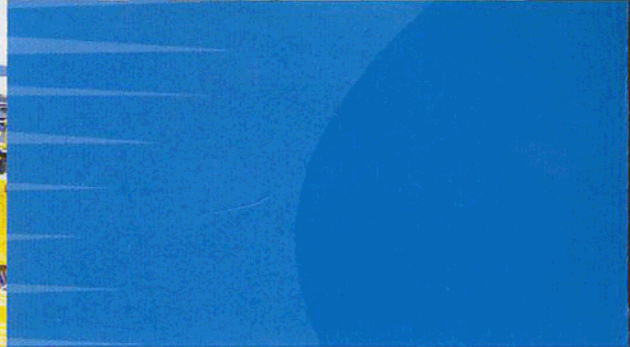




PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

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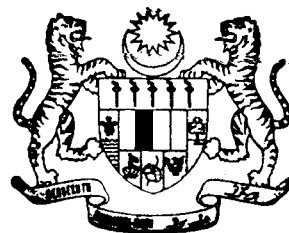
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Presint 4, Pusat Pentadbiran Kerajaan Persekutuan

62628 PUTRAJAYA, MALAYSIA

Tel : 03-8870 4034

Faks : 03-8870 4033

ISSN 0126-8856



KEMENTERIAN PERTANIAN MALAYSIA

MINISTRY OF AGRICULTURE MALAYSIA

BAHAGIAN PERIKANAN

FISHERIES DIVISION

PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

1979

SEKSI PERANGKAAN
(STATISTICS SECTION)

HARGA \$5.00
(PRICE \$5.00)

NOVEMBER, 1980
KUALA LUMPUR

PENDAHULUAN

Perangkaan Perikanan Tahunan 1979 adalah satu percubaan untuk *mempersembahkan dengan penuh pretasi mengenai perusahaan perikanan pada tahun 1979 dalam satu gambaran yang benar dan tepat melalui cara perangkaan.*

Bagi maklumat, perangkaan bot-bot nelayan adalah disediakan daripada rekod-rekod perlesenan bot, manakala perangkaan pendaratan adalah diperolehi melalui pembancian perangkaan. Sehingga tahun 1978, pendaratan perikanan adalah diperolehi daripada rekod-rekod syarikat-syarikat kerjasama pukat tunda dan 'ratio-estimation' mengikut jenis perikanan. Tetapi semenjak tahun 1979 cara "two-stage stratified random sampling method" telah digunakan dinegeri-negeri Kedah, Pulau Pinang, Perak dan Johor untuk mengira pendaratan-pendaratan perikanan utama iaitu pukat tunda dan pukat jerut. Perangkaan bagi perikanan-perikanan kecil dinegeri-negeri tersebut masih terus mengutip melalui cara "ratio-estimation". Sebelum akhir tahun 1980, sistem dua cara untuk mengutip perangkaan pendaratan ini akan dikembangkan diseluruh Semenanjung Malaysia dan diharapkan bahawa sistem ini akan memperbaiki qualiti perangkaan-perangkaan pendaratan yang ada.

Kami berharap penerbitan ini ada nilainya kepada pengguna-penggunanya dan kami mengalu-alukan sebarang cadangan dan teguran-teguran yang membina untuk memperbaiki lagi taraf kandungan dan persembahan penerbitan ini.

FOREWARD

The "Annual Fisheries Statistics 1979" is an attempt to present in a comprehensive manner a true and correct picture on the performance of the fishing industry during the year 1979 by means of statistics.

For general information, fishing fleet statistics are derived from boat licensing records, while landing statistics are obtained through statistical surveys. Whereas up to 1978, landing statistics were obtained from trawler co-operative records and ratio-estimation stratified by type of fisheries, since 1979 a two-stage stratified random sampling method is being used in the states of Kedah, Penang, Perak and Johore to calculate landings of the two major fisheries viz. trawl and purse-seine fisheries. Statistics on minor fisheries in these states continue to be collected through ratio-estimation. By the end of 1980, this two method system will be introduced throughout Peninsular Malaysia and it is hoped that this system will further improve the quality of landing statistics available.

We hope this publication is of some value to its users and we welcome suggestions and constructive criticisms to further improve the content and presentation of this publication.

EDWIN J. SAVARIRAJ
Pegawai Perikanan (Perangkaan)
Fisheries Officer (Statistics)

KANDUNGAN (CONTENTS)

MUKA SURAT
(Page)

ULANGKAJIAN AM (General Review)

SEKSI I – PERIKANAN LAUT, SEMENANJUNG MALAYSIA (Section I – Marine Fisheries, Peninsular Malaysia)

JADUAL (Table)

1.1	BILANGAN NELAYAN-NELAYAN YANG BERKERJA DIBOT-BOT BERLESEN, 1979 (Number of Fishermen Working in Licensed Boats, 1979)	1
1.2	BILANGAN BOT-BOT PERIKANAN YANG DILESENKAN, 1979 (Number of Fishing Boats Licensed, 1979)	2
1.3	BILANGAN BOT BERJENTERA DALAM YANG DILESENKAN MENGIKUT NEGERI, UKURAN PANJANG DAN KEKUATAN KUDA, 1979 (Number of Licensed Inboard Powered Fishing Boats by State, Dimension and Horsepower, 1979)	3
1.4	BILANGAN BOT BERJENTERA SANGKUT YANG DILESENKAN MENGIKUT NEGERI, UKURAN PANJANG DAN KEKUATAN KUDA, 1979 (Number of Licensed Outboard Powered Fishing Boats by State, Dimension and Horsepower, 1979)	4
1.5	BILANGAN BOT TIADA BERJENTERA YANG DILESENKAN MENGIKUT NEGERI DAN UKURAN PANJANG, 1979 (Number of Licensed Non Powered Fishing Boats by State and Dimension, 1979)	5
1.6	RINGKASAN BILANGAN BOT-BOT NELAYAN BERJENTERA DALAM MENGIKUT NAMA INJIN DAN NEGERI, 1979 (Summary Number of Inboard Powered Fishing Boats by State and by Trade Name of Engine, 1979)	6
1.7	RINGKASAN BILANGAN BOT-BOT NELAYAN BERJENTERA DALAM MENGIKUT NAMA INJIN DAN KUASA KUDA, 1979 (Summary Number of Inboard Powered Fishing Boats by Trade Name of Engine and Horsepower, 1979)	7
1.8	BILANGAN BOT-BOT YANG DILESENKAN DAN NELAYAN-NELAYAN MENGIKUT DAERAH-DAERAH PERIKANAN, 1979 (Number of Licensed Fishing Boats and Fishermen by Fisheries Districts, 1979)	8
1.9	BILANGAN BOT-BOT YANG DILESENKAN DAN BILANGAN NELAYAN-NELAYAN YANG BERKERJA DI BOT-BOT BERLESEN, 1961 – 1979 (Number of Fishing Boats Licensed and Number of Fishermen Operating Licensed Boats, 1961 – 1979)	9
1.10	BILANGAN PERKAKAS YANG DILESENKAN MENGIKUT NEGERI, 1979 (Number of Licensed Fishing Gears by State, 1979)	10

JADUAL (Table)		MUKA SURAT (Page)
1.11	ANGGARAN PERKAKAS-PERKAKAS MENANGKAP IKAN YANG DIUSAHAKAN MENGIKUT NEGERI, 1979 (Estimated Number of Fishing Gears in Operation by State, 1979)	11
1.12	BILANGAN PERKAKAS YANG DILESENKAN MENGIKUT DAERAH PERIKANAN, 1979 (Number of Licensed Fishing Gears by Fisheries Districts, 1979)	12
1.13	BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN, 1979 (Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)	13
1.14 (a) – 1.14 (l)	BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN BAGI NEGERI-NEGERI SEMENANJUNG MALAYSIA, 1979 (Number of Licensed Fishing Boats by Gear Group, Type and Tonnage for all states of Peninsular Malaysia, 1979)	14 – 25
2.1	SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI, 1975 – 1979 (Annual Series of Marine Fish Landings and Value, 1975 – 1979)	26
2.2	TANGKAPAN IKAN LAUT MENGIKUT NEGERI BAGI TAHUN, 1979 (Landings of Marine Fish by States for the Year, 1979)	27
2.3	TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 1979 (Landings of Marine Fish by Month and State, 1979)	28
2.4	TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS, 1979 (Landings of Marine Fish by State and Gear Group, 1979)	29
2.5	TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1979 (Landings of Marine Fish by Month and Gear Group, 1979)	30
2.6	TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1979 – PANTAI BARAT SEMENANJUNG MALAYSIA (Landings of Marine Fish by Month and Gear Group, 1979 – West Coast Peninsular Malaysia)	31
2.7	TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1979 – PANTAI TIMUR SEMENANJUNG MALAYSIA (Landings of Marine Fish by Month and Gear Group, 1979 – East Coast Peninsular Malaysia)	32

JADUAL (Table)		MUKA SURAT (Page)
2.8 (a) – 2.8 (i)	TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS BAGI NEGERI NEGERI SEMENANJUNG MALAYSIA, 1979 (Landings of Marine Fish by Month and Gear Group for All States of Peninsular Malaysia, 1979)	33 – 44
–	KUMPULAN TARAF PERANGKAAAN BAGI IKAN IKAN LAUT PERDAGANGAN MALAYSIA (Standard Statistical Classification of Malaysian Commercial Marine Fishes)	45 – 46
2.9	TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN JENIS IKAN, 1979 (Landings of Marine Fish by State and Type of Fish, 1979)	47 – 48
2.10	TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1979 (Landings of Marine Fish by Month and Type of Fish, 1979)	49 – 50
2.11	TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1979 – PANTAI BARAT SEMENANJUNG MALAYSIA (Landings of Marine Fish by Month and Type of Fish, 1979 – West Coast Peninsular Malaysia)	51 – 52
2.12	TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1979 – PANTAI TIMUR SEMENANJUNG MALAYSIA (Landings of Marine Fish by Month and Type of Fish, 1979 – East Coast Peninsular Malaysia)	53 – 54
2.13	TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1979 (Landings of Marine Fish by Gear Group and Type of Fish, 1979)	55 – 56
2.14	TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1979 – PANTAI BARAT SEMENANJUNG MALAYSIA (Landings of Marine Fish by Gear Group and Type of Fish, 1979 – West Coast Peninsular Malaysia)	57 – 58
2.15	TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1979 – PANTAI TIMUR SEMENANJUNG MALAYSIA (Landings of Marine Fish by Gear Group and Type of Fish, 1979 – East Coast Peninsular Malaysia)	59 – 60
2.16 (a) – 2.16 (i)	TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN BAGI NEGERI NEGERI SEMENANJUNG MALAYSIA, 1979 (Landings of Marine Fish by Gear Group and Type of Fish for All States of Peninsular Malaysia, 1979)	61 – 84
2.17	PENDARATAN UDANG BAGI TAHUN 1965 – 1979 (Prawn Landings for the Years 1965 – 1979)	85
2.18	PENDARATAN PUKAT TUNDA DI SEMENANJUNG MALAYSIA, 1975 – 1979 (Trawl Landings in Peninsular Malaysia, 1975 – 1979)	86

JADUAL (Table)		MUKA SURAT (Page)
2.19	TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN NEGERI, 1979 (Landings by Trawlers by Tonnage and State, 1979)	87
2.20	TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1979 (Landings by Trawlers by Tonnage and Type of Fish, 1979)	88
2.21	TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1979 – PANTAI BARAT SEMENANJUNG MALAYSIA (Landings by Trawlers by Tonnage and Type of Fish, 1979 – West Coast Peninsular Malaysia)	89
2.22	TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1979 – PANTAI TIMUR SEMENANJUNG MALAYSIA (Landings by Trawlers by Tonnage and Type of Fish, 1979 – East Coast Peninsular Malaysia)	90
2.23 (a) – 2.23 (j)	TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN BAGI NEGERI NEGERI SEMENANJUNG MALAYSIA, 1979 (Landings by Trawlers by Tonnage and Type of Fish for All States of Peninsular Malaysia, 1979)	91 – 100
3.1	HARGA BORONG PURATA IKAN BASAH DIPASAR BAGI TIAP TIAP SEKATI MENGIKUT BULAN, 1979 (Monthly Average Wholesale Market Prices of Fresh Fish, 1979)	101
3.2	HARGA RUNCIT PURATA IKAN BASAH DI PASAR BAGI TIAP TIAP SEKATI MENGIKUT BULAN, 1979 (Monthly Average Retail Market Prices of Fresh Fish, 1979)	102
3.3	NILAI HARGA BORONG PASARAN IKAN LAUT, 1979 (Wholesale Market Values of Marine Fish, 1979)	103
3.4	NILAI HARGA RUNCIT PASARAN IKAN LAUT, 1979 (Retail Market Values of Marine Fish, 1979)	104
3.5	NILAI TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED IKAN, 1979 (Landing Values of Marine Fish by Gear Group and Grade of Fish, 1979)	105
3.6	PENGGUNAAN PENDARATAN IKAN LAUT, 1979 (Disposition of Marine Fish Landings, 1979)	106
3.7	HASIL IKAN LAUT YANG DIPEROSES, 1979 (Processed Marine Fish Products, 1979)	107
3.8	KILANG-KILANG AIR BATU DAN KEMUDAHAN KEMUDAHAN PENYEJUK DITARIKH 31.12.1979 (Ice Factories and Refrigeration Facilities as at 31.12.1979)	108

