	256	141	3	0	663	172	5,561
Selangor	522	25	0	3	2,398	11	3	3	166	453	29	13	624	3	4,253
Negeri Sembilan	0	0	0	7	190	0	0	21	33	0	0	0	2	0	253
Malaka/Malacca	0	0	0	16	797	0	4	0	108	0	6	0	0	0	931
Johor Barat/West Johore	359	0	0	47	2,606	2	160	153	194	211	65	0	60	0	3,857
Jumlah Kecil/Sub-Total:	3,487	390	95	614	11,033	74	178	291	967	1,055	147	13	1,506	196	20,046
Pantai Timur/East Coast:															
Kelantan	180	51	8	132	958	58	8	21	340	0	0	0	0	0	1,756
Terengganu	96	32	92	60	949	63	21	145	1,315	0	0	0	0	1	2,774
Pahang	222	35	21	3	401	40	14	144	292	0	0	0	6	26	1,204
Johor Timur/East Johore	452	98	0	7	1,018	28	110	53	201	246	18	0	0	12	2,247
Jumlah Kecil/Sub-Total:	950	216	121	202	3,326	189	153	363	2,148	246	18	0	6	39	7,977
Jumlah Besar/Grand-Total:	4,437	606	216	816	14,359	263	331	654	3,115	1,301	165	13	1,512	235	28,023

SEMIJANG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN PERKAKAS-PERKAKAS MENANGKAP IKAN YANG DIUSAHAKAN MENGIKUT NEGERI, 1984
 ESTIMATED NUMBER OF FISHING GEARS IN OPERATION BY STATE, 1984

JADUAL (TABLE) 3.2

Kumpulan Perkakas Gear Group	Pukat Tunda Trawl Nets	Pukat-Pukat Tarik Seine Nets			Pukat Hanyut Drift/Gill Mets	Pukat Tangguk Lift Mets	Perangkap-Perangkap Traps		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscellaneous	Jumlah Total
		Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy	Lain-Lain Other Seines			Belat-Belat Stationary	Bubu Portable							
Pantai Barat (West Coast):															
Perlis	203	87	0	9	216	0	5	0	18	0	9	0	13	22	582
Kedah	635	26	86	88	1,341	24	19	37	302	108	33	9	13	61	2,782
Pulau Pinang/Penang	95	61	0	134	1,536	0	0	21	75	122	0	33	87	13	2,177
Perak	2,506	121	16	240	1,997	0	106	94	416	101	260	189	449	377	6,872
Selangor	1,441	66	0	178	1,700	0	25	0	303	554	31	0	702	10	5,010
Negeri Sembilan	0	0	0	10	172	0	0	9	23	0	0	0	2	9	225
Melaka/Malacca	0	0	0	12	734	0	4	0	123	0	3	109	12	0	997
Johor Barat/West Johore	375	0	0	33	1,998	0	73	42	96	71	3	127	14	0	2,832
Jumlah Kecil/Sub-Total:	5,255	361	102	704	9,694	24	232	203	1,356	956	339	467	1,292	492	21,477
Pantai Timur/East Coast:															
Kelantan	130	24	0	14	88	89	0	16	23	0	0	0	0	0	384
Terengganu	417	133	42	0	622	30	0	234	615	0	0	0	0	123	2,216
Pahang	185	22	16	0	297	28	0	62	99	15	0	9	1	17	751
Johor Timur/East Johore	279	68	0	0	131	17	10	74	185	56	0	0	0	10	830
Jumlah Kecil/Sub-Total:	1,011	247	58	14	1,138	164	10	386	922	71	0	9	1	150	4,181
Jumlah Besar/Grand-Total:	6,266	608	160	718	10,832	188	242	589	2,278	1,027	339	476	1,293	642	25,658

BILANGAN PERAKAS-PERAKAS YANG DILESENKAN MENGIKUT DAERAH PERIKANAN, 1984
NUMBER OF LICENSED GEARS BY FISHERIES DISTRICTS, 1984

Daerah-Daerah Perikanan (Fisheries Districts)	Pukat Tunda Trawl Nets	Pukat-Pukat Tarik (Seine Nets)				Pukat Manyut Mets	Pukat Tangguk Lift Mets	Perangkap-Perangkap Traps		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Renteng Barrier Nets	Pukat Serung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampai Miscellaneous	Jumlah Total
		Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain-Lain Other Seines	Drift/Bill Mets			Belat-Belat Stationary	Bubu Portable							
1. Kuala Perlis	261	105	0	9	295	0	0	0	17	0	9	0	24	0	720	
12. Langkawi	1	0	40	2	198	7	0	1	7	5	0	0	0	0	261	
13. Kedah Utara	496	27	1	28	297	27	0	1	45	0	4	0	0	2	928	
14. Kedah Selatan	52	6	39	17	436	26	6	0	14	102	30	0	2	0	730	
15. Barat Daya, Pulau Pinang	32	2	0	10	194	0	0	3	37	3	0	0	0	0	281	
16. Timur Laut, Pulau Pinang	112	41	0	12	620	0	0	8	44	101	0	0	120	0	1,058	
17. Seberang Prai	0	48	0	153	867	0	2	27	46	39	1	0	11	19	1,213	
18. Krian	0	13	0	237	554	0	0	7	22	129	0	0	89	46	1,097	
19. Larut & Matang	658	6	0	7	602	0	0	18	38	8	0	0	182	37	1,556	
110. Manjung	652	79	15	62	570	1	0	41	141	0	0	0	13	1	1,575	
111. Hilir Perak	342	38	0	4	409	0	3	8	55	4	3	0	379	88	1,333	
112. Selangor Utara	244	25	0	0	651	11	0	2	12	3	10	0	376	0	1,334	
113. Selangor Tengah	40	0	0	3	511	0	1	0	62	219	16	0	202	0	1,054	
114. Pelabuhan Kelang	227	0	0	0	772	0	0	0	45	231	2	13	46	3	1,339	
115. Selangor Selatan	11	0	0	0	464	0	2	1	47	0	1	0	0	0	526	
116. Port Dickson	0	0	0	7	190	0	0	21	33	0	0	0	2	0	253	
117. Melaka	0	0	0	16	797	0	4	0	108	0	6	0	0	0	931	
118. Nuar	0	0	0	8	617	0	110	23	71	0	41	0	2	0	872	
119. Batu Pahat	75	0	0	19	520	0	9	5	31	84	14	0	0	0	757	
120. Pontian	284	0	0	11	846	0	8	1	6	127	7	0	0	0	1,290	
121. Johor Bahru	0	0	0	9	623	2	33	124	86	0	3	0	58	0	938	
122. Kota Tinggi Utara	127	44	0	0	91	13	0	2	105	0	8	0	0	0	390	
123. Kota Tinggi Selatan	8	0	0	3	671	3	92	6	2	246	10	0	0	10	1,051	
124. Mersing	317	54	0	4	256	12	18	45	94	0	0	0	0	2	802	
125. Kuantan	77	23	16	0	107	16	1	46	163	0	0	0	0	13	462	
126. Pekan	49	2	1	3	226	24	0	89	97	0	0	0	6	13	501	
127. Kuala Rompin	105	10	4	0	68	0	13	9	32	0	0	0	0	0	241	
128. Kemaman	14	0	11	6	48	23	0	63	182	0	0	0	0	0	347	
129. Dungun	19	2	9	8	172	6	7	52	202	0	0	0	0	0	477	
130. Marang	6	1	15	6	146	5	7	3	156	0	0	0	0	0	345	
131. Kuala Terengganu Utara	36	14	16	9	178	13	1	21	607	0	0	0	0	0	895	
132. Besut	21	15	41	31	405	18	6	6	168	0	0	0	0	1	710	
133. Kota Bharu	66	24	0	19	259	35	8	0	75	0	0	0	0	0	486	
134. Bachok/Pasir Putih	12	26	1	4	366	6	0	3	60	0	0	0	0	0	478	
135. Tumpat	102	1	7	109	333	17	0	18	205	0	0	0	0	0	792	
Jumlah/Totals	4,437	606	216	816	14,359	263	331	654	3,115	1,301	165	13	1,512	235	28,023	

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 1984
LANDINGS OF MARINE FISH BY MONTH AND STATE, 1984

JADUAL (TABLE) 4.1

Bulan/Month Negeri/State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Tan M. Total/Tonnes
Pantai Barat/West Coast:													
Perlis	2,803.79	2,858.93	2,849.04	2,804.56	2,810.65	2,790.90	2,908.53	2,822.43	2,777.97	2,755.80	2,711.38	2,645.82	33,539.80
Kedah	6,977.13	8,714.57	8,389.51	12,777.51	10,332.09	6,837.11	6,881.50	3,515.77	8,259.63	7,196.68	6,897.92	7,169.39	93,948.81
Pulau Pinang/Penang	1,845.10	1,834.63	1,969.00	1,852.49	1,616.28	1,400.36	1,104.42	1,368.86	1,450.14	1,532.73	1,695.17	2,151.87	19,821.05
Perak	11,506.56	5,985.13	8,969.00	10,481.59	7,986.44	11,277.39	7,717.10	12,382.40	9,227.95	12,272.69	13,702.11	14,845.67	126,354.03
Selangor	4,611.19	3,828.63	3,460.11	3,356.95	3,203.91	3,699.59	2,962.82	5,463.22	5,335.96	5,737.90	5,255.10	5,295.36	52,210.74
Negeri Sembilan	29.89	33.70	40.40	50.95	46.94	49.14	46.75	48.30	34.84	33.98	30.17	31.16	476.22
Melaka/Malacca	173.41	179.54	199.17	234.36	202.68	225.61	222.35	212.91	192.15	177.45	157.16	151.90	2,328.69
Johor Barat/West Johore	2,042.86	1,317.60	1,420.45	920.20	2,262.96	1,667.97	1,329.86	1,713.68	1,144.47	1,847.42	1,646.02	1,751.03	19,064.52
Jumlah Kecil Sub-Total	29,989.93	24,752.73	27,296.68	32,478.61	28,461.95	27,948.07	23,173.33	27,527.57	28,423.11	31,554.65	32,095.03	34,042.20	347,743.86
Pantai Timur/East Coast:													
Kelantan	336.29	427.41	445.74	544.03	535.21	345.96	521.35	573.19	567.15	552.89	469.80	251.50	5,570.52
Terengganu	4,673.91	4,183.01	6,991.90	6,690.83	6,338.52	6,694.64	8,783.19	7,692.54	8,642.73	7,745.55	6,384.55	4,516.88	79,338.25
Pahang	114.74	663.19	745.12	926.74	1,961.98	1,887.31	2,730.58	2,657.19	3,236.93	2,206.70	1,463.01	375.99	18,969.48
Johor Timur/East Johore	386.60	1,927.57	2,318.88	2,400.31	2,333.78	1,700.39	2,666.06	4,032.67	4,974.62	4,173.73	2,430.65	673.10	30,018.36
Jumlah Kecil Sub-Total	5,511.54	7,201.18	10,501.64	10,561.91	11,169.49	10,628.30	14,701.18	14,955.59	17,421.43	14,678.87	10,748.01	5,817.47	133,896.61
Jumlah Besar Grand Total	35,501.47	31,953.91	37,798.32	43,040.52	39,631.44	38,576.37	37,874.51	42,483.16	45,844.54	46,233.52	42,843.04	39,859.67	481,640.47

SEMI-MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS, 1984
LANDINGS OF MARINE FISH BY STATE AND GEAR GROUP, 1984

JADUAL (TABLE) 4.2.

Negeri/State Kumpulan Perkakas Gear Group	Pantai Barat/West Coast									Pantai Timur/East Coast					Jumlah Grand Total Tan M./Tonnes
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Jumlah Kecil Sub-Total	Kejantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub-Total	
Pukat-Pukat Tunda Trawl Nets	4,634.92	54,752.91	5,953.21	62,394.70	20,593.41	0.00	0.00	9,940.48	158,269.63	781.90	15,430.20	7,533.37	8,191.22	31,936.69	190,206.32
P.P. Tarik/Seine Nets:															
Pukat Jerut Ikan	25,477.19	16,794.93	4,015.79	28,605.13	11,451.86	0.00	0.00	0.00	86,344.90	4,405.51	32,009.16	2,002.87	9,319.45	48,536.99	134,881.69
P.Seine-Fish															
Pukat Jerut Bilis	0.00	17,605.58	0.00	1,477.42	0.00	0.00	0.00	0.00	19,083.00	0.00	4,992.11	785.28	0.00	5,777.39	24,860.39
P.Seine-Anchovy															
Lain-Lain/Other Seines	171.19	345.27	1,933.16	14,358.09	947.30	22.51	17.75	202.20	17,997.47	13.07	0.00	0.00	0.00	13.07	18,010.54
Pukat-Pukat Manyut Drift/Gill Nets	604.54	1,543.09	5,478.04	11,378.23	6,128.10	353.26	1,593.14	4,763.90	31,842.30	116.33	8,114.56	1,330.29	3,091.07	12,652.25	44,494.55
Pukat-Pukat Tangguk Lift Nets	0.00	71.72	3.72	0.00	0.00	0.00	0.00	0.00	75.44	123.14	4,133.43	3,221.95	925.36	8,403.88	8,479.32
Perangkap-Perangkap/Traps:															
Belat-Belat (Stationary)	61.63	739.90	0.00	1,019.86	399.09	0.00	27.80	1,045.00	3,293.28	0.00	0.00	0.00	338.96	338.96	3,632.26
Bubu (Portable)	0.00	122.43	380.03	865.51	0.00	42.18	0.00	111.61	1,521.76	54.36	4,546.15	887.26	48.34	5,536.11	7,057.87
Pancing/Hooks & Lines	224.16	417.18	173.14	2,287.67	1,171.89	52.79	522.14	936.20	5,785.17	76.21	8,796.09	2,976.30	4,129.80	15,978.40	21,763.57
Pukat-Pukat Bakul Bag Nets	0.00	672.05	1,096.80	420.51	11,310.15	0.00	0.00	1,605.06	15,104.57	0.00	0.00	12.00	3,958.39	3,970.39	19,074.96
Pukat-Pukat Rentang Barrier Nets	63.71	72.75	0.00	661.83	172.08	0.00	6.87	6.16	983.40	0.00	0.00	0.00	0.00	0.00	983.40
Pukat-Pukat Surung Push/Scoop Nets	0.00	56.00	13.63	1,958.83	0.00	0.00	160.34	29.36	2,218.16	0.00	0.00	0.90	0.00	0.90	2,219.06
Memungut Siput Shellfish Collections	2,228.00	712.99	762.74	170.57	33.06	0.00	0.65	424.55	4,332.56	0.00	0.00	0.00	0.00	0.00	4,332.56
Rampai/Miscellaneous	74.46	42.01	10.79	755.68	3.80	5.48	0.00	0.00	892.22	0.00	516.55	219.26	15.75	751.56	1,643.78
Jumlah/Total:	33,539.80	93,948.81	19,821.05	126,354.03	52,210.74	476.22	2,328.69	19,064.52	347,743.86	5,570.52	79,338.25	18,969.48	30,018.36	133,896.61	481,640.47

SEHEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1984
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1984

JADUAL (TABLE) 4.3.

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Tan M. Total Tonnes
Pukat-Pukat Tunda Trawl Nets	17,330.61	12,166.41	16,477.89	18,562.47	15,419.37	17,816.44	13,502.61	15,058.45	15,549.64	17,563.62	16,392.43	14,366.38	190,206.32
P.P. Tarik/Seine Nets:													
Pukat Jerut Ikan P.Seine-Fish	7,504.59	5,953.94	9,076.18	12,398.54	11,045.74	8,697.65	10,823.98	15,084.78	14,862.34	14,621.25	11,179.57	13,433.33	134,881.89
Pukat Jerut Bilis P.Seine-Anchovy	1,479.17	3,376.88	2,337.15	2,139.44	2,009.72	1,134.08	2,325.19	1,612.96	2,725.84	1,986.05	2,600.92	1,132.99	24,860.39
Lain-Lain/Other Seines	1,302.68	1,666.84	1,436.60	1,493.95	1,499.59	1,563.08	1,130.85	1,080.73	1,355.33	1,467.69	1,932.36	2,080.84	18,010.54
Pukat-Pukat Hanyut Drift/Gill Nets	3,326.32	3,553.86	4,093.81	3,816.13	4,028.75	3,980.35	3,552.05	3,717.01	3,998.22	3,623.16	3,368.91	3,435.78	44,494.55
Pukat-Pukat Tangguk Lift Nets	151.80	320.53	134.76	327.97	751.12	522.36	1,503.59	1,491.39	1,325.23	880.55	795.22	274.80	8,479.32
Perangkap-Perangkap/Traps:													
Belat-Belat (Stationary)	421.60	254.01	330.21	255.23	279.80	277.80	646.79	289.83	211.56	225.15	241.66	279.42	3,632.26
Bubu (Portable)	438.99	558.94	649.80	687.24	541.22	677.01	723.34	587.76	576.39	539.38	580.09	578.31	7,857.87
Pancing/Hooks & Lines	1,434.44	1,756.66	1,430.82	1,525.07	1,835.38	1,751.60	1,876.56	1,798.72	1,959.19	2,191.86	2,459.58	1,743.69	21,763.57
Pukat-Pukat Bakul Bag Nets	1,278.41	1,559.74	1,042.16	1,234.98	1,416.05	1,407.35	1,000.74	1,151.74	2,558.48	2,491.14	2,635.44	1,298.73	19,074.96
Pukat-Pukat Rentang Barrier Nets	116.41	96.94	124.06	126.43	78.51	67.01	64.21	56.47	59.41	61.55	68.97	63.23	983.40
Pukat-Pukat Surung Push/Scoop Nets	191.91	205.66	183.91	212.19	209.46	175.05	148.67	137.22	154.84	181.83	215.17	203.25	2,219.86
Newangut Siput Shellfish Collection	450.83	405.63	399.77	261.37	288.56	310.99	405.63	272.64	326.63	249.28	257.49	703.74	4,332.56
Rampai/Miscellaneous	73.51	77.87	82.00	79.51	228.17	195.60	170.30	224.16	181.24	151.01	115.23	65.18	1,643.78
Jumlah/Total Tan M./Tonnes	35,501.47	31,953.91	37,798.32	43,040.52	39,631.44	38,576.37	37,874.51	42,483.16	45,844.54	46,233.52	42,843.04	39,859.67	481,640.47

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN JENIS IKAN, 1984
LANDINGS OF MARINE FISH BY STATE AND SPECIES, 1984

JADUAL (TABLE) 4.4

ISSCAAP GROUP NO.	Jenis Ikan Species	Pantai Barat West Coast								Jumlah Kecil	Pantai Timur East Coast				Jumlah Kecil	Jumlah Besar (Tan M)
	Nama Tempatan Local Name	Perlis	Kedah	P.Pinang Penang	Perak	Selangor	N.Sembilan	Melaka Malacca	J.Barat W.Johore	Sub-Total	Kelantan	Terengganu	Pahang	J.Timur E.Johore	Sub-Total	Grand Total (Tonnes)
	Species															
24	Kebasi/Selangat	34.67	259.07	214.33	774.50	6.28	0.00	21.88	244.54	1,555.27	0.00	3.00	0.20	31.17	34.37	1,589.64
	Puput/B. Mata/Tirok	0.00	107.07	0.00	961.40	132.27	0.00	6.54	300.25	1,507.53	0.00	0.00	0.37	10.49	10.86	1,518.39
	Terubok	0.00	0.00	0.00	1.57	0.74	0.00	0.00	0.00	2.31	0.00	0.00	0.00	0.00	0.00	2.31
25	Siakap	0.00	4.46	0.00	74.96	0.00	0.00	0.34	0.37	80.13	0.11	1.72	0.00	0.64	2.47	82.60
26	Lidah	205.11	1,184.84	294.40	277.51	472.95	0.00	0.00	52.43	2,487.24	0.24	35.41	2.76	6.06	44.47	2,531.71
	Sebelah	19.49	5.01	135.69	139.24	20.88	0.00	0.00	0.04	320.35	3.50	78.54	3.37	29.83	115.24	435.59
33	Bayan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	62.12	14.80	14.29	91.26	91.26
	Biji Mangka	0.00	0.00	0.00	285.92	6.44	0.00	0.00	29.55	321.91	43.51	691.66	56.20	33.60	824.97	1,146.88
	Daun Baharu	0.00	0.00	1.11	80.11	26.46	2.23	0.00	10.38	120.29	0.71	42.40	5.84	7.16	56.11	176.40
	Delah/Pinang-Pinang	0.00	0.00	0.00	18.63	0.00	0.00	0.00	9.63	28.26	0.00	305.91	99.31	8.03	413.25	441.51
	Duri/Pulutan/Utik	38.65	226.99	291.41	1,064.90	361.28	28.63	278.57	773.05	3,063.48	1.15	479.35	173.03	656.07	1,309.60	4,373.08
	Dengkis/Debam	0.00	0.00	0.00	23.43	0.00	0.00	0.00	2.67	26.10	3.64	514.99	58.17	104.99	681.79	707.89
	Gelama/Tengkerong/Selampai	77.62	966.08	909.33	2,838.74	1,305.19	19.04	132.62	973.60	7,222.22	67.87	435.76	104.55	172.81	780.99	8,003.21
	Gerut-Gerut	89.63	82.20	19.91	529.86	145.27	0.00	0.00	2.31	869.18	5.39	84.66	42.63	3.62	136.30	1,005.48
	Jenahak	23.21	78.86	70.10	308.71	48.52	41.99	59.49	95.81	726.69	0.00	6.60	2.30	1.11	10.01	736.70
	Kaci	0.00	0.00	11.92	70.98	0.54	0.00	0.00	11.36	94.80	0.01	170.89	56.90	29.73	257.53	352.33
	Kerapu	105.24	285.87	122.90	945.18	112.90	6.41	13.32	27.34	1,619.16	9.48	667.07	146.70	21.45	844.70	2,463.86
	Kerisi	45.40	1,678.13	183.26	4,158.01	143.93	0.00	0.00	0.00	6,208.73	100.56	1,610.06	622.52	807.32	3,140.46	9,349.19
	Kerisi Bali	0.00	95.67	43.85	308.03	0.00	0.00	0.00	0.00	447.55	0.00	23.93	0.00	0.00	23.93	471.48
	Kikek	0.00	0.00	0.00	380.70	7.77	6.89	12.03	4.31	411.70	49.40	484.70	37.40	117.29	688.79	1,100.49
	Malong	31.00	281.37	127.08	393.10	435.28	0.46	8.50	695.66	1,972.45	0.02	0.00	0.63	0.60	1.25	1,973.70
	Merah	0.00	0.19	184.79	641.62	146.91	6.29	24.89	82.68	1,087.37	30.98	2,155.03	67.50	31.59	2,285.10	3,372.47
	Mengkerong/Conor/Ubi-Ubi	0.00	352.60	11.39	360.62	130.34	0.00	0.00	29.21	884.16	0.00	238.08	114.33	125.27	477.68	1,361.84
	Remong/Kunyit-Kunyit/Tanda	0.00	0.00	0.00	73.51	2.34	0.00	0.00	0.00	75.85	6.83	454.60	164.47	22.85	648.75	724.60
	Semilang	33.61	171.11	7.89	565.93	38.56	0.00	1.71	1.19	820.00	0.00	1.32	49.18	0.00	50.50	870.50
	Shrumbu/Lemah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Puntong Damar/Bulus	46.73	139.95	0.00	248.40	12.45	0.00	0.00	0.00	447.53	0.81	378.70	73.95	113.05	566.51	1,014.04
	Pasir-Pasir/Timun	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	97.30	43.89	142.26	142.26
34	Alu-Alu/Kacang-kacang	15.28	265.86	0.00	603.28	38.17	0.02	8.22	18.99	949.82	1.88	237.41	41.18	65.44	345.91	1,295.73
	Aruan Tasik	0.00	25.03	0.00	47.40	3.58	0.37	1.84	6.97	85.19	5.39	422.13	38.27	29.11	494.90	580.09
	Bawal	49.02	385.19	470.01	769.47	1,079.92	8.11	28.05	452.49	3,242.26	78.10	226.18	41.21	69.81	415.30	3,657.56

Belanak/Kedera	0.00	31.70	915.40	1,589.21	118.21	0.00	0.00	7.35	2,661.87	0.00	0.00	0.00	0.00	0.00	2,661.87
Cernai/Sagai/Cupak	0.00	0.00	0.00	134.34	33.34	1.16	0.00	6.51	175.35	3.74	472.42	52.80	93.52	622.48	797.83
Cincaru	1,995.57	2,510.95	278.95	6,465.43	1,074.79	0.10	0.00	81.01	12,406.80	7.05	301.85	457.26	965.14	1,731.30	14,138.10
Demudok/Rambai	0.00	40.87	0.00	832.59	56.82	0.00	0.00	0.00	930.28	13.60	386.04	240.55	110.21	750.40	1,680.68
Kurau/Senangin/Senohong	16.59	29.09	113.28	235.79	543.06	5.33	48.81	152.21	1,144.16	0.00	4.59	19.50	2.30	26.39	1,170.55
Pelata/Selar	2,592.87	550.78	8.29	1,096.99	107.26	0.00	0.00	33.48	4,389.67	222.95	5,472.44	787.05	1,419.03	7,901.47	12,291.14
Selar Kuning/Lolong	1,480.88	676.35	35.12	622.88	24.77	0.00	0.00	0.30	2,840.30	367.86	6,925.50	2,877.42	2,354.09	12,524.87	15,365.17
Selayang/Curut	10,112.42	0.00	111.69	50.56	0.81	0.00	0.00	0.00	10,275.48	751.04	8,633.66	1,311.24	3,194.55	13,890.49	24,165.97
Pisang-Pisang	86.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.30	0.00	186.92	17.75	0.00	204.67	290.97
Talang	0.00	196.80	0.00	305.45	57.41	0.49	10.51	25.88	596.54	0.00	27.18	60.12	11.06	96.36	694.90
Bilis/Bunga Air	0.00	17,605.58	0.00	2,066.35	0.00	0.00	0.00	127.49	19,799.42	3.99	2,137.51	607.40	109.65	2,858.55	22,657.97
Parang-Parang	147.59	321.12	18.34	386.54	670.15	123.36	541.00	416.96	2,625.06	10.54	413.16	319.08	177.91	920.69	3,545.75
Ramban	1,586.76	1,396.56	1,207.89	652.40	267.12	0.00	0.00	170.64	5,281.37	652.92	4,282.04	728.63	2,352.28	8,015.87	13,297.24
Bulan-Bulan	0.00	0.00	0.00	1.37	0.00	0.00	0.00	0.24	1.61	0.00	0.64	0.11	0.00	0.75	2.36
Aya/Kayu/Tongkol	1,039.73	1,127.52	17.93	870.81	18.66	0.00	0.00	0.00	3,074.65	8.55	9,433.31	1,316.24	3,889.84	14,647.94	17,722.59
Mayaran/Mersuji	0.00	0.00	0.00	73.42	0.00	0.00	0.00	0.00	73.42	2.70	110.15	14.75	0.00	127.60	201.02
Kembong/Temonong/Pelaling	6,537.47	124,775.73	2,142.76	22,458.18	13,052.25	0.00	0.00	0.00	68,966.59	2,283.54	11,252.31	797.61	1,883.70	16,217.16	85,183.55
Tenggiri	117.90	236.41	79.10	635.47	1,161.91	89.77	442.91	374.33	3,137.80	35.80	3,271.23	353.94	626.65	4,287.62	7,425.42
Timah/Layor/Selayor	31.56	325.39	116.46	504.29	93.12	0.00	10.20	184.69	1,265.71	40.91	347.17	6.11	23.04	417.23	1,682.94
Pari	179.63	344.30	261.15	1,006.51	648.33	20.91	207.92	498.25	3,167.00	6.22	482.89	253.12	188.64	930.87	4,097.87
Iyu	0.00	219.85	97.44	376.47	217.83	0.26	6.32	60.70	978.87	0.17	1,214.01	188.78	269.90	1,672.86	2,651.73
Ikan Baja	1,929.14	128,497.32	4,851.67	36,663.94	11,768.73	0.06	0.37	5,569.78	89,281.01	0.00	7,892.18	5,109.66	3,966.23	16,968.07	106,249.08
Ikan Campur	546.75	734.91	829.87	5,886.33	331.63	29.86	145.09	1,267.71	9,772.15	282.92	1,661.17	179.05	131.53	2,254.67	12,026.82
Jebong	0.00	0.00	1.49	526.56	1.40	0.00	0.00	6.13	535.58	0.00	346.88	19.46	19.34	385.68	921.26
Ketan	106.65	281.27	682.49	2,006.22	257.03	10.85	0.00	265.67	3,610.18	3.61	122.33	42.79	67.16	235.89	3,846.07
Udang Karang/Lobok	0.00	0.00	0.00	14.99	0.00	0.00	0.00	0.00	14.99	0.00	174.91	23.64	90.19	288.74	303.73
Udang Putih/Kaki Merah	994.48	734.10	1,460.33	2,009.43	411.23	18.62	89.20	492.97	6,210.36	85.34	391.66	0.00	169.48	646.48	6,856.84
Udang Minyak	125.52	0.00	817.67	7,940.04	1,166.60	0.00	0.00	1,229.34	11,279.17	0.00	146.71	0.00	210.59	357.30	11,636.47
Udang Merah Ros	0.00	0.00	41.03	5,832.71	0.00	0.00	0.00	0.36	5,874.10	0.00	0.00	0.00	0.00	0.00	5,874.10
Udang Kulit Keras	0.00	0.00	253.32	2,247.84	977.15	0.00	0.00	462.60	3,940.91	17.77	0.00	65.57	85.51	168.85	4,109.76
Lain-Lain Jenis Udang	645.71	2,445.45	1,005.81	1,476.20	3,809.12	55.01	80.95	2,008.09	11,526.34	109.69	769.85	189.63	317.23	1,386.40	12,912.74
Udang Baring	0.00	56.00	63.66	1,080.65	9,589.61	0.00	146.76	1,201.89	12,138.57	0.00	0.00	0.00	3,815.39	3,815.39	15,953.96
Siput/Kepah/Kupang/Tiram	2,228.00	712.99	762.74	170.57	33.06	0.00	0.65	424.55	4,332.56	0.00	0.00	0.00	0.00	0.00	4,332.56
Sotong Kereta	0.00	95.43	68.06	4.55	0.00	0.00	0.00	0.00	168.04	0.00	0.00	0.00	0.00	0.00	168.04
Sotong Katak	125.48	466.07	137.82	959.39	434.64	0.00	0.00	47.77	2,171.17	4.24	277.82	154.40	285.46	721.92	2,893.09
Sotong Biasa	98.14	2,940.72	148.32	2,223.85	539.00	0.00	0.00	122.79	6,072.82	245.74	2,386.43	660.75	631.47	3,924.39	9,997.21
Ubur-Ubur	0.00	0.00	193.60	0.00	66.75	0.00	0.00	0.00	260.33	0.00	0.00	0.00	0.00	0.00	260.33
Jumlah Ton M/Total Tonnes	133,539.80	193,948.81	119,821.05	126,354.03	152,210.74	476.22	2,328.69	19,064.52	347,743.86	5,570.52	179,338.25	18,969.48	30,018.36	133,896.61	481,640.47

SEMENANJUNG MALAYSIA/ PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1984
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1984

JADUAL (TABLE) 4.5

ISSCAAP GROUP NO.	Jenis Ikan Species	Januari	Februari	Mac	April	Mei	Jun	Julai	Ogos	September	Oktober	November	Disember	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan Local Name	January	February	March	April	May	June	July	August	September	October	November	December	
	Species													
24	Kebasi/Selangat	148.66	95.12	144.48	133.58	123.54	186.61	119.52	91.94	115.25	117.22	147.31	166.41	1,589.64
	Puput/B. Mata/Tirok	118.29	99.23	113.44	201.63	228.81	117.73	126.91	123.39	116.16	71.63	82.77	118.40	1,518.39
	Terubok	0.30	0.29	0.18	0.04	0.45	0.18	0.50	0.00	0.00	0.00	0.37	0.00	2.31
25	Siakap	4.96	7.84	6.29	8.34	14.27	16.89	10.97	5.86	1.60	1.23	1.86	2.49	82.60
26	Lidah	315.98	239.42	251.69	284.94	213.72	180.17	141.48	183.44	148.90	112.83	160.96	298.18	2,531.71
	Sebelah	34.25	20.54	25.57	25.78	53.40	53.77	45.87	47.33	34.63	45.99	31.56	16.90	435.59
33	Bayan	9.78	16.38	8.18	8.52	15.34	5.85	6.66	7.44	5.07	3.67	3.95	0.42	91.26
	Biji Nangka	171.64	144.80	99.29	76.61	91.76	91.42	142.48	89.78	98.21	61.61	47.36	31.92	1,146.88
	Daun Baharu	18.12	4.98	12.03	7.71	9.32	22.94	17.38	18.03	26.94	12.37	14.27	12.31	176.40
	Delah/Pinang-Pinang	31.08	11.97	13.21	102.37	21.92	34.18	47.39	44.22	37.12	49.07	32.50	16.48	441.51
	Duri/Pulutan/Utik	412.35	326.21	351.76	408.84	235.57	272.27	418.43	716.64	437.63	287.35	209.79	296.24	4,373.08
	Dengkis/Deban	22.16	43.56	15.08	27.07	19.75	87.05	99.41	69.61	120.18	90.34	71.73	41.95	707.89
	Gelama/Tengkerong/Selampai	669.16	769.23	861.92	737.54	670.74	781.66	669.05	627.38	487.95	580.10	567.09	581.39	8,003.21
	Gerut-Gerut	69.76	44.93	75.74	123.34	86.78	85.45	74.26	73.36	116.43	105.09	87.40	62.94	1,005.48
	Jenahak	65.82	61.58	77.22	59.37	63.95	55.20	72.55	45.73	59.24	54.92	59.29	61.83	736.70
	Kaci	25.90	20.50	26.69	15.74	37.28	35.56	33.09	18.43	26.75	32.75	49.77	29.87	352.33
	Kerapu	237.44	171.69	282.23	233.38	166.56	210.94	244.72	198.39	168.10	183.50	208.33	158.58	2,463.86
	Kerisi	856.60	630.16	667.35	978.82	567.34	841.66	826.78	734.85	784.42	976.75	1,056.93	427.53	9,349.19
	Kerisi Bali	103.92	46.22	38.61	49.61	39.61	54.21	25.19	17.72	20.92	24.66	32.14	18.67	471.48
	Kikek	163.99	42.73	62.27	100.16	156.15	110.98	97.23	100.98	104.10	48.53	75.60	37.77	1,100.49
	Malong	228.53	163.55	257.70	183.25	176.63	150.82	135.49	90.30	85.92	130.60	214.49	156.42	1,973.70
	Merah	331.36	179.34	381.53	343.86	323.45	274.63	338.96	242.42	229.74	230.38	217.57	279.23	3,372.47
	Mengkerong/Conor/Ubi-Ubi	103.98	78.76	93.31	151.22	85.14	172.35	138.07	124.96	143.85	107.63	94.20	68.37	1,361.84
	Remong/Kunyit-Kunyit/Tanda	37.60	94.69	43.37	17.24	32.51	79.27	58.55	65.13	85.79	72.28	59.73	78.44	724.60
	Sevilang	79.33	79.12	83.33	99.76	82.05	88.87	93.14	60.47	50.61	46.68	61.04	46.10	870.50
	Shrumbu/Lemah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Puntong Banar/Bulus	99.24	80.25	98.87	117.02	113.76	106.41	94.75	67.44	57.81	73.81	47.82	56.86	1,014.04
	Pasir-Pasir/Timun	1.32	9.19	18.84	19.08	30.58	14.33	16.60	10.61	4.11	5.48	4.69	7.43	142.26

34	Alu-Alu/Kacang-kacang	90.98	135.44	112.10	134.43	112.50	114.85	103.06	75.89	99.92	109.39	78.02	129.15	1,295.73
	Aruan Tasik	40.50	25.53	76.53	34.07	32.07	28.37	123.90	14.98	39.33	89.14	45.60	30.07	580.09
	Bawal	211.60	385.44	452.23	364.03	365.29	268.77	158.19	293.53	196.96	337.04	290.35	334.13	3,657.56
	Belanak/Kedera	309.96	214.05	252.06	196.93	158.21	153.58	178.44	212.73	329.58	177.91	270.38	208.04	2,661.87
	Cernin/Sagai/Cupak	45.16	18.74	65.57	48.45	77.04	85.27	132.46	82.12	88.28	86.52	41.44	26.78	797.83
	Cincaru	2,794.32	373.48	533.90	1,440.01	1,485.63	2,104.44	866.64	1,261.34	795.86	1,134.68	858.95	488.85	14,138.10
	Demudok/Rambai	194.69	73.18	131.40	207.59	187.01	123.38	193.16	101.52	118.96	120.23	150.61	78.95	1,680.68
	Kurau/Senangin/Senohong	117.65	152.15	161.95	125.09	105.95	103.79	53.35	69.04	60.77	57.59	80.92	82.30	1,170.55
	Pelata/Selar	631.90	700.09	969.36	796.22	735.44	1,017.13	1,077.42	1,270.64	1,554.31	1,251.10	1,495.14	792.39	12,291.14
	Selar Kuning/Lolong	458.89	687.97	929.34	1,062.42	1,277.66	1,032.57	2,365.72	2,083.40	1,860.03	1,573.05	1,342.08	692.04	15,365.17
	Selayang/Curut	1,108.35	1,175.80	2,207.96	1,922.53	1,992.01	1,828.92	2,308.09	2,716.13	3,252.55	2,329.54	1,884.43	1,439.66	24,165.97
	Pisang-Pisang	43.19	12.97	17.36	24.40	19.82	18.12	34.85	24.74	19.94	38.19	30.67	6.72	290.97
	Talang	58.40	62.19	86.67	68.50	95.87	68.75	44.32	33.43	35.25	40.11	43.40	58.01	694.90
35	Bilis/Bunga Air	1,574.05	3,293.00	2,056.39	1,905.24	1,748.63	964.88	1,922.31	1,493.55	2,367.76	1,749.02	2,347.04	1,236.10	22,657.97
	Parang-Parang	193.43	312.44	357.81	251.85	331.03	328.72	294.39	292.85	395.87	317.36	232.52	237.48	3,545.75
	Tamban	635.28	1,142.15	1,548.81	2,007.53	1,847.57	740.13	1,035.54	1,112.66	1,435.10	885.50	490.56	416.41	13,297.24
	Bulan-Bulan	0.64	0.00	0.07	0.81	0.24	0.12	0.00	0.05	0.04	0.18	0.16	0.05	2.36
36	Aya/Kayu/Tongkol	967.35	1,110.78	1,446.01	1,313.21	1,799.94	1,823.45	1,644.17	1,678.94	1,882.79	1,669.68	1,537.95	848.32	17,722.59
	Layaran/Harsuji	34.09	23.95	23.33	7.87	8.15	11.78	14.96	11.00	12.58	19.76	13.23	20.32	201.02
37	Kembong/Tenenong/Pelaling	2,890.26	3,873.22	5,497.66	7,857.41	5,179.87	4,019.84	5,855.25	8,922.84	9,490.28	10,847.13	8,474.87	12,274.92	85,183.55
	Tenggiri	453.15	637.31	636.63	626.08	894.41	610.40	615.04	543.96	588.50	616.07	557.86	646.01	7,425.42
	Timah/Layor/Selayor	159.43	114.26	111.62	110.53	147.27	198.18	175.37	198.74	142.36	101.81	120.99	102.38	1,682.94
38	Pari	384.03	246.26	385.53	352.04	371.81	398.66	447.53	331.34	360.50	279.75	281.99	258.43	4,097.87
	Yu	118.98	223.22	185.69	403.56	367.35	229.13	212.12	186.77	188.68	284.57	128.30	123.36	2,651.73
39	Ikan Baja	9,347.14	6,373.03	8,083.34	9,368.23	8,866.00	10,338.43	7,231.66	9,158.90	8,953.80	10,233.58	9,598.27	8,696.70	106,249.08
	Ikan Campur	1,008.12	549.07	863.65	1,037.84	981.99	1,424.03	1,023.77	984.02	1,002.18	1,041.92	1,344.14	766.09	12,026.82
	Jebong	107.45	45.37	70.47	144.16	52.23	50.32	60.82	33.65	46.24	43.41	159.73	107.41	921.26
42	Ketan	337.17	299.35	313.16	400.58	349.79	351.53	296.87	295.37	286.54	349.83	299.14	267.54	3,846.07
45	Udang Karang/Lobok	26.70	28.19	29.67	23.99	28.43	16.93	31.58	31.09	31.89	26.25	14.09	14.92	303.73
	Udang Putih/Kaki Merah	619.01	573.97	730.41	626.79	538.94	645.26	475.77	491.46	490.81	516.60	558.31	589.51	6,856.84
	Udang Minyak	1,087.32	1,087.85	1,179.29	1,165.29	1,040.00	989.70	671.15	840.70	747.90	833.09	986.65	1,007.53	11,636.47
	Udang Merah Ros	399.52	540.41	588.80	496.71	391.91	466.36	415.95	465.91	504.61	467.08	584.99	551.85	5,874.10
	Udang Kulit Keras	415.63	302.44	277.54	276.13	292.80	265.08	274.27	351.78	363.19	432.54	358.75	499.61	4,109.76
	Lain-Lain Jenis Udang	1,726.35	1,313.04	1,161.39	1,051.18	1,170.29	984.50	904.49	717.27	728.16	1,029.31	1,034.50	1,092.26	12,912.74
	Udang Baring	1,186.35	1,347.35	838.33	1,013.14	1,102.78	1,055.29	834.54	696.25	2,195.50	2,154.84	2,422.08	1,107.51	15,953.96
	Siput/Kepah/Kupang/Tiran	450.83	405.63	399.77	261.37	288.56	310.99	405.63	272.64	326.63	249.28	257.49	703.74	4,332.56
57	Sotong Kereta	20.82	53.15	7.17	12.39	22.04	6.32	15.22	5.72	6.50	9.02	1.92	7.77	168.04
	Sotong Katak	333.64	244.60	323.24	233.84	299.05	279.09	224.87	226.39	212.96	171.20	195.40	148.81	2,893.09
	Sotong Biasa	557.62	314.56	575.93	1,153.26	1,205.48	987.91	1,047.14	872.00	1,008.41	1,014.65	569.76	690.49	9,997.21
76	Ubur-Ubur	0.00	0.00	0.00	0.00	0.00	0.00	9.07	151.97	55.59	19.93	19.84	3.93	260.33
Jumlah Tan M/Total Tonnes		35,501.47	31,953.91	37,798.32	43,040.52	39,631.44	38,576.37	37,874.51	42,483.16	45,844.54	46,233.52	42,843.04	39,859.67	481,640.47

SENEGAL/MALAYSIA/PENINSULAR MALAYSIA
PENGABATAN IKAN LAUT MENGIKUT KUMPULAN PERANGKAP DAN JENIS IKAN, 1984
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1984

JADUAL (TABLE) 4.6

ISSCAAP: GROUP	Jenis Ikan Species	Pukat Tunda Trawl Mets	Pukat-Pukat Tarik/Seine Nets				Pukat Hanyut Drift/Gill Mets	Pukat Tanggah Lift Mets	Perangkap-Perangkap (Traps)		Pancing Hooks And Lines	Pukat Bekul Bag Mets	Pukat Bentang Barrier Mets	Pukat Surang Push/Scoop Mets	Memangkat Siput Shellfish Collection	Rampasan Miscella- neous	Jumlah Tan M. Total Tonnes
	Nama Tempatan Local Name		Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy	Lain-Lain Pukat Tarik Other Seines	Belat- Belat Stationary			Bubu Portable								
	Species																
24	Kebasi/Selangat	882.81	111.17	0.00	9.40	637.25	0.00	11.67	0.00	0.00	3.71	0.00	13.63	0.00	0.00	0.00	1,589.64
	Pupet/S. Mata/Tirok	684.29	0.00	0.00	0.00	834.08	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,518.39
	Terubok	2.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.31
25	Siakap	10.04	0.00	0.00	0.00	30.13	0.00	0.95	25.89	11.85	1.32	2.42	0.00	0.00	0.00	0.00	82.60
26	Lidah	2,382.86	0.00	0.00	48.92	187.81	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	2,531.71
	Sebelah	403.57	0.00	0.00	0.00	30.06	0.00	0.00	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	435.59
33	Bayan	7.47	0.00	0.00	0.05	0.00	0.00	0.00	79.75	3.99	0.00	0.00	0.00	0.00	0.00	0.00	91.26
	Biji Mangka	919.55	0.00	0.00	0.86	14.10	3.87	0.00	207.65	0.85	0.00	0.00	0.00	0.00	0.00	0.00	1,146.88
	Daua Baharu	145.29	0.00	0.00	0.00	5.92	0.00	0.00	20.38	4.81	0.00	0.00	0.00	0.00	0.00	0.00	176.40
	Delah/Pinang-Pinang	36.10	0.00	0.00	0.00	0.00	0.00	0.00	374.84	30.57	0.00	0.00	0.00	0.00	0.00	0.00	441.51
	Duri/Pulutan/Utik	1,249.93	1.62	147.89	56.79	1,432.65	0.00	31.46	56.94	1,182.32	20.26	193.22	0.00	0.00	0.00	0.00	4,373.08
	Denshis/beban	268.21	0.00	0.00	0.00	0.00	52.25	0.00	373.59	1.92	11.92	0.00	0.00	0.00	0.00	0.00	707.89
	Gejala/Tangkong/Selaipai	4,341.62	0.96	15.01	721.19	2,378.45	3.85	230.29	41.74	126.29	0.87	102.09	40.85	0.00	0.00	0.00	8,003.21
	Gerut-Gerut	498.35	0.47	0.58	0.00	111.07	0.00	4.08	35.25	355.68	0.00	0.00	0.00	0.00	0.00	0.00	1,005.48
	Jenahak	152.91	0.00	0.00	0.00	53.04	0.00	4.46	156.28	370.01	0.00	0.00	0.00	0.00	0.00	0.00	736.70
	Kaci	148.66	0.00	0.00	0.00	5.07	0.00	0.00	181.22	25.38	0.00	0.00	0.00	0.00	0.00	0.00	352.33
	Kerapu	858.32	0.00	0.00	0.00	65.72	0.09	11.43	639.40	880.31	0.00	8.59	0.00	0.00	0.00	0.00	2,463.86
	Kerisi	8,237.33	0.00	0.00	1.35	35.84	3.10	11.48	359.38	700.71	0.00	0.00	0.00	0.00	0.00	0.00	9,349.19
	Kerisi Bali	244.99	0.00	0.00	0.00	0.00	0.00	26.31	177.92	22.26	0.00	0.00	0.00	0.00	0.00	0.00	471.48
	Kikek	887.95	75.02	91.82	0.34	20.43	0.30	23.71	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,100.49
	Malong	1,083.02	0.00	0.00	0.18	119.32	0.00	20.63	0.00	749.92	0.57	0.06	0.00	0.00	0.00	0.00	1,973.70
	Merah	561.02	0.00	0.00	0.00	3.03	0.00	0.00	2,087.26	720.11	1.05	0.00	0.00	0.00	0.00	0.00	3,372.47
	Mangkong/Conor/Ubi-Ubi	1,320.44	0.00	0.00	0.00	22.23	0.00	0.30	0.00	3.02	0.00	15.85	0.00	0.00	0.00	0.00	1,361.84
Rengas/Kuyit-Kuyit/Tandai	165.88	0.45	0.00	0.00	7.51	3.34	0.73	518.76	27.93	0.00	0.00	0.00	0.00	0.00	0.00	724.60	
Semilang	183.13	0.00	0.00	15.56	94.67	0.00	0.02	176.49	190.29	0.43	209.92	0.00	0.00	0.00	0.00	878.50	
Shramba/Lemah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pontong-Bakar/Bulus	804.67	0.00	0.00	0.20	44.11	0.00	7.74	29.86	127.46	0.00	0.00	0.00	0.00	0.00	0.00	1,014.04	
Pasir-Pasir/Tianan	109.49	0.00	0.00	0.00	0.00	0.00	0.00	32.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.26	

34	Alu-Alu/Kacang-Kacang	849.80	14.32	0.00	0.00	83.41	0.00	28.15	4.18	315.74	0.13	0.00	0.00	0.00	0.00	1,295.73
	Aruan Tasik	73.97	2.02	0.00	0.00	116.17	0.00	0.00	53.48	334.45	0.00	0.00	0.00	0.00	0.00	580.09
	Bawal	1,260.56	508.51	0.16	0.00	1,677.67	111.86	77.73	0.00	16.72	4.35	0.00	0.00	0.00	0.00	3,657.56
	Belanak/Kedera	228.26	720.64	0.00	23.22	1,668.44	0.00	0.00	0.00	0.00	0.00	21.31	0.00	0.00	0.00	2,661.87
	Cernin/Sagai/Cupak	572.68	24.44	0.00	0.05	16.34	0.00	0.00	138.57	45.75	0.00	0.00	0.00	0.00	0.00	797.83
	Cincaru	1,368.48	11,133.37	0.00	0.00	285.76	1.13	3.13	0.00	1,422.93	0.00	3.30	0.00	0.00	0.00	14,138.10
	Demodok/Rambai	685.45	107.45	0.00	0.00	108.55	1.95	0.00	264.98	529.38	0.00	0.00	0.00	0.00	0.00	1,680.68
	Kurau/Senangin/Senohong	123.34	0.00	0.00	0.00	985.74	0.00	0.00	0.00	58.95	1.82	0.70	0.00	0.00	0.00	1,170.55
	Pelata/Selar	972.84	8,470.54	487.54	0.25	270.46	376.90	0.73	0.00	1,798.68	0.00	1.28	0.00	0.00	0.00	12,291.14
	Selar Kuning/Lolong	1,750.96	7,665.34	16.41	0.04	7.51	5,605.77	181.57	0.00	137.57	0.00	0.00	0.00	0.00	0.00	15,365.17
	Selayang/Curut	37.57	22,410.25	0.00	0.00	8.65	1,492.99	0.00	0.00	224.51	0.00	0.00	0.00	0.00	0.00	24,165.97
	Pisang-Pisang	84.58	86.38	0.00	0.00	5.28	0.00	0.00	18.25	96.56	0.00	0.00	0.00	0.00	0.00	290.97
	Talang	152.47	13.68	0.00	0.00	372.28	27.18	17.42	0.00	113.87	0.00	0.00	0.00	0.00	0.00	694.90
35	Bilis/Bunga Air	68.52	467.53	21,808.36	0.00	0.00	0.00	313.12	0.00	0.00	0.44	0.00	0.00	0.00	0.00	22,657.97
	Parang-Parang	828.70	3.74	73.56	1.69	2,615.04	0.04	28.96	0.00	0.46	1.56	0.00	0.00	0.00	0.00	3,545.75
	Tamban	798.31	10,143.16	1,433.22	0.00	226.58	568.29	108.58	0.00	27.18	0.00	0.00	0.00	0.00	0.00	13,297.24
	Bulan-Bulan	2.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
36	Aya/Kayu/Tongkol	37.85	4,278.93	609.02	0.00	6,287.01	1.89	31.00	0.00	6,477.69	0.00	0.00	0.00	0.00	0.00	17,722.59
	Layaran/Mersuji	73.42	0.00	0.00	0.00	19.80	0.00	0.00	0.00	107.88	0.00	0.00	0.00	0.00	0.00	201.02
37	Kembong/Temenong/Pelaling	14,773.97	66,081.86	3.98	0.45	3,946.50	101.15	208.51	0.00	132.67	0.00	15.34	0.00	0.00	0.00	85,183.55
	Tenggiri	506.07	16.76	0.20	0.00	4,661.10	0.00	0.47	3.40	2,237.42	0.00	0.00	0.00	0.00	0.00	7,425.42
	Timah/Layar/Selayor	1,335.96	3.15	0.00	0.00	314.12	0.00	10.51	0.00	1.45	17.75	0.00	0.00	0.00	0.00	1,682.94
38	Pari	2,352.65	0.00	0.00	17.00	262.82	0.00	9.58	89.58	1,362.53	1.44	2.27	0.00	0.00	0.00	4,097.87
	Yu	878.98	14.52	5.83	0.00	1,168.88	0.00	0.00	5.08	578.03	0.41	0.00	0.00	0.00	0.00	2,651.73
39	Ikan Baja	92,213.82	727.31	34.98	7,591.98	2,543.99	0.00	382.75	0.00	5.88	2,544.34	62.59	141.52	0.00	0.00	106,249.08
	Ikan Campur	7,749.37	1,228.78	211.86	137.45	1,927.20	128.86	94.31	170.14	218.68	137.16	23.54	3.47	0.00	0.00	12,026.82
	Jebong	410.24	0.00	0.00	0.48	0.91	3.31	0.00	506.32	0.00	0.00	0.00	0.00	0.00	0.00	921.26
42	Ketas	985.05	0.00	0.00	186.94	1,493.53	0.00	0.00	56.11	0.00	2.83	317.92	0.00	0.00	883.69	3,846.07
45	Udang Karang/Lobak	288.96	0.00	0.00	0.00	0.00	0.00	0.00	14.65	0.00	0.12	0.00	0.00	0.00	0.00	303.73
	Udang Putih/Kaki Merah	2,357.14	0.00	0.00	401.73	3,453.78	0.00	57.49	14.27	0.00	502.52	0.68	60.70	0.00	8.53	6,856.84
	Udang Minyak	5,712.35	0.00	0.00	3,951.75	888.05	0.00	48.56	0.00	0.00	276.71	0.06	758.99	0.00	0.00	11,636.47
	Udang Merah Ros	2,297.36	0.00	0.00	1,801.41	1,194.51	0.00	0.00	0.00	0.00	88.47	0.00	508.35	0.00	0.00	5,874.10
	Udang Kulit Keras	1,822.24	0.00	0.00	1,957.76	153.69	0.00	32.74	0.00	0.00	141.46	1.87	0.00	0.00	0.00	4,109.76
	Lain-Lain Jenis Udang	8,679.46	0.19	0.05	657.65	1,615.88	0.00	334.88	0.00	0.00	1,317.33	0.35	307.03	0.00	0.00	12,912.74
	Udang Baring	0.00	0.00	0.00	507.12	0.00	0.00	1,249.59	0.00	0.00	13,804.73	0.00	392.52	0.00	0.00	15,953.96
	Siput/Kepah/Kupang/Tiran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,332.56	0.00	4,332.56
57	Sotong Kereta	163.49	0.00	0.00	0.00	0.00	0.00	0.00	4.55	0.00	0.00	0.00	0.00	0.00	0.00	168.04
	Sotong Iatah	2,786.62	0.00	0.00	0.00	0.00	0.00	1.33	102.65	0.00	2.49	0.00	0.00	0.00	0.00	2,893.09
	Sotong Biasa	8,361.53	656.21	0.00	6.81	158.49	0.00	25.95	33.49	0.00	3.17	0.00	0.00	0.00	751.56	9,997.21
76	Ubur-Ubur	66.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.60	0.00	0.00	0.00	0.00	260.33
Jumlah Tan M/Total Tonnes		190,206.32	134,881.89	24,860.39	18,010.54	44,494.55	8,479.32	3,632.26	7,057.87	21,763.57	19,074.96	983.40	2,219.06	4,332.56	1,643.78	481,640.47

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN NEGERI, 1984
LANDINGS BY TRAWLERS BY TONNAGE CLASS AND STATE, 1984

JADUAL (TABLE) 5.1

Negeri/State	Pantai Barat/West Johore									Pantai Timur/East coast					Jumlah Besar
Ukuran Muatan Tonnage	Perlis	Kedah	P.Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Jumlah Kecil Sub-Total	Kelantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub-Total	Tan M. Grand Total Tonnes
0 - 9.9 Tan (Tons)	1,505.42	4,116.79	0.00	3,037.57	4,415.73	0.00	0.00	2,433.17	15,508.68	0.00	1,371.65	829.47	480.90	2,682.02	18,190.70
10 - 24.9 Tan (Tons)	921.05	8,332.21	0.00	8,552.40	9,257.81	0.00	0.00	7,260.09	34,323.56	675.68	13,025.21	478.85	1,034.29	15,214.03	49,537.59
25 - 39.9 Tan (Tons)	1,608.68	25,361.35	4,768.81	10,156.83	5,228.86	0.00	0.00	247.22	47,371.75	106.22	1,033.34	4,339.19	2,532.23	8,010.98	55,382.73
40 - 69.9 Tan (Tons)	599.77	16,942.56	1,184.40	40,647.90	1,691.01	0.00	0.00	0.00	61,065.64	0.00	0.00	1,885.86	4,048.31	5,934.17	66,999.81
70 Tan dan keatas (70 Tons and above)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.49	95.49	95.49
Jumlah (Tan Metrik) Total (Tonnes)	4,634.92	54,752.91	5,953.21	62,394.70	20,593.41	0.00	0.00	9,940.48	158,269.63	781.90	15,430.20	7,533.37	8,191.22	31,936.69	190,206.32

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA PURATA IKAN DI PANTAI MENGIKUT BULAN. 1984
MONTHLY AVERAGE EX-VESSEL PRICES OF FRESH FISH. 1984
(Harga Dalam \$/Kg/Prices at \$/Kg)

JADUAL (TABLE) 6.1

Jenis-Jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata 1984 Average 1984
Bawal Putih	9.06	9.78	9.12	9.03	9.16	8.90	9.05	8.88	9.40	9.02	8.77	8.17	8.86
Bawal Hitam	4.65	3.72	4.45	4.63	4.60	4.43	4.46	4.75	4.65	4.72	4.83	4.46	4.53
Kerapu	4.68	4.53	4.90	4.86	5.24	4.89	5.15	4.87	5.15	5.02	4.93	4.86	4.92
Tenggiri	4.35	4.77	4.60	4.50	4.68	4.02	4.65	4.77	4.72	4.81	4.80	4.53	4.60
Merah	3.63	3.23	3.29	2.91	3.36	3.20	3.43	3.55	3.70	3.69	3.85	3.64	3.46
Jenahak	7.83	4.18	4.40	3.97	4.42	4.11	4.16	4.19	4.34	4.20	4.05	4.13	4.50
Kaci	2.71	1.87	1.82	1.92	1.79	1.79	1.73	1.83	2.00	1.84	1.86	1.77	1.91
Dermin	2.75	1.92	1.78	2.47	2.57	2.35	2.47	2.45	2.21	2.26	2.32	2.29	2.32
Gelama	1.74	0.79	0.85	0.82	0.83	0.81	0.76	0.78	0.83	0.81	0.85	0.84	0.89
Kembong	1.80	1.28	1.37	1.42	1.40	1.51	1.25	1.28	1.04	1.21	1.27	1.17	1.33
Kerisi	2.20	1.12	1.20	1.08	1.28	1.29	1.22	1.27	1.24	1.21	1.14	1.32	1.30
Selayang	0.52	0.69	0.71	0.66	0.72	0.55	0.49	0.52	0.49	0.53	0.58	0.75	0.60
Tambah	0.62	0.37	0.44	0.43	0.48	0.58	0.43	0.52	0.47	0.56	0.46	0.55	0.49
Selar/Pelata	2.21	1.47	0.86	1.16	1.16	1.23	1.25	1.08	1.07	1.06	0.79	0.87	1.18
Sotong	1.49	1.35	1.31	1.23	1.35	1.26	1.34	1.23	1.21	1.30	1.26	1.28	1.30
Aya/Tongkol	1.60	1.21	1.37	1.26	1.44	1.39	1.47	1.47	1.27	1.27	1.42	1.29	1.37
Udang Putih Besar	16.26	10.31	14.70	15.61	15.11	14.21	13.52	15.56	15.33	14.14	14.21	13.02	14.33
Udang Kaki Merah													
Udang Minyak	3.69	3.46	3.30	3.17	3.10	2.67	3.14	3.12	2.76	2.86	3.61	2.84	3.14
Udang Merah Ros	6.25	6.70	6.25	6.70	6.70	6.70	6.70	6.70	6.20	6.00	6.70	6.70	6.57
Udang Kulit Keras	3.53	3.41	5.25	5.19	3.76	3.82	5.30	3.74	4.02	3.38	4.93	3.73	4.17
Udang Harimau	15.07	14.53	17.98	16.84	18.22	15.39	15.39	16.17	16.17	15.04	16.36	16.69	16.15
Lain-Lain Udang	3.88	3.44	3.45	2.47	3.17	3.29	3.63	3.71	3.46	3.40	4.37	3.54	3.48

SEMANAJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA BORONE PURATA IKAN BASAH DI PASAR MENGIKUT BULAN.1984
MONTHLY AVERAGE WHOLESALE MARKET PRICES OF FRESH FISH. 1984
(HARGA DALAM RM/KG/PRICES AT RM/KG)

JADUAL (TABLE) 6.2

Jenis-Jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata 1984 Average 1984
Bawal Putih	10.72	10.38	10.45	9.22	11.77	9.58	9.41	10.34	10.81	10.15	9.58	9.76	10.18
Bawal Hitam	5.25	5.50	5.16	5.20	5.43	5.68	5.57	5.87	5.61	5.46	5.88	5.31	5.49
Kerapu	5.72	5.67	5.68	6.69	5.98	4.03	6.34	5.56	5.83	5.87	6.01	5.59	5.91
Tenggiri	5.35	5.44	4.92	4.53	5.33	5.93	5.55	5.78	5.44	5.53	5.69	5.24	5.39
Merah	4.05	3.81	3.69	3.07	3.60	4.10	4.15	4.09	4.43	4.12	4.33	4.26	3.98
Jenahak	5.88	4.63	5.07	4.79	5.07	5.23	5.28	5.04	5.33	4.96	5.47	5.10	5.15
Kaci	2.36	2.51	2.21	1.94	2.51	2.28	2.27	2.21	2.43	2.28	2.55	2.50	2.34
Cermin	3.19	2.69	2.41	2.25	2.39	2.13	2.46	3.03	2.69	2.94	2.80	2.08	2.59
Belama	1.45	1.20	1.11	1.04	1.16	1.21	1.18	1.35	1.14	1.14	1.19	1.29	1.21
Kembong	2.25	2.02	1.95	1.80	1.85	2.07	2.06	2.24	1.84	1.93	1.96	1.69	1.98
Kerisi	1.99	1.67	1.61	1.48	1.72	1.81	1.77	1.67	1.47	1.53	1.62	1.85	1.68
Selayang	1.34	1.50	1.14	1.02	1.18	0.99	1.01	0.96	0.83	0.85	0.64	1.14	1.05
Tamban	0.52	0.94	0.66	0.60	0.72	0.75	0.79	0.76	0.75	0.79	0.88	0.72	0.74
Selar/Pelata	1.99	2.01	1.37	1.60	1.46	1.96	1.96	1.95	1.75	1.64	1.53	1.75	1.75
Sotong	2.34	2.31	2.29	2.08	2.12	2.11	2.23	2.08	2.29	1.99	1.90	1.85	2.13
Aya/Tongkol	2.07	1.90	1.52	1.67	1.67	1.75	1.77	1.92	1.54	1.63	1.92	1.54	1.74
Udang Putih Besar	16.88	19.07	15.15	16.99	16.09	13.52	11.60	15.94	15.86	15.34	14.97	15.75	15.60
Udang Kaki Merah													
Udang Minyak	4.41	3.81	4.05	3.52	4.93	5.30	5.18	5.91	3.76	3.63	4.68	3.66	4.40
Udang Merah Ros	7.16	7.23	7.23	7.23	7.23	8.30	7.83	7.93	7.80	7.80	7.73	7.86	7.61
Udang Kulit Keras	3.54	4.60	5.20	3.99	5.85	3.94	3.96	2.80	6.30	3.70	3.72	4.49	4.34
Udang Harimau	16.44	18.90	22.38	19.49	19.66	16.99	17.81	18.28	17.58	17.40	18.81	19.51	18.60
Lain-Lain Udang	4.08	4.06	4.10	3.79	4.47	5.04	3.96	4.67	4.84	3.83	4.39	4.10	4.28