JADUAL (Table)		MUKA SURAT (Page)
3.9	HASIL PERIKANAN DALAM RINGGIT MALAYSIA, 1979 (Fisheries Revenue in Malaysian Dollars, 1979)	109
4.1	IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT NEGERI NEGERI ASAL DAN DESTINASI, 1979 (Imports and Exports in Fisheries Commodities by Countries of Origin and Destination, 1979)	110 – 127
4.2	SERI TAHUNAN IMPOT BARANGAN PERIKANAN MENGIKUT KUANTITI, NILAI DAN NEGERI ASAL, 1975 – 1979 (Annual Series of Fisheries Commodities Import by Quantity, Value and Country of Origin, 1975 – 1979)	128
4.3	SERI TAHUNAN EKSPOT BARANGAN PERIKANAN MENGIKUT KUANTITI, NILAI DAN NEGERI DESTINASI, 1975 – 1979 (Annual Series of Fishery Commodities Export by Quantity, Value and Country of Destination, 1975 – 1979)	128
4.2		
	SEKSI II – PERIKANAN AIRTAWAR, SEMENANJUNG MALAYSIA (Section II – Freshwater Fisheries, Peninsular Malaysia)	
5.1	BILANGAN KOLAM IKAN DAN PENTERNAK, 1979 (Number of Fish Ponds and Number of Farmers, 1979)	129
5.2	PENJUALAN IKAN AIRTAWAR DIPASAR PASAR UTAMA MENGIKUT NEGERI DAN JENIS IKAN, 1979 (Sales of Freshwater Fish at Major Markets by State and Type of Fish, 1979)	130
5.3	PENJUALAN IKAN AIRTAWAR DIPASAR PASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN, 1979 (Sales of Freshwater Fish at Major Markets by Month and Type of Fish, 1979)	131
5.4	PENGELUARAN BENIH IKAN OLEH PUSAT PUSAT PENGELUARAN, 1979 (Fish Fry Production by Station – 1979)	132
5.5	PEMBAHAGIAN BENIH BENIH IKAN AIRTAWAR, 1979 (Distribution of Freshwater Fish Fry, 1979)	133 – 134
5.6	HARGA BORONG IKAN AIRTAWAR DIPASAR PASAR UTAMA MENGIKUT BULAN, 1979 (Wholesale Prices of Freshwater Fishes at Major Markets by Month, 1979)	135
5.7	HARGA RUNCIT IKAN AIRTAWAR DIPASAR PASAR UTAMA MENGIKUT BULAN, 1979 (Retail Prices of Freshwater Fishes at Major Markets by Month, 1979)	136

SEKSI III – SABAH & SARAWAK
(Section III – Sabah & Sarawak)

6.1	PENGELUARAN IKAN MENGIKUT JENIS KUMPULAN IKAN DISABAH, 1970 – 1979 (Production of Fish by Group of Species in Sabah, 1970 – 1979)	137
6.2	NILAI IKAN YANG DIDARATKAN DISABAH, 1970 – 1979 (Value of Fish Landed in Sabah, 1970 – 1979)	138
6.3	BILANGAN BOT-BOT PERIKANAN DISABAH, 1962 – 1979 (Number of Fishing Boats in Sabah, 1962 – 1979)	139
6.4	BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS PERKAKAS DAN DAERAH, 1979 (Number of Licences issued by Type of Gear and District, 1979)	140
6.5	ANGGARAN BILANGAN NELAYAN DISABAH, 1965 – 1979 (Estimated Number of Fishermen in Sabah, 1965 – 1979)	141
6.6	IMPOT DAN EKSPOT HASIL HASIL PERIKANAN, SABAH 1979) (Import and Export of Fisheries Products, Sabah 1979)	142
6.7	IMPOT DAN EKSPOT HASIL HASIL PERIKANAN DISABAH, 1965 – 1979 (Import and Export of Fisheries Products in Sabah, 1965 – 1979)	143
7.1	PENDARATAN IKAN DAN UDANG MENGIKUT BULAN DISARAWAK, 1979 (Monthly Landings of Fish and Prawn in Sarawak by Species, 1979)	144 – 145
7.2	PENDARATAN IKAN DAN UDANG MENGIKUT KUMPULAN PERKAKAS DISARAWAK, 1979 (Landings of Fish and Prawn in Sarawak by Gear Groups and Species, 1979)	146 – 147
7.3	PENDARATAN IKAN LAUT DAN UDANG MENGIKUT KUMPULAN PERKAKAS DISARAWAK, 1975 – 1979 (Marine Fish and Prawn Landings by Gear Group in Sarawak, 1975 – 1979)	148
7.4	BILANGAN NELAYAN SARAWAK MENGIKUT BAHAGIAN, 1979 (Number of Sarawak Fishermen by Division, 1979)	149
7.5	BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS PERKAKAS DAN BAHAGIAN DISARAWAK, 1979 (Number of Fishing Licences issued by Type of Gear and Division in Sarawak, 1979)	150

JADUAL (Table)		MUKA SURAT (Page)
7.6	BILANGAN PERAHU PERAHU BERJENTERA DAN TIADA BERJENTERA DISARAWAK, 1970 – 1979 (Number of Powered and Non-Powered Fishing Crafts in Sarawak, 1970 – 1979)	151
7.7	IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT NEGERI NEGERI ASAL DAN DESTINASI DISARAWAK, 1979 (Imports and Exports in Fishery Commodities by Countries of Origin and Destination in Sarawak, 1979)	152 – 159
7.8	IMPOT DAN EKSPOT IKAN DAN HASIL HASIL PERIKANAN DISARAWAK, 1963 – 1979 (Imports and Exports of Fish and Fish Products in Sarawak, 1963 – 1979)	160
PETA (Chart)		MUKA SURAT (Page)
RAJAH & GERAJ, SEMENANJUNG MALAYSIA (Charts & Graphs, Peninsular Malaysia)		
A	BILANGAN BOT-BOT BERJENTERAN DALAM, BERJENTERA SANGKUT DAN TIDAK BERJENTERA YANG DILESENKAN BAGI JANGKA MASA 1970 – 1979 (Number of Inboard Powered, Outboard Powered and Non Powered Fishing Boats Licensed in the Period 1970 – 1979)	161
B	ALIRAN PENDARATAN IKAN LAUT, 1970 – 1979 (Trend of Marine Fish Landings, 1970 – 1979)	162
C	ALIRAN PENDARATAN UDANG, 1970 – 1979 (Trend of Prawn Landings, 1970 – 1979)	163
D	PENDARATAN UDANG, 1979 (Prawn Landings in 1979)	164
E	PENDARATAN PUKAT TUNDA, 1975 – 1979 (Trawl Landings, 1975 – 1979)	165
F	PENDARATAN PUKAT JERUT MENGIKUT JENIS IKAN, 1979 (Purse Seine Landings by Type of Fish, 1979)	166

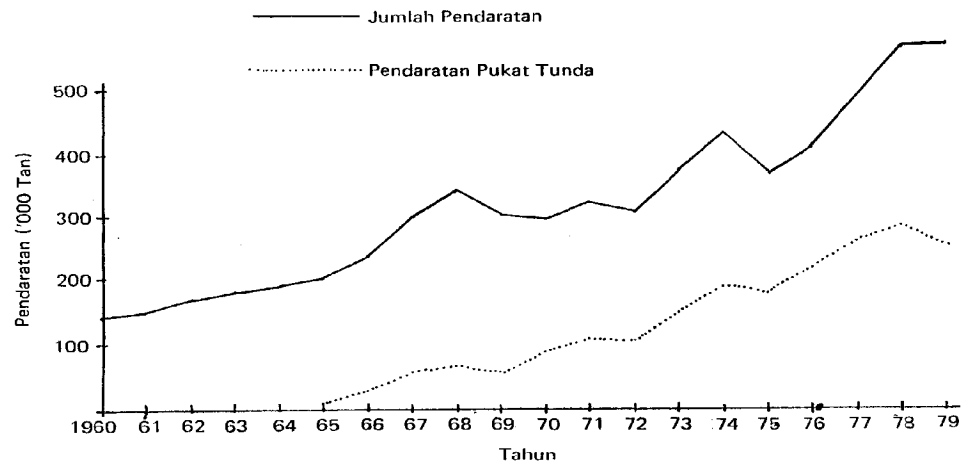
PETA (Chart)		MUKA SURAT (Page)
G	TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 1979 (Landings of Marine Fish by Gear Group, 1979)	167
H	NILAI PASARAN DAN PENDARATAN IKAN LAUT BAGI TAHUN 1970 – 1979 (Market Values and Landings of Marine Fish for the Years 1970 – 1979)	168
I	SERI TAHUNAN IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT KUANTITI DAN NILAI (Annual Series of Fishery Commodities Import and Export by Quantity and Value)	169
J	IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT KUANTITI, NILAI DAN NEGERI ASAL/DESTINASI, 1979 (Import and Export of Fishery Commodities by Quantity, Value and Country of Origin/Destination, 1979)	170

PEMBETULAN KEPADA PERANGKAAH TAHUNAN PERIKANAN, 1978
(Amendments to 1978 Annual Fisheries Statistics)

ULANGKAJIAN AM

SEMENANJUNG MALAYSIA

Aliran Pendaratan Tahunan



Aliran pendaratan dan penternakan tahunan bagi perikanan laut terus meningkat walaupun kadar peningkatannya dalam 3 tahun yang lalu telah merosot. Dalam tahun 1977 kadar peningkatan adalah sebanyak 21% manakala dalam tahun 1978 kadar peningkatan telah turun kepada 13% dan pada tahun 1979 kadar peningkatan adalah hanya 1%.

Sebelum tahun 1968, kenaikan pendaratan tahunan telah berterusan dan telah mencapai kemuncaknya dalam tahun 1968. Selepas tahun 1968 aliran pendaratan ini telah mengikut satu peredaran selama 3 hingga 4 tahun di mana setiap tahun kemuncak menurun dengan pantas. Peringatan juga diambil di mana terdapat setiap tahun kemuncak telah melebihi tahun kemuncak yang telah lalu. Penjelasan bagi aliran pendaratan seperti ini adalah kerana peningkatan pendaratan sebelum tahun 1968 disebabkan oleh peningkatan daya usaha menangkap ikan disegi tambahan dalam bilangan bot-bot menangkap ikan yang berjentera, khasnya bagi pukat tunda. Peningkatan semenjak tahun 1968, adalah disebabkan oleh kelebihan ikan pelagik dari semasa kesemasa. Ini menjelaskan keadaan pusingan semula jadi dalam aliran pendaratan di masa ini. Sebab utama mengapa setiap kali kemuncak yang berikutnya lebih tinggi daripada kemuncak yang lalu, walaupun tidak ada tambahan besar dalam bilangan bot-bot nelayan yang bersamaan dengan tambahan dalam pendaratan, adalah kerana perubahan dalam cara menangkap ikan dimana usaha-usaha ditambahkan, bukan dengan cara tambahan dalam bilangan bot-bot nelayan, tetapi melalui kegunaan bot-bot nelayan yang lebih besar dan baik, dan dapat keluar menangkap ikan dalam masa yang lebih panjang dan juga masa memukat yang lebih lama. Tambahan dalam usaha menangkap ikan seperti ini lebih nyata terutama bagi bot-bot pukat tunda dan pukat jerut di kawasan Pantai Barat. Kedua-dua jenis alat ini bertanggung-jawab mendaratkan 81% daripada jumlah pendaratan Pantai Barat (tidak termasuk siput). Kepadatan dalam kelebihan sumber-sumber ikan pelagik adalah satu sebab bagi peningkatan dalam pendaratan setiap tahun kemuncak.

Pendaratan Tahun 1979

Jumlah pendaratan dan penternakan perikanan laut pada tahun 1979 adalah sebanyak 570,905 metrik tan dan ini menunjukkan satu peningkatan berjumlah 1% jika dibandingkan dengan pendaratan pada tahun 1978. Pertunjukan yang kurang memuaskan oleh perusahaan perikanan pada tahun 1979 adalah kerana kemerosotan dalam pendaratan keseluruhan jenis ikan utama kecuali ikan pelagik dan kerang.

Seperti dalam 3 tahun yang lalu, pendaratan ikan pelagik telah terus meningkat. Pendaratan ikan pelagik pada tahun 1979 telah meningkat sebanyak 12.3% iaitu daripada 169,511 metrik tan dalam tahun 1978 kepada 190,337 metrik tan pada tahun 1979.

Pendaratan ikan domersal telah merosot sebanyak 1.4% daripada 219,078 metrik tan dalam tahun 1978 kepada 216,043 metrik tan pada tahun 1979. Ikan baja yang meliputi 70% berjumlah pendaratan ikan domersal telah meningkat sebanyak 2.7% daripada 146,561 metrik tan dalam tahun 1978 kepada 150,454 metrik tan dalam tahun 1979, manakala ikan-ikan domersal yang boleh dimakan, pendaratannya telah merosot sebanyak 9.6% daripada 72,517 metrik tan dalam tahun 1978 kepada 65,589 metrik tan dalam tahun 1979.

Ikan campuran juga telah merosot sebanyak 17.5% daripada 14,408 metrik tan dalam tahun 1978 kepada 11,885 metrik tan dalam tahun 1979.

Ikan, sebagai satu kumpulan, telah bertambah sebanyak 3.8% daripada 402,297 metrik tan dalam tahun 1978 kepada 418,265 metrik tan dalam tahun 1979 dan pertambahan ini disebabkan oleh ikan-ikan pelagik.

Krustasia juga telah merosot sebanyak 19% daripada 89,039 metrik tan dalam tahun 1978 kepada 72,174 metrik tan dalam tahun 1979. Udang, sebagai jenis krustasia yang terpenting sekali dan dari segi nilai dan kuantiti mengalami kemerosotan sebanyak 10.6% daripada 67,548 metrik tan dalam tahun 1978 kepada 60,426 metrik tan dalam tahun 1979. Ini adalah kali yang pertama pendaratan udang telah merosot. Udang baring juga merosot sebanyak 52.9% daripada 16,772 metrik tan dalam tahun 1978 kepada 7,897 metrik tan dalam tahun 1979. Ketam juga merosot sebanyak 18.4% daripada 4,719 metrik tan dalam tahun 1978 kepada 3,851 metrik tan dalam tahun 1979.

Dalam Kumpulan Moluska, hanya sotong telah merosot dalam pendaratannya sebanyak 4.6% daripada 16,634 metrik tan dalam tahun 1978 kepada 15,868 metrik tan dalam tahun 1979. Pendaratan bagi kerang dan siput disatu bahagian yang lain masing-masing telah meningkat sebanyak 14.1% dan 134%. Pada keseluruhannya kumpulan moluska pendaratan telah meningkat sebanyak 10.6% daripada 72,739 metrik tan dalam tahun 1978 kepada 80,466 metrik tan dalam tahun 1979.

Pendaratan bagi Pantai Barat

Pendaratan di Pantai Barat telah melebihi sebanyak 5.3% dalam tahun 1979 apabila dibandingkan dengan tahun 1978. Ini disebabkan oleh kelebihan dalam ikan jenis pelagik dan moluska. Ikan Domersal dan Krustasia sebaliknya telah merosot dalam tahun 1979.

Pendaratan Ikan-ikan pelagik bertambah sebanyak 31.2% daripada 84,914 metrikton dalam tahun 1978 kepada 111,373 metrikton dalam tahun 1979. Kumpulan ikan-ikan palagik yang lebih penting dari segi dagangan yang didaratkan adalah ikan bilis, ikan kembong, ikan tenggiri, ikan selar, ikan selar kuning dan ikan tamban. Pendaratan ikan bilis bertambah sebanyak 130.3% daripada 14,882 metrikton dalam tahun 1978 kepada 34,270 metrikton dalam tahun 1979. Pendaratan ikan kembong bertambah sebanyak 43.5% daripada 23,803 metrikton dalam tahun 1978 kepada 34,153 dalam tahun 1979. Ikan tenggiri bertambah sebanyak 13.7% daripada 4,728 metrikton dalam tahun 1978 kepada 5,375 metrikton dalam tahun 1979. Pendaratan ikan-ikan cincaru dan selayang masing-masing bertambah sebanyak 20.9% dan 9.5% daripada 7,644 metrikton dan 6,025 metrikton dalam tahun 1978 kepada 9,245 metrikton dan 6,599 metrikton dalam tahun 1979.

Hanya ikan selar (termasuk ikan selar kuning dan ikan pelata) dan ikan tamban, salah satu dari jenis ikan pelagik yang terpenting, telah berkurangan dalam tahun 1979. Ikan Selar berkurangan sebanyak 27.8% daripada 7,948 metrikton dalam tahun 1978 kepada 5,741 metrikton dalam tahun 1979. Begitu juga dengan ikan tamban yang telah berkurangan sebanyak 7.1% daripada 5,240 metrikton dalam tahun 1978 kepada 4,867 metrikton dalam tahun 1979. Ingin disebutkan disini pendaratan ikan tamban telah terus merosot selama 4 tahun yang lalu.

Oleh kerana kebanyakan ikan-ikan pelagik ditangkap oleh pukat jerut dan pukat hanyut, kedua-dua pukat ini mengalami masa yang baik dalam tahun 1979. Pendaratan pukat jerut berlebihan sebanyak 58% daripada 54,334 metrikton dalam tahun 1978 kepada 86,083 metrikton dalam tahun 1979 dan pendaratan pukat hanyut bertambah 8% daripada 19,983 metrikton dalam tahun 1978 kepada 21,722 metrikton dalam tahun 1979. Ikan-ikan pelagik yang biasa didaratkan oleh pukat jerut ialah ikan kembong, ikan cincaru, ikan selar, ikan selayang dan ikan tamban. Ikan bilis telah didaratkan khas oleh pukat jerut bilis. Disebaliknya pukat hanyut telah mendaratkan ikan tenggiri, ikan parang dan ikan bawal.

Pukat tunda juga telah mendaratkan sebilangan besar ikan pelagik, terutama bagi jenis pukat tunda "high opening". Manakala pendaratan ikan kembong dan ikan tenggiri telah meningkat pada tahun 1979, pendaratan ikan selar dan ikan tamban sebaliknya telah menurun.

Pendaratan ikan domersal sebaliknya telah berkurangan sebanyak 2% daripada 172,940 metrikton dalam tahun 1978 kepada 169,562 metrikton dalam tahun 1979. Kumpulan ikan domersal mengandungi berbagai jenis tetapi tidak ada jenis yang mempunyai kuantiti yang terbanyak sekali. Walau bagaimana pun jenis-jenis ikan yang banyak didaratkan adalah ikan gelama, ikan lidah, ikan kerisi, ikan biji nangka, ikan duri dan ikan mengkerong.

Lebih kurang 73% pendaratan ikan domersal terdiri daripada ikan baja dan pendaratannya tidak banyak berubah dalam masa 2 tahun yang lalu. Ikan makanan dari kumpulan ikan domersal telah meningkat sebanyak 6.1% dalam tahun 1979 mengatasi tahun 1978. Pendaratan ikan mengkerong telah berkurangan sebanyak 64.3% daripada 5,649 metrikton dalam tahun 1978 kepada 2,017 metrikton dalam tahun 1979, pendaratan Ikan biji nangka telah berkurangan sebanyak 68.6% daripada 1,899 metrikton dalam tahun 1978 kepada 596 metrikton dalam tahun 1979. Ikan duri berkurangan sebanyak 5.6% daripada 3,033

metriktan dalam tahun 1978 kepada 2,863 metriktan dalam tahun 1979, ikan gelama berkurangan sebanyak 3.3% daripada 6,321 metriktan dalam tahun 1978 kepada 6,116 metriktan dalam tahun 1979, ikan lidah dan ikan sebelah berkurangan sebanyak 2% daripada 3,027 metriktan dalam tahun 1978 kepada 2,968 metriktan dalam tahun 1979. Hanya ikan kerisi dari kumpulan ikan-ikan domersal yang penting telah meningkat sebanyak 13.4% dari 4,920 metriktan dalam tahun 1978 kepada 5,577 metriktan pada tahun 1979.

Dengan hanya sedikit kekurangan dalam pendaratan ikan baja dan satu kemerosotan Am terutama semua ikan domersal yang boleh dimakan, perikanan pukut tunda, yang mendaratkan kebanyakan jenis-jenis ikan ini, telah merosot pada tahun 1979.

Pendaratan ikan campur bertambah sebanyak 3.2% daripada 7,317 metriktan dalam tahun 1978 kepada 7,553 metriktan dalam tahun 1979 dan kebanyakan kumpulan ikan ini didaratkan oleh pukut tunda dan pukut hanyut.

Pendaratan krustasia juga merosot sebanyak 13.8% daripada 77,604 metriktan dalam tahun 1978 kepada 66,890 metriktan dalam tahun 1979. Begitu juga dengan pendaratan udang, krustasia yang mustahak sekali, yang berkurangan sebanyak 10.1% daripada 63,017 metriktan dalam tahun 1978 kepada 56,686 metriktan dalam tahun 1979, oleh kerana ikan domersal dan udang telah didaratkan oleh pukut tunda, ini adalah dua kumpulan yang menyebabkan pengurangan dalam pendaratan bagi pukut tunda dalam tahun 1979, pukut bakul juga telah mendaratkan banyak udang (disamping ikan baja dan udang baring) dan kemerosotan dalam udang juga telah mengurangkan pendaratan pukut bakul. Udang baring juga berkurangan sebanyak 34.9% daripada 10,673 metriktan dalam tahun 1978 kepada 6,950 metriktan dalam tahun 1979. Kebanyakan daripada udang baring didaratkan oleh pukut bakul dan dengan pengurangan ini menyebabkan pendaratan oleh pukut bakul telah merosot. Pendaratan ketam juga berkurangan sebanyak 16.90% daripada 3,914 metriktan dalam tahun 1978 kepada 3,254 metriktan dalam tahun 1979.

Pendaratan moluska bertambah sebanyak 13.4% daripada 67,876 metriktan dalam tahun 1978 kepada 76,969 metriktan dalam tahun 1979. Perusahaan kerang, satu jenis daripada kumpulan ini yang mana tersangat penting, telah bertambah sebanyak 14.1% daripada 55,598 metriktan dalam tahun 1978 kepada 63,412 metriktan dalam tahun 1979. Jika kerang tidak termasuk dalam kumpulan pendaratan perikanan laut, pendaratan di Pantai Barat mesti berkurangan sepanjang tahun 1979. Pendaratan sotong juga telah meningkat sebanyak 5% daripada 11,778 metriktan dalam tahun 1978 kepada 12,371 metriktan dalam tahun 1979. Sejumlah besar sotong telah didaratkan oleh pukut tunda dan pendaratan dari jenis sumber ini telah membantu menghentikan kemerosotan dalam pendaratan oleh pukut tunda pada tahun 1979. Lain-lain jenis siput juga telah bertambah sebanyak 137.2% daripada 500 metriktan dalam tahun 1978 kepada 1,186 metriktan dalam tahun 1979.

Walaupun pendaratan ikan pelagik dan moluska telah meningkat pada tahun 1979. Kekurangan dalam pendaratan ikan domersal dan krustasia, yang mana kebanyakan didaratkan oleh pukut tunda dan pukut bakul, telah mengurangkan pendaratan kedua-dua alat menangkap ikan ini dengan 10% dan 24% masing-masing dan oleh kerana pukut tunda bertanggungjawab mendaratkan 49% dari jumlah pendaratan di Pantai Barat, kekurangan pendaratan pukut tunda telah menghadkan kemajuan perusahaan perikanan di Pantai Barat kepada 5% pada tahun 1979.

Pendaratan Pantai Timor

Pendaratan di Pantai Timor dalam tahun 1979 telah merosot sebanyak 10.1% daripada 154,124 metrikton dalam tahun 1978 kepada 138,558 metrikton dalam tahun 1979; Kecuali ikan baja, pendaratan bagi kesemua jenis ikan yang lain telah merosot. Pendaratan ikan pelagik telah menurun sebanyak 6.7% daripada 84,597 metrikton dalam tahun 1978 kepada 78,964 metrikton dalam tahun 1979. Kecuali ikan kembong yang mana telah meningkat sebanyak 21.9% daripada 14,964 metrikton dalam tahun 1978 kepada 18,235 metrikton dalam tahun 1979, keseluruhan ikan pelagik telah merosot dalam tahun 1979. Ikan selar berkurangan sebanyak 5.9% daripada 20,508 metrikton dalam tahun 1978 kepada 19,309 metrikton dalam tahun 1979, ikan selayang berkurangan sebanyak 21.9% daripada 17,641 metrikton dalam tahun 1978 kepada 13,783 metrikton dalam tahun 1979, ikan tamban berkurangan sebanyak 15.5% daripada 10,941 metrikton dalam tahun 1978 kepada 9,244 metrikton dalam tahun 1979 dan ikan aya/tangkol berkurangan sebanyak 23.2% daripada 8,957 metrikton dalam tahun 1978 kepada 6,878 metrikton dalam tahun 1979.