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA RUNCIT PURATA IKAN BASAH DI PASAR MENGIKUT BULAN. 1984
MONTHLY AVERAGE RETAIL MARKET PRICES OF FRESH FISH. 1984
(HARGA DALAM \$/KG/PRICES AT \$/KG)

JADUAL (TABLE) 6.3

Jenis-Jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata 1984 Average 1984
Bawal Putih	11.86	11.90	11.03	11.86	13.01	11.33	12.26	12.03	12.93	11.87	11.53	11.53	11.93
Bawal Hitam	5.99	6.37	6.14	6.21	6.32	6.97	7.37	7.63	6.79	6.65	7.10	6.57	6.68
Kerapu	7.02	6.57	6.69	7.06	6.95	7.19	7.36	6.28	6.92	7.37	7.48	6.65	6.96
Tenggiri	6.39	6.66	6.47	5.80	6.11	7.15	6.78	7.00	6.40	6.80	6.65	6.37	6.55
Merah	4.92	4.66	4.43	4.23	4.94	5.07	5.08	5.05	5.48	5.17	5.50	4.91	4.95
Jenahak	6.16	6.46	6.02	5.75	5.41	6.22	6.28	6.29	6.59	5.61	6.68	6.23	6.14
Kaci	3.23	3.15	3.06	2.70	3.33	3.09	3.15	2.86	2.68	3.32	3.31	3.60	3.12
Cermin	3.58	3.36	2.99	2.71	2.85	2.77	3.19	3.19	3.65	3.17	3.58	2.87	3.16
Gelama	1.70	2.03	1.75	1.65	2.10	1.76	1.63	1.73	1.78	1.60	1.82	1.68	1.77
Kembong	3.03	2.88	2.56	2.60	2.63	2.84	2.96	2.90	2.77	2.79	2.95	2.44	2.78
Kerisi	2.78	2.41	2.37	2.24	3.22	2.33	2.43	2.30	2.06	2.25	2.39	2.46	2.44
Selayang	3.42	2.04	1.65	1.77	1.41	1.48	1.37	1.52	1.41	1.56	1.40	1.62	1.72
Tamban	0.82	1.30	1.16	1.28	1.12	1.24	1.36	1.31	1.17	1.32	1.46	1.16	1.23
Selar/Pelata	2.63	2.42	2.16	2.32	2.29	2.29	2.61	2.58	2.72	2.57	2.54	2.45	2.47
Sotong	3.09	3.07	3.04	2.94	2.87	2.86	2.91	2.98	2.68	2.86	3.03	2.42	2.90
Aya/Tongkol	2.84	2.64	2.39	2.47	2.32	2.42	2.50	2.78	2.46	2.52	2.62	2.26	2.52
Udang Putih Besar	18.02	21.31	17.16	19.14	19.01	15.45	14.26	19.14	16.37	17.85	18.13	18.29	17.84
Udang Kaki Merah													
Udang Minyak	5.23	4.81	4.90	4.43	6.36	6.51	6.35	7.50	4.85	4.58	6.11	4.93	5.55
Udang Merah Ros	8.45	8.55	8.60	8.60	8.60	10.10	10.05	10.00	10.00	10.15	10.05	9.95	9.43
Udang Kulit Keras	4.27	4.07	5.60	5.13	7.42	5.39	5.27	3.93	5.12	4.71	4.76	5.38	5.09
Udang Harimau	20.27	19.90	25.00	22.41	22.89	18.40	21.28	20.56	17.31	21.04	18.71	22.21	20.83
Lain-Lain Udang	4.79	4.58	4.91	4.80	4.99	5.93	5.59	5.66	5.47	4.60	5.35	4.93	5.13

SEMI-MALAYSIA/PENINSULAR MALAYSIA
NILAI MARGA BORONG PENDARATAN IKAN LAUT, 1984
WHOLESALE VALUE OF MARINE FISH LANDINGS, 1984

JADUAL (TABLE) 6.4

Negeri/State	Gred I		Gred II		Gred III		Prawn		Manure Fish		Shellfish		Jumlah/Total	
	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$
Perlis	436.34	2,940,932.00	23.21	81,467.00	27,157.40	41,550,822.00	1,765.71	23,563,148.00	1,929.14	501,576.00	2,228.00	1,960,640.00	33,539.80	70,598,585.00
Kedah	18,863.26	127,138,372.00	231.45	812,390.00	42,464.24	64,970,287.00	3,179.55	24,695,564.00	28,497.32	7,409,303.00	712.99	627,431.00	93,948.81	225,653,347.00
Pulau Pinang	803.63	5,416,466.00	266.81	936,503.00	9,558.04	14,623,801.00	3,578.16	35,999,328.00	4,851.67	1,261,434.00	762.74	671,211.00	19,821.05	58,908,743.00
Perak	5,038.80	33,961,512.00	3,026.17	10,621,857.00	61,948.33	94,780,945.00	19,506.22	132,645,957.00	36,663.94	9,532,624.00	170.57	150,102.00	126,354.03	281,692,997.00
Selangor	3,567.94	24,047,916.00	419.14	1,471,181.00	30,057.77	45,988,388.00	6,364.10	32,290,997.00	11,768.73	3,059,870.00	33.06	29,093.00	52,210.74	106,887,445.00
Negeri Sembilan	232.98	1,570,205.00	49.44	173,534.00	120.11	183,768.00	73.63	525,915.00	0.06	16.00	0.00	0.00	476.22	2,453,518.00
Malaka	1,074.09	7,239,367.00	91.26	320,323.00	992.17	1,518,020.00	170.15	1,737,986.00	0.37	96.00	0.65	572.00	2,328.69	10,816,364.00
Johor Barat/ West Johore	1,550.82	10,452,527.00	496.98	1,744,400.00	6,829.03	10,448,416.00	4,193.36	23,708,200.00	5,569.78	1,448,143.00	424.55	373,604.00	19,064.52	48,175,290.00
Kelantan	137.91	929,513.00	48.44	170,024.00	5,171.37	7,912,196.00	212.80	2,228,310.00	0.00	0.00	0.00	0.00	5,570.52	11,248,043.00
Terengganu	6,719.74	45,291,048.00	3,192.70	11,206,377.00	60,225.41	92,144,877.00	1,308.22	10,848,432.00	7,892.18	710,296.00	0.00	0.00	79,338.25	160,201,030.00
Pahang	1,487.83	10,027,974.00	420.42	1,475,674.00	11,696.37	17,895,446.00	255.20	2,060,642.00	5,109.66	459,869.00	0.00	0.00	18,969.48	31,919,605.00
Johor Timur/ East Johore	1,007.77	6,792,370.00	277.29	973,288.00	23,984.26	36,695,918.00	782.81	5,763,453.00	3,966.23	356,961.00	0.00	0.00	30,018.36	50,581,990.00
JUMLAH/TOTAL	40,921.11	275,808,282.00	18,543.31	29,987,018.00	280,204.50	428,712,884.00	41,389.91	296,067,932.00	106,249.08	124,740,188.00	4,332.56	3,812,653.00	481,640.47	1,059,128,957.00

NOTES:

- Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Tenggiri, Parang, Ikan Bilis and Kerapu.
Grade II Includes Jenahak, Jerubok, Puput-Puput, Merah, Kaci, Cermin, Demudok and Siakap.
Grade III Includes Alu-alu, Cincaru, Selar, Dengkis, Gerut-Gerut, Lidah, Pelata, Remong, Sotong, Ketan, Aya/Tongkol, Aruan Tasek, Bayan, Belanak, Biji Mangka, Dagn Baharu, Duri, Gelama, Jebong, Kembong, Kerisi, Kikek, Malong, Pari, Selangat, Selar Kuning, Selayang, Seilang, Talang, Tamban, Yu, Udang Baring etc.
- Grade I Price at \$6.74 per Kg. is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.
Grade II Price at \$3.51 per Kg. is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.
Grade III Price at \$1.53 per Kg. is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.
- Price per Kg. of Udang Putih, Udang Minyak, Udang Merah Ros, Udang Kulit Keras, Udang Harimau and Other Species of Prawn are calculated at \$15.60, \$4.40, \$7.61, \$4.34, \$18.60 and \$4.28 respectively.
- Prices of Manure Fish are estimated at \$0.26 per Kg. (West Coast) and \$0.09 per Kg. (East Coast).
- Price of Shellfish is estimated at \$0.88 per Kg.

SEMENJUNG MALAYSIA/PENINSULAR MALAYSIA
NILAI HARGA RUNCIT PEMBARATAN IKAN LAUT, 1984
RETAIL VALUE OF MARINE FISH LANDINGS, 1984

JADUAL (TABLE) 6.5

Negeri/State	Gred I		Gred II		Gred III		Prawn		Manure Fish		Shellfish		Jumlah/Total	
	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$
Perlis	436.34	3,503,810.00	23.21	100,731.00	27,157.40	60,289,428.00	1,765.71	26,940,129.00	1,929.14	1,099,610.00	2,228.00	3,386,560.00	33,539.80	95,320,268.00
Kedah	18,863.26	151,471,978.00	231.45	1,004,493.00	42,464.24	94,270,613.00	3,179.55	28,686,204.00	28,497.32	16,243,472.00	712.90	1,083,745.00	93,948.81	292,760,505.00
Pulau Pinang	803.63	6,453,149.00	266.81	1,157,955.00	9,558.04	21,218,049.00	3,578.16	41,706,608.00	4,851.67	2,765,452.00	762.74	1,159,365.00	19,821.05	74,461,378.00
Perak	5,038.80	40,461,564.00	3,026.17	13,133,578.00	61,948.33	137,525,293.00	19,506.22	160,403,076.00	36,663.94	20,898,446.00	170.57	259,266.00	126,354.03	372,681,223.00
Selangor	3,567.94	28,650,558.00	419.14	1,819,068.00	30,057.77	66,728,249.00	6,364.10	38,543,526.00	11,768.73	6,708,176.00	33.06	50,251.00	52,210.74	142,499,828.00
Negeri Sembilan	232.98	1,870,829.00	49.44	214,570.00	120.11	266,644.00	73.63	614,381.00	0.06	34.00	0.00	0.00	476.22	2,966,458.00
Malaka	1,074.09	8,624,943.00	91.26	396,068.00	992.17	2,202,617.00	170.15	2,006,602.00	0.37	211.00	0.65	988.00	2,328.69	13,231,429.00
Johor Barat/ West Johore	1,550.82	12,453,085.00	496.98	2,156,893.00	6,829.03	15,160,447.00	4,193.36	28,281,035.00	5,569.78	3,174,775.00	424.55	645,316.00	19,064.52	61,871,551.00
Kelantan	137.91	1,107,417.00	48.44	210,230.00	5,171.37	11,480,441.00	212.80	2,559,804.00	0.00	0.00	0.00	0.00	5,570.52	15,357,892.00
Terengganu	6,719.74	53,959,512.00	3,192.70	13,856,318.00	60,225.41	133,700,410.00	1,308.22	12,959,498.00	7,892.18	1,578,436.00	0.00	0.00	79,338.25	216,054,174.00
Pahang	1,487.83	11,947,275.00	420.42	1,824,623.00	11,696.37	25,965,941.00	255.20	2,030,197.00	5,109.66	1,021,932.00	0.00	0.00	18,969.48	42,789,968.00
Johor Timur/ East Johore	1,007.77	8,092,393.00	277.29	1,203,439.00	23,984.26	53,245,057.00	782.81	6,763,771.00	3,966.23	793,246.00	0.00	0.00	30,018.36	70,097,906.00
JUMLAH/TOTAL	40,921.11	328,596,513.00	8,543.31	37,077,968.00	280,204.50	622,053,989.00	41,389.91	351,494,831.00	106,249.08	54,283,790.00	4,332.56	6,585,491.00	481,640.47	1,400,092,580.00

NOTES:

(1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Tenggiri, Parang, Ikan Bilis and Kerapu.

Grade II Includes Jenahak, Terubuk, Puput-Puput, Merah, Kaci, Cernin, Demudok and Siakap.

Grade III Includes Alu-alu, Cincaru, Selar, Dengkis, Gerut-Gerut, Lidah, Pelata, Remong, Sotong, Ketan, Aya/Tongkol, Aruan Tasek, Bayan, Belanak, Biji Mangka, Daun Baharu, Duri, Gelama, Jebong, Kembong, Kerisi, Kikek, Malong, Pari, Selangat, Selar Tuning, Selayang, Semilang, Talang, Tamban, Yu, Udang Baring etc.

(2) Grade I Price at \$8.03 per Kg. is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.

Grade II Price at \$4.34 per Kg. is calculated from the average prices of Jenahak, Merah, Kaci and Cernin.

Grade III Price at \$2.22 per Kg. is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.

(3) Price per Kg. of Udang Putih, Udang Minyak, Udang Merah Ros, Udang Kulit Keras, Udang Harimau and Other Species of Prawn are calculated at \$17.84, \$5.55, \$9.43, \$5.09, \$20.83 and \$5.13 respectively.

(4) Prices of Manure Fish are estimated at \$0.57 per Kg. (West Coast) and \$0.20 per Kg. (East Coast).

(5) Price of Shellfish is estimated at \$1.52 per Kg.

SEMEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
NILAI PENDARATAN UDANG MENGIKUT NEGERI, 1984
VALUE OF PRawn LANDING BY STATE, 1984

JADUAL (TABLE) 6.6

Pendaratan dan Nilai Landings and Values	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sebilan	Melaka Malacca	Johor Barat West Johore	Kelantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah/Total
Udang Putih/ Udang Kaki Merah N.B.\$ N.R.\$	Tonnes 15,513,888.00 17,741,523.00	994.48 11,451,960.00 13,096,344.00	734.10 122,781,148.00 126,052,287.00	1,460.33 31,347,108.00 35,848,231.00	2,009.43 6,415,188.00 7,336,343.00	411.23 1290,472.00 1,332,181.00	18.62 1,391,520.00 1,591,328.00	89.20 7,690,332.00 8,794,585.00	492.97 1,331,304.00 1,522,466.00	85.34 6,109,896.00 6,987,215.00	391.66 0.00 0.00	169.48 12,643,888.00 13,023,523.00	6,856.84 106,866,704.00 122,326,026.00
Udang Minyak N.B.\$ N.R.\$	Tonnes 552,288.00 696,636.00	125.52 0.00 0.00	0.00 3,597,748.00 4,538,069.00	817.67 34,936,176.00 44,067,223.00	7,940.04 5,133,040.00 6,474,630.00	1,166.60 0.00 0.00	0.00 5,409,096.00 6,822,837.00	1,229.34 0.00 0.00	0.00 645,524.00 814,241.00	146.71 0.00 0.00	0.00 0.00 0.00	210.59 51,200,468.00 64,582,411.00	11,636.47
Udang Merah Ros N.B.\$ N.R.\$	Tonnes 0.00 0.00 0.00	0.00 0.00 0.00	0.00 312,239.00 386,913.00	41.03 44,386,923.00 55,002,455.00	5,832.71 0.00 0.00	0.00 0.00 0.00	0.00 2,740.00 3,395.00	0.36 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 44,701,902.00 55,392,763.00	5,874.10
Udang Kulit Keras N.B.\$ N.R.\$	Tonnes 0.00 0.00 0.00	0.00 0.00 0.00	0.00 1,099,409.00 1,289,399.00	253.32 9,755,626.00 11,441,506.00	2,247.84 4,240,831.00 4,973,693.00	977.15 0.00 0.00	0.00 2,007,684.00 2,354,634.00	462.60 77,122.00 90,449.00	17.77 0.00 0.00	0.00 284,574.00 333,751.00	65.57 371,113.00 435,246.00	85.51 17,836,359.00 20,918,678.00	4,109.76
Udang Harimau N.B.\$ N.R.\$	Tonnes 330.54 6,148,044.00 6,885,148.00	193.93 3,607,098.00 4,039,562.00	272.62 5,070,732.00 5,678,675.00	412.15 7,665,990.00 8,585,085.00	13.89 258,354.00 289,329.00	0.00 0.00 0.00	0.00 4,836.00 5,416.00	0.26 455,142.00 509,710.00	24.47 1,036,578.00 1,160,856.00	55.73 1,252,710.00 1,402,900.00	67.35 602,826.00 675,100.00	32.41 26,102,310.00 29,231,781.00	1,403.35
Lain Lain Udang N.B.\$ N.R.\$	Tonnes 315.17 1,348,928.00 1,616,822.00	2,251.52 9,636,505.00 11,550,298.00	733.19 3,138,053.00 3,761,265.00	1,064.05 4,554,134.00 5,458,576.00	3,795.23 16,243,584.00 19,469,530.00	55.01 1235,443.00 1282,201.00	80.95 346,466.00 415,274.00	2,007.83 8,593,512.00 10,300,148.00	85.22 344,742.00 437,179.00	714.12 3,056,434.00 3,663,436.00	122.28 523,358.00 627,296.00	284.82 11,219,830.00 11,461,127.00	11,509.39
JUMLAH TOTAL N.B.\$ N.R.\$	Tonnes 1,765.71 23,563,148.00 26,940,129.00	3,179.55 24,695,563.00 28,686,204.00	3,578.16 35,999,329.00 41,706,608.00	19,506.22 132,645,957.00 160,403,076.00	19,506.22 32,290,997.00 38,543,525.00	4,364.10 1525,915.00 1614,382.00	73.63 11,737,986.00 12,006,602.00	170.15 23,708,200.00 28,281,035.00	4,193.36 12,228,310.00 12,559,004.00	212.80 10,848,432.00 12,625,748.00	1,308.22 12,060,642.00 12,363,947.00	255.20 15,763,453.00 16,763,771.00	41,389.91

N.B.\$ - Nilai harga borong/Wholesale value
N.R.\$ - Nilai harga runcit/Retail value

SEMIANJUNG MALAYSIA/PENINSULAR MALAYSIA
NILAI PENDAMPARAN UDANG MENGIKUT KUMPULAN PERKAKAS, 1984
VALUE OF PRAWN LANDINGS BY GEAR GROUP, 1984

JADUAL (TABLE) 6.7

Pendaratan dan Nilai	Pukat Tunda	Pukat Jerut Ikan	Pukat Jerut Bilis	Lain Pukat Tarik	Pukat Hanyut	Pukat Tangguk	Perangkap-Perangkap/Traps	Pancing	Pukat Bakul	Pukat Rentang	Pukat Surung	Memungut Siput	Rampaian	Jumlah	
Landings and Values	Trawl Nets	Purse Seine Fish	Purse Seine Anchovy	Other Seines	Drift/Gill Nets	Lift Nets	Belat-Belat Stationary	Bubu Portable	Hooks & Lines	Bag Nets	Barrier Nets	Push/Scoop Nets	Shellfish Collection	Miscellaneous	Total Tonnes
Udang Putih/	Tonnes: 2,357.14	0.00	0.00	401.73	3,453.78	0.00	57.49	14.27	0.00	502.52	0.68	60.70	0.00	8.53	6,856.84
Udang Kaki Merah	N.B.\$ 36,771,384.00	0.00	0.00	6,266,988.00	53,878,968.00	0.00	896,844.00	222,612.00	0.00	7,839,312.00	10,608.00	946,920.00	0.00	133,068.00	106,966,704.00
	N.R.\$ 42,051,378.00	0.00	0.00	7,166,863.00	61,615,435.00	0.00	1,025,622.00	254,577.00	0.00	8,964,957.00	12,131.00	1,082,898.00	0.00	152,175.00	122,326,026.00
Udang Minyak	Tonnes: 5,712.35	0.00	0.00	3,951.75	888.05	0.00	48.56	0.00	0.00	276.71	0.06	758.99	0.00	0.00	11,636.47
	N.B.\$ 25,134,340.00	0.00	0.00	17,387,700.00	3,907,420.00	0.00	213,664.00	0.00	0.00	1,217,524.00	264.00	3,339,556.00	0.00	0.00	51,200,468.00
	N.R.\$ 31,703,543.00	0.00	0.00	21,932,213.00	4,928,678.00	0.00	269,508.00	0.00	0.00	1,535,741.00	333.00	4,212,395.00	0.00	0.00	64,582,411.00
Udang Merah Ros	Tonnes: 2,297.36	0.00	0.00	1,801.41	1,194.51	0.00	0.00	0.00	0.00	80.47	0.00	500.35	0.00	0.00	5,874.10
	N.B.\$ 17,482,910.00	0.00	0.00	13,708,730.00	9,090,221.00	0.00	0.00	0.00	0.00	612,377.00	0.00	3,807,664.00	0.00	0.00	44,701,902.00
	N.R.\$ 21,664,105.00	0.00	0.00	16,987,296.00	11,264,229.00	0.00	0.00	0.00	0.00	758,832.00	0.00	4,718,301.00	0.00	0.00	55,392,763.00
Udang Kulit Keras	Tonnes: 1,822.24	0.00	0.00	1,957.76	153.69	0.00	32.74	0.00	0.00	141.46	1.87	0.00	0.00	0.00	4,109.76
	N.B.\$ 7,908,522.00	0.00	0.00	8,496,678.00	667,015.00	0.00	142,092.00	0.00	0.00	613,936.00	8,116.00	0.00	0.00	0.00	17,836,359.00
	N.R.\$ 9,275,202.00	0.00	0.00	9,964,998.00	782,282.00	0.00	166,647.00	0.00	0.00	720,031.00	9,518.00	0.00	0.00	0.00	20,918,678.00
Udang Harimau	Tonnes: 835.50	0.19	0.05	38.10	513.97	0.00	4.10	0.00	0.00	5.40	0.00	6.04	0.00	0.00	1,403.35
	N.B.\$ 15,540,300.00	3,534.00	930.00	708,660.00	9,559,842.00	0.00	76,260.00	0.00	0.00	100,440.00	0.00	112,344.00	0.00	0.00	26,102,310.00
	N.R.\$ 17,403,465.00	3,958.00	1,042.00	793,623.00	10,705,995.00	0.00	85,403.00	0.00	0.00	112,482.00	0.00	125,813.00	0.00	0.00	29,231,781.00
Lain Lain Udang	Tonnes: 7,843.96	0.00	0.00	619.55	1,101.91	0.00	330.70	0.00	0.00	1,311.93	0.35	300.99	0.00	0.00	11,509.39
	N.B.\$ 33,572,149.00	0.00	0.00	2,651,674.00	4,716,175.00	0.00	1,413,396.00	0.00	0.00	5,615,060.00	1,498.00	1,288,237.00	0.00	0.00	49,260,189.00
	N.R.\$ 40,239,515.00	0.00	0.00	3,178,292.00	5,652,798.00	0.00	1,696,491.00	0.00	0.00	6,730,201.00	1,796.00	1,544,079.00	0.00	0.00	59,043,172.00
JUMLAH	Tonnes: 20,868.55	0.19	0.05	8,770.30	7,305.91	0.00	473.59	14.27	0.00	2,318.49	2.96	1,627.07	0.00	8.53	41,389.91
TOTAL	N.B.\$ 136,409,605.00	3,534.00	930.00	49,220,430.00	81,819,641.00	0.00	12,744,256.00	222,612.00	0.00	15,998,649.00	12,486.00	9,494,721.00	0.00	133,068.00	129,067,932.00
	N.R.\$ 162,337,208.00	3,958.00	1,042.00	60,023,285.00	94,949,417.00	0.00	13,243,671.00	254,577.00	0.00	18,822,244.00	12,778.00	11,683,476.00	0.00	152,175.00	135,494,831.00

N.B.\$ - Nilai harga borong/Wholesale value

N.R.\$ - Nilai harga runcit/Retail value

SEMEWANJUNG MALAYSIA/PENINSULAR MALAYSIA
 PENDARATAN DAN NILAI IKAN LAUT MENGIKUT NEGERI BAGI TAHUN 1984
 LANDINGS AND VALUES OF MARINE FISH BY STATE FOR THE YEAR 1984

JADUAL (TABLE) 7.1.

Kuantiti Dan Peratus Quantity And Percentage	Pantai Barat/West Coast									Jumlah kecil	Pantai Timur/East Coast				Jumlah kecil	Jumlah Besar
	Perlis	Kedah	P.Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Sub-Total		Kejantan	Terengganu	Pahang	Johor Timur East Johore	Sub-Total	Grand Total
Pendaratan dalam Tan M. Landing in Tonnes	33,539.80	93,948.81	19,821.05	126,354.03	52,210.74	476.22	2,328.69	19,064.52	347,743.86		5,570.52	79,338.25	18,969.48	30,018.36	133,896.61	481,640.47
Peratus Percentage	6.96	19.51	4.12	26.23	10.84	0.10	0.48	3.96	72.20		1.16	16.47	3.94	6.23	27.80	100.00
Nilai dalam Ringgit Value in Malaysian \$	70,598,585	225,653,347	58,908,743	281,692,997	106,887,445	2,453,518	10,816,364	48,175,290	805,186,289		11,240,043	160,201,030	31,919,605	50,581,990	253,942,668	1,059,128,957
Peratus Percentage	6.67	21.31	5.56	26.60	10.09	0.23	1.02	4.55	76.02		1.06	15.13	3.01	4.78	23.98	100.00

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI
ANNUAL SERIES OF MARINE FISH LANDINGS AND VALUES
(kuantiti dalam Tan M. dan Nilai dalam M\$)
(Quantity in Tonnes and Value in M\$)

JADUAL (TABLE) 7.2

Negeri State	1980		1981		1982		1983		1984	
	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$
Pantai Barat (West Coast):										
Perlis	26,732	35,922,681	32,892	50,639,211	40,293	69,315,045	41,800	75,961,593	33,540	70,598,585
Kedah	99,500	189,435,291	148,028	271,317,277	150,198	399,157,134	136,058	313,399,529	93,949	225,653,347
Pulau Pinang/Penang	40,010	61,065,108	34,125	59,826,988	38,460	64,528,529	35,228	70,450,957	19,821	58,900,743
Perak	230,683	316,624,988	147,289	279,976,968	115,793	230,677,028	145,976	313,803,381	126,354	281,692,997
Selangor	78,522	135,341,746	48,036	90,654,343	66,065	151,675,932	63,658	141,251,130	52,211	106,887,445
Negeri Sembilan	479	1,173,846	744	2,395,979	827	3,392,299	436	1,895,860	476	2,453,518
Melaka/Malacca	2,524	8,145,858	2,485	9,969,650	2,282	9,957,245	2,209	10,291,924	2,329	10,816,364
Johor Barat/West Johore	15,045	31,607,727	19,772	43,228,923	20,068	47,114,512	16,808	47,247,074	19,065	48,175,290
Jumlah Kecil/Sub-Total:	493,495	779,317,245	433,371	808,009,339	433,986	975,817,724	442,173	974,301,448	347,745	805,186,289
Pantai Timur/East Coast:										
Kelantan	18,482	26,318,801	8,854	15,907,210	5,593	10,763,334	8,472	15,189,514	5,571	11,240,043
Terengganu	58,623	93,555,583	140,434	252,021,861	61,055	128,864,639	108,286	224,979,863	79,338	160,201,030
Pahang	22,980	35,316,196	29,907	69,870,460	31,119	57,030,170	22,791	38,114,962	18,969	31,919,605
Johor Timur/East Johore	30,318	43,489,522	36,749	68,882,761	35,570	61,755,467	27,334	50,504,773	30,018	50,581,990
Jumlah Kecil/Sub-Total:	130,403	198,680,102	215,944	406,682,292	133,337	258,413,610	166,883	328,789,112	133,896	253,942,668
Jumlah Besar/Grand-Total:	623,898	977,997,347	649,315	1,214,691,631	567,323	1,234,231,334	609,056	1,303,090,560	481,641	1,059,128,957

Nota: Pendaratan bagi tahun 1984 tidak termasuk pendaratan kerang.

Note: Landings for the year 1984 exclude cockles landing.

SEKUTUP MALAYSIA/PENINSULAR MALAYSIA
 PENGUNCIAN PENDINGATAN IKAN LAUT, 1984
 DISPOSITION OF MARINE FISH LANDINGS, 1984

JADUAL (TABLE) 8.1.

Cara Penggunaan Disposition Channel	Pantai Barat/West Coast									Pantai Timur/East Coast					Jumlah Besar Grand Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat West Johore	Jumlah Kecil Sub-Total	Kelantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub-Total	
Diguna secara hidup Disposed alive	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diguna secara basah Disposed fresh	33,448.39	20,723.39	13,404.57	30,248.33	43,692.58	476.22	1,867.63	15,346.85	159,207.96	5,237.37	62,008.15	7,930.56	16,383.71	91,559.79	250,767.75
Diguna untuk dibeku Disposed for freezing	0.00	0.00	0.00	456.87	0.00	0.00	0.00	0.00	456.87	0.00	0.00	0.00	11.78	11.78	468.65
Diguna untuk mengering Disposed for canning	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Diguna untuk diawitkan Disposed for curing															
Kering/Masin/Diasap Dried/Salted/Smoked	81.96	30,576.95	1,510.92	32,921.08	4,281.75	0.00	20.33	197.87	69,590.86	162.32	5,312.14	1,986.33	117.58	7,578.37	77,169.23
Rebus Steamed/Boiled	0.00	0.00	0.00	14,409.68	140.11	0.00	0.00	74.73	14,624.52	5.00	236.30	111.67	0.00	352.97	14,977.49
Birapikan Fermented	2.91	446.20	2,456.76	1,125.63	2,182.72	0.00	440.73	1,244.73	7,899.68	86.73	2,948.80	0.00	2,107.53	5,143.06	13,042.74
Lain-lain Others	5.46	42.77	0.00	0.00	0.00	0.00	0.00	57.38	105.61	73.85	8,832.86	176.92	312.00	9,395.63	9,501.24
Diguna untuk mengubahkan Disposed for reduction	1.08	40,482.00	1,914.60	43,996.36	0.00	0.00	0.00	2,142.96	88,537.80	0.00	0.00	8,764.00	11,085.76	19,849.76	108,386.76
Diguna untuk lain-lain Disposed for others	0.00	1,677.50	534.20	3,196.08	1,913.58	0.00	0.00	0.00	7,321.36	5.25	0.00	0.00	0.00	5.25	7,326.61
Jumlah (Tan Metrik) Total (Tonnes)	33,539.80	93,948.01	19,821.05	126,354.03	52,210.74	476.22	2,320.69	19,064.52	347,743.86	5,570.52	79,338.25	18,969.48	30,018.36	133,896.61	481,640.47

*Nota: Angka tersebut tidak termasuk pengeluaran kerang yang digunakan untuk diawitkan sebanyak 173.10 tan metrik (Negeri Perak) dan 7,181.3 tan metrik (Negeri Selangor).

*Note: Data excludes cockle production amounting to 173.10 tonnes (Perak) and 7,181.30 tonnes (Selangor) which is meant for curing).

n.a. - Tidak terdapat (Not Available)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL IKAN LAUT YANG DIPROSES - 1984
PROCESSED MARINE FISH PRODUCTS - 1984
Timbangan dalam Tan Metrik/Weight in Tonnes

JADUAL (TABLE) 8.2

	Ikan Masin/ Ikan Kerin/tering (Salted/ (Dried (Fish)	Bilis/ Kering/ (Dried Anchovies)	Ikan Rebus (Boiled Fish)	Ikan Baja (Manure Fish)	Ipong Ikan (Fish Meal)	Udang Kering (Dried Prawn)	Udang Rebus (Boiled Prawn)	Otak Udang (Prawn Paste)	Belacan (Shrimp Paste)	Kerupok (Crackers)	Cincaluk/ (Pickled/ Prawn)	Sotong Kering (Dried Cuttle- fish)	Budu (Fermented Anchovies)	Ubur- Ubur (Dried Jelly Fish)	Sotong Beku (Frozen Cuttle- fish)	Isi Ikan/ Segar (Fresh Fish)	Satay Ikan (Sate Fish)	Bebola Ikan (Fish Ball)	Tauhu Ikan (Fish Cake)	Jumlah (Total)	
(Negeri)/(State)	Dried (Fish)	(Anchovies)	(Fish)	(Manure Fish)	(Fish Meal)	(Dried Prawn)	(Boiled Prawn)	(Prawn Paste)	(Shrimp Paste)	Ikan (Fish)	Udang/ (Prawn)	(Prawn)	(Dried Cuttle- fish)	(Fermented Anchovies)	(Dried Jelly Fish)	(Frozen Cuttle- fish)	(Fresh Fish)	(Sate Fish)	(Fish Ball)	(Fish Cake)	(Total)
Pantai Barat/ West Coast:																					
Perlis	41.52	0.00	0.00	0.00	0.27	3.19	0.00	0.00	0.93	1.29	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.46
Kedah	4,227.64	5,068.79	0.00	1,006.50	10,120.50	13.93	0.00	23.37	60.00	19.90	7.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21,356.53
Pulau Pinang/ Penang	471.37	0.00	0.00	320.52	478.65	19.95	0.00	76.21	542.29	0.00	0.00	0.00	0.00	0.00	64.55	0.00	0.00	0.00	0.00	0.00	1,973.54
Perak	2,741.44	532.66	16,356.36	1,917.65	10,999.09	318.01	12,166.12	0.00	360.20	0.00	0.00	0.00	0.00	0.00	12,473.00	319.81	0.00	87.60	1,712.42	0.00	29,984.56
Selangor	1,564.28	0.00	112.09	1,148.15	0.00	312.11	0.00	0.00	698.47	0.00	0.00	0.00	96.57	0.00	3.99	0.00	0.00	0.00	0.00	0.00	3,935.66
M. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Malaka/Malacca	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.50	0.00	0.00	30.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.20
Johor Barat/ West Johore	46.77	29.98	0.00	0.00	535.74	0.00	0.00	0.00	359.09	7.81	18.13	36.77	0.00	0.00	0.00	0.00	0.00	0.00	44.84	10.48	1,089.61
Jumlah Kecil Sub-Total	9,105.42	6,431.43	16,468.45	14,392.82	122,134.25	667.19	12,166.12	99.58	12,137.48	29.00	28.29	67.27	96.57	0.00	12,541.54	319.81	0.00	87.60	1,757.26	10.48	58,540.56
Pantai Timur/ East Coast:																					
Kelantan	92.59	2.00	4.00	3.15	0.00	0.00	0.00	0.00	0.00	37.83	10.17	0.00	0.00	26.02	0.00	0.00	0.00	0.00	0.00	0.00	175.76
Terengganu	1,838.10	250.17	0.00	0.00	0.00	0.00	0.00	263.30	6.23	15,741.36	0.00	0.00	311.99	80.90	0.00	0.00	0.00	0.00	141.78	0.00	8,641.83
Pahang	575.00	257.00	0.00	0.00	2,191.00	0.00	0.00	0.00	0.00	115.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.00	0.00	3,285.00
Johor Timur/ East Johore	18.71	21.12	0.00	0.00	2,771.44	0.00	0.00	0.00	674.41	202.80	0.00	0.00	0.48	0.00	0.00	0.00	7.66	0.00	0.00	0.00	3,696.62
Jumlah Kecil/ Sub-Total	2,524.40	530.29	4.00	3.15	4,962.44	0.00	0.00	263.30	680.64	16,096.99	10.17	0.00	312.47	114.92	0.00	0.00	7.66	0.00	208.78	0.00	15,719.21
Jumlah Besar/ Grand-Total	11,629.82	6,961.72	16,472.45	14,395.97	127,096.69	667.19	12,166.12	362.88	12,818.12	16,125.99	38.46	67.27	409.04	114.92	12,541.54	319.81	7.66	87.60	1,966.04	10.48	74,259.77

Nota: Hasil kerang kering yang diproses adalah sebanyak 17.3 tan metrik dan 718.13 tan metrik untuk Negeri Perak dan Negeri Selangor masing-masing.

Note: (Total amount of processed dried cockles for the States of Perak and Selangor are 17.31 tonnes and 718.13 tonnes respectively).

SEMI-INSULAR MALAYSIA/PENINSULAR MALAYSIA
KILANG-KILANG AIR BATU DAN KEMUDAHAN-KEMUDAHAN PENYEJUKKAN DITARIKH 31-12-1984
ICE FACTORIES AND REFRIGERATION FACILITIES AS AT 31-12-1984

JADUAL (TABLE) 9.1

	Kilang Air Batu (Ice Factory)						Kemudahan Penyejukan (Refrigeration Establishment)			Jumlah Kemampuan Menyimpan (Total Storage Capacity)	
	Daya Pengeluaran Harian (Daily Production Capacity)				Kemampuan Menyimpan (Storage Capacity)		Kemampuan Menyimpan (Storage Capacity)				
	Bil (No)	Tan (Ton)	Blok (Block)	Lb. seblok (Lbs./block)	Ais (Tan) [Ice (Ton)]	Ikan (Tan) [Fish (Ton)]	Bil. (No.)	Ais (Tan) [Ice (Ton)]	Ikan (Tan) [Fish (Ton)]	Ais (Tan) [Ice (Ton)]	Ikan (Tan) [Fish (Ton)]
Perlis	2	200	3400	102 - 145	318	0	12	120	100	438	100
Kedah	5	476	937720	100 - 102	498	0	8	507	2108	005	2108
Pulau Pinang	7	274	548548	302	1295	675	3	12	1850	307	1525
Perak	15	764	471388	45 - 240	2092	978	37	666	965	758	2943
Selangor	6	324	51192	75 - 308	300	25	27	303	402	603	427
Negeri Sembilan	2	76	1064	320	67	102	0	0	0	67	102
Melaka	1	28	280	224	13	0	0	0	0	13	0
Johor Barat	3	99	8712	50 - 80	80	0	7	136	0	216	0
Kelantan	13	84	67956	100 - 220	91	4	4	63	110	154	114
Terengganu	9	272	40528	220 - 300	457	32	7	325	136	782	168
Pahang	5	229	545020	100 - 224	318	0	13	114	101	432	101
Johor Timur	5	350	1123500	224 - 320	230	0	11	234	0	464	0
Jumlah/Total	73	3176	3799308	45 - 320	5759	4816	129	2480	5772	8239	10588

SEMI-INSULAR MALAYSIA/PENINSULAR MALAYSIA
HASIL PERIKANAN DALAM RINGGIT MALAYSIA 1984
(Fisheries Revenue in Malaysian Ringgit 1984)

JADUAL (TABLE) 9.2

Jenis Hasil Type of Revenue	Hasil Negeri/State Revenue					Hasil Persekutuan/Federal Revenue										Jumlah Besar
	Perahu (Boat)	Perikanan (Fishing)	Patil Perahu (Boat No. Plate)	Peibagai (Others)	Jumlah (Total)	Jualan Perikanan/Fisheries Sales (Ikan (Fish))	Patil Belat (Sale of Stake No/Confiscated Plate)	Jualan Bot (Sale of Boat)	Peibagai Bayaran (Miscellaneous & Boat Transfer Fees)	Sewa Rumah/ Dan Pindah Milik (Rent of Govt. Qtrs/Building)	Kompaun atau Denda (Compound/ Fine)	Lain-lain (Others)	Sewa Bilik Sejuk (Rent Of Cold Room)	Jumlah (Total)	(Grand Total)	
Negeri (State)																
Perlis	10,440.66	26,660.00	675.00	-	37,775.66	-	-	-	377.00	-	-	-	-	377.00	38,152.66	
Kedah	31,339.29	49,526.00	1,905.00	-	82,770.29	1,841.05	-	-	362.00	-	42,500.00	-	-	44,703.05	127,473.34	
Pulau Pinang/ Penang	19,162.03	22,358.50	2,264.00	-	43,784.53	-	-	-	122.50	-	20,900.00	-	-	21,022.50	64,807.03	
Perak	68,897.76	94,890.00	4,264.00	-	168,051.76	-	-	-	1,739.00	-	192,100.00	-	-	193,839.00	361,890.76	
Selangor	21,795.89	20,097.00	1,988.00	-	43,880.89	-	-	-	249.50	-	77,700.00	-	-	77,949.50	121,829.38	
M. Semolan	793.83	496.00	207.00	-	1,496.83	-	-	-	9.00	-	-	-	-	9.00	1,505.83	
Melaka/ Malacca	2,628.92	1,894.00	876.00	-	5,398.92	-	-	-	35.50	-	1,500.00	671.36	-	2,206.86	7,605.68	
Johor/ Johore	36,467.28	63,944.00	5,047.00	-	105,458.28	372.50	24.00	500.00	759.00	-	61,750.00	-	-	63,404.50	168,862.78	
Pahang	12,146.30	17,445.00	1,091.00	-	30,682.30	-	-	-	126.00	-	14,690.00	-	-	14,816.00	45,498.30	
Kelantan	9,668.46	14,552.00	1,634.00	445.00	26,299.46	15,348.00	219.00	36,816.00	378.50	-	4,590.00	-	4,240.00	52,981.50	78,380.96	
Terengganu	25,489.04	41,666.50	2,895.00	11,522.00	81,572.54	1,323.00	-	30,131.00	562.50	-	16,500.00	-	-	48,516.50	130,089.04	
Jumlah/Total:	238,829.85	353,529.00	22,846.00	12,067.00	627,271.85	19,384.55	243.00	67,447.00	4,715.50	0.00	432,220.00	671.36	4,240.00	519,924.41	1,146,196.26	

SARAWAK
BILANGAN NELAYAN MENGIKUT BAHAGIAN, 1984
NUMBER OF FISHERMEN BY DIVISION, 1984

Kawasan Geographical Locations	Nelayan-Nelayan/Fishermen			Peniaga Ikan Fish Dealers	Jumlah Besar Grand Total
	Penuh Masa Full-Time	Separuh Masa Part-Time	Jumlah Total		
First Division (West)	263	197	460	17	477
First Division (East)	1,844	1,006	2,850	147	2,997
Second Division	1,427	472	1,899	78	1,977
Third Division	1,665	314	1,979	126	2,105
Fourth Division (Bintulu)	1,247	216	1,463	60	1,523
Fourth Division (Miri)	322	15	337	23	360
Fifth Division	673	100	773	51	824
Sixth Division	1,568	1,490	3,058	79	3,137
TOTAL	9,009	3,810	12,819	581	13,400

JADUAL (TABLE) 10.2

BILANGAN PERAHU-PERAHU BERJENTERA DAN TIADA BERJENTERA DI SARAWAK
 NUMBER OF POWERED AND NON-POWERED FISHING CRAFTS IN SARAWAK
 1973-1984

Jenis Perahu Type of Boat Tahun/Year	Tiada Berenjin Non-Powered	Berenjin Sangkut Outboard Powered	Berenjin Dalam/Inboard Powered				Jumlah Total
			Kotaks	Pembawa Ikan Fish Carriers	Pukat Tunda Trawlers	Lain-Lain Others	
1973	1,558	783	432	46	472	490	3,781
1974	1,772	1,098	368	69	479	586	4,372
1975	1,961	1,530	370	85	530	608	5,084
1976	1,836	1,537	378	82	569	538	4,940
1977	1,527	1,563	382	90	713	624	4,899
1978	1,128	1,464	347	106	744	1,225	5,014
1979	1,362	1,617	277	98	807	2,002	6,163
1980	1,671	2,171	297	110	905	2,018	7,172
1981	1,812	2,055	313	174	966	2,985	8,305
1982	1,339	1,603	288	95	949	3,432	7,706
1983	1,270	1,668	321	90	947	3,877	8,173
1984	1,456	1,855	311	124	959	4,201	8,906

SARAWAK
 BILANGAN LESEN-PERIKANAN YANG DIKELUARKAN MENGIKUT JENIS
 PERALATAN PERIKANAN DAN TEMPAT, 1984
 I (Number of fishing Licences Issued By Type of Gears and Geographical
 Locations, 1984)

PERALATAN PERIKANAN (Fishing Gears)	JENIS PERALATAN PERIKANAN (Types of Fishing Gears)										
	Pukat-Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)	Pukat-Pukat Hanyut (Drift Gill Nets)	Jenis-Jenis Belat (Fishing Stakes)	Tali Kail (Hooks and Lines)	Perangkap (Traps)	Pukat-Pukat Surong (Push/Scoop Lift Nets)	Pukat-Pukat Berpundi (Bag Nets)	Pukat-Pukat Rentang (Barrier Nets)	Rampaian (Miscellaneous)	JUMLAH TOTAL
Bahagian Pertama (Barat) (First Division)	4	10	65	24	0	5	0	1	0	8	117
Bahagian Pertama (Timor) (First Division-East)	81	0	1,436	166	7	13	0	95	220	15	2,033
Bahagian Kedua (Second Division)	98	0	1,020	12	61	0	0	425	80	0	1,696
Bahagian Ketiga (Third Division)	199	0	487	0	9	0	10	1	9	0	715
Bahagian Keempat (Bintulu) (Fourth Division) (Bintulu)	49	0	82	0	1	0	10	0	0	0	142
Bahagian Keempat (Miri) (Fourth Division) (Miri)	85	0	318	0	59	0	0	0	0	0	462
Bahagian Kelima (Fifth Division)	0	62	937	12	0	441	0	0	36	2	1,490
Bahagian Keenam (Sixth Division)	115	0	416	0	39	2	0	24	47	0	643
Jumlah (Total)	631	72	4,761	214	176	461	20	546	392	25	7,298

JADUAL (TABLE) 10.1

PENDARATAN IKAN LAUT DAN UDANG MENGIKUT KUMPULAN PERKAKAS, SARAWAK
MARINE FISH AND PRAWN LANDINGS BY GEAR GROUP, SARAWAK
1980 - 1984
(Kuantiti dalam Tan Metrik - Quantity in Tonnes)

Kumpulan Perkakas/Gear Group	1980	1981	1982	1983	1984
Pukat-Pukat Tunda Trawl Nets	52,283.55	42,008.34	37,592.34	30,116.12	30,258.40
Jaring-Jaring Hanyut Drift/Gill Nets	10,962.49	16,303.23	18,769.41	16,469.50	12,602.20
Belat-Belat Stakes	2,294.80	1,002.72	1,557.06	2,130.93	2,084.41
Pukat-Pukat Tarik Seine Nets	528.07	1,344.29	2,415.24	3,960.89	5,460.80
Pukat-Pukat Tangguk/Surung Scoop/Push/Lift Nets	239.50	303.04	606.07	2,470.25	4,230.71
Pukat-Pukat Bakul Bag Nets	8,875.44	4,444.73	2,916.09	10,086.85	11,241.64
Pukat-Pukat Rentang Barrier Nets	749.00	943.73	3,971.66	3,574.38	1,502.50
Pancing Hooks/Lines	648.10	1,427.88	1,067.27	1,231.42	1,133.73
Bubu Traps	212.76	234.84	298.64	312.19	76.95
Jala Cast Nets	0.00	0.00	0.00	0.00	0.00
Memungut Siput Shellfish Collection	3.39	2.61	139.94	37.50	25.93
Rampaian Miscellaneous	272.35	27.72	6.05	48.22	15.22
JUMLAH/TOTAL	77,069.45	68,043.13	69,339.77	70,438.25	68,632.49

SARAWAK
PENDAPATAN IKAN DAN UDANG MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 1984
LANDINGS OF MARINE FISH AND PRAWN BY GEAR GROUP AND SPECIES, 1984
(Kuantiti dalam Tan Metrik/ Quantiti in Tonnes)

JADUAL (TABLE) 10.5

Nama Tempatan Local Name of Fish	Nama Saintifik Scientific Names	Pukat Tunda Trawl Nets	Pukat Jenis Tarik Seine Nets	Pukat Jenis Kanyut Drift/Bill Nets	Belat Fishing Stakes	Kail Mengail Hooks And Lines	Perangkap Traps	Pukat Jenis Berpundi Bag Nets	Pukat Jenis Surung Push/Scoop/ Lift Nets	Pukat Jenis Rentang Barrier Nets	Memungut Siput Shellfish Collection	Rampaian Miscellaneous	Jumlah Besar Grand Total
Lidah	Cynoglossus spp.	61.17	2.04	12.63	1.01	1.70	0.00	0.97	0.00	2.17	0.00	0.00	81.69
Sebelah	Pseudorhombus spp.	59.10	0.00	21.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.16
Dauk Baharu	Drepane punctata	21.32	0.00	12.63	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	45.62
Duri (Jahan/Goh)	Tachysurus spp./Arius spp.	1,231.67	10.00	905.07	15.63	120.78	0.00	2.47	0.00	0.00	0.00	0.00	2,285.62
Gelama/Tengkerong	Sciaena spp./Johnius spp.	2,435.50	71.69	410.16	42.39	0.00	0.00	0.00	0.00	69.14	0.00	0.00	3,028.88
Jenahak	Lutianus argentimaculatus	71.95	0.00	0.00	10.71	32.55	0.00	0.00	0.00	0.00	0.00	0.00	115.21
Kaci	Spilotichthys pictus	47.61	0.00	7.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.05
Kerapu	Epinephelus spp.	91.17	0.00	71.67	10.10	94.13	7.10	0.00	0.00	40.17	0.00	0.00	314.34
Kerisi	Nemipterus spp.	365.40	0.00	0.00	0.00	10.17	0.00	0.00	0.00	0.00	0.00	0.00	375.57
Kikek	Leiognathus spp./Gazza spp.	175.13	0.00	14.23	7.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	196.77
Malong	Muraenesox spp.	837.37	0.00	410.11	5.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,252.65
Pelandok	Lethrinus miniatus F	16.38	0.00	0.00	0.00	60.17	0.00	0.00	0.00	3.17	0.00	0.00	79.72
Shrumbu (Senolong/Kapas)	Lactarius lactarius	127.11	0.00	19.84	0.00	7.91	0.00	0.00	0.00	0.00	0.00	0.00	154.86
Alu-Alu/Kacang-Kacang	Sphyræna spp.	20.18	2.41	57.42	3.99	14.73	0.00	0.00	0.00	0.00	0.00	0.00	98.73
Bawal Putih/Dueh Putih	Pampus chinensis	434.62	20.17	871.67	50.16	0.00	0.00	0.00	0.00	5.10	0.00	0.00	1,381.72
Bawal/Dueh Putih (Bujang)	Pampus argenteus	141.78	5.17	292.63	1.22	0.00	0.00	0.00	3.16	1.70	0.00	0.00	445.66
Bawal Hitam/Dueh Hitam	Parastromateus niger	101.73	917.16	395.60	20.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,435.20
Belanak/Kedera	Mugil spp.	22.16	3.48	19.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.56
Cermin/Sagai	Alectis indica/Caranx spp.	191.78	0.00	36.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	228.37
Cincaru (Goronggong)	Megalaspis cordyla	101.70	124.10	89.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	315.25
Demudok/Rambai	Caranx spp.	119.43	0.00	36.94	0.00	31.74	0.00	0.00	0.00	0.00	0.00	0.00	188.11
Kurau/Senangin	Polynemus spp.	38.26	0.50	721.64	120.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	881.20
Pelata/Selar	Caranx spp.	7.10	280.11	5.13	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	312.34
Selar Kuning	Selaroides leptolepis	10.65	270.39	4.18	20.13	17.00	0.00	0.00	0.00	0.00	0.00	0.00	322.35
Selayang	Decapterus russelli	81.73	47.16	126.64	40.14	0.00	0.00	0.00	20.11	1.21	0.00	0.00	316.99
Talang	Chorinemus spp.	16.04	0.00	571.90	6.43	10.17	0.00	0.00	0.00	0.00	0.00	0.00	604.54
Bilis	Stolephorus spp./Anchoviella spp.	103.51	117.10	0.00	102.41	0.00	0.00	12.67	40.00	0.00	0.00	0.00	375.69
Bulan	Megalops cyprinoides	71.46	0.00	56.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.33
Parang-parang	Chirocentrus dorab	5.61	0.00	94.73	21.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.44
Tamban	Clupea spp./Sardinella spp.	17.72	358.61	25.47	5.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	407.10
Terubok	Clupea macrura	19.18	31.14	264.51	21.78	0.00	0.00	0.00	0.00	5.17	0.00	0.00	341.78
Tongkol/Kayu/Aya	Euthynnus spp.	100.16	79.42	896.48	47.99	52.16	0.00	12.14	0.00	0.00	0.00	0.00	1,188.35

Semilang	Plotosus spp.	7.41	2.48	4.65	70.12	10.00	0.00	0.00	0.00	0.00	0.00	0.00	94.66
Kembong/Temenong	Rastrelliger kanagurta/R. neglectus	191.68	910.17	101.36	4.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,207.42
Tenggiri	Scomberomorus spp.	793.04	12.13	1,142.17	21.77	50.67	0.00	0.00	0.00	0.00	0.00	0.00	2,019.78
Timah	Trichiurus spp.	371.69	0.00	275.49	51.47	0.00	0.00	0.00	0.00	17.41	0.00	0.00	716.06
Yu	Galeorhinidae	610.17	2.24	730.10	100.39	211.67	0.00	0.00	0.00	5.77	0.00	0.00	1,660.34
Pari	Dasyatis spp./Gymnura spp.	741.24	2.97	227.02	120.17	17.21	0.00	0.00	0.00	21.17	0.00	0.00	1,129.78
Baja	-	5,692.20	0.00	1.72	31.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,725.41
Ikan Campur	Mixed spp.	2,796.43	721.10	711.10	119.17	0.00	0.00	12.43	1.78	40.23	0.00	0.00	4,402.24
Kebasi/Selangat	Anodontosoma chacunda	7.12	1.43	46.81	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	56.43
Puput	Pellona spp.	102.10	14.73	365.04	111.30	0.00	0.00	0.00	0.00	17.10	0.00	0.00	610.27
Jamah	Caranx spp.	171.21	1,410.14	149.58	39.42	0.00	0.00	0.00	0.00	7.42	0.00	0.00	1,777.77
Perencong	Scaridae	3.10	0.00	330.56	40.17	7.10	0.00	0.00	0.00	2.10	0.00	0.00	383.03
Panjang	Pseudoseianna spp.	2.10	0.00	218.35	241.17	0.00	0.00	0.00	0.00	0.50	0.00	0.00	462.12
Pelayak	Callyodontidae	31.16	1.00	96.41	4.78	0.00	0.00	0.00	0.00	2.18	0.00	0.00	135.53
Impirang	Setipinna taty	93.78	10.17	253.22	224.16	0.00	0.00	32.43	0.00	39.16	0.00	0.00	652.92
Bulu Ayam	Coilia spp.	102.64	7.24	316.78	47.89	0.00	0.00	2.40	0.00	17.10	0.00	0.00	494.05
Lumi	Harpodon nehereus	95.60	0.00	4.78	44.66	0.00	0.00	21.40	0.00	3.10	0.00	0.00	169.54
Kilat	Pampus spp.	271.16	24.18	226.31	39.29	0.00	0.00	1.67	0.00	2.47	0.00	0.00	565.08
Merah	Lutianus spp.	412.11	0.00	50.18	0.79	301.70	0.00	0.00	0.00	0.00	0.00	0.00	764.78
Bulu	Polynemus borneensis	17.21	0.17	26.09	4.87	0.00	0.00	0.00	0.00	1.21	0.00	0.00	49.55
Pedukang	-	147.59	0.00	124.67	39.78	50.10	0.00	0.00	0.00	21.19	0.00	0.00	383.33
Empirit	Clupea macrura	5.59	0.00	120.17	4.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.73
Ubor-ubor (Jelly Fish)	-	1,611.27	0.00	100.49	0.00	0.00	0.00	8,215.41	3,416.73	1,101.38	0.00	0.00	14,445.28
Ketam	Seylla serrata	0.00	0.00	0.00	0.00	0.00	60.27	0.00	0.00	0.00	0.00	0.00	60.27
Ketam Laut/Ketam Suri	Pottunnus pelagicus	30.41	0.00	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.93
Udang Karang	Panulirus polyhagus	0.00	0.00	0.00	0.00	0.00	9.58	0.00	0.00	0.00	0.00	0.00	9.58
Udang Lobak	Thenus orientalis	6.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.14
Udang/Siar	Penaeus spp./Metapenaeus spp.	4,713.49	0.00	382.64	72.13	0.00	0.00	41.10	17.10	21.67	0.00	0.00	5,248.13
Udang/Payak	Parapeneopsis spp.	3,656.83	0.00	141.38	50.48	0.00	0.00	2,516.17	21.69	41.73	0.00	0.00	6,428.28
Udang Baring	Acetes spp.	0.00	0.00	0.00	0.00	0.00	0.00	370.38	710.14	10.71	0.00	0.00	1,091.23
Udang Galah	Macrobrachium rosenbergi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.22	15.22
Sotong	Sepiidae	309.12	0.00	0.00	41.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	350.85
Karang	Anadara spp.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.23	0.00	2.23
Tokoyong	Mollusca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.20	0.00	8.20
Ubi/Mengkerong/Gerut	Sauridae spp./Pomadasys spp.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ambai	Mollusca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.30	0.00	5.30
Ramin	Mollusca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.70	0.00	5.70
Blaji Nangka	Upeneus spp.	117.43	0.00	0.00	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.28
Kitang	Scatophagus argus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aruan Tasik	Rachycentron canadus	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70
Lokan	Mollusca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50	0.00	4.50
Jumlah (Total)	Tan Metrik (Tonnes)	30,258.40	5,460.80	12,602.20	2,084.41	1,133.73	76.95	11,241.64	4,230.71	1,502.50	25.93	15.22	68,632.49

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT BULAN DAN SPESIES, 1984
MONTHLY LANDINGS OF FISH AND PRAWN BY SPECIES, 1984
(Quantity in Tonnes)

Nama Tempatan Local Name of Fish	Nama Saintifik Scientific Names	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Besar Grand Total
Lidah	Cynoglossus spp.	7.19	12.43	9.08	10.28	4.17	3.97	4.27	6.89	10.14	4.08	5.28	3.89	81.69
Sebelah	Pseudorhombus spp.	12.39	7.89	8.24	6.18	8.34	6.31	4.57	8.22	3.68	8.03	4.21	2.10	80.16
Daun Baharu	Drepane punctata	4.27	2.67	5.89	7.22	11.67	2.83	1.20	3.24	2.89	1.70	1.07	0.97	45.62
Duri (Jahan/Boh)	Tachysurus spp./Arius spp.	172.28	124.18	318.97	321.66	248.58	243.41	103.86	139.28	312.43	143.58	89.29	68.10	2,285.62
Gelama/Tengkerong	Sciaena spp./Johnius spp.	310.38	268.29	294.58	347.81	230.56	317.81	210.08	178.47	201.02	128.18	273.45	268.25	3,028.88
Jenajak	Lutianus argentimaculatus	7.21	6.58	10.74	11.48	12.38	12.24	16.57	11.19	12.89	7.42	6.51	0.00	115.21
Kaci	Spilotichthys pictus	5.78	10.21	6.48	5.29	5.17	4.97	5.17	6.67	3.21	0.00	0.00	2.10	55.05
Kerapu	Epinephelus spp.	31.28	22.19	32.48	24.16	23.58	31.43	27.28	20.78	24.89	33.54	26.17	16.54	314.34
Kerisi	Henipterus spp.	21.74	23.58	41.68	31.42	40.51	29.78	24.29	51.47	38.69	23.97	29.18	19.24	375.57
Kikek	Leiognathus spp./Gazza spp.	15.38	11.16	8.64	23.68	22.17	28.56	29.32	12.16	11.73	8.74	11.56	13.67	196.77
Malong	Muraenesox spp.	56.69	121.68	291.78	218.38	121.74	72.61	68.14	42.16	72.89	67.53	47.54	71.31	1,252.65
Pelandok	tethrinus miniatus F	0.00	0.00	0.00	24.17	14.36	5.28	4.16	5.28	14.36	12.11	0.00	0.00	79.72
Shrumbu (Senolong/Kapas)	Lactarius lactarius	6.78	17.63	16.24	16.89	13.28	19.18	14.12	17.28	6.74	8.34	12.10	6.28	154.86
Alu-Alu/Kacang-Karang	Sphyræna spp.	4.21	5.68	10.21	8.38	6.78	5.97	11.72	8.94	14.71	8.13	6.58	7.42	98.73
Bawal Putih/Dueh Putih	Pampus chinensis	41.71	89.89	210.24	149.72	121.68	162.41	102.41	89.33	121.48	161.17	89.52	42.16	1,381.72
Bawal/Dueh Putih (Bujang)	Pampus argenteus	31.56	20.17	26.54	27.73	50.10	31.16	72.42	41.79	49.78	28.16	31.47	14.78	445.66
Bawal Hitam/Dueh Hitam	Parastromateus niger	41.78	141.16	178.58	216.68	171.89	100.78	91.78	104.69	104.12	141.78	102.24	39.72	1,435.20
Belanak/Kedera	Mugil spp.	4.10	2.47	7.68	7.10	4.36	7.10	5.28	3.33	0.00	2.47	1.67	0.00	45.56
Cermin/Sagai	Alectis indica/Caranx spp.	20.17	16.48	21.48	29.10	22.47	19.74	18.56	24.74	15.11	10.21	12.89	17.42	228.37
Cincaru (Goronggong)	Megalaspis coreyla	12.41	27.89	31.68	32.43	24.11	13.68	31.56	12.58	14.17	40.21	48.23	26.50	315.25
Demudok/Rambai	Caranx spp.	15.23	10.14	27.18	22.39	10.18	17.56	16.71	19.28	10.17	8.31	14.51	16.53	188.11
Kuraa/Senangin	Polynemus spp.	46.28	45.17	67.18	80.69	97.17	76.78	87.21	121.48	86.19	54.24	71.63	47.18	881.20
Pejata/Selar	Caranx spp.	13.21	27.41	70.17	60.71	21.38	12.43	21.10	10.17	24.17	14.15	17.28	20.16	312.34
Selar Kuang	Selaroides leptolepis	27.33	24.14	24.43	42.67	38.18	25.68	41.78	16.78	17.44	17.21	29.50	17.16	322.35
Selayang	Becapetus russelli	8.17	28.67	41.78	26.58	21.47	8.42	12.69	42.89	43.78	41.78	18.97	21.79	316.99
Talang	Chorineus spp.	17.24	51.66	62.17	45.32	30.16	32.28	40.38	91.72	71.43	80.38	50.32	31.48	604.54
Bilis	Stolephorus spp./Anchoviella spp.	12.28	40.71	27.48	41.78	47.22	49.17	21.67	45.28	49.68	18.78	12.43	9.21	375.69
Bulan	Megalops cyprinoides	8.41	7.33	12.23	11.36	18.21	16.10	9.24	12.24	11.00	10.29	8.74	9.18	128.33
Parang-parang	Chirocentrus dorab	10.13	8.24	9.10	12.10	10.43	8.76	8.14	14.14	12.14	9.25	8.55	10.46	121.44
Tamban	Clupea spp./Sardinella spp.	31.17	24.96	33.53	28.22	36.14	27.17	37.28	38.69	39.41	43.21	38.22	29.10	407.10
Terubok	Clupea acrusa	16.11	22.24	36.28	24.28	34.67	30.04	29.14	32.19	34.33	24.14	31.14	27.20	341.78
Tongkol/Kayu/Aya	Euthynnus spp.	72.69	129.64	110.78	120.16	87.47	129.60	100.25	97.10	78.40	110.41	81.61	70.24	1,188.35
Seniang	Plotosus spp.	7.62	10.16	8.23	4.18	6.77	12.12	9.21	6.48	7.17	6.57	10.21	6.14	94.66
Kembong/Temengong	Rastrelliger kanagurta/A. negiectus	89.17	77.23	94.14	102.14	110.26	97.74	100.23	97.66	124.47	102.93	119.67	91.78	1,207.42
Tenggiri	Scomberomorus spp.	140.78	132.68	178.67	191.33	168.32	171.16	130.70	214.78	221.69	239.30	107.68	102.69	2,019.78