Walaupun musim bagi ikan kembong adalah baik, tetapi dengan kemerosotan dalam ikan-ikan pelagik yang lain telah menyebabkan penurunan dalam pendaratan perikanan-perikanan utama di Pantai Timor pada tahun 1979. Pendaratan oleh pukot jerut berkurangan sebanyak 7% daripada 58,300 metrikton dalam tahun 1978 kepada 53,756 metrikton dalam tahun 1979; pendaratan pukot hanyut berkurangan sebanyak 20% daripada 11,525 metrikton dalam tahun 1978 kepada 9,117 metrikton dalam tahun 1979 dan pendaratan oleh pancing berkurangan sebanyak 5% daripada 10,779 metrikton dalam tahun 1978 kepada 10,182 metrikton dalam tahun 1979. Perikanan-perikanan tersebut bergantung kepada sumber ikan pelagik, yang mana kemerosotan dalam ikan-ikan pelagik telah mengurangkan pendaratan perikanan-perikanan ini pada tahun 1979.

Jumlah pendaratan bagi ikan domersal pada keseluruhannya telah tidak banyak berubah iaitu 46,481 metrikton dalam tahun 1979 jika dibandingkan dengan 46,138 metrikton dalam tahun 1978; iaitu peningkatan sebanyak 0.7%. Peningkatan kecil ini disebabkan oleh satu peningkatan sebanyak 18.9% dalam pendaratan ikan baja yang mana telah bertambah daripada 22,669 metrikton dalam tahun 1978 kepada 26,943 metrikton pada tahun 1979. Ikan perdagangan dari jenis ikan-ikan domersal pendaratannya telah menurun sebanyak 16.8% daripada 23,469 metrikton dalam tahun 1978 kepada 19,538 metrikton dalam tahun 1979, seperti di Pantai Barat, ikan domersal di Pantai Timor juga adalah satu kumpulan ikan yang berbagai jenis. Tetapi jenis-jenis yang utama adalah ikan kerisi, ikan merah, ikan gelama, ikan biji nangka dan ikan duri.

Kecuali ikan merah dan ikan biji nangka pendaratan ikan-ikan tersebut yang lain telah merosot pada tahun 1979. Pendaratan ikan kerisi telah merosot sebanyak 20.8% daripada 5,736 metrikton dalam tahun 1978 kepada 4,546 metrikton dalam tahun 1979, pendaratan ikan gelama merosot sebanyak 25.4% daripada 2,163 metrikton dalam tahun 1978 kepada 1,613 metrikton dalam tahun 1979 dan ikan duri menurun sebanyak 42.7% daripada 1,648 metrikton dalam tahun 1978 kepada 944 metrikton dalam tahun 1979. Pada sebaliknya pula ikan merah telah meningkat sebanyak 11.4% daripada 1,521 metrikton dalam tahun 1978 kepada 1,694 metrikton dalam tahun 1979 dan bagi ikan biji nangka pendaratan telah meningkat sebanyak 2.6% daripada 1,139 metrikton kepada 1,169 metrikton dalam tahun 1979.

Kecuali ikan merah yang ditangkap oleh bubu, kesemua ikan domersal yang lain telah didaratkan khasnya oleh pukut tunda. Tahun ini merupakan satu jangka masa yang buruk bagi perusahaan pukut tunda dimana kemerosotan sebanyak 4% telah berlaku daripada 49,672 metrikton pada tahun 1978 kepada 47,439 metrikton dalam tahun 1979 dan ini disebabkan khas oleh kemerosotan dalam pendaratan ikan-ikan domersal yang utama.

Ikan campur juga merosot sebanyak 38.9% daripada 7,091 metrikton dalam tahun 1978 kepada 4,333 metrikton dalam tahun 1979 dan ini lagi membantu kemerosotan bagi pendaratan di Pantai Timor dalam tahun 1979.

Krustasia juga mengalami masa penurunan dimana pendaratan telah merosot sebanyak 53.8% daripada 11,435 metrikton dalam tahun 1978 kepada 5,284 metrikton dalam tahun 1979. Udang telah menurun sebanyak 17.5% daripada 4,531 metrikton dalam tahun 1978 kepada 3,740 metrikton dalam tahun 1979 dan ini telah menyebabkan penurunan pukut tunda dan pukut bakul sebanyak 4% dan 68% masing-masing. Pengurangan yang sangat besar bagi perusahaan pukut bakul sebanyak 84.5% adalah disebabkan oleh kemerosotan pendaratan udang baring daripada 6,099 metrikton dalam tahun 1978 kepada 947 metrikton dalam tahun 1979. Ketam adalah salah satu daripada jenis krustasia juga telah merosot sebanyak 25.8% daripada 805 metrikton dalam tahun 1978 kepada 597 metrikton dalam tahun 1979.

Dalam kumpulan moluska, hanya sotong, terdapat di Pantai Timor dan ia didaratkan oleh pukut tunda. Pendaratannya juga telah merosot sebanyak 28% daripada 4,856 metrikton dalam tahun 1978 kepada 3,497 metrikton dalam tahun 1979.

Akibat kemerosotan kebanyakan ikan-ikan utama, di Pantai Timor telah menyebabkan penurunan dalam pendaratan perikanan-perikanan utama di Pantai Timor pada tahun 1979. Kemerosotan pendaratan di Pantai Timor pada tahun 1979 adalah 10% berbanding dengan tahun 1978. Manakala penurunan dalam ikan-ikan domersal, udang dan sotong telah menurunkan pendaratan pukut tunda; kemerosotan dalam ikan-ikan pelagik dan udang baring sebaliknya telah menurunkan pendaratan pukut jerut dan lain-lain perikanan kecil-kecilan. Musim ikan buruk ini khas berlaku di negeri-negeri Trengganu dan Johor Timor di mana perikanan utama seperti pukut jerut yang bergantung kepada ikan-ikan pelagik. Oleh itu kemerosotan ikan-ikan pelagik levi, berkesan dikedua-dua negeri ini jika dibandingkan dengan negeri-negeri lain di Pantai Timor. Boleh dikatakan penurunan dalam pendaratan sebanyak 10% pada tahun 1979 adalah disebabkan oleh kemerosotan pendaratan sebanyak 13% dan 15% di negeri-negeri Trengganu dan Johor Timor.

Nilai Pendaratan dan Penternakan Laut pada 1979

Jumlah nilai borong pendaratan dan penternakan laut pada tahun 1979 adalah \$988 juta. Berbanding kepada tahun 1978, nilai pendaratan pada tahun ini menunjukkan satu penurunan. Penurunan ini bukanlah disebabkan oleh satu penurunan sebenar di dalam harga ikan tetapi adalah kerana klasifikasi semula dalam jenis dan gred ikan yang digunakan untuk menganggarkan nilai pendaratan. Klasifikasi baru adalah perlu kerana kenaikan harga berbagai jenis ikan yang telah naik daripada gred rendah kepada gred-gred yang lebih tinggi. Perubahan dalam harga telah disebabkan oleh perubahan dalam permintaan

dan bekalan bagi jenis-jenis ikan ini. Oleh kerana ikan adalah digredkan mengikut harga mereka, klasifikasi yang lama tidak lagi sesuai untuk menunjukkan nilai ikan yang sebenarnya. Klasifikasi ikan mengikut gred tahun 1979 telah disediakan dengan mengambil perhatian perubahan-perubahan ini. Harga purata bagi setiap gred ikan adalah diasaskan diatas jenis-jenis ikan terpilih yang biasa didaratkan dan dipasarkan. Berasaskan diatas harga-harga purata ini, nilai pendaratan adalah dikirakan mengikut gred ikan.

Juga, bukan seperti tahun yang lalu, udang pada tahun ini adalah digredkan dan dinilai mengikut tiga gred, iaitu, besar, sederhana dan kecil. Klasifikasi baru ini akan menunjukkan satu nilai udang yang lebih tepat. Ini adalah kerana perbezaan harga udang diantara saiz adalah jauh.

Ini adalah sebab-sebab jumlah nilai pendaratan dan penternakan menunjukkan satu penurunan apabila dibandingkan dengan tahun 1978. Harga borong purata sekati* ikan pada tahun 1979 bagi gred I, II dan III adalah \$3.07, \$1.42 dan \$0.64 masing-masing. Harga borong purata sekati udang besar, sederhana dan kecil adalah \$8.57, \$4.40 dan \$1.77 masing-masing. Harga purata sepikul⁺ ikan baja adalah \$10.21 di Pantai Barat dan \$4.17 di Pantai Timor, manakala harga purata sekati siput adalah \$0.41.

Dari segi nilai pendaratan mengikut jenis perikanan, pukut tunda telah mendaratkan ikan bernilai \$352 juta. Ini adalah kerana pukut tunda adalah perikanan yang utama sekali dan juga kerana alat ini mendaratkan banyak udang. Perikanan pukut jerut telah mendaratkan ikan bernilai \$293 juta pada tahun 1979. Diantara perikanan kecil-kecilan, yang penting sekali adalah pukut hanyut dan alat ini telah mendaratkan ikan bernilai \$112 juta pada tahun 1979 manakala semua perikanan kecil-kecilan yang lain telah mendaratkan ikan bernilai \$187 juta. Dibawah kumpulan siput, kerang adalah jenis yang terbanyak sekali dan nilai pendaratan kerang dan lain-lain siput dalam kumpulan ini pada tahun 1979 adalah \$44 juta.

* 1 kilogramme = 1.6535 kati

+ 1 Metrikton = 16.53 pikul

Perdagangan Luar Negeri dalam Barangan Perikanan

Perangkaan Perdagangan barangan perikanan yang sementara menunjukkan bahawa kedua-dua impot dan eksport telah bertambah dalam tahun 1979. Bagaimana pun, dalam masa lima tahun yang lalu, impot terus meningkat melebihi eksport dari segi kuantiti. Ini disebabkan oleh permintaan dalam negeri telah bertambah melebihi bekalan ikan yang ada. Imbangan perdagangan yang tidak menguntungkan ialah 32,793 tan dalam kuantiti impot bersih, bagaimana pun kerugian ini dalam kuantiti impot telah digantikan dengan kelebihan perdagangan sebanyak \$179 juta dalam nilai eksport bersih. Kelebihan dari segi nilai eksport amatlah ketara jika dibandingkan dengan impot, kerana barangan eksport kita adalah bernilai tinggi.

Jumlah impot ke Semenanjung Malaysia dalam tahun 1979 adalah \$131 juta dimana bertambah 19% melebihi tahun 1978. Impot utama ikan dan udang basah, disejukkan atau

dibekukan yang mana bertanggung jawab sebanyak \$54 juta atau 41% dari jumlah impot, ikan dan udang kering/masin/diasap atau direbus yang mana bertanggung jawab sebanyak \$17 juta atau 13% dari jumlah impot; dan ikan yang ditinkan bertanggung jawab sebanyak \$35 juta atau 27% dari jumlah impot. Negara-negara pengekspot utama ke Semenanjung Malaysia adalah Negeri Thai dan Jepun. Manakala sejumlah besar eksport Thai adalah ikan basah, disejukkan dan kering atau masin, eksport Jepun yang utama ialah keluaran ikan yang ditinkan.

Jumlah eksport dalam tahun 1979 dari Semenanjung Malaysia adalah \$310 juta dimana bertambah 55% melebihi tahun 1978. Eksport paling utama ialah ikan basah/disejukkan atau dibekukan yang mana bertanggung jawab sebanyak \$20 juta atau 6% dari jumlah eksport; udang basah/disejukkan atau dibekukan yang mana bertanggung jawab sebanyak \$170 juta atau 55% dari jumlah eksport; ikan kering/masin/ diasap atau direbus yang mana bertanggung jawab sebanyak \$45 juta atau 15% dari jumlah eksport; dan pengeluaran ikan yang ditinkan bertanggung jawab sebanyak \$41 juta atau 13% dari jumlah eksport. Negara-negara pengimpot dari Semenanjung Malaysia adalah Singapura, Jepun dan United Kingdom. Manakala eksport utama ke Singapura adalah ikan, udang dan moluska yang basah atau disejukkan, eksport utama ke Jepun dan United Kingdom adalah udang, ikan, lain-lain krustasia dan moluska yang dibekukan.