Timah	Trichiurus spp.	14.58	100.71	120.68	89.47	70.24	69.78	49.19	30.21	47.18	50.10	42.29	31.67	716.06
Yu	Galeorhinidae	101.69	73.89	202.38	97.17	132.67	110.29	188.64	121.40	170.14	150.43	163.13	148.39	1,660.34
Pari	Dasyatis spp./Gymnura spp.	64.58	120.47	102.48	95.69	122.43	124.10	90.47	92.43	100.17	80.41	81.78	54.77	1,129.78
Baja	-	403.48	421.69	480.17	504.17	513.69	597.10	708.64	514.74	407.18	400.71	473.21	300.63	5,725.41
Ikan Campur	Mixed spp.	301.76	271.63	518.43	241.67	510.68	194.78	691.78	348.59	428.28	361.43	241.58	291.63	4,402.24
Kebasi/Selangai	Anodontosoma chacunda	2.18	4.17	6.12	12.14	8.76	7.15	6.24	0.00	0.00	2.47	3.96	3.24	56.43
Puput	Pellona spp.	32.18	40.22	51.38	91.49	70.14	43.24	50.60	47.10	39.10	42.41	72.41	30.00	610.27
Jamah	Caranx spp.	50.17	48.29	210.64	178.69	148.78	210.67	141.67	132.33	186.74	240.71	141.78	87.30	1,777.77
Perencong	Scaridae	24.16	36.10	40.24	28.29	42.16	37.10	34.78	39.42	41.16	24.17	20.17	15.28	383.03
Panjang	Pseudoseiastena spp.	22.23	20.69	38.14	60.17	39.42	42.89	62.28	52.17	31.22	30.14	30.49	32.28	442.12
Pelayak	Callyodontidae	13.22	10.68	14.12	14.17	9.29	10.47	11.68	10.36	11.22	10.87	9.24	10.21	135.53
Impirang	Setipinna taty	43.36	52.16	60.28	49.26	61.21	48.73	56.38	62.18	71.19	60.27	47.82	40.08	652.92
Bulu Aya	Coillia spp.	37.18	43.66	39.72	50.16	42.18	38.21	47.27	50.10	43.24	38.42	27.63	36.28	494.05
Lumi	Harpodon nehereus	10.18	21.10	12.14	10.43	12.56	22.63	13.78	19.64	8.78	16.52	12.68	9.10	169.54
Kilat	Pampus spp.	11.34	10.24	19.21	72.48	121.58	69.74	71.69	54.12	40.11	31.19	39.28	24.10	565.08
Merah	Lutianus spp.	20.48	31.56	52.69	60.74	103.33	67.77	89.53	63.42	53.17	111.44	80.18	30.47	764.78
Bulu	Polynemus borneensis	0.00	4.36	5.78	10.21	6.58	6.18	4.13	5.78	3.21	1.08	2.24	0.00	49.55
Pedukang	-	26.17	31.14	52.69	40.17	36.24	38.24	30.56	24.17	28.39	33.60	24.78	17.18	383.33
Eapirit	Clupea macrura	7.83	10.21	8.55	12.23	14.17	22.16	24.10	6.77	8.69	9.71	4.21	2.10	130.73
Uhor-uhor (Jelly Fish)	-	1,270.42	1,973.16	2,249.58	2,964.10	0.00	0.00	1,416.70	1,721.63	1,821.08	1,028.61	0.00	0.00	14,445.28
Ketan	Seylla serrata	7.14	6.12	5.33	4.28	6.14	2.24	6.10	4.21	3.28	3.06	7.16	5.21	60.27
Ketan Laut/Ketan Suri	Pottunus pelagicus	2.10	4.08	3.22	6.10	5.20	2.10	1.70	0.78	1.16	2.23	3.10	1.16	32.93
Udang Kerang	Panulirus polyhagus	0.31	0.17	1.21	1.30	0.48	0.77	0.69	1.13	1.41	0.28	0.67	1.16	9.58
Udang Lobak	Thorus orientalis	0.00	0.00	0.16	0.67	1.08	0.00	1.21	0.67	1.17	0.16	0.00	1.02	6.14
Udang/Siar	Penacus spp./Metapenaeus spp.	395.67	739.24	854.89	549.67	249.67	319.78	208.67	227.68	453.59	418.68	401.68	428.91	5,248.13
Udang/Payak	Parapeneopsis spp.	78.48	67.28	1,042.68	997.56	1,210.78	910.77	542.43	671.78	269.19	204.18	311.48	121.67	6,428.28
Udang Baring	Acetes spp.	0.00	0.00	459.67	491.10	0.00	0.00	101.17	0.00	0.00	21.40	17.89	0.00	1,091.23
Udang Salah	Macrobrachium rosenbergi	2.16	3.07	1.68	0.76	1.10	1.68	1.73	0.78	1.21	0.67	0.17	0.21	15.22
Sotong	Sepiidae	12.16	17.48	39.24	67.10	42.24	22.10	31.89	24.58	50.10	30.10	7.89	6.17	350.85
Kerang	Anadara spp.	0.10	0.00	0.00	0.00	0.20	1.00	0.00	0.00	0.24	0.30	0.17	0.22	2.23
Tokoyong	Mollusca	0.60	1.00	0.80	1.20	0.00	0.00	0.00	0.70	1.10	1.20	0.00	1.60	8.20
Ubi/Mengkerong/Gerut	Sauridae spp./Pomadoury spp.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ambai	Mollusca	0.00	0.00	1.00	1.20	0.00	1.20	0.00	0.60	0.70	0.00	0.60	0.00	5.30
Ramin	Mollusca	0.20	0.10	0.00	0.30	1.20	0.00	0.00	1.00	1.20	0.00	1.70	0.00	5.70
Biji Mangka	Upeneus spp.	0.00	0.00	17.60	10.41	22.48	17.69	17.60	0.00	0.00	22.10	5.60	7.90	121.28
Kitang	Scatophegus argus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arusan Tasik	Rachycentron canadus	0.00	0.00	0.00	0.30	0.00	0.40	0.00	1.00	0.00	0.00	0.00	0.00	1.70
Lokan	Mollusca	0.20	0.10	0.00	0.30	0.00	0.00	1.20	1.10	0.00	0.00	1.00	0.60	4.50
Jumlah (Total)	Tan Metrik (Tonnes)	4,279.26	5,737.38	9,047.46	9,149.10	5,502.61	4,869.19	6,236.79	5,981.66	6,191.09	5,049.37	3,717.39	2,871.19	68,632.49

JADUAL (TABLE) II.1

ANGGARAN BILANGAN NELAYAN DI SABAH
 ESTIMATED NUMBER OF FISHERMEN IN SABAH
 1966-1984

Tahun Year	Nelayan Penuh Masa Full-time Fishermen	Nelayan Separuh Masa Part-time Fishermen
1966	6.800	3.000
1967	6.500	3.000
1968	6.450	2.500
1969	6.550	2.500
1970	6.500	2.500
1971	6.500	2.500
1972	6.400	2.500
1973	8.284	2.853
1974	8.319	2.863
1975	8.300	2.900
1976	8.000	3.000
1977	8.320	2.860
1978	13.978	3.000
1979	15.110	2.500
1980*	15.400	2.600
1981*	15.450	3.000
1982	16.850-	3.000
1983	16.900-	3.000
1984	16.900 -	3.000

* Pindaan telah dibuat untuk perangkaan tahun 1980 dan 1981
 Data for 1980 and 1981 are revised figures

BILANGAN BOT-BOT PERIKANAN DI SABAH
NUMBER OF FISHING BOATS IN SABAH
1962 - 1984

JADUAL (TABLE) 11.2

Tahun Year	Jumlah Bot-Bot Menangkap Ikan Total No. of Fishing Boats	Bilangan Bot-Bot Tiada Berjentera Number of Non-powered Boats	Bilangan Yang Berjentera Number Motorised	
			Enjin Dalam With Inboard Engines	Enjin Sangkut With Outboard Engines
1962	5,963	3,981	482	1,500
1963	5,235	2,849	586	1,800
1964	4,288	1,388	700	2,200
1965	3,315	440	875	2,000
1966	2,925	72	1,053	1,800
1967	3,347	296	1,151	1,900
1968	4,089	771	1,218	2,100
1969	3,810	300	1,310	2,200
1970	4,020	300	1,400	2,320
1971	4,080	150	1,430	2,500
1972	4,165	200	1,470	2,495
1973	4,298	497	1,253	2,548
1974	4,298	500	1,253	2,545
1975	4,236	400	1,131	2,705
1976	4,050	300	1,250	2,500
1977	4,083	856	1,474	1,753
1978	4,619	784	1,758	2,077
1979	5,547	930	2,204	2,413
1980	5,800	900	2,230	2,670
1981	5,900	800	2,300	2,800
1982	6,050	650	2,400	3,000
1983	6,300	600	2,550	3,150
1984	6,500	600	2,600	3,300

SABAH
BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS PERKAKAS, 1984
NUMBER OF LICENCES ISSUED BY TYPE OF GEAR, 1984

JADUAL (TABLE) 17.3

Jenis Perkakas Type of gear	Tawau	Semporna	Sandakan	Lahat Datu	Beluran	Kudat	Kota Belud	Tuaran	Kota Kinabalu	Papar	Beaufort	Labuan	K.Penyu	Kunak	Jumlah/Total
Live Prawn	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
Kelong	32	17	54	17	7	18	0	2	10	0	3	54	2	0	216
Tugoh	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Trawl	73	7	484	3	68	77	19	0	120	0	31	24	2	0	908
Pukat (Gill)	57	21	130	54	32	53	34	32	14	43	188	51	135	5	349
Purse Seine	1	44	6	7	0	0	0	0	11	0	0	3	0	2	74
Line	1	40	3	60	0	41	13	0	10	12	0	0	7	4	191
Belat	0	0	7	0	0	0	0	0	0	0	0	48	0	0	55
Bagang	0	0	2	5	0	0	0	0	0	3	1	0	0	104	115
Selambau (Lift)	0	6	0	9	0	0	0	1	0	0	0	1	0	0	17
Bubu	0	0	18	24	45	5	0	0	0	0	0	7	0	0	99
Bintoh	0	0	10	0	0	0	0	1	0	0	0	0	2	0	13
Longline	3	3	19	0	0	4	0	1	2	14	0	0	2	0	48
Cast Net	0	0	0	0	17	1	0	0	0	0	1	0	2	0	21
Others	0	1	4	0	2	2	0	0	8	0	0	0	0	0	17
Jumlah Total	191	139	737	179	171	201	66	37	182	72	224	188	152	115	2,654

PENGELUARAN IKAN MENGIKUT JENIS KUMPULAN IKAN, SABAH
PRODUCTION OF FISH BY GROUP OF SPECIES, SABAH
1975 - 1984

JADUAL (TABLE) 11.4

Jenis Kumpulan Ikan Group of Species	Kuantiti dalam '000 Tan M/Quantity in '000 Tonnes									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Freshwater fishes	1.016	1.000	1.300	1.500	1.700	1.800	2.000	2.200	2.500	2.800
Shads, mild fishes, etc.	1.829	1.500	0.300	0.400	1.000	0.200	0.300	0.300	0.400	0.900
Flounders, soles, etc.	1.016	1.000	0.100	0.500	0.400	0.300	0.300	0.400	0.400	0.400
Redfishes, basses, congers, etc.	4.877	4.500	6.300	7.300	8.200	7.000	7.500	7.500	6.000	10.500
Jacks, mullets, etc.	3.454	3.200	7.500	6.200	7.400	6.500	7.000	6.500	9.000	8.900
Herrings, sardines, anchovies, etc.	3.962	3.700	1.800	1.100	1.300	0.500	0.800	1.000	0.700	1.400
Tunas, bonitos, skipjacks	0.915	0.800	1.200	1.000	2.000	1.500	1.700	1.200	2.000	5.700
Mackerels, billfishes, etc.	2.235	2.000	7.400	11.000	6.500	6.000	7.000	8.500	9.000	4.200
Sharks, rays	1.829	1.700	0.700	0.500	1.700	0.800	1.000	1.000	0.600	1.500
Slipmounths (Leiognathus spp.)	3.353	3.000	0.400	0.600	0.400	0.800	0.900	0.800	1.200	1.200
Unsorted and unidentified fishes	2.946	2.600	1.500	1.200	1.200	0.800	1.700	2.400	4.300	2.000
Crustaceans	5.588	5.700	6.600	8.000	8.500	7.500	8.500	8.900	10.700	11.500
Molluscs	0.508	0.500	0.600	1.600	1.000	0.100	0.500	0.400	0.400	1.300
Beche de-mer, sea-urchins, etc.	0.102	0.100	0.100	0.200	0.300	0.300	0.300	0.400	0.400	0.300
Pearls, shells, corals, etc.	0.406	0.400	0.400	0.500	0.300	0.400	0.500	0.500	0.400	0.400
Jumlah Total	34.036	31.700	36.200	41.600	41.900	34.500	40.000	42.000	48.000	53.000

NILAI IKAN YANG DIDARATKAN DI SABAH
VALUE OF FISH LANDED IN SABAH
1975 - 1984

JADUAL (TABLE) 111.5

Jenis kumpulan ikan	Nilai dalam '000 ringgit Malaysia/Value in '000 Malaysian \$									
Group of Species	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Freshwater fishes	2,600.000	2,800.000	3,700.000	4,270.000	5,620.000	6,000.000	6,800.000	8,000.000	11,400.000	14,000.000
Shads, mild fishes, etc.	1,500.000	1,380.000	280.000	380.000	1,000.000	200.000	300.000	300.000	450.000	1,200.000
Flounders, soles, etc.	1,600.000	1,760.000	180.000	900.000	760.000	600.000	600.000	800.000	800.000	800.000
Redfishes, basses, congers, etc.	7,900.000	8,150.000	11,780.000	14,000.000	17,910.000	16,500.000	18,000.000	18,500.000	15,000.000	26,000.000
Jacks, mullets, etc.	6,650.000	6,870.000	17,100.000	15,000.000	18,800.000	16,500.000	18,000.000	17,500.000	24,500.000	24,000.000
Herrings, sardines, anchovies, etc.	2,280.000	2,380.000	1,200.000	800.000	850.000	350.000	580.000	750.000	550.000	1,000.000
Tunas, bonitos, skipjacks	750.000	730.000	1,100.000	1,000.000	1,900.000	1,500.000	1,750.000	1,250.000	2,500.000	8,000.000
Mackerels, billfishes, etc.	4,220.000	4,220.000	15,700.000	23,700.000	17,200.000	16,000.000	19,000.000	25,000.000	26,500.000	12,000.000
Sharks, rays	1,300.000	1,350.000	560.000	400.000	1,680.000	800.000	1,000.000	1,050.000	650.000	1,600.000
Slipmouths (Leiognathus spp.)	1,730.000	1,730.000	240.000	400.000	400.000	850.000	970.000	900.000	1,350.000	1,300.000
Unsorted and unidentified fishes	700.000	690.000	400.000	300.000	400.000	300.000	650.000	1,000.000	1,800.000	800.000
Crustaceans	24,000.000	28,000.000	32,400.000	42,020.000	49,500.000	45,000.000	55,420.000	64,900.000	80,000.000	84,800.000
Molluscs	720.000	790.000	950.000	2,600.000	2,230.000	200.000	1,000.000	850.000	850.000	3,000.000
Beche-de-mer, sea-urchins, etc.	60.000	70.000	80.000	250.000	400.000	400.000	400.000	550.000	600.000	500.000
Pearls, shells, corals, etc.	600.000	660.000	700.000	1,100.000	1,000.000	1,200.000	1,530.000	1,650.000	1,350.000	1,300.000
Jumlah										
Total	56,610.000	61,600.000	86,370.000	107,120.000	119,650.000	106,400.000	126,000.000	143,000.000	168,300.000	180,300.000

ANGSARAH BILANGAN DAN LUAS KOLAM, BEKAS LOMBONG DAN SANGKAR
SERTA BILANGAN PENTERNAK MENGIKUT SISTEM PENTERNAKAN DAN NEGERI, 1984
ESTIMATED NUMBER AND ACREAGE OF PONDS, DISUSED MINING POOLS AND CAGES
AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 1984

JADUAL (TABLE) 12.1

Negeri State	Airtawar/Freshwater						Airpayau/Brackishwater						Jumlah/Total					
	Kolam & Bekas Lombong Ponds & Ex-Mining Pools			Sangkar Cages			Kolam & Bekas Lombong Ponds & Ex-Mining Pools			Sangkar Cages			Kolam & Bekas Lombong Ponds & Ex-Mining Pools			Sangkar Cages		
	Bil. No.	Luas (ha) Acreage (ha)	Bil. No. Of Culturists	Bil. No.	Luas (m2) Acreage in Sq.m.	Bil. No. Of Culturists	Bil. No.	Luas (ha) Acreage (ha)	Bil. No. Of Culturists	Bil. No.	Luas (m2) Acreage in Sq.m.	Bil. No. Of Culturists	Bil. No.	Luas (ha) Acreage (ha)	Bil. No. Of Culturists	Bil. No.	Luas (m2) Acreage in Sq.m.	Bil. No. Of Culturists
Perlis	147	28.33	122	0	0.00	0	6	1.57	3	0	0.00	0	153	29.90	125	0	0.00	0
Kedah	848	227.07	473	20	183.62	5	58	14.24	19	141	1,327.04	32	906	241.31	492	161	1,510.66	37
Pulau Pinang	185	34.06	94	96	223.20	12	12	17.24	5	984	6,055.46	128	197	51.30	99	1,080	6,278.66	140
Perak	4,486	1,835.89	3,000	332	3,088.43	37	13	1.63	4	1,306	12,149.06	56	4,499	1,837.52	3,004	1,638	15,237.49	93
Selangor	1,386	575.81	1,078	8	72.00	2	23	6.08	6	614	7,460.71	55	1,409	581.89	1,084	622	7,532.71	57
M. Persekutuan	25	11.13	11	0	0.00	0	0	0.00	0	0	0.00	0	25	11.13	11	0	0.00	0
N. Sembilan	3,611	599.76	2,705	8	72.00	1	0	0.00	0	0	0.00	0	3,611	599.76	2,705	8	72.00	1
Malaka	1,226	234.70	951	144	1,296.00	24	4	1.54	5	0	0.00	0	1,230	236.24	956	144	1,296.00	24
Johor	1,966	316.64	960	20	175.32	5	236	336.10	43	1,269	14,606.41	113	2,202	652.74	1,003	11,289	14,781.73	118
Pahang	2,258	419.88	1,711	20	247.78	5	20	5.32	10	0	0.00	0	2,278	425.20	1,721	20	247.78	5
Terengganu	739	119.22	610	32	398.96	8	12	2.93	12	292	1,686.00	19	751	122.15	622	324	2,084.96	27
Kelantan	1,077	160.08	845	272	2,530.42	45	4	0.67	4	0	0.00	0	1,081	160.75	849	272	2,530.42	45
Jumlah/Total:	17,954	4,562.57	12,560	952	18,287.73	144	388	387.32	111	4,606	43,284.68	403	18,342	4,949.89	12,671	15,558	51,572.41	547

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA JADUAL (TABLE) 12.2
 BILANGAN DAN LUAS KOLAM AIRTAWAR/AIRPAYAU YANG DIBUKA MENGIKUT BULAN DAN NEGERI SEPANJANG TAHUN 1984
 NUMBER AND ACREAGE OF NEWLY CONSTRUCTED FRESHWATER/BRACKISHWATER PONDS BY MONTH AND STATE FOR THE YEAR 1984

BILANGAN KOLAM BARU DIBUKA/NUMBER OF NEWLY CONSTRUCTED PONDS													
Negeri State	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Wilayah Persekutuan	Negeri Sebilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah Total
Bulan Month			Penang			Federal Territory		Malacca	Johore				
Januari (January)	0	1	4	30	31	0	16	19	7	25	0	0	133
Februari (February)	0	7	0	5	0	0	0	0	31	9	0	9	61
Mach (March)	0	4	1	26	5	0	0	11	4	13	0	3	67
April (April)	0	0	0	6	0	0	6	0	44	15	4	0	75
Mei (May)	0	10	0	3	16	0	1	2	37	7	0	5	81
Jun (June)	0	7	9	6	14	2	0	3	3	20	0	16	80
Julai (July)	0	8	4	9	2	0	3	0	0	9	0	12	47
Ogos (August)	0	5	4	30	1	0	9	0	2	40	2	1	94
September (September)	0	25	5	23	2	0	1	0	0	32	0	2	90
Oktober (October)	0	0	0	8	1	0	17	4	12	14	0	7	63
November (November)	0	1	2	16	5	4	0	3	0	22	0	0	53
Disember (December)	0	8	8	17	6	0	7	23	0	12	0	12	93
Jumlah Total	0	76	37	179	83	6	60	65	140	218	6	67	937

KELUASAN (ha)/ACREAGE IN HECTARES

Negeri State	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Wilayah Persekutuan	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah Total
Bulan Month			Penang			Federal Territory		Malacca	Johore				
Januari (January)	0.00	0.28	0.99	2.58	39.38	0.00	3.71	3.77	1.53	6.00	0.00	0.00	58.24
Februari (February)	0.00	1.65	0.00	7.55	0.00	0.00	0.00	0.00	16.53	2.01	0.00	1.79	29.53
Mach (March)	0.00	1.10	0.39	7.49	1.65	0.00	0.00	2.26	0.18	2.80	0.00	0.44	16.31
April (April)	0.00	0.00	0.00	0.24	0.00	0.00	0.43	0.00	77.14	3.78	1.29	0.00	82.88
Mei (May)	0.00	2.45	0.00	0.77	10.27	0.00	0.16	0.32	19.47	0.83	0.00	0.82	35.09
Jdn (June)	0.00	1.51	3.18	1.29	2.39	0.41	0.00	0.44	0.54	4.55	0.00	1.73	16.04
Julai (July)	0.00	2.50	0.81	1.21	21.08	0.00	0.09	0.00	0.00	1.83	0.71	1.28	29.51
Ogos (August)	0.00	0.68	0.87	5.15	0.10	0.00	1.90	0.00	3.80	1.63	0.00	0.10	14.23
September (September)	0.00	4.96	1.33	2.22	0.94	0.00	0.04	0.00	0.00	1.93	0.00	0.22	11.64
Oktober (October)	0.00	0.00	0.00	2.12	1.07	0.00	3.32	1.54	0.84	2.40	0.00	0.88	12.17
November (November)	0.00	0.15	0.20	2.09	18.87	0.51	0.00	0.75	0.00	3.67	0.00	0.00	26.24
Disember (December)	0.00	2.14	1.25	3.48	10.24	0.00	1.51	5.35	0.00	3.09	0.00	1.31	28.37
Jumlah Total	0.00	17.42	9.02	36.19	105.99	0.92	11.16	14.43	120.03	34.52	2.00	8.57	360.25

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA JADUAL (TABLE) 12.3
 BILANGAN DAN LUAS SANGKAR AIRTANAR/AIRPAYAU YANG DIBUKA MENGIKUT BULAN DAN NEGERI SEPANJANG TAHUN 1984
 NUMBER AND ACREAGE OF NEWLY CONSTRUCTED FRESHWATER/BRACKISHWATER CAGES BY MONTH AND STATE FOR THE YEAR 1984

BILANGAN SANGKAR BARU DIBUKA/NUMBER OF NEWLY CONSTRUCTED CAGES													
Negeri State	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Wilayah Persekutuan	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah Total
Bulan Month			Penang			Federal Territory		Malacca	Johore				
Januari (January)	0	6	0	0	0	0	0	0	26	0	0	0	32
Februari (February)	0	0	0	336	50	0	0	0	0	0	0	36	422
Mac (March)	0	0	0	0	0	0	0	0	48	0	0	0	48
April (April)	0	0	0	96	0	0	0	0	54	0	0	0	150
Mei (May)	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun (June)	0	0	0	0	90	0	0	0	107	0	0	0	197
Julai (July)	0	0	0	96	20	0	0	0	0	0	0	0	116
Ogos (August)	0	0	0	0	64	0	0	0	111	0	0	0	175
September (September)	0	0	0	0	190	0	0	0	4	0	0	0	194
Oktober (October)	0	0	0	266	0	0	0	0	99	0	0	0	365
November (November)	0	0	8	20	90	0	0	0	0	0	0	0	118
Disember (December)	0	0	0	72	50	0	0	0	31	0	0	0	153
Jumlah Total	0	6	8	886	554	0	0	0	480	0	0	36	1970

KELUASAN (m2)/ACREAGE IN (m2)													
Negeri State	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Wilayah Persekutuan	Negeri Sembilan	Malaka	Johor	Pahang	Terengganu	Kelantan	Jumlah Total
Bulan Month			Penang			Federal Territory		Malacca	Johore				
Januari (January)	0.00	35.16	0.00	0.00	0.00	0.00	0.00	0.00	273.44	0.00	0.00	0.00	308.60
Februari (February)	0.00	0.00	0.00	3,125.64	595.13	0.00	0.00	0.00	0.00	0.00	0.00	334.91	4,055.68
Mac (March)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	573.44	0.00	0.00	0.00	573.44
April (April)	0.00	0.00	0.00	893.04	0.00	0.00	0.00	0.00	655.39	0.00	0.00	0.00	1,548.43
Mei (May)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun (June)	0.00	0.00	0.00	0.00	1,113.53	0.00	0.00	0.00	1,182.85	0.00	0.00	0.00	2,296.38
Julai (July)	0.00	0.00	0.00	893.04	259.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,152.24
Ogos (August)	0.00	0.00	0.00	0.00	632.05	0.00	0.00	0.00	2,358.97	0.00	0.00	0.00	2,991.02
September (September)	0.00	0.00	0.00	0.00	2,462.40	0.00	0.00	0.00	26.74	0.00	0.00	0.00	2,489.14
Oktober (October)	0.00	0.00	0.00	2,474.66	0.00	0.00	0.00	0.00	1,305.16	0.00	0.00	0.00	3,779.82
November (November)	0.00	0.00	18.16	186.05	1,166.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,370.61
Disember (December)	0.00	0.00	0.00	669.78	648.00	0.00	0.00	0.00	341.61	0.00	0.00	0.00	1,659.39
Jumlah Total	0.00	35.16	18.16	18,242.21	6,876.71	0.00	0.00	0.00	6,717.60	0.00	0.00	334.91	22,224.75

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN KOLAM DAN BEKAS LOMBONG AIRTAWAR/AIRPAYAU YANG DIBUKA DAN DITUTUP
MENGIKUT NEGERI SEPANJANG TAHUN 1984

JADUAL (TABLE) 12.4

NUMBER OF NEWLY CONSTRUCTED AND CLOSED FRESHWATER/BRACKISHWATER PONDS AND MINING POOLS BY STATE FOR THE YEAR 1984

Negeri/State	Airtawar/Freshwater				Airpayau/Brackishwater				Jumlah Besar		Keluasan (ha)	
	Kolam Binaan		Bekas Lombong		Kolam Binaan		Bekas Lombong		Grand Total		Acreage In Hectares	
	Excavated Ponds		Ex-Mining Pools		Excavated Ponds		Ex-Mining Pools					
	Bil. Dibuka	Bil. Ditutup	Bil. Dibuka	Bil. Ditutup	Bil. Dibuka	Bil. Ditutup	Bil. Dibuka	Bil. Ditutup	Bil. Dibuka	Bil. Ditutup	Dibuka	Ditutup
	No. Of New Ponds	No. Of Closed Ponds	No. Of New Ponds	No. Of Closed Ponds	No. Of New Ponds	No. Of Closed Ponds	No. Of New Ponds	No. Of Closed Ponds	No. Of New Ponds	No. Of Closed Ponds	New Ponds	Closed Ponds
Perlis	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Kedah	64	3	0	2	12	0	0	0	76	5	17.42	6.29
Pulau Pinang/ Penang	37	3	0	0	0	0	0	0	37	3	9.02	0.17
Perak	168	70	8	177	3	0	0	0	179	247	36.19	570.77
Selangor	64	8	17	3	2	1	0	0	83	12	105.99	35.39
W. Persekutuan/ F. Territory	6	0	0	0	0	0	0	0	6	0	11.16	0.00
N. Sembilan	60	39	0	0	0	0	0	0	60	39	14.43	15.11
Melaka/Malacca	61	13	0	0	4	6	0	0	65	19	120.03	3.81
Johor/Johore	68	8	1	0	71	0	0	1	140	9	34.52	125.62
Pahang	218	26	0	0	0	0	0	0	218	26	2.00	6.30
Terengganu	6	47	0	3	0	0	0	0	6	50	8.57	10.43
Kelantan	67	36	0	2	0	0	0	0	67	38	0.92	11.20
Jumlah/Total	819	253	26	187	92	7	0	1	937	448	1360.25	1785.09

JADUAL (TABLE) 13.1

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN PENGELUARAN TERNAKAN IKAN
 MENGIKUT NEGERI DAN SISTEM PENTERNAKAN, 1984
 ESTIMATED FISH PRODUCTION BY STATE AND CULTURE SYSTEM, 1984
 (Timbangan dalam Tan Metrik/Weight in Tonnes)

Negeri State	Airtawar/Freshwater		Airpayau/Brackishwater		Jumlah Besar Grand Total	
	Kolam Ponds	Sangkar Cages	Kolam Ponds	Sangkar Cages	Kolam Ponds	Sangkar Cages
Perlis	27.49	0.00	0.00	0.00	27.49	0.00
Kedah	83.76	0.00	4.17	3.39	87.93	3.39
P. Pinang/Penang	13.17	0.00	0.00	0.00	13.17	0.00
Perak	1,842.05	1.25	1.04	16.94	1,843.09	18.19
Selangor	737.79	0.97	0.97	12.70	738.76	13.67
W. Persekutuan/ Federal Territory	2.57	0.00	0.00	0.00	2.57	0.00
N. Sembilan	197.88	0.00	0.00	0.00	197.88	0.00
Melaka/Malacca	236.21	0.00	0.00	0.00	236.21	0.00
Johor/Johore	211.50	0.00	57.79	69.79	269.29	69.79
Pahang	501.28	0.00	0.00	0.00	501.28	0.00
Terengganu	3.20	0.23	0.17	0.00	3.37	0.23
Kelantan	52.76	1.80	0.00	0.00	52.76	1.80
Jumlah/Total:	3,909.66	4.25	64.14	102.82	3,973.80	107.07

4,080.87

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA JADUAL (TABLE) 13.2
 ANGGARAN NILAI IKAN TERNAKAN YANG DIHASILKAN MENGIKUT NEGERI DAN SISTEM PENTERNAKAN, 1984
 ESTIMATED VALUE OF FISH PRODUCTION BY STATE AND CULTURE SYSTEM, 1984
 (Nilai dalam M\$ '000/Value in M\$ '000)

Negeri State	Airtawar/Freshwater		Airpayau/Brackishwater		Jumlah (M\$)/Total (M\$)	
	Kolam & Bekas Lombong Ponds & Ex-Mining Pools	Sangkar Cages	Kolam & Bekas Lombong Ponds & Ex-Mining Pools	Sangkar Cages	Kolam & Bekas Lombong Ponds & Mining Pool	Sangkar Cages
Perlis	190.47	0.00	0.00	0.00	190.47	0.00
Kedah	272.95	0.00	16.73	20.30	289.68	20.30
P.Pinang/ Penang	39.05	0.00	0.00	0.00	39.05	0.00
Perak	5,219.39	18.92	31.20	102.23	5,250.59	121.15
Selangor	1,869.24	2.79	18.80	75.39	1,888.04	78.18
W.Persekutuan/ F.Territory	7.79	0.00	0.00	0.00	7.79	0.00
N. Sembilan	625.15	0.00	0.00	0.00	625.15	0.00
Melaka/Malacca	711.99	0.00	0.00	0.00	711.99	0.00
Johor/Johore	511.91	0.00	1,773.70	432.70	2,285.61	432.70
Pahang	1,920.73	0.00	0.00	0.00	1,920.73	0.00
Terengganu	9.43	0.78	1.15	0.00	10.58	0.78
Kelantan	159.84	4.99	0.00	0.00	159.84	4.99
Jumlah/Total:	11,537.94	27.48	1,841.58	630.62	13,379.52	658.10

SENEANJUNG MALAYSIA/PENINSULAR MALAYSIA
 BILANGAN DAN LUAS KOLAN BINAAN DAN BEKAS LOMBONG AIRTAMAR SERTA
 BILANGAN PENTERNAK YANG TERLIBAT MENGIKUT KAUM DAN NEGERI 1984
 NUMBER AND ACREAGE OF FRESHWATER PONDS AND DISUSED MINING POOLS AND NUMBER OF CULTURISTS BY RACE AND STATE, 1984

JADUAL (TABLE) 14.1

Negeri State	Kolan Binaan Excavated Ponds		Bekas Lombong Ex-Mining Pools		Jumlah Total		Bilangan Penternak Ikan Number of Fish Culturists				
	Bilangan	Luas (ha)	Bilangan	Luas (ha)	Bilangan	Luas (ha)	Melayu	Cina	India	Lain-lain	Jumlah
	Number	Acreage (ha)	Number	Acreage (ha)	Number	Acreage (ha)	Malay	Chinese	Indian	Others	Total
Perlis	144	26.63	3	1.70	147	28.33	107	4	0	11	122
Kedah	843	216.03	5	11.04	848	227.07	440	14	0	19	473
P. Pinang/ Penang	185	34.06	0	0.00	185	34.06	40	33	6	15	94
Perak	3,976	606.91	510	1,228.98	4,486	1,835.89	2,337	548	51	64	3,000
Selangor	1,150	244.49	236	331.32	1,386	575.81	698	216	63	111	1,078
M. Persekutuan/ F. Territory	20	4.96	5	6.17	25	11.13	5	6	0	0	11
N. Sembilan	3,394	482.60	217	117.16	3,611	599.76	2,320	350	17	18	2,705
Melaka/Malacca	1,222	230.64	4	4.06	1,226	234.70	788	149	9	5	951
Johor/Johore	1,940	286.19	26	30.45	1,966	316.64	564	374	1	21	960
Pahang	2,250	413.68	8	6.20	2,258	419.88	1,436	241	5	29	1,711
Terengganu	732	115.95	7	3.27	739	119.22	587	18	0	5	610
Kelantan	1,071	156.86	6	3.22	1,077	160.08	837	7	1	0	845
Jumlah/Total:	16,727	12,819.00	1,027	11,743.57	17,754	14,562.57	10,149	1,960	153	298	12,560

SEMI-NEJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN PENGELUARAN HASIL IKAN DARI KOLAM AIRTAMAR
 MENGIKUT NEGERI DAN JENIS IKAN, 1984
 ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND SPECIES, 1984
 (Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 14.2

Negeri State	Lampau Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpun Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Tilapia	Sepat Sian Snakeskin Gouramy	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	1.77	14.19	11.53	0.00	0.00	0.00	27.49
Kedah	29.76	12.42	12.44	8.34	3.46	7.87	4.57	4.90	83.76
P. Pinang/ Penang	3.39	1.31	2.72	3.62	0.23	1.90	0.00	0.00	13.17
Perak	141.99	63.41	1,254.36	376.33	0.00	1.93	1.69	2.34	1,842.05
Selangor	56.89	24.15	254.69	326.78	0.00	0.00	0.00	75.28	737.79
M. Persekutuan/ F. Territory	1.27	0.66	0.00	0.00	0.00	0.64	0.00	0.00	2.57
M. Sembilan	118.24	7.01	35.60	19.16	3.00	0.00	0.00	14.87	197.88
Melaka/Malacca	130.35	0.00	76.83	3.95	0.00	4.94	0.00	20.14	236.21
Johor/Johore	6.28	1.22	13.47	0.89	8.08	50.74	0.00	130.82	211.50
Pahang	250.59	80.19	40.09	75.18	40.09	0.00	0.00	15.14	501.28
Terengganu	1.09	0.49	0.63	0.81	0.03	0.00	0.00	0.15	3.20
Kelantan	16.20	10.55	12.40	12.61	0.63	0.00	0.00	0.37	52.76
Jumlah/Total:	756.05	201.41	1,705.00	841.86	67.05	68.02	6.26	264.01	3,909.66

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN NILAI BDRONG HASIL DARI KOLAM AIRTAWAR
 MENGIKUT NEGERI DAN JENIS IKAN, 1984
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND SPECIES, 1984
 (Nilai dalam M\$ '000/Value in M\$ '000)

JADUAL (TABLE) 14.3

Negeri/State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Tilapia	Sepat Siam Snakeskin Gouramy	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	5.22	31.79	153.46	0.00	0.00	0.00	190.47
Kedah	98.51	38.13	36.70	18.68	46.05	19.12	7.72	8.04	272.95
P. Pinang/ Penang	11.22	4.02	8.02	8.11	3.06	4.62	0.00	0.00	39.05
Perak	469.99	194.67	3,700.36	842.98	0.00	4.69	2.86	3.84	5,219.39
Selangor	188.31	74.14	751.34	731.99	0.00	0.00	0.00	123.46	1,869.24
W. Persekutuan/ F. Territory	4.20	2.03	0.00	0.00	0.00	1.56	0.00	0.00	7.79
N. Sembilan	391.37	21.52	105.02	42.92	39.93	0.00	0.00	24.39	625.15
Melaka/Malacca	431.46	0.00	226.65	8.85	0.00	12.00	0.00	33.03	711.99
Johor/Johore	20.82	3.75	39.74	2.22	107.54	123.30	0.00	214.54	511.91
Pahang	829.45	246.18	118.27	168.40	533.60	0.00	0.00	24.83	1,920.73
Terengganu	3.61	1.50	1.86	1.81	0.40	0.00	0.00	0.25	9.43
Kelantan	53.62	32.39	36.58	28.25	8.39	0.00	0.00	0.61	159.84
Jumlah/Totals	2,502.56	618.33	5,029.76	1,886.00	892.43	165.29	10.58	432.99	11,537.94

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN NILAI RUNCIT HASIL DARI KOLAM AIRTAWAR
MENGIKUT NEGERI DAN JENIS IKAN 1984

JADUAL (TABLE) 14.4

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND SPECIES, 1984
(Nilai dalam \$ '000/Value in M\$ '000)

Negeri/State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Tilapia	Sepat Siam Snakeskin Bouramy	Pelbagai Miscellaneous	Jumlah Total
Ferlis	0.00	0.00	7.58	50.66	188.17	0.00	0.00	0.00	246.41
Kedah	106.54	51.05	53.24	29.77	56.47	22.90	11.06	9.21	340.24
P.Pinang/ Penang	12.14	5.38	11.64	12.92	3.75	5.53	0.00	0.00	51.36
Perak	508.32	260.62	5,368.66	1,343.50	0.00	5.62	4.09	4.40	7,495.21
Selangor	203.67	99.26	1,090.07	1,166.60	0.00	0.00	0.00	141.58	2,701.18
W.Persekutuan/ F.Territory	4.55	2.71	0.00	0.00	0.00	1.86	0.00	0.00	9.12
N. Sembilan	423.30	28.81	152.37	68.40	48.96	0.00	0.00	27.96	749.80
Melaka/Malacca	466.65	0.00	328.83	14.10	0.00	14.38	0.00	37.86	861.82
Johor/Johore	22.46	5.01	57.65	3.10	131.87	147.65	0.00	245.94	613.68
Pahang	897.11	329.58	171.59	268.39	654.27	0.00	0.00	28.46	2,349.40
Terengganu	3.90	2.01	2.70	2.89	0.49	0.00	0.00	0.28	12.27
Kelantan	58.00	43.36	53.07	45.02	10.28	0.00	0.00	0.70	210.43
Jumlah/Total:	2,706.64	827.79	7,297.40	3,005.35	1,094.26	197.94	15.15	496.39	15,640.92

JADUAL (TABLE) 15.1

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
 BILANGAN DAN LUAS SANGKAR AIRTAWAR SERTA BILANGAN PENTERNAK
 MENGIKUT KAUM DAN NEGERI 1984
 ESTIMATED NUMBER AND ACREAGE OF FRESHWATER CAGES AND NUMBER OF CULTURISTS
 BY RACE AND STATE 1984

Negeri State	Sangkar Airtawar Freshwater Cages		Bilangan Penternak Ikan Number Of Culturists				
	Bilangan Number	Luas (ha) Acreage	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Penternak Number of Culturists
Perlis	0	0.00	0	0	0	0	0
Kedah	20	183.62	5	0	0	0	5
P.Pinang/ Penang	96	223.20	5	7	0	0	12
Perak	332	3,088.43	28	1	0	8	37
Selangor	8	72.00	2	0	0	0	2
W.Persekutuan/ F.Territory	0	0.00	0	0	0	0	0
N. Sembilan	8	72.00	1	0	0	0	1
Melaka/Malacca	144	1,296.00	7	17	0	0	24
Johor/Johore	20	175.32	4	1	0	0	5
Pahang	20	247.78	5	0	0	0	5
Terengganu	32	398.96	8	0	0	0	8
Kelantan	272	2,530.42	43	2	0	0	45
Jumlah/Total:	952	18,287.73	108	28	0	8	144

8.2877
 0.8219

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN PENGELUARAN HASIL IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN,,1984
 ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1994
 (Timbangan dalam Tan metrik/Weight in Tonnes)

JADUAL (TABLE) 15.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Ketutu Marble Goby	Jelawat River Carp	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang/ Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	0.00	0.00	0.01	0.01	0.00	0.00	0.93	0.29	1.24
Selangor	0.24	0.00	0.50	0.23	0.00	0.00	0.00	0.00	0.97
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor/Johore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.02	0.00	0.15	0.06	0.00	0.01	0.00	0.00	0.24
Kelantan	0.00	0.00	1.35	0.45	0.00	0.00	0.00	0.00	1.80
Jumlah/Total:	0.26	0.00	2.01	0.75	0.00	0.01	0.93	0.29	4.25

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN NILAI BORONG HASIL IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1984
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1984
 (Nilai dalam M\$ '000/Value in M\$ '000)

JADUAL (TABLE) 15.3

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Ketutu Marble Goby	Jelawat River Carp	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang/ Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	0.00	0.00	0.03	0.04	0.00	0.00	18.36	0.49	18.92
Selangor	0.81	0.00	1.47	0.51	0.00	0.00	0.00	0.00	2.79
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor/Johore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.07	0.00	0.43	0.14	0.00	0.14	0.00	0.00	0.78
Kelantan	0.00	0.00	3.98	1.01	0.00	0.00	0.00	0.00	4.99
Jumlah/Total:	0.88	0.00	5.91	1.70	0.00	0.14	18.36	0.49	27.48

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN NILAI RUNCIT HASIL IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1984
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1984
 (Nilai dalam M\$ 000/Value in M\$ '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Ketutu Marble Boby	Jelawat River Carp	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang/ Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	0.00	0.00	0.04	0.04	0.00	0.00	20.00	0.55	20.63
Selangor	0.86	0.00	2.14	0.82	0.00	0.00	0.00	0.00	3.82
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor/Johore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.07	0.00	0.64	0.21	0.00	0.17	0.00	0.00	1.09
Kelantan	0.00	0.00	5.78	1.61	0.00	0.00	0.00	0.00	7.39
Jumlah/Total:	0.93	0.00	8.60	2.68	0.00	0.17	20.00	0.55	32.93

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN DAN LUAS KOLAM BINAAN AIRPAYAU DAN BEKAS LOMBONG SERTA BILANGAN PENTERNAK
MENGIKUT NEGERI DAN KAUM 1984
NUMBER AND ACREAGE OF BRACKISHWATER PONDS AND DISUSED MINING POOLS AND NUMBER OF CULTURISTS
BY STATE AND RACE 1984

Negeri/State	Kolam Binaan Excavated Ponds		Bekas Lombong Ex-Mining Pools		Jumlah Total		Bilangan Penternak Ikan Number Of Culturists				
	Bilangan	Luas (ha)	Bilangan	Luas (ha)	Bilangan	Luas (ha)	Melayu	Cina	India	Lain-Lain	Jumlah
	Number	Acreage (ha)	Number	Acreage (ha)	Number	Acreage (ha)	Malay	Chinese	Indian	Others	Total
Perlis	6	1.57	0	0.00	6	1.57	3	0	0	0	3
Kedah	56	13.88	2	0.36	58	14.24	10	6	1	2	19
P.Pinang/ Penang	12	17.24	0	0.00	12	17.24	3	1	0	1	5
Perak	13	1.63	0	0.00	13	1.63	0	3	0	1	4
Selangor	23	6.08	0	0.00	23	6.08	4	2	0	0	6
M.Persekutuan/ F.Territory	0	0.00	0	0.00	0	0.00	0	0	0	0	0
N. Sembilan	0	0.00	0	0.00	0	0.00	0	0	0	0	0
Melaka/Malacca	4	1.54	0	0.00	4	1.54	2	3	0	0	5
Johor/Johore	226	224.38	10	111.72	236	336.10	10	27	0	6	43
Pahang	20	5.32	0	0.00	20	5.32	10	0	0	0	10
Terengganu	12	2.93	0	0.00	12	2.93	12	0	0	0	12
Kelantan	4	0.67	0	0.00	4	0.67	3	1	0	0	4
Jumlah/Totals :	376	275.24	12	112.08	388	387.32	57	43	1	10	111

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN PENGELUARAN HASIL IKAN DARI KOLAM AIRPAYAU/MASIN MENGIKUT NEGERI DAN JENIS IKAN SERTA KERANG, 1984
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS BY STATE AND SPECIES AND COCKLE, 1984
 (Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 16.2

Negeri State	Kerapu Grouper	Siakap Barramundi	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Crab	Pelbagai Miscellaneous	Jumlah Total	Kerang Cockle	Jumlah Besar Grand Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.08	0.13	0.00	3.96	4.17	3,965.37	3,969.54
P.Pinang/ Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,628.59	9,628.59
Perak	0.00	0.00	0.00	0.00	1.04	0.00	0.00	1.04	17,942.90	17,943.94
Selangor	0.00	0.00	0.00	0.57	0.40	0.00	0.00	0.97	31,681.81	31,682.78
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	25.00
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor/Johore	0.00	0.00	0.00	0.00	57.79	0.00	0.00	57.79	69.54	127.33
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.00	0.07	0.00	0.01	0.01	0.08	0.00	0.17	0.00	0.17
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	267.35	267.35
										0.00
Jumlah/Total:	0.00	0.07	0.00	0.66	59.37	0.08	3.96	64.14	63,580.56	63,644.70

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN NILAI BORONG HASIL IKAN DARI KOLAM AIRPAYAU MENGIKUT NEGERI DAN JENIS IKAN 1984/FS
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS
 BY STATE AND SPECIES, 1984
 (Nilai dalam M\$ '000/Value in M\$ '000)

Negeri/State	Siakap Barramundi	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Crab	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.95	3.90	0.00	11.88	16.73
P.Pinang/ Penang	0.00	0.00	0.00	0.00	0.00	0.00
Perak	0.00	0.00	31.20	0.00	0.00	31.20
Selangor	0.00	6.80	12.00	0.00	0.00	18.80
W.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00
Johor/Johore	0.00	0.00	1,773.70	0.00	0.00	1,773.70
Pahang	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.43	0.12	0.30	0.30	0.00	1.15
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	0.43	7.87	1,821.10	0.30	11.88	1,841.58

JADUAL (TABLE) 17.1

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 BILANGAN DAN LUAS SANGKAR AIRPAYAU SERTA BILANGAN PENTERNAK
 MENGIKUT KAUM DAN NEGERI, 1984
 NUMBER AND ACREAGE OF BRACKISHWATER CAGES AND NUMBER OF CULTURISTS BY RACE
 AND STATE, 1984

Negeri State	Sangkar Airpayau Brackishwater Cages		Bilangan Penternak Ikan No. Of Culturists				
	Bilangan Number	Luas (m2) Acreage In Sq. Metres	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	141	1,327.04	29	0	0	3	32
P. Pinang/ Penang	984	6,055.46	25	96	0	7	128
Perak	1,306	12,149.06	4	52	0	0	56
Selangor	614	7,460.71	0	55	0	0	55
W. Persekutuan/ F. Territory	0	0.00	0	0	0	0	0
N. Sembilan	0	0.00	0	0	0	0	0
Melaka/Malacca	0	0.00	0	0	0	0	0
Johor/Johore	1,269	14,606.41	60	53	0	0	113
Pahang	0	0.00	0	0	0	0	0
Terengganu	292	1,686.00	19	0	0	0	19
Kelantan	0	0.00	0	0	0	0	0
Jumlah/Total:	4,606	43,284.68	137	256	0	10	403

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA JADUAL (TABLE) 17.2
 ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN MENGIKUT NEGERI DAN JENIS IKAN, 1984
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES BY STATE AND SPECIES, 1984
 (Timbangan dalam Tan Metrik/Weight in Tonnes)

	Jenis Ikan/Species								
Negeri/State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Ketam Crab	Udang Harimau Tiger Prawn	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	1.00	2.39	0.00	0.00	0.00	0.00	0.00	0.00	3.39
P.Pinang/ Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	3.36	11.44	2.15	0.00	0.00	0.00	0.00	0.00	16.95
Selangor	6.10	3.64	0.19	0.09	0.56	2.11	0.00	0.00	12.69
M.Persekutuan/ F.Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor/Johore	69.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.79
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	80.25	17.47	2.34	0.09	0.56	2.11	0.00	0.00	102.82

SENEANJUNG MALAYSIA/PENTISULAR MALAYSIA

JADUAL (TABLE) 17.3

ANGGARAN NILAI BORONG HASIL IKAN DARI SANGKAR AIRPAYAU/MASIN MENGIKUT NEGERI DAN JENIS IKAN SERTA KERANG 1984(\$'000)

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES BY STATE AND SPECIES AND COCKLE, 1984

(Nilai dalam " : '000/Value in M\$ '000)

Negeri/State	Jenis Ikan/Species									Kerang	Jumlah Besar
	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Ketan Crab	Udang Harinau Tiger Prawn	Pelbagai Miscellaneous	Jumlah Total		
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	6.20	14.10	0.00	0.00	0.00	0.00	0.00	0.00	20.30	1,943.03	1,963.33
P. Pinang/ Penang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,718.01	4718.01
Perak	20.83	67.50	12.90	0.00	0.00	0.00	0.00	0.00	101.23	8,792.02	8,893.25
Selangor	37.82	21.48	1.14	0.36	6.68	7.91	0.00	0.00	75.39	15,524.08	15,599.47
M. Persekutuan/ F. Territory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	12.25
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor/Johore	432.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	432.70	34.07	466.77
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.00	131.00
Jumlah/Total:	497.55	103.08	14.04	0.36	6.68	7.91	0.00	0.00	629.62	31,154.46	31,784.08

SENEHANGUNG MALAYSIA/PENINSULAR MALAYSIA
PENJUALAN IKAN AIRTAMAR DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN JENIS IKAN BALAN TAMAN 1984
SALE OF FRESHWATER FISH AT MAJOR MARKETS BY STATE AND SPECIES, 1984
(Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 18.1

Jenis Ikan Species	Negeri/State												Jumlah
	Perlis	Kedah	P.Pinang	Perak	Selangor	N.Persekutuan	N.Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	
Baung	0.00	0.07	0.00	41.16	1.30	0.00	0.39	0.00	1.67	0.06	0.58	0.08	46.11
Belida	0.00	0.00	0.00	3.99	0.00	0.00	0.00	0.00	0.11	0.19	0.00	0.19	4.48
Bujuk	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
Haruan	0.00	0.29	2.19	112.98	2.39	14.40	7.09	0.85	0.02	0.39	0.09	0.23	140.92
Jelawat	0.00	0.00	0.00	0.00	0.02	0.45	0.00	0.45	0.69	0.05	0.00	0.00	1.74
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02
Kalui	0.00	0.03	0.00	1.15	0.18	0.00	0.02	0.00	0.60	0.00	0.05	0.04	2.07
K.Kepala Besar	0.00	0.19	0.77	40.76	11.92	110.30	33.94	6.17	0.00	0.13	0.03	1.11	205.32
Kap Rumpit	0.00	0.34	0.25	49.33	5.91	146.00	24.16	8.73	0.20	2.14	0.04	1.48	238.58
Kap Lumpur	0.00	0.00	0.00	10.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.65
Kelabau	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.69
Kelah	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.24	0.38	0.81	1.78
Keli	0.00	0.28	2.41	164.29	1.54	14.40	18.75	0.35	0.00	2.26	0.21	0.06	204.55
Kerai	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.65	0.00	0.03	1.33
Kerai Jelawat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.24
Ketutu	0.00	0.00	0.00	27.12	1.02	0.00	0.12	0.00	0.00	0.38	0.00	0.00	28.64
Lampam Sungai	0.00	0.03	0.62	27.18	2.09	0.00	0.00	0.00	0.02	0.89	0.03	0.72	31.58
Lampam Jawa	0.00	0.31	0.73	40.28	2.70	0.60	14.57	15.83	0.12	0.58	0.19	1.30	77.21
Lee Koh	0.00	0.03	0.00	10.39	0.11	0.00	12.06	0.07	0.00	0.01	0.04	0.98	23.69
Loma	0.00	0.00	0.00	24.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.86
Patin	0.00	0.00	0.00	1.20	0.00	0.00	0.43	2.94	2.40	0.34	0.00	0.00	7.31
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.39
Patin Muncong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.08
Patin Perak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	1.21
Patin Sungai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.66
Pucuk Pisang	0.00	0.09	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.59
Puyu	0.00	0.00	0.08	1.49	1.41	0.75	0.01	0.33	0.00	0.00	0.26	0.09	4.42
Sebarau	0.00	0.09	0.00	2.18	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.24	2.53
Sepat Ronggeng	0.00	0.03	0.00	1.02	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83
Sepat Siam	0.00	0.05	0.72	32.47	1.48	0.00	4.02	0.84	0.00	0.00	0.00	0.01	39.59
Tapah	0.00	0.00	0.00	2.45	0.30	0.00	0.07	0.00	0.96	0.34	0.05	0.00	4.17
Temakang	0.00	0.00	0.00	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	12.14
Tenggalang	0.00	0.00	0.00	20.83	0.00	0.00	0.00	0.00	0.00	0.52	0.00	1.13	22.48
Terubul	0.00	0.00	0.00	31.34	0.04	0.00	0.23	0.00	0.00	0.00	0.03	0.00	31.64
Tilapia	0.00	0.12	0.00	64.63	1.72	1.37	13.15	0.73	1.38	0.20	0.00	0.00	83.30
Toman	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.03	0.17	0.00	0.23
Udang Galah	0.00	0.07	1.91	74.29	16.96	18.50	13.96	0.00	6.69	2.21	0.09	0.11	134.79
Kelef	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.16
Pelbagai	0.00	0.00	0.00	32.19	0.22	0.00	0.00	0.00	0.00	0.08	0.63	0.12	33.24
Kerang	0.00	13,965.37	19,628.59	17,942.90	31,681.81	0.00	25.00	0.00	69.54	267.35	0.00	0.00	63,580.56
Jumlah/Total:	0.00	13,967.39	19,638.27	18,777.28	31,734.55	306.77	167.97	37.29	84.40	282.47	2.93	8.81	65,008.13

SENEHANGUNG MALAYSIA/PENINSULAR MALAYSIA
PEJUALAN IKAN-IKAN AIRTAMAR DI PASAR-PASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN, 1984
SALE OF FRESHWATER FISH AT MAJOR MARKETS BY MONTH AND SPECIES, 1984
(Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 18.2

Jenis Ikan Species	Bulan/Month												
	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Juniah Total
Buang	1.51	2.50	4.32	4.76	4.52	3.13	4.96	4.68	3.97	4.87	4.02	2.79	44.11
Belida	0.14	0.49	0.14	0.79	0.55	0.33	0.22	0.33	0.50	0.46	0.15	0.38	4.48
Bujuk	0.15	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
Haruan	9.87	13.46	12.06	11.09	11.85	10.66	11.52	12.08	11.03	9.97	9.19	18.09	140.92
Jelawat	0.33	0.00	0.02	0.09	0.20	0.03	0.00	0.13	0.71	0.00	0.18	0.05	1.74
Juara	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02
Kaloi	0.00	0.00	0.22	0.23	0.11	0.03	0.00	0.28	0.76	0.20	0.12	0.12	2.07
K.Kepala Besar	17.69	25.65	11.57	14.03	14.18	16.93	17.73	16.79	18.72	15.48	16.29	18.26	205.32
Kap Rempet	22.42	36.85	9.65	17.81	18.38	18.86	17.13	17.52	19.21	20.33	20.07	20.35	238.58
Kap Lampur	0.00	0.00	0.00	1.71	3.15	2.02	0.00	3.77	0.00	0.00	0.00	0.00	10.63
Kelabau	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.15	0.00	0.27	0.01	0.25	0.69
Kelah	0.14	0.25	0.02	0.18	0.31	0.18	0.10	0.08	0.08	0.06	0.08	0.30	1.70
Keli	16.66	17.08	17.05	15.89	15.68	17.49	15.35	15.01	14.81	14.31	14.91	31.11	204.55
Kerai	0.00	0.12	0.12	0.07	0.05	0.07	0.07	0.00	0.71	0.06	0.00	0.06	1.33
Kerai Jelawat	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.24
Ketutut	0.17	2.04	2.34	3.02	3.17	2.76	2.65	3.50	1.95	2.45	2.84	1.75	28.64
Lampas Sungai	0.71	1.02	2.66	2.87	2.61	2.52	2.85	1.52	3.69	3.79	3.41	3.93	31.58
Lampas Jawa	1.85	8.10	9.01	6.19	6.54	7.36	7.06	5.03	6.67	6.49	6.51	6.40	77.21
Lee Koh	1.92	1.87	1.58	2.79	1.71	3.16	2.70	0.25	1.23	2.58	2.61	1.29	23.69
Lona	0.08	2.98	3.45	2.71	2.10	1.39	3.06	3.91	8.00	3.05	1.24	8.89	24.86
Patin	0.80	0.44	0.30	0.25	0.01	0.55	0.08	0.54	2.44	0.22	1.02	0.66	7.31
Patin Bawah	0.08	0.00	0.00	0.00	0.00	0.05	0.00	0.06	0.03	0.03	0.03	0.03	0.39
Patin Hancong	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.01	0.00	0.02	0.00	0.08
Patin Perak	0.09	0.11	0.09	0.11	0.10	0.11	0.12	0.00	0.00	0.16	0.19	0.13	1.21
Patin Sungai	0.06	0.07	0.15	0.06	0.05	0.04	0.05	0.00	0.00	0.08	0.06	0.04	0.66
Pucuk Pisang	0.03	0.00	0.00	0.40	0.40	0.30	0.15	0.20	0.26	0.30	0.25	0.25	2.59
Puru	0.00	0.13	0.39	0.06	0.62	0.28	0.39	0.73	0.78	0.27	0.18	0.59	4.42
Sebarau	0.05	0.00	0.00	0.00	0.00	0.00	0.25	0.27	0.53	0.44	0.59	0.40	2.53
Sepat Hongkong	0.43	0.00	0.59	0.00	0.00	0.00	0.00	0.60	0.00	0.07	0.07	0.07	1.83
Sepat Siam	1.06	2.45	6.47	3.67	4.73	3.08	2.63	3.09	2.63	3.76	2.98	3.04	39.59
Tapah	0.48	0.44	0.58	0.32	0.44	0.14	0.31	0.20	0.54	0.18	0.28	0.26	4.17
Tesakang	0.60	1.59	1.04	0.00	0.41	0.40	2.01	1.06	1.60	0.20	2.05	0.38	12.14
Tenggulang	0.07	1.29	3.80	4.93	3.22	2.10	1.11	0.65	0.94	1.40	1.59	1.38	22.48
Terubul	2.51	6.19	0.83	8.15	4.87	3.92	2.51	0.85	0.99	1.18	1.20	0.04	31.64
Tilapia	2.58	5.84	5.91	7.11	8.53	5.84	8.12	7.00	8.89	8.11	7.26	8.11	83.30
Tonon	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.04	0.11	0.23
Udang Galah	6.85	8.21	9.54	7.56	10.94	12.48	11.37	17.15	12.54	13.57	13.34	11.24	134.79
Uleif	0.02	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
Pelbagai	0.01	0.00	3.94	3.57	8.37	3.25	4.10	4.55	4.65	0.63	0.03	0.06	33.24
Kerang	12,916.02	13,204.96	13,309.43	16,531.93	16,374.61	17,404.33	15,997.95	16,924.01	16,349.85	15,924.96	14,583.62	14,058.89	163,580.56
Juniah/Total:	13,005.59	13,344.43	13,416.58	16,652.09	16,501.70	17,523.79	16,116.60	17,046.83	16,469.95	16,039.94	14,698.53	14,191.70	165,008.13

SEMI-MALAYSIA/PENINSULAR MALAYSIA
HARGA BORONG PURATA IKAN AIRTANAH DI PASAR-PASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN, 1984
AVERAGE WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS BY MONTH AND SPECIES, 1984

JADUAL (TABLE) 18.3

Jenis Ikan Species	Bulan/Month												Purata Average
	January	February	March	April	May	June	July	August	September	October	November	December	
	January	February	March	April	May	June	July	August	September	October	November	December	
Baung	3.91	4.72	3.79	4.17	3.98	4.85	3.35	3.21	3.00	2.73	3.88	4.23	3.89
Belida	3.10	0.00	4.87	2.20	4.45	2.80	3.42	6.00	4.50	4.50	3.40	3.40	3.55
Bujuk	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
Haruan	2.26	2.60	2.68	2.74	3.29	2.84	2.90	1.96	2.92	2.86	2.82	2.35	2.69
Jelawat	15.00	0.00	0.00	0.00	14.00	0.00	0.00	20.60	20.62	0.00	8.50	0.00	6.56
Juara	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	6.00	0.00	9.00	2.25
Kaloi	0.00	0.00	2.40	2.30	2.40	3.00	0.00	3.80	0.00	2.80	2.00	0.00	1.56
K. Kepala Besar	1.97	2.17	2.24	2.58	2.77	2.54	2.44	1.95	2.18	2.16	1.93	2.00	2.24
Kap Buntut	3.03	3.04	2.98	3.11	3.33	3.02	2.66	2.30	2.73	3.08	3.00	3.15	2.95
Kap Lumpur	0.00	0.00	0.00	4.50	4.35	3.70	0.00	2.80	0.00	0.00	0.00	0.00	1.28
Kelabau	0.00	0.00	3.50	0.00	3.00	0.00	0.00	2.00	0.00	2.00	5.60	2.80	1.58
Kelah	10.50	15.00	14.00	9.50	6.50	0.00	9.50	11.00	10.50	9.00	12.40	8.23	9.68
Keli	2.05	2.80	2.40	2.97	3.11	3.06	2.80	2.50	2.37	2.60	2.40	2.08	2.60
Kerai	5.00	0.00	6.80	5.10	6.50	7.33	5.75	4.00	8.00	5.00	0.00	6.00	4.96
Kerai Jelawat	7.50	7.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50	0.00	1.86
Ketutu	14.50	5.00	17.37	16.00	13.25	15.17	11.50	19.00	19.50	14.50	12.12	15.25	14.43
L. Sungai	2.69	3.00	2.46	2.45	2.49	3.25	3.25	2.60	1.65	2.53	3.05	2.38	2.65
L. Jawa	2.82	2.72	2.85	2.93	3.40	3.25	3.27	2.50	2.45	3.08	2.81	2.94	2.92
Lee Koh	2.81	3.40	2.80	2.95	3.47	3.33	2.90	3.30	3.01	2.65	3.00	3.33	3.08
Loma	0.00	0.00	1.08	0.00	1.50	1.60	1.60	2.00	0.00	1.60	1.60	1.80	1.07
Patin	7.62	2.70	4.25	4.60	18.00	9.25	12.30	6.33	6.50	3.50	3.00	4.70	6.90
Patin Buah	7.00	0.00	0.00	0.00	6.00	0.00	0.00	7.50	0.00	8.00	0.00	0.00	2.38
Patin Muncong	38.00	0.00	0.00	0.00	24.00	26.00	0.00	0.00	24.00	0.00	0.00	0.00	9.33
Patin Perak	3.75	3.75	3.75	3.75	4.00	3.00	3.50	0.00	0.00	0.00	3.50	3.50	2.71
Patin Sungai	23.00	23.00	15.65	23.00	23.00	23.00	23.00	0.00	0.00	0.00	26.00	27.00	17.22
Pucuk Pisang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Puyu	0.00	0.70	0.70	0.70	2.25	1.60	1.60	1.55	1.20	1.60	1.93	1.50	1.28
Sebarau	0.00	0.00	0.00	0.00	0.00	0.00	1.70	3.40	3.40	3.40	3.40	3.40	1.56
Sepat Ronggeng	1.20	0.00	1.70	0.00	0.00	0.00	0.00	1.60	0.00	1.70	0.00	1.70	0.66
Sepat Sian	1.10	1.88	1.45	1.62	1.62	1.40	1.73	1.35	1.70	2.05	2.33	2.05	1.69
Tapah	3.75	3.00	3.83	3.63	4.17	3.75	3.16	4.30	3.15	4.30	2.55	3.11	3.56
Tesakang	2.30	0.00	2.55	0.00	2.00	2.00	2.80	2.50	2.40	2.40	1.80	1.50	1.85
Tenggalang	7.50	4.72	5.12	5.73	5.20	6.00	2.50	5.10	9.00	0.00	3.50	6.12	5.04
Terubul	1.28	1.43	1.50	1.55	1.70	1.58	1.60	1.00	1.70	1.95	1.60	0.00	1.41
Tilapia	0.98	2.38	1.64	1.90	1.38	1.48	1.67	1.90	1.85	2.05	4.85	7.18	2.44
Tosan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.00	2.50	1.20	1.20	0.62
Udang Galah	11.18	12.87	13.50	13.38	12.17	13.46	14.36	14.25	13.41	14.27	12.39	12.31	13.13
Keleif	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kerang	0.35	0.51	0.49	0.49	0.46	0.52	0.59	0.52	0.52	0.51	0.52	0.52	0.50
Pelbagai	0.00	3.20	4.00	1.20	1.68	1.00	1.00	0.80	1.10	0.00	0.80	0.00	1.23