SABAH

Pendaratan dalam Tahun 1979

Pendaratan dan Penternakan Ikan di Sabah telah bertambah dengan baiknya untuk sepuluh tahun yang lalu, kecuali pada tahun 1976 terdapat sedikit kemerosotan. Aliran dalam pendaratan dan penternakan menunjukkan bahawa perikanan disini adalah perikanan yang stabil dengan sedikit kemajuan didalam perusahaan ini. Aliran ini adalah semulajadi bagi Negeri Sabah dimana sumber perikanan dikawasan perairan Sabah adalah banyak dan tekanan usaha-usaha perikanan diatas sumber ini bukan sahaja terhad tetapi adalah sama dari setahun kesetahun. Oleh kerana di Pantai Timur Sabah kemajuan perikanan adalah baik, sejumlah besar pendaratan adalah dikawasan ini. Perikanan yang utama di Sabah ialah perikanan pukat tunda udang dimana kemajuan yang baik tidak hanya dari segi bot-bot perikanan tetapi juga dari segi kemudahan didarat bagi perikanan ini. Semua perikanan lain-lain merupakan perikanan secara kecil-kecilan.

Jumlah pendaratan dan penternakan dalam tahun 1979 adalah sebanyak 41,900 tan menunjukkan suatu pertambahan yang kecil iaitu 0.7% melebihi tahun 1978. Lebih kurang 96% atau 40,200 tan pendaratan ikan datang daripada pendaratan ikan laut, sementara pengeluaran perikanan darat hanya 4% atau 1,700 tan. Jumlah nilai pendaratan dalam tahun 1979 adalah lebih kurang \$120 juta dimana perikanan laut sahaja lebih kurang \$114 juta, dengan baki sebanyak \$6 juta adalah dari hasil perikanan darat.

Pada tahun 1979 pendaratan dan penternakan telah mengeluarkan 30,400 tan ikan laut, 8,500 tan krustesea, 1,000 tan moluska, 300 tan adalah hidupan diair dan haiwan dan 1,700 tan adalah ikan darat. Pada keseluruhannya terdapat sedikit pertukaran dalam kuantiti dan jenis ikan yang didaratkan. Bagaimana pun, terdapat kemerosotan yang kecil dalam pendaratan flounders dan soles, mackerels dan billfishes, slipmouths, moluska dan pengeluaran hidupan laut seperti corals dan pearls dalam tahun 1979 berbanding dengan tahun 1978. Satu pengecualian dalam kumpulan ikan-ikan ini adalah mackerels dan billfish dimana berkurangan sebanyak 41% dalam tahun 1979 berbanding dengan tahun 1978 telah berlaku. Keseluruhan kumpulan species yang lain menunjukkan pertambahan dalam tahun 1978, walaubagaimana pun pertambahan ini adalah sedikit sahaja.

Antara kumpulan species yang penting adalah redfish, basses, congers dan lain-lain, jacks, mullets dll. mackerels, billfishes dll. dan krustesea. Kumpulan krustesea kebanyakannya udang laut adalah kumpulan yang penting dari segi perdagangan di Negeri Sabah. Jumlah nilai krustesea pada tahun 1979 adalah \$49,500,000 dan ini merupakan 41% daripada jumlah nilai pendaratan bagi Sabah pada tahun 1979.

Perdagangan Luar Negeri dalam Barangan Perikanan

Jumlah penggunaan ikan dalam tahun 1979 bagi Negeri Sabah adalah 45,058 tan. Manakala jumlah pengeluaran hanya 41,600 tan, kekurangan dalam bekalan ikan telah dapat diatasi dengan cara mengimpot. Jumlah ikan-ikan yang diimpot ke Sabah dalam tahun 1979 adalah sebanyak 7,719 tan berniali \$12.8 juta, manakala jumlah ikan-ikan yang diekspot dari Sabah

pada tahun 1979 sebanyak 4,260 tan bernilai \$45 juta. Berbanding pada tahun 1978, impot telah bertambah sebanyak 2,524 tan dan \$1 juta dalam tahun 1979, manakala eksport juga bertambah sebanyak 459 tan dan \$10 juta.

Dari perkara diatas ternyata Sabah merupakan bukan sahaja pengimport bersih ikan (iaitu 3,459 tan) dalam tahun 1979, jika dibandingkan dengan tahun 1978, tetapi kuantiti impot juga bertambah dengan menunjukkan keperluan ikan semakin bertambah besar. Impot utama adalah diatas keluaran ikan yang ditinkan. Dari segi kuantiti kadar perdagangan tidak menguntungkan dalam tahun 1979, sebaliknya kelebihan dagangan amatlah tinggi dari segi nilainya. Dalam tahun 1979 eksport bersih bernilai \$32 juta. Satu daripada eksport yang utama adalah udang, dimana ditunjukkan eksport bersih sebanyak 3,020 tan bernilai \$41.6 juta dalam tahun 1979. Nilai udang yang diekspotkan adalah merupakan 92% daripada jumlah nilai eksport bagi Sabah dalam tahun 1979.

SARAWAK

Pendaratan Tahun 1979

Semenjak tahun 1972, pendaratan laut di negeri Sarawak telah terus meningkat kecuali tahun 1978 dimana kemerosotan sebanyak 7% telah berlaku disebabkan oleh kekurangan pendaratan ubur-ubur. Pada tahun 1979 jumlah pendaratan laut untuk negeri Sarawak adalah sebanyak 82,293 metrikton, iaitu kenaikan sebanyak 6% melebihi tahun 1978. Walau pun perikanan ubur-ubur belum lagi memulih dalam pendaratannya, pertambahan pada tahun ini adalah disebabkan oleh pendaratan-pendaratan ikan.

Perikanan utama di negeri Sarawak adalah terdiri daripada pukut tunda dan pukut hanyut. Pukut tunda adalah lebih penting daripada dua jenis perikanan ini dan telah mendaratkan sebanyak 58,839 metrikton ikan dalam tahun 1979. Jika dibandingkan dengan tahun 1978, pendaratan pukut tunda telah menunjukkan satu kenaikan sebanyak 12% dalam tahun 1979. Perikanan pukut hanyut telah mendaratkan sebanyak 12,034 metrikton dalam tahun 1979 yang merupakan 15% daripada jumlah pendaratan ikan. Tidak seperti pukut tunda, pendaratan perikanan pukut hanyut telah merosot sebanyak 8% dalam tahun 1979 jika dibandingkan dengan tahun lalu. Manakala, diantara perikanan kecil-kecilan telah mendaratkan sebanyak 13% daripada jumlah pendaratan dimana perubahan pendaratannya adalah sedikit sahaja dalam tahun 1979. Kecuali perangkap-perangkap, pukut bakul, pukut rentang dan pancing telah menunjukkan satu kenaikan yang kecil pada tahun 1979 jika dibanding dengan tahun 1978, manakala lain-lain perikanan kecil-kecilan telah menunjukkan satu kemerosotan yang kecil untuk tahun ini.

Pendaratan bagi tahun 1979 adalah terdiri daripada 63,257 metrikton ikan 17,717 metrikton krustasia, 878 metrikton moluska dan 441 metrikton ubur-ubur. Seperti di Semenanjung Malaysia, jenis-jenis ikan di negeri Sarawak adalah banyak. Manakala diantara jenis-jenis yang utama adalah jenis demersal yang kebanyakannya didaratkan oleh pukut tunda yang telah menunjukkan satu kenaikan pada tahun 1979 jika dibandingkan dengan tahun lalu. Kumpulan ikan-ikan utama yang didaratkan adalah terdiri daripada ikan baja yang telah meningkat sebanyak 12% daripada 13,761 metrikton dalam tahun 1978 ke 15,392 metrikton dalam tahun 1979; pendaratan ikan duri juga telah meningkat daripada 4,294 metrikton dalam 1978 ke 5,070 metrikton dalam tahun 1979 atau sebanyak 18% dan pendaratan ikan gelama telah meningkat sebanyak 24% daripada 3,513 metrikton dalam tahun 1978 ke 4,368 metrikton dalam tahun 1979. Diantara krustasia, udang ialah jenis yang penting sekali dimana pendaratannya telah meningkat daripada 14,210 metrikton dalam tahun 1978 ke 16,252 metrikton dalam tahun 1979 atau sebanyak 15%.

Ikan-ikan pelajik yang utama adalah terdiri daripada ikan seladang, ikan kembong dan ikan puput. Jenis-jenis ikan adalah kebanyakannya didaratkan oleh pukut hanyut dan pukut tunda, kecuali ikan puput yang telah meningkat sebanyak 149% daripada 1,039 metrikton dalam tahun 1978 ke 2,584 metrikton dalam tahun 1979 manakala pendaratan ikan kembong dan ikan seladang telah merosot sebanyak 937 metrikton dan 1,070 metrikton masing-masing atau sebanyak 25% dan 53% masing-masing. Kekurangan dua jenis ikan pelagik utama ini dan juga kemerosotan lain-lain jenis ikan demersal dan pelajik dalam tahun 1979 jika dibandingkan dengan tahun lalu telah menyebabkan kemerosotan pendaratan pukut hanyut dalam tahun 1979 dan 1978.

Impot dan Ekspot Barang-barang Perikanan

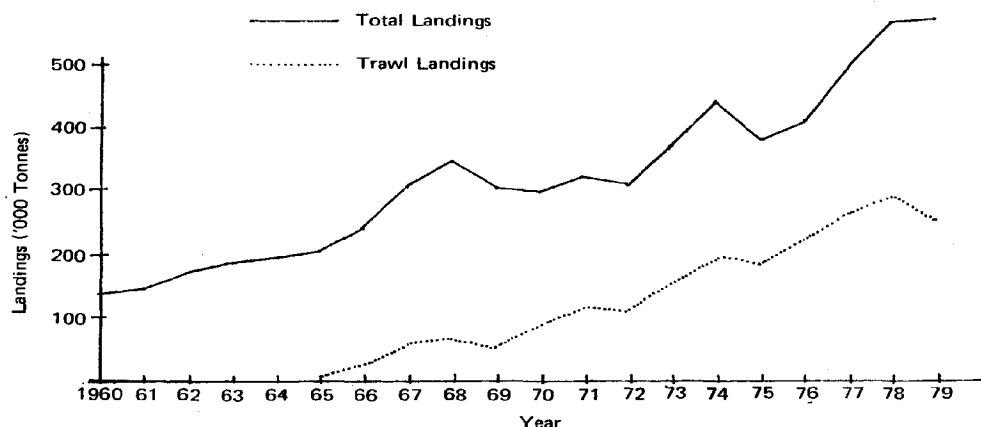
Seperti negeri Sabah, negeri Sarawak mempunyai sumber ikan yang kaya tetapi negeri Sarawak mesti menjadi pengimpot ikan dari segi quantiti manakala dari segi nilai. Sarawak masih mendapat kelebihan perdagangan luar bersaing ikan. Jumlah impot dalam tahun 1979 adalah 5,585 metrikton yang bernilai \$10.8 juta manakala jumlah ekspot adalah 3,695 metrikton yang bernilai \$26 juta. Dari segi quantiti jika dibandingkan dengan tahun 1978, impot telah bertambah sebanyak 176% dan ekspot sebanyak 103% manakala dari segi nilai kenaikan sebanyak 132% dalam impot dan sebanyak 186% dalam ekspot. Seperti negeri Sabah impot utama adalah terdiri daripada ikan yang ditinkan, persedian ikan yang ditinkan dan ikan kering/masin manakala ekspot utama adalah udang.

Negeri-negeri perdagangan utama dengan negeri Sarawak adalah Semenanjung Malaysia dan Jepun.

GENERAL REVIEW

PENINSULAR MALAYSIA

Trend of Annual Landings



The trend of annual marine fisheries landings and cultures (excluding freshwater fisheries) continues to increase although the increase during the last 3 years has been at a declining rate. Whereas the rate of increase in 1977 was 21%, in 1978 it was 13% and in 1979 it was only 1%.

Prior to 1968 the increase in annual landings has been continuous in nature culminating in the 1968 peak. Subsequent to 1968 the trend in landings has been following a 3 to 4 year cycle where every peak year is followed by a decline. It is also noted that each peak was on a higher level than the preceeding peak. The explanation for this trend in landings is that whereas the increase in landings prior to 1968 was brought about by an increase in fishing effort in the form of increased number of mechanized fishing vessels, especially trawlers, the increases since 1968 were mainly the result of periodic abundance in pelagic fish stocks. This explains the cyclical nature of the landings during this period. As to why each peak was higher than the preceeding one, even though there was no substantial increase in the number of fishing vessels corresponding to the increase in landings, the reason is due to the change in fishing pattern where effort was increased not so much through an increase in the fishing fleet, but rather through the use of bigger and better boats making fishing trips and hauls of longer duration. The increase of fishing effort in this way is especially evident among the trawl and purse seine fleets of the West Coast, which together are responsible for about 81% of the total West Coast landings (excluding shellfish). The density of abundance of pelagic fish stocks during each peak year is another reason for the increasing levels of landings at each peak.

Landings in 1979

Total landings by marine fisheries and cultures in 1979 was 570,905 tonnes, which is only an increase of 1% over 1978 landings. The poor performance of the industry in 1979 was due to poor landings of almost all the major species groups, with the exception of pelagic fish and cockles.

As in the last 3 years, pelagic fish landings continued to increase. The pelagic fish landings in 1979 increased by 12.3% from 169,511 tonnes in 1978 to 190,337 tonnes in 1979.

However, landings of demersal fish declined by 1.4% from 219,078 tonnes in 1978 to 216,043 tonnes in 1979. Trash fish, which constitutes about 70% of demersal landings, increased by 2.7% from 146,561 tonnes in 1978 to 150,454 tonnes in 1979, whereas demersal food fish landings declined by 9.6% from 72,517 tonnes in 1978 to 65,589 tonnes in 1979.

Unsorted and unidentified fishes also declined by 17.5% from 14,408 tonnes in 1978 to 11,885 tonnes in 1979.

Finfishes, as a group, increased by 3.8% from 402,297 tonnes in 1978 to 418,265 tonnes in 1979 and this increase was brought about by the increases in pelagic and trash fish landings.

Crustaceans also declined by 19% from 89,039 tonnes in 1978 to 72,174 tonnes in 1979. Prawns, which is the most important crustacean both quantity and value wise, declined by 10.6% from 67,548 tonnes in 1978 to 60,426 tonnes in 1979. In fact this is the first time in recent years where there was a decline in prawn landings. Sergestid shrimps also declined by a hefty 52.9% from 16,772 tonnes in 1978 to 7,897 tonnes in 1979. Crabs too declined by 18.4% from 4,719 tonnes in 1978 to 3,851 tonnes in 1979.

Among molluscs, the only decline was in squids and cuttlefish landings which declined by 4.6% from 16,634 tonnes in 1978 to 15,868 tonnes in 1979. Cockles and shellfish on the other hand increased by 14.1% and 134% respectively. As a group, mollusc landings increased by 10.6% from 72,739 tonnes in 1978 to 80,466 tonnes in 1979.

West Coast Landings

West Coast landings in 1979 increased by 5.3% over 1978. This increase was brought about by the relative abundance of pelagic fish and molluscs. Demersal fish and crustaceans on the other hand declined in 1979.

Pelagic fish landings increased by 31.2% from 84,914 tonnes in 1978 to 111,373 tonnes in 1979. The commercially more significant pelagic species currently landed are anchovies, mackerels, scads and sardines. Anchovy landings increased by 130.3% from 14,882 tonnes in 1978 to 34,270 tonnes in 1979; indian mackerel landings increased by 43.5% from 23,803 tonnes in 1978 to 34,153 tonnes in 1979; spanish mackerels increased by 13.7%

from 4,728 tonnes in 1978 to 5,375 tonnes in 1979; hardtail scads and roundscads increased by 20.9% and 9.5% from 7,644 tonnes and 6,025 tonnes in 1978 to 9,245 tonnes and 6,599 tonnes in 1979 respectively.

Selar scads (including yellow tail and gold banded scads) and sardines were the only significant pelagic species to decrease in 1979. Selar scads decreased by 27.8% from 7,948 tonnes in 1978 to 5,741 tonnes in 1979, while sardines decreased by 7.1% from 5,240 tonnes in 1978 to 4,867 tonnes in 1979. In fact there has been a continuous decline in sardine landings during the last 4 years or so.

As the bulk of pelagic fishes were caught by purse seines and drift/gillnets, both these fisheries thus had a good year in 1979. Purse seine landings increased by 58% from 54,334 tonnes in 1978 to 86,083 tonnes in 1979, while drift/gillnet landings increased by 8% from 19,983 tonnes in 1978 to 21,722 tonnes in 1979. The common pelagic species landed by fish purse seines were indian mackerel, hardtail, selar and round scads, and sardines. Anchovy was landed almost exclusively by anchovy purse seines. Drift/gill nets on the other hand mainly landed spanish mackerels, wolf herrings and pomfrets.

Trawlers also landed a sizeable quantity of pelagic fishes with the aid of the high-opening trawl net. While the landings of indian and spanish mackerels by trawlers increased this year, landings of selar scads and sardines declined.

Demersal fish landings on the other hand declined by 2% from 172,940 tonnes in 1978 to 169,562 tonnes in 1979. The demersal fish group is composed of a large number of species none of which is individually abundant. However the common ones are jewfish, tongue sole and indian halibut, threadfin bream, goatfish, marine catfishes and lizard fish.

About 73% of demersal landings is made up of trashfish, the quantity of which remained almost stagnant during the last 2 years. However, the foodfish content of demersal fishes declined by 6.1% in 1979 over 1978. Lizardfish landings declined by 64.3% from 5,649 tonnes in 1978 to 2,017 tonnes in 1979, goatfish landings declined by 68.6% from 1,899 tonnes in 1978 to 596 tonnes in 1979; marine catfishes declined by 5.6% from 3,033 tonnes in 1978 to 2,863 tonnes in 1979; jawfish landings declined by 3.3% from 6,321 tonnes in 1978 to 6,116 tonnes in 1979; and tongue sole/indian halibut landings declined by 2% from 3,027 tonnes in 1978 to 2,968 tonnes in 1979. Threadfin bream was the only significant demersal specie which showed an increase of 13.4% from 4,920 tonnes in 1978 to 5,577 tonnes in 1979.

With an insignificant drop in trashfish landings and a general decline of almost all the common demersal foodfishes in 1979 over 1978, the trawl fisheries, which lands the bulk of the demersal fishes, was badly affected with a decline in landings in 1979.

Unsorted and unidentified fishes increased by 3.2% from 7,317 tonnes in 1978 to 7,553 tonnes in 1979. The bulk of these are mainly landed by trawl and drift/gill net fisheries.

Crustacea landings also declined by 13.8% from 77,604 tonnes in 1978 to 66,890 tonnes in 1979. Prawn, which is the main crustacean, declined by 10.1% from 63,017 tonnes in 1978 to 56,686 tonnes in 1979. As prawns and demersal fishes comprise the bulk of trawl landings, therefore the decline in these two groups was the main reason for the decline in trawl landings in 1979. Bagnet is another fishery which lands a lot of prawns (besides trashfish and sergestid shrimps) and the decline in prawns also affected this fishery with reduced landings. Sergestid shrimps also declined by 34.9% from 10,673 tonnes in 1978 to 6,950 tonnes in 1979. As the bulk of these shrimps are landed by bagnets, therefore the decline in these shrimps further affected the bagnet fishery which already had a poor season for prawns in 1979. Crabs too declined in landings by 16.9% from 3,914 tonnes in 1978 to 3,254 tonnes in 1979.

Landings of molluscs increased by 13.4% from 67,876 tonnes in 1978 to 76,969 tonnes in 1979. The most important component of this group is the cockle whose production increased by 14.1% from 55,598 tonnes in 1978 to 63,412 tonnes in 1979. In fact, if cockles were excluded from marine landings, the west coast marine landings would have shown a decline in 1979. Squids and cuttlefish landings also increased by 5% from 11,778 tonnes in 1978 to 12,371 tonnes in 1979. The bulk of squids and cuttlefish were landed by trawlers and this helped to arrest the further decline in trawl landings in 1979. Other shellfish also increased by 137.2% from 500 tonnes in 1978 to 1,186 tonnes in 1979.

Thus despite ~~the~~ increases in pelagic fishes and molluscs, the general decline in demersal fishes and crustacea, which form the bulk of trawl and bagnet landings, brought about a decline in trawl and bagnet fisheries by 10% and 24% respectively; and as trawlers alone account for 49% of total west coast landings in 1979, the decline in their landings greatly restricted the overall growth of the industry to only 5% in 1979.

East Coast Landings

The east coast fisheries had a bad year in 1979 as landings declined by 10.1% from 154,124 tonnes in 1978 to 138,558 tonnes in 1979. With the exception of trashfish, all other fish species declined in 1979 over 1978.

Pelagic landings declined by 6.7% from 84,597 tonnes in 1978 to 78,964 tonnes in 1979. With the exception of indian mackerels, which increased by 21.9% from 14,964 tonnes in 1978 to 18,235 tonnes in 1979, all the other major pelagic species declined in 1979. Selar scads declined by 5.9% from 20,508 tonnes in 1978 to 19,309 tonnes in 1979; round-scads declined by 21.9% from 17,641 tonnes in 1978 to 13,783 tonnes in 1979; sardines declined by 15.5% from 10,941 tonnes in 1978 to 9,244 tonnes in 1979; and little tuna declined by 23.2% from 8,957 tonnes in 1978 to 6,878 tonnes in 1979.

Despite the good season for indian mackerels, the decline of all the major pelagic species in 1979 brought about a decrease in the landings of the major fisheries on the East Coast. Purse seine landings declined by 7% from 58,300 tonnes in 1978 to 53,756 tonnes in 1979; drift/gillnet landings declined by 20% from 11,525 tonnes in 1978 to 9,117 tonnes in 1979; and handline landings declined by 5% from 10,779 tonnes in 1978 to 10,182 tonnes in 1979. As these fisheries are dependent on the pelagic resources, the scarcity in pelagic fishes seriously affected the landings of these fisheries in 1979.

Total demersal fish landings on the other hand, remained almost constant at 46,481 tonnes in 1979 as compared to 46,138 tonnes in 1978 — i.e. an increase of 0.7%. Even this small increase was brought about by the 18.9% increase in trashfish landings which increased from 22,669 tonnes in 1978 to 26,943 tonnes in 1979. Demersal foodfish landings declined by 16.8% from 23,469 tonnes in 1978 to 19,538 tonnes in 1979. As on the west coast, the demersal landings on the East Coast is multispecies in nature. However, the more common ones are threadfin breams, red snappers, jewfishes, goat fishes and marine catfishes. Except for red snappers and goatfishes, the landings of all the other species declined in 1979. Threadfin bream landings declined by 20.8% from 5,736 tonnes in 1978 to 4,546 tonnes in 1979; jewfish landings declined by 25.4% from 2,163 tonnes in 1978 to 1,613 tonnes in 1979; and marine catfishes declined by 42.7% from 1,648 tonnes in 1978 to 944 tonnes in 1979. Redsnappers on the other hand increased by 11.4% from 1,521 tonnes in 1978 to 1,694 tonnes in 1979; and goatfish landings increased by 2.6% from 1,139 tonnes in 1978 to 1,169 tonnes in 1979.

With the exception of red snappers, which are mainly caught by traps, all the other demersal species are mainly landed by trawlers. Thus the poor catches of these species in 1979 greatly contributed to the 4% decline in trawl landings from 49,672 tonnes in 1978 to 47,439 tonnes in 1979.

Unsorted and unidentified fishes also declined by 38.9% from 7,091 tonnes in 1978 to 4,333 tonnes in 1979, thus contributing to the overall decline in east coast landings in 1979.

It was a bad year too for crustaceans whose landings declined by 53.8% from 11,435 tonnes in 1978 to 5,284 tonnes in 1979. Prawns declined by 17.5% from 4,531 tonnes in 1978 to 3,740 tonnes in 1979, thus contributing to the 4% and 68% decline in trawl and bagnet fisheries respectively. However the big decline in bagnet fishery was mainly the result of the 84.5% decline in Sergestid shrimps from 6,099 tonnes in 1978 to only 947 tonnes in 1979. Crabs, a minor crustacean, declined too by 25.8% from 805 tonnes in 1978 to 597 tonnes in 1979.

Squids and cuttlefish are the only molluscs landed on the east coast, and these are mainly landed by trawlers. Their landings too declined by 28% from 4,856 tonnes in 1978 to 3,497 tonnes in 1979.

The poor season for almost all the major species on the east coast resulted in nearly all the fisheries showing a decline in landings in 1979, thus causing a 10% decrease in 1979 over 1978 landings on the east coast. Whereas the decrease in demersal fishes, prawns, squids and cuttlefish reduced trawl landings, the decrease in pelagic fishes and sergestid shrimps reduced purse seine and other traditional fisheries landings. The poor season in 1979 was especially felt in Trengganu and East Johore where the main fisheries, such as the purse seine fishery, is dependent on pelagic fishes. Thus decline in pelagic fishes had a greater impact on Trengganu and East Johore than on the other east coast states. In fact the 10% decline in east coast landings in 1979 was brought about by a 13% and 15% decline in Trengganu and East Johore landings respectively.

Total imports into Peninsular Malaysia in 1979 was \$131 million which is a 19% increase over 1978. The main imports were fresh/chilled/frozen fish and prawns which accounted for \$54 million or 41% of total imports; dried/salted/smoked/boiled fish and prawns which accounted for \$17 million or 13% of total imports; and canned fish products accounting for \$35 million or 27% of total imports. The major exporting countries to Peninsular Malaysia are Thailand and Japan. Whereas the bulk of Thai exports are mainly fresh or chilled and dried or salted fish products, the Japanese exports are chiefly canned fish products.