SEPMENJUNG MALAYSIA/PENINSULAR MALAYSIA

JADUAL (TABLE) 18.1

HAJRA RUNCIT PURATA IKAN AIRTAMAR DI PASAR-PASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN, 1984
 AVERAGE RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS BY MONTH AND SPECIES, 1984

Jenis Ikan Species	Bulan/Month												Purata Average
	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	
Buang	4.50	5.20	4.20	4.81	4.60	5.15	3.96	4.00	4.56	3.18	4.20	4.93	4.44
Belida	3.68	3.00	5.34	2.70	5.00	3.15	4.12	6.54	5.00	4.90	4.02	3.87	4.28
Bujuk	2.65	2.82	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64
Haruan	2.75	3.15	3.20	3.56	4.12	3.63	3.45	2.72	3.55	3.84	3.90	2.95	3.40
Jelawat	20.10	0.00	0.00	0.00	20.40	0.00	0.00	24.00	25.15	25.00	12.40	0.00	21.18
Juara	0.00	6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.90
Kalut	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	7.20	7.20	0.00	9.95	6.84
K.Kepala Besar	2.15	2.85	2.96	3.10	3.12	2.98	3.05	2.70	2.95	2.60	2.15	2.50	6.16
Kap Rempat	3.62	3.35	3.10	4.05	3.70	3.46	2.90	2.85	3.12	3.38	3.50	3.81	4.95
Kap Lumpur	0.00	0.00	0.00	5.16	5.00	5.20	0.00	3.14	0.00	0.00	0.00	0.00	4.63
Kelaban	0.00	0.00	3.80	0.00	3.36	0.00	0.00	2.55	0.00	2.24	5.85	3.10	3.48
Kelah	12.00	16.90	16.20	11.20	8.85	0.00	11.05	13.08	12.15	11.60	13.00	9.86	12.35
Keli	2.36	3.10	2.65	3.15	3.82	4.12	3.26	2.96	2.57	3.05	2.98	2.25	8.58
Kerai	6.15	0.00	7.50	6.12	5.90	6.32	6.57	5.15	9.45	6.30	0.00	6.95	6.64
Kerai Jelawat	8.12	8.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.12	0.00	8.60
Ketutu	15.85	7.18	18.67	18.20	15.02	18.00	13.40	21.10	23.00	18.00	17.60	20.10	20.26
Lampam Sungai	3.24	3.30	2.90	2.90	2.95	3.50	3.50	2.90	2.75	2.70	3.46	2.92	6.42
Lampam Jamb	3.43	3.15	3.15	3.10	3.67	3.60	3.74	3.12	3.00	3.55	3.15	3.30	6.81
Lee Koh	3.33	3.67	3.33	3.42	3.60	3.92	3.60	3.48	3.57	3.00	3.21	3.67	4.76
Lona	0.00	0.00	1.20	0.00	1.84	1.82	1.80	2.16	0.00	2.10	2.18	2.20	1.91
Patin	8.00	3.18	5.19	5.27	18.50	13.02	15.67	12.10	12.10	8.12	8.00	8.10	12.55
Patin Bawah	8.50	0.00	0.00	0.00	7.25	0.00	0.00	8.12	0.00	9.45	0.00	0.00	8.33
Patin Panjang	43.00	0.00	0.00	0.00	32.00	32.00	0.00	0.00	33.30	0.00	0.00	0.00	35.08
Patin Perak	4.80	4.80	4.80	4.80	5.20	4.50	4.67	0.00	0.00	0.00	4.00	4.00	4.62
Patin Sungai	26.90	26.90	20.00	25.40	25.40	25.40	25.90	0.00	0.00	0.00	29.15	29.00	26.01
Pucuk Pisang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Puru	0.00	1.00	1.00	1.00	2.50	2.50	2.10	1.98	1.70	1.80	2.05	1.70	1.76
Sebarau	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.90	4.10	3.85	3.80	3.92	3.91
Sepat Ronggeng	1.46	0.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	2.10	0.00	2.00	2.91
Sepat Sian	1.28	2.12	2.10	2.10	2.10	2.30	2.35	2.10	2.42	2.46	2.67	2.30	6.41
Tapah	4.15	3.96	3.95	4.12	4.50	4.65	4.65	4.86	3.98	4.90	3.10	3.75	4.21
Tenakang	2.50	0.00	2.96	0.00	2.47	2.50	3.46	3.00	3.00	3.17	2.67	2.00	2.77
Tenggaling	8.12	8.10	8.12	7.10	7.10	7.12	8.12	8.00	10.12	0.00	5.00	7.96	7.71
Terubul	1.36	1.65	1.75	1.98	2.11	1.90	1.95	1.45	2.05	2.42	1.88	0.00	1.86
Tilapia	1.10	2.57	1.98	2.32	1.60	1.89	1.80	2.11	2.34	2.50	5.10	7.92	4.48
Tonan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.80	1.30	2.20
Ukang Galah	13.12	14.05	14.55	14.86	14.15	15.00	15.55	15.80	14.23	15.90	14.00	14.10	15.16
Keleif	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Korang	0.79	0.71	0.74	0.69	0.70	0.66	0.69	0.71	0.75	0.69	0.68	0.69	0.71
Pelbagai	0.00	3.40	4.20	1.50	1.85	1.20	1.20	1.00	1.19	0.00	1.20	0.00	1.86

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
 PENGELUARAN BENIH IKAN/UDANG OLEH PUSAT-PUSAT PENGELUARAN PERAJAAN MENGIKUT PUSAT DAN JENIS IKAN, 1984
 (FRESHWATER FINGERLINGS PRODUCTION OF GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 1984)

JADUAL (TABLE) 19.1

Nama Pusat Centre	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Tilapia Nilotika Tilapia Nilotica	Tilapia Merah Red Tilapia	Udang Galah Giant Freshwater Prawn	Kap Kepala Besar Big Head Carp	Lain-Lain Miscellaneous	Jumlah Total
PPI Enggor, Perak	401,926	1,390	9,073	22,251	2,943	0	0	0	437,583
PPI Tapah, Perak	255,677	0	752	46,677	0	0	0	0	303,106
PPI Bukit Tinggi, Pahang	940,163	194,438	750	20,597	2,913	0	0	0	1,158,861
PPI Machang, Kelantan	22,610	1,550	150	6,800	0	0	0	0	31,110
PPI Kong-Kong, Johor	265,748	16,363	4,925	101,780	16,927	0	0	0	405,743
PPI Jitra, Kedah	2,074,252	685,410	10,663	227,753	13,942	0	2,485	0	3,014,505
PPI Kuala Kubu Bharu, Selangor	283,177	0	0	21,032	0	0	0	0	304,209
PPUG Kg. Acheh, Lumut, Perak	0	0	0	0	0	101,104	0	0	101,104
PPUG Pulau Sayak, Kedah	0	0	0	0	0	109,600	0	0	109,600
PPUG Sabak, Kelantan	0	0	0	0	0	342,920	0	0	342,920
PPUG Port Dickson, N. Sembilan	0	0	0	0	0	37,550	0	0	37,550
IPP Pulau Pinang	0	0	0	0	0	459,796	0	0	459,796
Tg. Demong	0	0	0	0	0	26,700			26,700
Jumlah/Total:	4,243,553	899,151	26,313	446,890	36,725	1,077,670	2,485	0	6,732,787

Nota/Notes:

PPI - Pusat Pembaikbiak Ikan/Fish Breeding Station
 PPUG- Pusat Penetasan Udang Galah/Prawn Hatchery Station
 IPP - Institut Penyelidikan Perikanan/Fisheries Research Institute

JADUAL (TABLE) 19.2

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 PEMBAHAGIAN BENIH-BENIH IKAN AIRTAWAR KEPADA PENTERNAK MENGIKUT NEGERI DAN JENIS IKAN, 1984
 DISTRIBUTION OF FRESHWATER FRY TO CULTURISTS BY STATE AND SPECIES, 1984

Jenis-Jenis Benih Yang Diberi Kepada Penternak/Species Of Freshwater Fry Distributed To Culturists									
Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Tilapia Nilotika Tilapia Nilotica	Tilapia Merah Red Tilapia	Udang Galah Giant Freshwater Prawn	Kap Kepala Besar Big Head Carp	Lain-Lain Miscellaneous	Jumlah Total
Perlis	805	650	0	1,065	0	0	0	0	2,520
Kedah	98,978	74,333	4,113	42,357	890	0	2,365	0	223,036
P.Pinang/ Penang	7,015	1,250	500	6,495	780	0	120	0	16,160
Perak	211,260	14,335	9,595	63,173	1,193	0	0	0	299,556
Selangor	239,823	42,272	0	20,232	2,300	0	0	0	304,627
N.Persekutuan/ F.Territory	15,135	2,115	0	2,300	0	0	0	0	19,550
N. Sembilan	392,026	45,896	0	4,655	0	3,500	0	0	446,077
Melaka/Malacca	240,603	6,544	0	7,415	0	0	0	0	254,562
Johor/Johore	249,794	9,053	0	62,765	5,022	0	0	0	326,634
Pahang	696,582	345,064	200	11,787	0	0	0	0	1,053,633
Terengganu	330,860	24,090	2,900	31,890	0	0	0	0	389,740
Kelantan	215,625	57,688	200	9,150	300	0	0	0	282,963
Jumlah/Total:	2,698,506	623,290	17,508	263,284	10,485	3,500	2,485	0	3,619,058

JADUAL (TABLE) 19.3

SENEANJUNG MALAYSIA/PENINSULAR MALAYSIA
 PENBAHAGIAN BENIH-BENIH IKAN UNTUK KEGUNAAN PELBAGAI DAN PELEPASAN KE PERAIRAN UMUM MENGIKUT NEGERI DAN JENIS, 1984
 DISTRIBUTION OF FRESHWATER FRY FOR MISCELLANEOUS PURPOSES AND RELEASED INTO PUBLIC WATERBODIES BY STATE AND SPECIES, 1984

Negeri State	Kegunaan Pelbagai/Miscellaneous Purposes							Pelepasan Ke Perairan Umum/Released Into Public Waterbodies							Jumlah Besar Grand Total
	Lampam Jawa	Lee Koh	Sepat Siam	Tilapia Nilotika	Tilapia Merah	Lain-Lain	Jumlah	Lampam Jawa	Lee Koh	Sepat Siam	Tilapia Nilotika	Tilapia Merah	Jumlah		
	Javanese Carp	Common Carp	Snakeskin Gouramy	Tilapia Nilotica	Red Tilapia	Miscellaneous	Total	Javanese Carp	Common Carp	Snakeskin Gouramy	Tilapia Nilotica	Red Tilapia	Total		
Perlis	15	115	0	50	15	0	195	45,000	32,000	0	11,500	0	88,500	88,695	
Kedah	580	470	50	460	0	0	1,560	623,250	155,500	0	106,100	0	884,850	886,410	
P. Pinang/ Penang	0	100	0	10,600	0	0	10,700	0	0	0	0	0	0	10,700	
Perak	1,515	210	0	445	50	0	2,220	288,400	0	0	0	0	288,400	290,620	
Selangor	31,524	2,900	0	4,100	0	24	38,548	20,230	0	0	0	0	20,230	58,778	
M. Persekutuan/ F. Territory	1,220	780	0	0	0	0	2,000	0	0	0	4,000	0	4,000	6,000	
M. Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Malaka/Malacca	0	0	0	2,000	0	0	2,000	0	0	0	0	0	0	2,000	
Johor/Johore	4,400	3,375	0	1,250	775	0	9,800	0	0	0	0	0	0	9,800	
Pahang	3,160	0	0	2,600	0	0	5,760	0	0	0	0	0	0	5,760	
Terengganu	0	0	0	0	0	0	0	33,400	0	0	0	0	33,400	33,400	
Kelantan	750	0	0	50	0	0	800	6,000	6,000	0	0	0	12,000	12,800	
Jumlah/Total:	43,164	7,950	50	21,555	840	24	73,583	1,016,280	193,500	0	121,600	0	1,331,380	1,404,963	

JADUAL (TABLE) 20.1

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 BILANGAN PUSAT PENETASAN IKAN/UDANG SWASTA DAN PENGELUARANNYA MENGIKUT NEGERI DAN JENIS, 1984
 NUMBER OF PRIVATE HATCHERIES AND THEIR FRY PRODUCTION BY STATE AND SPECIES, 1984

Jenis Ikan Species	Lee Koh Common Carp		Udang Harimau Tiger Prawn		Udang Galah Giant Freshwater Prawn		Jumlah Total	
Negeri State	Bilangan Pusat Penetasan No. Of Hatcheries	Bilangan Pengeluaran No. Of Fry Production	Bilangan Pusat Penetasan No. Of Hatcheries	Bilangan Pengeluaran No. of Fry Production	Bilangan Pusat Penetasan No. Of Hatcheries	Bilangan Pengeluaran No. of Fry Production	Bilangan Pusat Penetasan No. Of Hatcheries	Bilangan Pengeluaran No. of Fry Production
Perlis	0	0	0	0	0	0	0	0
Kedah	0	0	1	2,000,000	0	0	1	2,000,000
P.Pinang/ Penang	0	0	0	0	0	0	0	0
Perak	1	150,000	0	0	0	0	1	150,000
Selangor	2	500,000	1	3,000,000	0	0	3	3,500,000
W.Persekutuan/ F.Territory	2	100,000	0	0	0	0	2	100,000
N. Sembilan	0	0	0	0	0	0	0	0
Melaka/Malacca	0	0	0	0	0	0	0	0
Johor/Johore	0	0	4	10,000,000	0	0	4	10,000,000
Pahang	0	0	0	0	0	0	0	0
Terengganu	0	0	0	0	0	0	0	0
Kelantan	0	0	0	0	0	0	0	0
Jumlah/Total:	5	750,000	6	15,000,000	0	0	11	15,750,000

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN PUSAT-PUSAT SEMAIAN SWASTA DAN PENGELUARAN BENIH
MENGIKUT NEGERI DAN JENIS IKAN 1984
NUMBER OF PRIVATE NURSERIES AND THEIR FRY PRODUCTION BY STATE AND SPECIES, 1984

JADUAL (TABLE) 20.2

Negeri	Bilangan Pusat Semaian	Jenis Ikan/Species									
		Siakap	Kerapu	Kap Ruangput	Kap Kepala Besar	Kap Lumpur	Jelawat	Tilapia	Ketutu	Patin	Jumlah
Perlis	0	0	0	0	0	0	0	0	0	0	0
Kedah	1	5,000	5,000	0	0	0	0	0	0	0	10,000
P. Pinang/ Penang	4	23,000	20,000	0	0	0	0	0	0	0	43,000
Perak	5	0	0	72,000	72,000	5,000	20,000	250,000	8,000	30,000	457,000
Selangor	5	0	0	200,000	200,000	0	10,000	50,000	10,000	40,000	510,000
W. Persekutuan/ F. Territory	4	0	0	200,000	200,000	5,000	0	0	0	0	405,000
N. Sembilan	0	0	0	0	0	0	0	0	0	0	0
Melaka/Malacca	2	5,000	0	20,000	20,000	0	2,000	100,000	4,000	70,000	221,000
Johor/Johore	0	0	0	0	0	0	0	0	0	0	0
Pahang	0	0	0	0	0	0	0	0	0	0	0
Terengganu	0	0	0	0	0	0	0	0	0	0	0
Kelantan	0	0	0	0	0	0	0	0	0	0	0
Jumlah	21	33,000	25,000	492,000	492,000	10,000	32,000	400,000	22,000	140,000	1,646,000

BILANGAN DAN KELUASAN KOLAM-KOLAM IKAN AIRTAWAR DI SABAH.
DISTRIBUTION OF FRESHWATER FISH PONDS IN SABAH
1970-1984

JADUAL (TABLE) 20.3

	West Coast & Kudat		Sandakan		Tawau		Labuan & Interior		Jumlah Total	
Tahun Year	Bilangan Kolam No. of Ponds	Keluasan (Hektar) Area (Hectare)	Bilangan Kolam No. of Ponds	Keluasan (Hektar) Area (Hectare)	Bilangan Kolam No. of Ponds	Keluasan (Hektar) Area (Hectare)	Bilangan Kolam No. of Ponds	Keluasan (Hektar) Area (Hectare)	Bilangan Kolam No. of Ponds	Keluasan (Hektar) Area (Hectare)
1970 & Before	932	77.16	73	5.47	68	13.66	740	42.87	1,813	139.16
1971	208	28.32	26	1.60	0	0.00	30	4.45	264	34.37
1972	163	21.34	3	0.14	0	0.00	38	7.01	204	28.49
1973	138	17.94	30	2.45	0	1.62	65	6.75	241	28.76
1974	80	8.64	16	18.69	2	0.05	15	2.01	113	29.39
1975	105	11.81	24	2.54	16	10.95	19	6.33	164	31.63
1976	246	36.44	38	3.46	12	1.87	41	9.01	337	50.78
1977	161	20.79	33	3.14	8	1.66	58	6.27	260	31.86
1978	195	39.84	0	0.00	8	1.14	33	3.35	236	44.33
1979	149	25.46	21	6.03	1	0.32	58	3.44	229	35.25
1980	178	23.24	27	4.56	5	0.22	29	2.19	239	30.21
1981	131	16.10	38	3.39	10	1.88	112	11.29	291	32.66
1982	187	23.56	7	5.12	2	0.23	38	4.87	234	33.78
1983	139	15.33	13	2.89	14	2.77	107	9.76	273	30.75
1984	67	7.89	3	1.69	12	10.39	232	20.76	314	40.73
JUMLAH TOTAL	3079	373.86	352	61.17	166	46.76	1,615	140.36	5,212	622.15

SEMIANJUNG MALAYSIA/PENINSULAR MALAYSIA
 IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1984
 IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1984
 (Value in Malaysian Ringgit)

S.I.T.C. Commodity Code	Description of Commodity	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
FISH, FRESH, CHILLED OR FROZEN (excluding fillets)						
03411000	Fish fry, alive	1000	7,960.07	1,085,637.00	553.34	112,134.00
03412000	Fish for aquaria	100	94,937.88	4,078,730.00	27,399.78	376,637.00
03413100	Tuna, fresh or chilled	Tonne	0.36	11,044.00	36.79	142,930.00
03413200	Sauries, fresh or chilled	Tonne	0.00	0.00	0.00	0.00
03413900	Other marine fish, fresh or chilled	Tonne	101,858.88	72,621,470.00	40,362.11	16,124,070.00
03414000	Freshwater fish, fresh or chilled	Tonne	119.80	754,963.00	49.10	92,093.00
03430000	Fish fillets, fresh or chilled	Tonne	125.37	86,694.00	1.93	8,700.00
03421100	Tuna, frozen	Tonne	523.29	1,038,788.00	4.94	13,572.00
03421200	Sauries, frozen	Tonne	1.66	10,247.00	0.00	0.00
03421900	Other marine fish, frozen	Tonne	5,660.04	14,760,141.00	3,939.51	3,839,864.00
03422000	Freshwater fish, frozen	Tonne	8.39	86,728.00	4.20	1,780.00
03440000	Fish fillets, frozen	Tonne	100.90	588,903.00	0.67	3,738.00
TOTAL			108,398.69	95,123,345.00	44,399.25	20,715,518.00
FISH, DRIED, SALTED, IN BRINE OR SMOKED						
03501000	Fish meal fit for human consumption	Tonne	4.24	39,837.00	2.92	2,845.00
03502000	Cod, not in fillets, dried, whether or not salted	Tonne	0.51	2,447.00	48.67	138,105.00
03503100	Fishmaws, dried, salted or in brine	Tonne	22.46	225,081.00	5.30	40,835.00
03503200	Sharks' fins, dried, salted or in brine	Tonne	246.03	2,752,884.00	7.55	146,293.00
03503910	Marine fish, dried, salted or in brine	Tonne	4,231.14	4,810,954.00	2,763.07	4,881,968.00
03503920	Freshwater fish, dried, salted or in brine	Tonne	21.97	12,577.00	72.25	208,724.00
03504100	Smoked salmon	Tonne	4.04	147,720.00	0.02	200.00
03504900	Other smoked fish	Tonne	4.85	59,422.00	292.69	1,087,356.00
TOTAL			4,535.24	8,050,922.00	3,192.47	6,506,326.00

SEMANAJUNG MALAYSIA/PENINSULAR MALAYSIA
 IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1984
 IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1984
 (Value in Malaysian Ringgit)

S.I.T.C. Commodity Code	Description of Commodity	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
CRUSTACEANS AND MOLLUSCS, FRESH, CHILLED, FROZEN, DRIED, SALTED, IN BRINE OR SIMPLY BOILED						
03601100	Prawns, fresh, chilled	Tonne	10,986.66	7,617,088.00	12,858.20	7,552,866.00
03601200	Prawns, fresh, frozen	Tonne	2,849.80	10,410,466.00	683.82	14,897,823.00
03601300	Prawns, salted, in brine, dried or simply boiled	Tonne	958.15	2,447,499.00	224.06	586,553.00
03601900	Other prawns	Tonne	134.65	527,997.00	689.85	2,399,664.00
03602100	Other crustaceans, fresh chilled or frozen	Tonne	1,986.79	2,708,876.00	340.10	294,917.00
03602800	Other crustaceans, salted, in brine, dried or simply boiled	Tonne	15.36	168,384.00	31.51	57,571.00
03602900	Other crustaceans, n.e.s.	Tonne	154.65	536,749.00	80.88	294,445.00
03603000	Oysters	Tonne	131.99	1,003,032.00	26.87	30,490.00
03604100	Other molluscs, fresh, chilled or frozen	Tonne	2,241.02	3,708,122.00	14,622.96	10,749,956.00
03604800	Other molluscs, salted, in brine, dried or simply boiled	Tonne	1,306.49	5,256,949.00	932.34	3,518,693.00
03604900	Other molluscs, n.e.s.	Tonne	83.76	215,808.00	10,716.28	3,372,549.00
01189100	Beche-de-mer (trepang), fresh, chilled or frozen	Tonne	8.76	48,103.00	0.00	0.00
01290200	Beche-de-mer (trepang), salted, in brine, dried or smoked	Tonne	843.61	2,424,013.00	3.36	16,107.00
TOTAL			21,701.69	37,073,086.00	41,210.23	43,771,634.00
PREPARED OR PRESERVED FISH In airtight containers:						
03711100	Sardines	Tonne	12,798.45	29,801,277.00	402.37	1,045,429.00
03711200	Herrings and brislings	Tonne	0.91	8,844.00	0.64	3,108.00
03711300	Pilcards	Tonne	1.59	4,116.00	1.13	4,753.00
03711400	Salmon	Tonne	15.24	47,457.00	4.48	18,974.00
03711500	Sauries	Tonne	0.02	236.00	57.76	258,559.00
03711600	Tuna	Tonne	728.02	3,516,665.00	2,957.03	16,619,052.00
03711700	Horse mackerels	Tonne	4,538.37	12,105,391.00	341.72	651,330.00
03711900	Other	Tonne	398.21	1,496,796.00	2,493.22	7,891,362.00
TOTAL			18,480.81	46,980,782.00	6,258.35	26,492,567.00

JADUAL (TABLE) 21.1 (samb.) (cont.)

In other than airtight containers:

03719100	Sharks' fins	Tonne	0.23	6,535.00	3.67	61,936.00
03719200	Fish paste and similar preparations	Tonne	795.76	1,424,808.00	49.82	105,808.00
03719300	Fish, boiled or steamed	Tonne	4.05	9,936.00	15.11	78,679.00
03719900	Other	Tonne	160.47	792,411.00	600.49	1,692,602.00
			960.51	2,233,690.00	669.09	1,939,025.00

PREPARED OR PRESERVED
CRUSTACEANS AND MOLLUSCS
In airtight containers:

03721100	Abalone	Tonne	74.64	1,079,432.00	12.87	71,928.00
03721200	Prawns and shrimps	Tonne	1,075.09	3,838,794.00	2,087.66	11,078,304.00
03721300	Crabs	Tonne	1,270.42	4,368,937.00	1,109.96	14,525,486.00
03721400	Cuttlefish	Tonne	3,013.17	2,464,656.00	1,123.01	2,674,942.00
03721900	Other	Tonne	140.98	555,722.00	2,603.31	7,691,241.00
TOTAL			5,574.30	12,307,541.00	6,936.81	36,041,901.00

03722000	In other than airtight containers	Tonne	691.43	4,266,432.00	4,342.50	46,030,434.00
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FATS AND OILS OF FISH
AND MARINE MAMMALS

41111000	Fish liver oil	Tonne	610.68	1,010,080.00	2.93	18,128.00
41112000	Other fish oils and fats	Tonne	879.04	1,335,350.00	0.04	70.00
41113000	Oils and fats of marine mammals	Tonne	0.16	1,036.00	0.00	0.00
TOTAL			1,489.88	2,346,466.00	2.97	18,198.00

FLOURS AND MEALS, OF FISH,
CRUSTACEANS OR MOLLUSCS
UNFIT FOR HUMAN CONSUMPTION

08142100	Fish meal	Tonne	52,102.73	48,536,135.00	2,249.99	620,939.00
08142200	Prawn dust	Tonne	178.53	35,601.00	78.98	24,095.00
08142900	Other	Tonne	215.48	669,053.00	8,321.29	358,486.00
TOTAL			52,496.74	49,240,789.00	10,650.26	1,003,520.00

JADUAL (TABLE) 21.7 (samb.) (cont.)
 SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1984
 IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1984
 (Value in Malaysian Ringgit)

S.I.T.C. Commodity Code	Description of Commodity	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
MISCELLANEOUS						
09805920	Soups and broths in liquid, solid or powder form of fish, crustaceans and molluscs	Tonne	12.82	42,447.00	37.00	242,691.00
09801920	Homogenised composite food preparations of fish, crustaceans and molluscs	Tonne	0.08	643.00	11.06	46,119.00
09808100	Turtles' eggs	100	25.00	500.00	2.00	80.00
29194000	Fish waste	Tonne	9.77	9,684.00	22.25	2,418.00
29115000	Coral etc. unworked	Tonne	20.10	11,041.00	65.44	25,962.00
29197000	Natural sponges	Tonne	4.96	82,279.00	0.76	5,980.00
29199100	Products of fish, crustaceans and molluscs, n.e.s. unfit for human consumption	Tonne	325.40	114,988.00	197.97	240,526.00
09804910	Belacan	Tonne	1,827.81	377,687.00	9,072.78	3,174,151.00
27110100	Crude fish fertilizers	Tonne	0.20	715.00	44.70	6,541.00
59223400	Fish glues	Tonne	0.08	703.00	0.04	126.00
66710100	Cultured pearls, not mounted, set or strung	Value	0.00	275,892.00	0.00	147,239.00
66710900	Other pearls, unworked or worked, but not mounted, set or strung	Value	0.00	454,369.00	0.00	0.00
29298100	Sea-weed products	Tonne	88.22	644,719.00	7.62	37,663.00
29292200	Sea-grass	Tonne	91.22	58,899.00	0.00	0.00
TOTAL			2,380.66	2,074,566.00	9,459.62	3,929,496.00
GRAND TOTAL			216,709.95	259,697,619.00	127,121.55	186,448,619.00

Note: 1) All import values are in \$CIF and all export values are in \$FDB
 2) n.e.s. - not elsewhere stated

SEMIJAWA MALAYSIA/PENINSULAR MALAYSIA
SIRI TAMBAHAN IMPORT BARANGAN PERIKANAN MENGIKUT JENIS, KUANTITI DAN NILAI
(ANNUAL SERIES OF FISHERY COMMODITIES IMPORT BY TYPE, QUANTITY AND VALUE)
(Quantity in Tonnes and Value in Malaysian Dollars)

JADUAL (TABLE) 22.1

Description of Commodity	1980		1981		1982		1983		1984	
	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$
Fish, Fresh, Chilled or Frozen (excluding fillets)	50,977.30	34,226,709.00	62,603.31	39,335,245.00	76,877.53	59,237,883.00	72,166.47	68,073,273.00	100,398.69	95,123,345.00
Fish, Dried, Salted, in Brine or Smoked	3,429.65	5,710,157.00	4,859.79	8,559,758.00	6,324.12	10,175,270.00	5,040.50	9,267,247.00	4,535.24	8,050,922.00
Crustaceans and Molluscs, Fresh, Chilled, Frozen, Dried, Salted, in Brine or Simply Boiled	31,264.63	23,792,368.00	30,249.74	43,261,195.00	25,554.82	47,240,638.00	24,779.04	48,048,872.00	21,701.69	37,073,086.00
Prepared or Preserved Fish in Airtight Containers	21,053.66	44,259,738.00	15,198.08	42,388,274.00	16,344.77	44,516,136.00	16,913.64	41,803,575.00	18,480.81	46,980,782.00
Prepared or Preserved Fish not in Airtight Containers	69.87	316,537.00	160.04	457,644.00	354.39	806,588.00	640.43	1,554,610.00	960.51	2,233,690.00
Prepared or Preserved Crustaceans and Molluscs in Airtight Containers	572.98	2,887,148.00	590.44	3,478,795.00	1,888.07	10,675,577.00	2,660.58	14,842,467.00	5,574.30	12,307,541.00
Prepared or Preserved Crustaceans and Molluscs not in Airtight Containers	1,390.57	3,274,060.00	1,269.81	4,798,649.00	992.57	1,639,627.00	1,064.52	2,365,899.00	691.43	4,266,432.00
Fats and Oils, of Fish and Marine Mammals	174.10	129,021.00	32.60	69,768.00	256.67	532,235.00	449.37	848,058.00	1,489.88	2,346,466.00
Flours and Meals, of Fish, Crustaceans or Molluscs Unfit For Human Consumption	30,224.24	14,722,973.00	26,364.94	12,161,396.00	38,861.84	20,812,057.00	35,871.53	17,656,321.00	52,496.74	49,240,789.00
Miscellaneous	662.46	899,511.00	518.89	869,625.00	1,836.40	1,138,481.00	2,464.17	1,427,681.00	2,380.66	2,074,566.00
TOTAL	139,819.46	130,218,222.00	141,847.64	155,380,349.00	169,291.18	196,774,492.00	162,050.25	1205,888,003.00	216,709.95	1259,697,619.00

SEREMBANG MALAYSIA/PENINSULAR MALAYSIA
SIRI TAJARAN EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS, KUANTITI DAN NILAI
(ANNUAL SERIES OF FISHERY COMMODITIES EXPORT BY TYPE, QUANTITY AND VALUE)
(Quantity in Tonnes and Value in Malaysian Ringgit)

JADUAL (TABLE) 23.1

Description of Commodity	1980		1981		1982		1983		1984	
	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$
Fish, Fresh, Chilled or Frozen (excluding fillets)	30,242.65	18,820,692.00	34,180.78	21,387,069.00	48,612.02	23,779,512.00	27,516.47	17,416,300.00	44,399.25	20,715,518.00
Fish, Bried, Salted, in Brine or Smoked	4,512.97	7,347,854.00	6,043.05	8,095,520.00	9,738.43	7,953,849.00	4,891.01	7,003,350.00	3,192.47	6,506,326.00
Crustaceans and Molluscs, Fresh, Chilled, Frozen, Bried, Salted, in Brine or Simply Boiled	59,208.95	103,967,895.00	41,805.20	65,045,246.00	34,556.17	64,431,802.00	41,490.82	86,971,036.00	41,210.23	43,771,634.00
Prepared or Preserved Fish in Airtight Containers	7,769.92	33,330,673.00	9,074.01	36,096,974.00	6,378.34	28,545,646.00	6,699.36	30,714,464.00	6,258.35	26,492,567.00
Prepared or Preserved Fish not in Airtight Containers	321.25	575,916.00	335.40	707,477.00	365.99	949,059.00	450.63	1,083,352.00	669.09	1,939,025.00
Prepared or Preserved Crustaceans and Molluscs in Airtight Containers	4,537.31	20,885,774.00	5,214.92	18,974,416.00	3,790.11	21,352,200.00	5,323.11	31,536,137.00	6,936.81	36,041,901.00
Prepared or Preserved Crustaceans and Molluscs not in Airtight Containers	6,953.51	54,787,979.00	11,605.50	100,714,854.00	8,100.84	74,366,745.00	7,101.61	63,180,796.00	4,342.50	46,830,434.00
Fats and Oils, of Fish and Marine Mammals	0.91	2,416.00	3.87	9,915.00	5.34	14,491.00	1.96	6,310.00	2.97	18,198.00
Flours and Meals, of Fish, Crustaceans or Molluscs Unfit For Human Consumption	2,231.84	580,919.00	2,160.26	605,775.00	11,881.60	775,203.00	13,467.05	1,367,479.00	10,650.26	1,003,528.00
Miscellaneous	19,426.80	3,063,662.00	13,007.08	2,876,355.00	8,390.62	2,707,819.00	10,393.13	3,532,173.00	9,459.62	3,929,496.00
TOTAL	115,206.11	243,362,980.00	123,430.07	254,513,601.00	131,819.46	224,876,326.00	117,335.15	242,811,397.00	127,121.55	186,448,619.00

NEGERI SARAWAK JADUAL (TABLE) 24.17 - (samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Tuna, frozen	Tonnes				
Peninsular Malaysia		0.00	0.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.01	281.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.00	0.00	0.00	0.00
TOTAL		0.01	281.00	0.00	0.00
Marine fish, fresh, frozen	Tonnes				
Peninsular Malaysia		1,991.40	3,255,744.00	8.36	19,306.00
Sabah		1.19	7,424.00	0.00	0.00
Brunei		0.00	0.00	33.57	82,234.00
Singapore		358.97	1,078,554.00	44.19	158,329.00
Indonesia		74.12	326,224.00	0.00	0.00
Thailand		275.64	613,908.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		28.64	109,279.00	0.00	0.00
Australia		0.19	1,357.00	0.00	0.00
Taiwan		51.33	207,268.00	0.00	0.00
U.S.A.		1.02	1,552.00	0.00	0.00
Others		62.36	284,324.00	0.00	0.00
TOTAL		2,844.88	5,885,834.00	86.12	259,869.00
Fish fillets, fresh or chilled	Tonnes				
Peninsular Malaysia		1.13	3,375.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.26	959.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.05	350.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.20	1,077.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.01	248.00	0.00	0.00
Others		0.06	486.00	0.00	0.00
TOTAL		1.71	6,495.00	0.00	0.00

NEGERI SARAWAK JADUAL (TABLE) 24.1 - (samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Fish fillets, frozen	Tonnes				
Peninsular Malaysia		0.00	0.00	0.20	3,500.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	1.51	4,768.00
Singapore		50.06	130,901.00	6.11	21,871.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		1.35	7,384.00	0.00	0.00
Australia		0.12	1,386.00	0.00	0.00
Taiwan		0.01	35.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		14.51	121,417.00	0.00	0.00
TOTAL		66.05	261,123.00	7.82	30,139.00
Cod not in fillets, dried whether or not salted	Tonnes				
Peninsular Malaysia		3.68	15,375.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.02	140.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.01	165.00	0.00	0.00
Australia		0.07	430.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.66	4,284.00	0.00	0.00
TOTAL		4.44	20,394.00	0.00	0.00
Fishmaws salted, dried or in brine	Tonnes				
Peninsular Malaysia		2.90	24,622.00	0.00	0.00
Sabah		0.00	0.00	0.02	450.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.12	1,556.00	0.00	0.00
Indonesia		0.01	77.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.41	6,375.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.30	1,200.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.55	3,483.00	0.00	0.00
TOTAL		4.29	37,313.00	0.02	450.00

NEGERI SARAWAK JADUAL (TABLE) 24.1-(saab.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Saab.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Sharks' fins, salted, dried or in brine	Tonnes				
Peninsular Malaysia		1.83	57,222.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		1.89	34,537.00	0.00	0.00
Indonesia		4.06	30,471.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.06	600.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.01	210.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		13.14	93,675.00	0.00	0.00
TOTAL		20.99	216,715.00	0.00	0.00
Marine fish, salted, dried or in brine	Tonnes				
Peninsular Malaysia		1,009.93	13,773,691.00	24.14	81,308.00
Sabah		315.67	12,324,504.00	0.00	0.00
Brunei		0.00	0.00	3.25	7,929.00
Singapore		222.48	966,136.00	2.59	5,326.00
Indonesia		14.91	48,456.00	0.00	0.00
Thailand		2.02	4,538.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		8.40	38,336.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.98	4,451.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		7.08	22,394.00	0.00	0.00
TOTAL		1,581.47	17,182,506.00	29.98	94,563.00
Smoked salmon	Tonnes				
Peninsular Malaysia		0.00	0.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.00	11.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	67.00	0.00	0.00
Australia		0.03	801.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.02	674.00	0.00	0.00
Others		0.10	4,281.00	0.00	0.00
TOTAL		0.15	5,823.00	0.00	11.00

NEGERI SARAWAK JADUAL (TABLE) 24.1 (samb.)(cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Fish smoked except salmon	Tonnes				
Peninsular Malaysia		16.58	98,635.00	0.46	5,641.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.12	360.00
Singapore		0.00	0.00	0.00	0.00
Indonesia		0.42	1,728.00	0.00	0.00
Thailand		1.70	7,500.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	66.00	0.00	0.00
Australia		0.02	249.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.02	112.00	0.00	0.00
Others		0.01	202.00	0.00	0.00
TOTAL		18.75	108,492.00	0.58	6,001.00
Prawn, fresh, chilled	Tonnes				
Peninsular Malaysia		0.00	0.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.90	2,589.00
Singapore		0.18	810.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	0.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.00	0.00	0.00	0.00
TOTAL		0.18	810.00	0.90	2,589.00
Prawn, fresh, frozen	Tonnes				
Peninsular Malaysia		0.42	2,811.00	47.74	271,600.00
Sabah		0.70	3,091.00	0.00	0.00
Brunei		0.00	0.00	0.50	1,250.00
Singapore		0.62	2,592.00	15.48	171,677.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	0.00	810.56	8,352,985.00
Australia		0.00	0.00	28.84	443,822.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	234.13	2,029,898.00
Others		0.00	0.00	22.69	327,997.00
TOTAL		1.74	8,494.00	1,159.94	11,599,219.00

NEGERI SARAWAK JADUAL (TABLE) 24.1 - (Samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Prawn, salted, dried or simply boiled	Tonnes				
Peninsular Malaysia		29.72	227,336.00	0.50	5,792.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	3.37	19,190.00
Singapore		1.36	7,287.00	24.81	89,252.00
Indonesia		2.00	3,398.00	0.00	0.00
Thailand		2.87	17,409.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	0.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.25	1,436.00	0.00	10.00
TOTAL		36.20	256,866.00	28.68	114,244.00
Other prawns n.e.s.	Tonnes				
Peninsular Malaysia		0.04	262.00	0.00	0.00
Sabah		32.03	403,672.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	14.61	142,638.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	0.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.25	4,800.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.00	0.00	0.00	0.00
TOTAL		32.07	403,934.00	14.86	147,438.00
Crabs, lobsters, prawns etc. fresh, chilled or frozen	Tonnes				
Peninsular Malaysia		5.66	25,039.00	0.00	0.00
Sabah		1.93	10,238.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.93	4,225.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		2.87	12,329.00	0.00	0.00
Australia		0.77	4,078.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.00	0.00	0.00	0.00
TOTAL		12.16	55,909.00	0.00	0.00

NEGERI SARAWAK JADUAL (TABLE) 24.1. (samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Crabs, lobsters, prawns etc. salted, dried or simply boiled	Tonnes				
Peninsular Malaysia		0.54	2,906.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.04	312.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.42	1,828.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.07	320.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		1.26	7,147.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.72	3,820.00	0.00	0.00
TOTAL		3.05	16,333.00	0.00	0.00
Other crustaceans n.e.s.	Tonnes				
Peninsular Malaysia		3.97	15,488.00	0.00	0.00
Sabah		82.75	336,876.00	0.00	0.00
Brunei		0.00	0.00	0.12	250.00
Singapore		0.04	160.00	0.00	0.00
Indonesia		5.76	11,520.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.08	700.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.75	6,132.00	0.00	0.00
TOTAL		93.35	370,876.00	0.12	250.00
Oysters fresh	Tonnes				
Peninsular Malaysia		0.16	1,190.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	60.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.18	406.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.39	2,141.00	0.00	0.00
Australia		0.24	3,795.00	0.00	0.00
Taiwan		0.65	2,843.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		1.04	4,552.00	0.00	0.00
TOTAL		2.66	14,994.00	0.00	0.00

NEGERI SARAWAK JADUAL (TABLE) 24.1-(samb.)(cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Other molluscs, fresh, chilled or frozen	Tonnes				
Peninsular Malaysia		32.98	78,180.00	0.00	0.00
Sabah		1.14	6,270.00	0.00	0.00
Brunei		0.00	0.00	3.22	5,027.00
Singapore		2.38	8,803.00	0.00	11.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.15	380.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.49	1,950.00	0.00	0.00
Australia		1.41	5,386.00	0.00	0.00
Taiwan		0.13	526.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		4.11	19,099.00	0.00	0.00
TOTAL		42.79	120,594.00	3.22	5,038.00
Other molluscs, salted, dried or simply boiled	Tonnes				
Peninsular Malaysia		22.83	159,107.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.37	350.00
Singapore		1.69	7,153.00	0.00	0.00
Indonesia		0.92	4,577.00	0.00	0.00
Thailand		8.20	64,708.00	0.00	0.00
China		10.90	58,361.00	0.00	0.00
Japan		1.51	12,389.00	0.00	0.00
Australia		0.04	270.00	0.00	0.00
Taiwan		4.23	23,136.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		24.04	139,794.00	0.00	0.00
TOTAL		74.36	469,495.00	0.37	350.00
Other molluscs n.e.s.	Tonnes				
Peninsular Malaysia		556.93	923,658.00	0.00	0.00
Sabah		0.16	672.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.02	153.00	0.00	0.00
Indonesia		0.61	1,234.00	0.00	0.00
Thailand		0.18	368.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	0.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.34	1,470.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.10	544.00	0.00	0.00
TOTAL		558.34	928,099.00	0.00	0.00

NEGERI SARAWAK JADUAL (TABLE) 24.1 -(samb.)(cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Other edible products of animal origin n.e.s. (incl. jelly fish)	Tonnes				
Peninsular Malaysia		0.00	0.00	116.29	629,331.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.28	770.00
Singapore		0.00	0.00	26.54	166,448.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	0.00	503.28	3,527,641.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.00	0.00	3.00	21,373.00
TOTAL		0.00	0.00	649.39	4,345,563.00
Sardine canned	Tonnes				
Peninsular Malaysia		0.05	144.00	0.00	0.00
Sabah		0.00	0.00	0.51	3,315.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.06	530.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.08	230.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.29	1,488.00	0.00	0.00
Others		15.24	79,719.00	0.00	0.00
TOTAL		15.66	81,581.00	0.57	3,845.00
Herring and brisling canned	Tonnes				
Peninsular Malaysia		0.00	0.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.02	162.00	0.00	0.00
Australia		0.01	252.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.00	23.00	0.00	0.00
TOTAL		0.03	437.00	0.00	0.00

NEGERI SARAWAK JADUAL (TABLE) 24.1 - (samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Salmon canned	Tonnes				
Peninsular Malaysia		0.00	6.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.20	2,242.00	0.00	0.00
Australia		0.08	651.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.22	1,950.00	0.00	0.00
Others		0.22	2,697.00	0.00	0.00
TOTAL		0.72	7,546.00	0.00	0.00
Sauries Canned	Tonnes				
Peninsular Malaysia		0.01	48.00	0.00	0.00
Sabah		0.00	0.00	12.00	29,972.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	6,240.00	0.00	0.00
Japan		2.61	0.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.16	806.00	0.00	0.00
TOTAL		2.78	7,094.00	12.00	29,972.00
Tuna canned	Tonnes				
Peninsular Malaysia		2.72	14,821.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.00	0.00
Indonesia		0.21	1,882.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		1.64	11,663.00	0.00	0.00
Australia		0.19	1,499.00	0.00	0.00
Taiwan		0.52	5,645.00	0.00	0.00
U.S.A.		0.26	2,437.00	0.00	0.00
Others		0.08	763.00	0.00	0.00
TOTAL		5.62	38,710.00	0.00	0.00

NEGERI BARAWAK JADUAL (TABLE) 24.1 :- (samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Horse mackerel canned	Tonnes				
Peninsular Malaysia		68.12	200,061.00	0.00	0.00
Sabah		0.00	0.00	5.72	11,874.00
Brunei		0.00	0.00	2.60	7,735.00
Singapore		0.01	35.00	0.00	0.00
Indonesia		0.00	0.00	0.90	2,546.00
Thailand		3.60	10,793.00	0.00	0.00
China		132.32	277,822.00	0.00	0.00
Japan		2,309.78	15,454,841.00	0.00	0.00
Australia		0.18	743.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.02	115.00	0.00	0.00
Others		0.92	3,664.00	0.00	0.00
TOTAL		2,514.95	15,948,074.00	9.22	22,155.00
Fish and fish preparation canned	Tonnes				
Peninsular Malaysia		818.85	13,317,536.00	0.00	0.00
Sabah		0.00	0.00	2.41	9,404.00
Brunei		0.00	0.00	0.00	0.00
Singapore		5.85	14,771.00	0.08	356.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		56.20	214,774.00	0.00	0.00
China		15.57	100,800.00	0.00	0.00
Japan		0.99	6,880.00	0.00	0.00
Australia		0.59	4,546.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.15	1,825.00	0.00	0.00
Others		6.00	27,786.00	0.00	0.00
TOTAL		904.20	13,688,918.00	2.49	9,760.00
Shark's fin prepared, hot canned	Tonnes				
Peninsular Malaysia		0.48	11,280.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.19	7,528.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	0.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.01	440.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.06	2,074.00	0.00	0.00
TOTAL		0.74	21,322.00	0.00	0.00

NEGERI SARAWAK JADUAL (TABLE) 24 - (samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI- NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Fish paste and similar preparation not canned	Tonnes				
Peninsular Malaysia		3.43	16,329.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		13.02	32,370.00	0.00	0.00
Indonesia		3.31	2,640.00	0.00	0.00
Thailand		67.26	88,697.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.04	359.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.38	840.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.12	320.00	0.00	0.00
TOTAL		87.56	141,555.00	0.00	0.00
Fish boiled or steamed	Tonnes				
Peninsular Malaysia		0.02	32.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.00	0.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.10	185.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.03	184.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.00	0.00	0.00	0.00
TOTAL		0.15	401.00	0.00	0.00
✓ Fish preparation not canned n.e.s	Tonnes				
Pen. Malaysia		40.48	275,465.00	0.00	0.00
Sabah		0.30	1,290.00	0.40	5,558.00
Brunei		0.00	0.00	0.30	1,125.00
Singapore		7.43	18,906.00	19.64	21,780.00
Indonesia		0.16	743.00	0.00	0.00
Thailand		87.29	346,815.00	0.00	0.00
China		0.31	3,360.00	0.00	0.00
Japan		1.45	6,138.00	0.00	0.00
Australia		0.23	1,201.00	0.00	0.00
Taiwan		0.04	121.00	0.00	0.00
U.S.A.		0.02	250.00	0.00	0.00
Others		1.50	8,524.00	0.00	0.00
TOTAL		139.21	662,813.00	20.34	28,463.00

NEGERI SARAWAK QUADRAL (TABLE) 24.1-(samb.)(cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Abalone canned	Tonnes				
Peninsular Malaysia		0.00	0.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.07	1,968.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.08	778.00	0.00	0.00
China		0.16	4,000.00	0.00	0.00
Japan		0.57	8,356.00	0.00	0.00
Australia		4.86	82,749.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.11	1,630.00	0.00	0.00
Others		1.81	32,540.00	0.00	0.00
TOTAL		7.66	132,021.00	0.00	0.00
Prawns and shrimps canned	Tonnes				
Peninsular Malaysia		237.57	987,771.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		0.30	1,206.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.21	2,268.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.01	63.00	0.00	0.00
Australia		0.13	1,287.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.09	783.00	0.00	0.00
Others		0.00	0.00	0.00	0.00
TOTAL		238.31	993,378.00	0.00	0.00
Crabs canned	Tonnes				
Peninsular Malaysia		0.54	1,143.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.00	0.00
Singapore		1.01	4,722.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		2.73	16,112.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.21	1,361.00	0.00	0.00
Australia		0.11	1,182.00	0.00	0.00
Taiwan		0.06	320.00	0.00	0.00
U.S.A.		0.02	475.00	0.00	0.00
Others		0.06	387.00	0.00	0.00
TOTAL		4.74	25,702.00	0.00	0.00

NEGERI SARAWAK JADUAL (TABLE) 24.1 - (samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Cuttlefish canned	Tonnes				
Peninsular Malaysia		201.62	913,848.00	0.81	5,320.00
Sabah		0.00	0.00	0.03	300.00
Brunei		0.00	0.00	0.00	0.00
Singapore		24.28	119,229.00	0.04	639.00
Indonesia		0.12	2,581.00	0.00	0.00
Thailand		54.09	346,052.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		1.25	11,075.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.27	1,695.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.52	2,543.00	0.00	0.00
TOTAL		282.15	1,397,023.00	0.88	6,259.00
Other crustaceans and molluscs prepared or preserved n.e.s. canned	Tonnes				
Peninsular Malaysia		323.19	1,237,244.00	2.05	7,000.00
Sabah		0.00	0.00	0.85	8,020.00
Brunei		0.00	0.00	0.31	1,238.00
Singapore		0.27	1,394.00	0.00	0.00
Indonesia		0.00	0.00	0.00	0.00
Thailand		0.37	5,377.00	0.00	0.00
China		73.60	306,749.00	0.00	0.00
Japan		4.16	22,803.00	0.00	0.00
Australia		0.25	1,739.00	0.00	0.00
Taiwan		0.08	467.00	0.00	0.00
U.S.A.		0.25	1,026.00	0.00	0.00
Others		4.22	25,698.00	0.00	0.00
TOTAL		406.39	1,602,497.00	3.21	16,258.00
Crustaceans and molluscs or preserved n.e.s. not canned	Tonnes				
Peninsular Malaysia		21.39	149,099.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	8.37	13,054.00
Singapore		16.22	58,491.00	4.10	44,007.00
Indonesia		0.06	248.00	0.00	0.00
Thailand		11.65	40,475.00	0.00	0.00
China		2.72	10,115.00	0.00	0.00
Japan		11.11	38,778.00	0.00	0.00
Australia		0.09	497.00	678.99	8,332,301.00
Taiwan		1.05	4,095.00	0.00	0.00
U.S.A.		0.22	2,220.00	0.00	0.00
Others		4.72	20,421.00	94.65	844,742.00
TOTAL		69.23	324,439.00	786.11	9,234,104.00

NEGERI SARAWAK JADUAL (TABLE) 24.1 - (samb.) (cont.)
 IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI- NEGERI ASAL
 DAN DESTINASI, 1984 - (Samb.)
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1984 - (Cont.)

Description of Commodity and Country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Belacan	Tonnes				
Peninsular Malaysia		226.93	297,801.00	0.00	0.00
Sabah		0.00	0.00	0.00	0.00
Brunei		0.00	0.00	0.32	1,310.00
Singapore		0.79	475.00	0.00	8.00
Indonesia		62.19	30,435.00	0.00	0.00
Thailand		0.00	0.00	0.00	0.00
China		0.00	0.00	0.00	0.00
Japan		0.00	0.00	0.00	0.00
Australia		0.00	0.00	0.00	0.00
Taiwan		0.00	0.00	0.00	0.00
U.S.A.		0.00	0.00	0.00	0.00
Others		0.00	0.00	0.00	0.00
TOTAL		289.91	328,711.00	0.32	1,318.00
Total by country	Tonnes				
Peninsular Malaysia		5,626.10	16,087,269.00	200.55	1,028,798.00
Sabah		435.87	3,094,037.00	21.94	68,893.00
Brunei		0.00	0.00	59.11	149,179.00
Singapore		710.48	2,505,293.00	158.25	822,883.00
Indonesia		168.86	466,214.00	0.90	2,546.00
Thailand		575.01	1,783,861.00	0.00	0.00
China		235.58	761,207.00	0.00	0.00
Japan		2,378.66	5,764,834.00	1,313.84	11,880,626.00
Australia		9.61	114,298.00	707.83	8,776,123.00
Taiwan		61.65	261,909.00	0.25	4,800.00
U.S.A.		2.72	16,785.00	234.13	2,029,888.00
Others		165.11	917,895.00	120.34	1,194,122.00
TOTAL		10,369.65	31,773,602.00	2,817.14	25,957,858.00

IMPORT DAN EKSPORT IKAN DAN HASIL-HASIL PERIKANAN SARAWAK, 1963 - 1984
 IMPORTS AND EXPORTS OF FISH AND FISH PRODUCTS IN SARAWAK, 1963 - 1984
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

Tahun Year	Import/Imports*		Eksport/Exports*	
	Kuantiti-Tan Metrik Qty.-Tonnes	Nilai C.I.F.\$ Value C.I.F.\$	Kuantiti-Tan Metrik Qty.-Tonnes	Nilai C.I.F.\$ Value C.I.F.\$
1963	3,750.29	5,478,765.00	416.56	279,379.00
1964	6,252.87	6,517,799.00	40.92	73,813.00
1965	4,617.90	6,179,568.00	97.24	179,875.00
1966	4,928.01	6,554,756.00	32.22	55,517.00
1967	4,341.77	5,255,127.00	269.60	613,984.00
1968	4,753.09	5,615,787.00	106.14	224,546.00
1969	4,868.64	5,795,682.00	112.43	268,075.00
1970	5,044.03	6,416,785.00	276.38	602,475.00
1971	4,166.61	5,338,441.00	909.85	2,202,041.00
1972	3,950.98	5,270,873.00	1,163.67	5,301,553.00
1973	6,285.60	8,156,581.00	1,381.07	7,146,986.00
1974	4,341.49	7,687,164.00	1,542.56	6,552,236.00
1975	4,912.73	9,553,139.00	1,292.25	5,770,850.00
1976	5,033.06	10,483,013.00	2,228.65	14,512,073.00
1977	5,182.73	11,749,997.00	3,155.22	21,904,917.00
1978	2,021.68	4,648,338.00	1,819.11	9,259,389.00
1979	5,584.79	10,776,951.00	3,695.10	26,469,248.00
1980	8,295.65	20,067,755.00	2,902.88	20,996,636.00
1981	9,426.81	24,458,926.00	2,573.45	24,224,788.00
1982	8,821.75	28,734,873.00	2,498.97	25,288,755.00
1983	7,422.21	25,211,348.00	3,176.54	29,303,270.00
1984	10,369.65	31,773,602.00	2,817.14	25,957,858.00

*Perangkaan Import dan Eksport untuk tahun 1963-1981 telah dipinda
 (Data for Imports and Exports 1963 - 1981 are revised figures)

IMPORT DAN EKSPORT HASIL-HASIL PERIKANAN, SABAH, 1984
IMPORTS AND EXPORTS OF FISHERIES PRODUCTS, SABAH, 1984
(Kuantiti dalam Tan M/Quantity in Tonnes)

JADUAL (TABLE) 26.1

Jenis Barangan Description of Commodity	Kod Barangan Commodity Code	Unit Kuantiti Unit of Quantity	Import Imports		Eksport Exports	
			Quantiti Quantity	Nilai Value \$	Quantiti Quantity	Nilai Value
Beche-de-mer	011891	Tonne	69.69	102,728.00	89.11	441,606.00
Fish fry	034110	1000	15.55	7,345.00	1.14	1,588.00
Fish for aquaria	034120	100	15,305.53	1,255,753.00	10.85	3,314.00
Tuna, fresh, chilled or frozen	034131	Tonne	40.06	170,113.00	229.14	3,038,789.00
Other fish marine, fresh or chilled	034139	Tonne	0.00	0.00	0.00	0.00
Fish freshwater, fresh, chilled or frozen	034140	Tonne	3.43	24,832.00	1.21	8,938.00
Other fish marine, frozen	034219	Tonne	49.69	381,741.00	947.30	10,477,126.00
Fishmaws	035031	Tonne	1.42	32,770.00	0.06	3,400.00
Sharks' fin, salted or dried not further prepared	035032	Tonne	14.36	386,587.00	0.68	7,927.00
Fish marine, salted or dried	3503910	Tonne	74.90	206,380.00	552.29	2,618,080.00
Fish freshwater, salted or dried	0350392	Tonne	0.23	1,737.00	0.00	0.00
Salmon smoked	035041	Tonne	0.65	24,161.00	0.00	0.00
Fish smoked except salmon	035049	Tonne	4.55	34,781.00	0.83	7,970.00
Prawns, fresh, chilled	036011	Tonne	0.63	5,558.00	448.24	4,988,105.00
Prawns, fresh, frozen	036012	Tonne	30.67	68,357.00	4,073.28	64,491,234.00
Crabs lobsters etc. fresh, chilled or frozen	036021	Tonne	5.15	52,309.00	27.27	110,629.00
Prawns, crabs, lobsters etc. salted, in brine, dried or boiled	036028	Tonne	1.59	12,995.00	0.00	0.00
Oysters, fresh	036030	Tonne	9.84	140,507.00	0.00	0.00
Other molluscs, fresh, chilled or frozen	036041	Tonne	35.69	236,756.00	3.45	17,391.00
Other molluscs, salted, in brine	036048	Tonne	37.35	196,904.00	2.93	23,570.00
Fish boiled or steamed	037193	Tonne	1.63	4,428.00	0.59	3,245.00
Sardine canned	037111	Tonne	4,181.28	8,687,436.00	198.26	492,020.00
Herring and brisling canned	037112	Tonne	0.35	4,106.00	0.00	0.00

Pichards canned	037113	Tonne	0.43	1,734.00	0.00	0.00
Salmon canned	037114	Tonne	2.76	25,112.00	0.00	0.00
Fish paste and similar preparations	037192	Tonne	5.61	16,981.00	0.95	4,026.00
Sharks' fins prepared	037191	Tonne	2.28	77,051.00	0.01	789.00
Tuna canned	037116	Tonne	5.56	24,198.00	0.05	411.00
Fish preparations not canned	037199	Tonne	73.37	386,594.00	2.41	10,239.00
Sauries canned	037115	Tonne	12.82	51,449.00	0.00	0.00
Horse mackerels canned	037117	Tonne	135.24	278,999.00	6.79	17,400.00
Fish, others canned	037119	Tonne	713.43	3,854,781.00	0.92	3,478.00
Abalone canned	037211	Tonne	14.50	350,087.00	1.25	28,924.00
Prawns and shrimps(belachan) canned	037212	Tonne	180.34	819,604.00	0.06	220.00
Crabs canned	037213	Tonne	1.95	12,521.00	0.00	0.00
Cuttle fish canned	037214	Tonne	212.82	1,119,463.00	0.60	14,073.00
Preparations of crustaceans and molluscs not canned	037220	Tonne	65.45	282,337.00	0.00	0.00
Preparations of crustaceans and molluscs canned	037219	Tonne	221.33	1,083,782.00	0.03	132.00
Prawn dust	981422	Tonne	5.12	11,563.00	0.00	0.00
Fish meal	081421	Tonne	3,834.33	4,473,158.00	0.00	0.00
Flour meal of fish, crustaceans and molluscs	081429	Tonne	111.02	133,370.00	0.00	0.00
Fish, molluscs and crustaceans and broths	9805920	Tonne	2.16	17,983.00	0.00	0.00
Tortoise shell unworked	291160	Tonne	4.05	2,557.00	3.70	2,960.00
Coral etc. unworked	291150	Tonne	63.33	12,780.00	265.71	247,336.00
Fish waste	291940	Tonne	1.14	1,460.00	4.04	2,829.00
Natural sponges	291970	Tonne	0.06	358.00	0.00	0.00
Turtles' eggs	098081	100	48.10	640.00	63.50	2,823.00
Products of fish, crustaceans and molluscs not for human consumption	291991	Tonne	1.14	10,869.00	0.00	0.00
Sea-grass	292922	Tonne	0.87	272.00	0.00	0.00
Sea-weed products	292981	Tonne	28.31	45,700.00	7.75	3,754.00
Pearls not set	667101	Value	0.00	0.00	0.00	554,866.00
Pearls fragments unworked	667109	Value	0.00	16,226.00	0.00	0.00

JUMLAH/TOTAL

10,262.58

25,149,913.00

6,868.91

87,629,192.00

IMPORT DAN EKSPORT HASIL-HASIL PERIKANAN, SABAH
 IMPORTS AND EXPORTS OF FISHERIES PRODUCTS, SABAH
 1966 - 1984
 (Kuantiti dalam Tan M/Quantity in Tonnes)

Tahun Year	Import/Imports*		Eksport/Exports*	
	Kuantiti Quantity	Nilai \$ Value \$	Kuantiti Quantity	Nilai (\$) Value(\$)
1966	2,443	3,410,991	2,004	5,990,187
1967	2,895	3,568,010	2,350	7,509,005
1968	2,470	3,390,673	2,204	8,482,298
1969	2,683	3,992,054	2,203	7,337,991
1970	3,049	4,494,787	2,367	8,703,229
1971	2,774	4,144,925	2,279	10,636,254
1972	3,542	5,172,929	2,586	12,438,520
1973	3,954	6,869,428	2,769	18,507,065
1974	4,145	9,091,577	2,605	13,712,863
1975	4,148	8,400,596	2,699	14,880,057
1976	5,443	11,205,702	3,902	29,595,961
1977	3,957	10,245,153	3,563	32,671,347
1978	5,195	11,766,881	3,801	34,745,661
1979	7,719	12,822,101	4,260	45,194,362
1980	11,136	21,966,287	3,588	35,127,434
1981	7,574	21,429,732	4,040	46,872,846
1982	7,709	22,375,152	4,219	56,657,408
1983	9,369	24,005,473	5,899	85,914,149
1984	10,263	25,149,913	6,869	87,629,192

* Perangkaan Import dan Eksport yang telah dipinda.
 Data for Imports and Exports are revised figures.