Total exports in 1979 from Peninsular Malaysia was \$310 million which is a 55% increase over 1978. The major export items were fresh/chilled/frozen fish which accounted for \$20 million or 6% of total exports; fresh/chilled/frozen prawns which accounted for \$170 million or 55% of total exports; dried/salted/smoked/boiled fish produce which accounted for \$45 million or 15% of total exports, and canned fish products which accounted for \$41 million or 13% of total exports. The importing countries from Peninsular Malaysia were Singapore, Japan and the United Kingdom. Whereas the exports to Singapore were mainly fresh or chilled fish, prawns and molluscs, the exports to Japan and the United Kingdom were mainly frozen prawns, frozen fish and other frozen crustaceans and molluscs.

SABAH

Landings in 1979

Sabah's fish landings and cultures have been steadily increasing for the last 10 years with the exception of 1976 when there was a slight decline. This trend in landings and cultures indicates that the fisheries here is a stable fishery with very little development within the industry. Such a trend is natural in Sabah's case as there is a substantial fish resource in the waters around Sabah and the fishing effort on this resource is not only limited but also more or less constant over the years. As the east coast of Sabah has a fairly developed fishery, the bulk of landings is on the east coast. The most important fishery in Sabah is the prawn trawl fishery which is fairly developed not only in terms of the fishing fleet but also in terms of shore facilities supporting this fishery. All the other fisheries are mainly very small scale traditional fisheries.

Total landings and cultures in 1979 was 41,900 tonnes indicating a very marginal increase of 0.7% over 1978. About 96% or 40,200 tonnes of this landings comes from marine landings while freshwater fish production accounts for a mere 4% or 1,700 tonnes. The total value of landings in 1979 was about \$120 million out of which marine landings alone accounted for about \$114 million, with the balance of \$6 million accounted for by freshwater fish production.

The 1979 landings and cultures constituted of 30,400 tonnes of marine fish, 8,500 tonnes of crustaceans, 1,000 tonnes of molluscs, 300 tonnes of other aquatic plants and animals, and 1,700 tonnes of freshwater fish. On the whole there was very little change in the quantities and types of fish landed. However, there was a small decrease in the landings of flounders and soles, mackerels and billfishes, slipmouths, molluscs and inedible aquatic produce such as corals and pearls in 1979 as compared to 1978. The only exception in this group of fishes was the mackerels and billfishes group which decreased by a hefty 41% in 1979 over 1978. All the other species groups showed an increase in 1978 however these increases were only marginal.

Among the dominant species groups are redfishes, basses, congers etc.; jacks, mullets etc; mackerels, billfishes etc.; and crustaceans. The crustacean group, which is chiefly marine prawns, is the most important commercial species in Sabah. Total value of crustaceans in 1979 was \$49,500,000 which is 41% of the total value of Sabah's 1979 total landings.

Foreign Trade in Fishery Commodities

Total domestic consumption of fish in 1979 for Sabah was 45,058 tonnes. As total domestic production was only 41,600 tonnes, the shortfall in supply was overcome by imports.

Total fisheries imports into Sabah in 1979 was 7,719 tonnes valued at \$12.8 million, while total fisheries exports from Sabah for 1979 was 4,260 tonnes valued at \$45 million. Compared to 1978, imports increased by 2,524 tonnes and by \$1 million in 1979, while exports increased by 459 tonnes and by \$10 million.

From the above it is noted that not only is Sabah a net importer of fish (i.e. by 3,459 tonnes) in 1979, when compared to 1978, the quantity of imports have also increased indicating a growing domestic demand for fish. The main imports were in the form of canned fish products. This unfavourable terms of trade in 1979 in quantity terms was however offset by a very favourable surplus trade balance in value terms. Net exports in value terms was \$32 million in 1979. The single most important export item was prawns which showed a net export of 3,020 tonnes valued at \$41.6 million in 1979. Prawns alone accounted for 92% of the total value of exports of Sabah in 1979.

SARAWAK

Landings in 1979

Since 1972 Sarawak's marine landings had been steadily increasing with the exception of 1978 when there was a decline of 7% due mainly to the decline in jelly-fish landings. In 1979 total marine landings for Sarawak was 82,293 tonnes which is an increase of 6% over 1978. Even though the jelly-fish fishery has yet to recover, the increase in 1979 landings was brought about by the increase in fish landings.

The two major fisheries in Sarawak are the trawl and the drift/gill net fisheries. The trawl fishery is the more important of these two fisheries and landed 58,839 tonnes of fish in 1979. Trawl landings alone was 72% of the total landings in 1979. Compared to 1978, there was an increase of 12% in trawl landings in 1979. The drift/gill net fishery landed 12,034 tonnes in 1979 which is 15% of total landings. But unlike the trawl fishery, landings by drift/gill net fishery declined by 8% in 1979 as compared to 1978. Among the minor fisheries, which together accounted for 13% of total landings, there was very little changes in 1979. With the exception of fishing stakes, bag nets, barrier nets and hooks/lines which showed small increases in 1979 over 1978, all the other minor fisheries showed slight decreases in their landings this year.

The 1979 landings composed of 63,257 tonnes of fish, 17,717 tonnes of crustaceans, 878 tonnes molluscs and 441 tonnes of jelly fish. Similar to Peninsular Malaysia the number of fish species in Sarawak is numerous, but however, among the dominant species it was noted that most of the demersal species, mainly landed by trawlers, showed increases in 1979 over 1978. The most dominant fish group was trashfish which increased by 12% from 13,761 tonnes in 1978 to 15,392 tonnes in 1979; marine catfishes also increased in landings from 4,294 tonnes in 1978 to 5,070 tonnes in 1979 or by 18%; and jewfish landings increased by 24% from 3,513 tonnes in 1978 to 4,368 tonnes in 1979. Among crustaceans the most important is penaid prawn whose landings increased from 14,210 tonnes in 1978 to 16,252 tonnes in 1979 or by 15%.

Among the dominant pelagic fishes in Sarawak are little tunas, spanish mackerels and shads. These are mainly landed by the drift/gill nets and trawlers, with the exception of shads which increased by 149% from 1,039 tonnes in 1978 to 2,584 tonnes in 1979, the landings of spanish mackerel and little tuna decreased by 937 tonnes and 1,070 tonnes respectively and by 25% and 53% respectively. The decrease in these two dominant pelagic species and also the decreases in the other species, both demersal and pelagic, in 1979 over 1978 contributed to the decline in drift/gill net landings in 1979 and 1978.

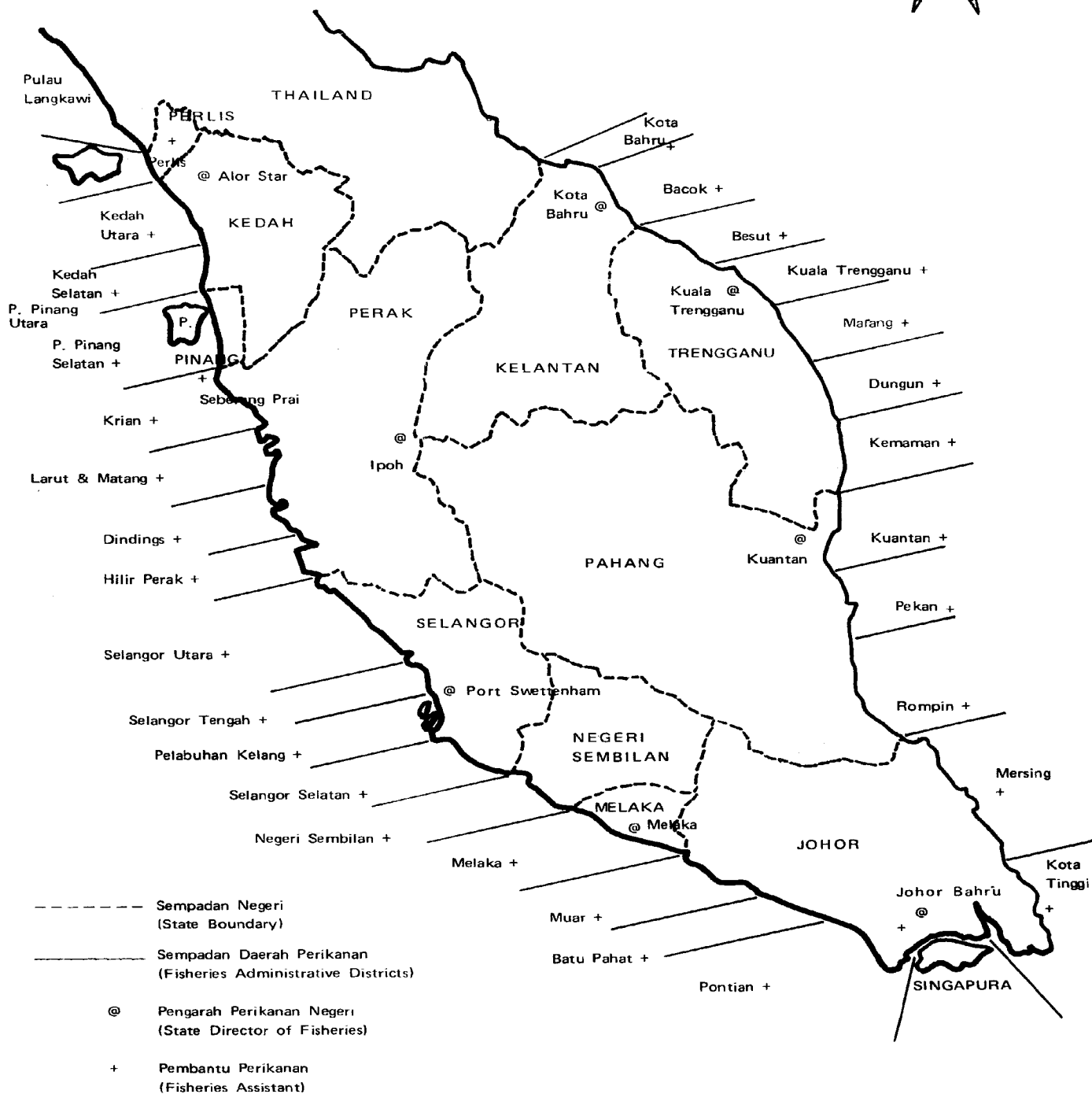
Foreign Trade in Fishery Commodities

Like Sabah, Sarawak is also reasonably rich in marine resources, but inspite of this, she is still a net importer of fish in quantity terms although in value terms she has a surplus trade balance. Total imports in 1979 was 5,585 tonnes valued at \$10.8 million, while total exports were 3,695 tonnes valued at \$26 million. Quantity-wise, compared to 1978 there

was an increase of 176% in imports and 103% in exports, while value-wise the increases were 132% in imports and 186% in exports. Like Sabah, the most important imports were canned fish, canned fish preparations and salted or dried fish while the main exports were prawns.

The main trading partners with Sarawak are Peninsular Malaysia and Japan.

SEMANANJUNG MALAYSIA — DAERAH-DAERAH PERIKANAN
(Peninsular Malaysia — Fisheries Districts)



Perikanan Laut
SEMANANJUNG MALAYSIA

Marine Fisheries
Peninsular Malaysia

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN NELAYAN-NELAYAN YANG BEKERJA DIBOT-BOT BERLESEN, 1979
(Number of Fishermen Working in Licensed Boats, 1979)

Jadual (Table) 1.1

Negeri (State) Bangsa (Race)	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	Trengganu	Pahang	Johor Timur (East Johore)	Jumlah Kecil (Sub-Total)	
MELAYU (Malay)	1,793	8,602	3,213	3,405	1,203	265	1,127	5,382	24,990	6,646	11,172	3,834	4,174	25,826	50,816
CHINA (Chinese)	201	1,496	4,055	11,086	6,193	277	989	3,959	28,256	—	5	198	1,864	2,067	30,323
INDIA (Indian)	—	—	55	343	107	17	—	2	524	—	—	—	4	4	528
PORTUGIS (Portuguese)	—	—	—	—	—	—	83	—	83	—	—	—	—	—	83
THAI (Thais)	704	178	—	—	—	—	—	—	882	—	—	—	—	—	882
ORANG ASLI (Aborgines)	—	—	—	—	—	—	—	294	294	—	—	—	—	—	294
JUMLAH BESAR (Grand Total)	2,698	10,276	7,323	14,834	7,503	559	2,199	9,637	55,029	6,646	11,177	4,032	6,042	27,897	82,926

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT-BOT PERIKANAN YANG DILESENKAN – 1979
(Number of Fishing Boats Licensed – 1979)

Jadual (Table) 1.2

NEGERI (State)		JENIS (Type)	JUMLAH TOTAL	BOT TIADA BERJENTERA (Non-powered)	BOT BERJENTERA SANGKUT (Outboard powered)		BOT BERJENTERA DALAM (Inboard – 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)	25-49.9 TAN (tons)	50-99.9 TAN (tons)	100 TAN & LEBIH (100 tons & above)
PANTAI BARAT (West Coast)	PERLIS		692	164	136	392	89	89	76	26	9	100	3	–
	KEDAH		2,888	762	996	1,130	259	165	93	58	29	464	62	–
	PULAU PINANG (Penang)		2,623	598	810	1,215	529	375	27	30	11	230	13	–
	PERAK		5,720	829	529	4,362	1,863	1,451	513	76	25	381	53	–
	SELANGOR		3,594	410	282	2,902	534	1,598	308	106	46	297	13	–
	NEGERI SEMBILAN		215	64	47	104	30	71	3	–	–	–	–	–
	MELAKA (Malacca)		973	117	320	536	108	420	5	3	–	–	–	–
	JOHOR BARAT (West Johore)		4,393	1,623	1,256	1,514	676	685	92	40	11	10	–	–
JUMLAH KECIL (Sub-Total)			21,098	4,567	4,376	12,155	4,088	4,854	1,117	339	131	1,482	144	–
PANTAI TIMOR (East Coast)	KELANTAN		1,551	213	269	1,069	492	239	149	90	26	62	8	3
	TRENGGANU		3,433	786	5	2,642	455	1,069	717	204	71	118	8	–
	PAHANG		1,063	160	29	874	125	430	174	47	15	79	4	–
	JOHOR TIMUR (East Johore)		2,008	530	477	1,001	239	296	106	39	61	229	31	–
JUMLAH KECIL (Sub-Total)			8,055	1,689	780	5,586	1,311	2,034	1,146	380	173	488	51	3
JUMLAH BESAR (Grand Total)			29,153	6,256	5,156	17,741	5,399	6,888	2,263	719	304	1,970	195	3

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT BERJENTERA DALAM YANG DILESENKAN MENGIKUT NEGERI, UKURAN PANJANG DAN KEKUATAN KUASA KUDA, 1979
(Number of Licensed Inboard Powered Fishing Boats by State, Dimension and Horse-power, 1979)

Jadual (Table): 1.3

Butir-Butir (Description)	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Panjang (Dimension-Length)													
Kurang dari 25 kaki (under 25 ft)	12	8	37	139	70	4	18	269	166	23	106	73	925
25 – 39 kaki (25 – 39 ft)	222	461	855	3,667	2,267	78	369	568	1,642	610	1,129	466	12,334
40 – 54 kaki (40 – 54 ft)	81	329	203	461	555	22	149	195	766	219	275	319	3,574
55 kaki keatas (55 ft & over)	77	332	120	95	10	—	—	37	68	22	4	143	908
JUMLAH (Total)	392	1,130	1,215	4,362	2,902	104	536	1,069	2,642	874	1,514	1,001	17,741
Kekuatan Kuda (Horse power of Engine)													
Kurang dari 5 k.k. (under 5 h.p)	15	39	20	80	39	9	27	295	200	22	214	93	1,053
5 – 9 k.k. (5 – 9 h.p)	78	176	254	550	353	39	294	308	619	150	416	185	3,422
10 – 19 k.k. (10 – 19 h.p)	22	88	77	374	601	33	184	160	663	250	462	205	3,119
20 – 30 k.k. (20 – 30 h.p)	148	174	581	2,557	1,046	23	28	218	905	323	248	140	6,391
40 – 59 k.k. (40 – 59 h.p)	12	26	10	286	197	—	3	35	110	19	151	7	856
60 – 79 k.k. (60 – 79 h.p)	6	24	11	22	239	—	—	20	48	9	6	24	409
80 – 99 k.k. (80 – 99 h.p)	9	6	10	6	38	—	—	1	6	14	2	14	106
100 k.k. dan lebih (100 h.p & over)	102	597	252	487	389	—	—	32	91	87	15	333	2,385
JUMLAH (Total)	392	1,130	1,215	4,362	2,902	104	536	1,069	2,642	874	1,514	1,001	17,741

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

BILANGAN BOT BERJENTERA SANGKUT YANG DILESENKAN MENGIKUT NEGERI, UKURAN PANJANG DAN KEKUATAN KUDA – 1979
(Number of Licensed Outboard Powered Fishing Boats by State, Dimension and Horse-power – 1979)

Jadual (Table) 1.4

Butir-Butir (Description)	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Panjang (Dimension-Length)													
Kurang dari 25 kaki (under 25 ft)	135	942	800	526	280	46	317	52	5	27	1,226	457	4,813
25 – 39 kaki (25 – 39 ft)	1	54	10	3	2	1	3	215	–	2	30	19	340
40 – 54 kaki (40 – 54 ft)	–	–	–	–	–	–	–	2	–	–	–	1	3
55 kaki dan lebih (55 ft & over)	–	–	–	–	–	–	–	–	–	–	–	–	–
JUMLAH (Total)	136	996	810	529	282	47	320	269	5	29	1,256	477	5,156
Kekuatan Kuda (Horse-power of Engine)													
Kurang dari 5 k.k. (under 5 h.p)	131	793	762	507	208	38	248	18	–	14	987	339	4,045
5 – 9 k.k. (5 – 9 h.p)	5	202	46	20	73	9	60	42	5	15	155	120	752
10 – 19 k.k. (10 – 19 h.p)	–	1	2	2	1	–	11	181	–	–	58	14	270
20 – 39 k.k. (20 – 39 h.p)	–	–	–	–	–	–	1	28	–	–	51	4	84
40 – 59 k.k. (40 – 59 h.p)	–	–	–	–	–	–	–	–	–	–	5	–	5
60 – 79 k.k. (60 – 79 h.p)	–	–	–	–	–	–	–	–	–	–	–	–	–
80 – 99 k.k. (80 – 99 h.p)	–	–	–	–	–	–	–	–	–	–	–	–	–
100 k.k. dan lebih (100 h.p & over)	–	–	–	–	–	–	–	–	–	–	–	–	–
JUMLAH (Total)	136	996	810	529	282	47	320	269	5	29	1,256	477	5,156

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT TIADA BERJENTERA YANG DILESENKAN MENGIKUT NEGERI DAN UKURAN PANJANG – 1979
(Number of Licensed Non-Powered Fishing Boats by States and Dimension – 1979)

Jadual (Table) 1.5

Butir-Butir (Description)	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Panjang (Dimension-Length)													
Kurang dari 25 kaki (under 25 ft)	159	741	597	825	326	64	116	179	689	119	1,616	503	5,934
25 – 39 kaki (25 – 39 ft)	5	18	1	4	23	—	1	33	96	39	7	27	254
40 – 54 kaki (40 – 54 ft)	—	2	—	—	60	—	—	1	1	1	—	—	65
55 kaki & lebih (55 ft & over)	—	1	—	—	1	—	—	—	—	1	—	—	3
JUMLAH (Total)	164	762	598	829	410	64	117	213	786	160	1,623	530	6,256

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
RINGKASAN BILANGAN BOT-BOT NELAYAN BERJENTERA DALAM MENGIKUT NAMA INJIN DAN NEGERI, 1979
(Summary Number of Inboard-Powered Fishing Boats by Trade Name of Engine and by State, 1979)

Jadual (Table) 1.6

Nama Injin (Trade Name of Engine)	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor		Jumlah (Total)
											Barat (West)	Timur (East)	
YANMAR	173	351	234	1,388	1,528	74	334	1,014	2,311	697	982	545	9,631
DAIYA	21	23	66	196	256	11	167	13	153	45	211	48	1,210
MERCEDES	58	148	399	1,015	90	—	—	—	2	6	35	20	1,773
AEC	47	70	146	152	79	—	—	4	33	45	44	117	737
KUBOTA	4	4	9	54	33	9	29	—	15	1	89	12	259
PERKINS	19	16	102	805	264	5	1	—	3	7	25	21	1,268
PETTER	1	6	86	104	52	5	2	1	45	6	7	5	320
BRITISH LEYLAND	39	139	26	14	224	—	—	—	5	24	81	86	638
CUMMINS	6	243	48	260	198	—	—	—	3	17	4	68	847
LISTER	—	2	1	2	3	—	—	7	7	2	3	1	28
DONG FENG	—	9	6	9	18	—	—	—	—	2	5	35	84
GARDNER	11	17	11	44	92	—	—	1	1	7	14	10	208
G. MARINE	—	—	—	—	—	—	—	—	9	—	—	—	9
BUKH	—	—	1	1	6	—	—	3	28	3	—	—	42
ISUZU	5	73	9	13	40	—	—	—	2	—	6	16	164
VOLVO PENTA	—	—	2	—	—	—	—	20	5	—	—	1	28
MWM	—	—	—	—	2	—	—	—	2	1	—	4	9
KEW	—	6	46	250	1	—	—	—	—	—	—	—	303
ROLL-ROYCE	—	—	3	5	—	—	—	—	—	—	—	1	9
FORD	—	2	—	11	1	—	—	—	8	3	1	—	26
LAIN-LAIN (OTHERS)	8	21	20	39	15	—	3	6	10	8	7	11	148
JUMLAH (Total)	392	1,130	1,215	4,362	2,902	104	536	1,069	2,642	874	1,514	1,001	17,741

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)

RINGKASAN BILANGAN BOT-BOT NELAYAN BERJENTERA DALAM MENGIKUT NAMA INGIN DAN KUASA KUDA, 1979

(Summary – Number of Inboard-Powered Fishing Boats by Engine Trade Name and Horse-power, 1979)

Jadual (Table) 1.7

Nama Ingin (Trade Name of Engine)	Kurang dari 5 k.k. (Under 5 h.p)		5 – 9 k.k. (5 – 9 h.p)		10 – 19 k.k. (10 – 19 h.p)		20 – 39 k.k. (20 – 39 h.p)		40 – 59 k.k. (40 – 59 h.p)		60 – 79 k.k. (60 – 79 h.p)		80 – 99 k.k. (80 – 99 h.p)		100 k.k. & lebih (100 h.p & over)		Jumlah (Total)	
	Pantai Barat (West Coast)	Pantai Timur (East Coast)	Pantai Barat (West Coast)	Pantai Timur (East Coast)	Pantai Barat (West Coast)	Pantai Timur (East Coast)	Pantai Barat (West Coast)	Pantai Timur (East Coast)	Pantai Barat (West Coast)	Pantai Timur (East Coast)	Pantai Barat (West Coast)	Pantai Timur (East Coast)	Pantai Barat (West Coast)	Pantai Timur (East Coast)	Pantai Barat (West Coast)	Pantai Timur (East Coast)	Pantai Barat (West Coast)	Pantai Timur (East Coast)
YANMAR	423	602	1,043	1,127	1,584	1,131	1,876	1,453	108	132	17	62	2	4	11	56	5,064	4,567
DAIYA	4	5	754	110	84	74	93	48	14	13	2	3	–	1	–	5	951	259
MERCEDES	–	–	1	–	6	–	1,567	3	11	1	4	–	–	1	156	23	1,745	28
AEC	–	–	–	–	–	2	1	4	34	1	25	7	6	8	472	177	538	199
KUBOTA	12	–	194	18	7	6	12	2	3	–	2	2	–	–	1	–	231	28
PERKINS	1	–	1	–	20	–	966	29	51	1	196	–	–	1	2	–	1,237	31
PETTER	1	–	148	4	109	52	4	1	–	–	1	–	–	–	–	–	263	57
BRITISH LEYLAND	–	–	–	1	–	–	62	3	151	3	20	5	56	19	234	84	523	115
CUMMINS	–	–	–	–	–	–	–	–	4	–	–	–	1	–	754	88	759	88
LISTER	–	1	4	–	5	3	2	13	–	–	–	–	–	–	–	–	11	17
DONG FENG	–	–	2	–	4	–	19	3	2	–	–	–	1	–	19	34	47	37
GARDNER	1	–	2	–	2	–	14	1	92	7	34	9	4	–	40	2	189	19
G. MARINE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9	–	9
BUKH	–	–	1	2	1	2	3	13	1	12	2	5	–	–	–	–	8	34
ISUZU	–	–	–	–	2	–	1	–	4	1	3	–	–	–	136	17	146	18
VOLVO PENTA	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	26	2	26
MWM	–	–	–	–	–	2	1	5	1	–	–	–	–	–	–	–	2	7
KEW	–	–	–	–	–	–	106	–	196	–	–	–	–	–	1	–	303	–
ROLL-ROYCE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8	1	8	1
FORD	–	–	–	–	–	–	15	1	–	–	–	–	–	–	–	10	15	11
LAIN-LAIN (OTHERS)	1	2	8	–	17	6	63	7	13	–	2	8	1	1	8	11	113	35
JUMLAH (Total)	443	610	2,160	1,262	1,841	1,278	4,805	1,586	685	171	308	101	71	35	1,842	543	12,155	5,586

SEMENANJUNG MELAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT-BOT YANG DILESENKAN DAN NELAYAN-NELAYAN MENGIKUT
DAERAH-DAERAH PERIKANAN, 1979
(Number of Licensed Fishing Boats and Fishermen by Fisheries Districts, 1979)

Jadual (Table) 1.8

Daerah-Daerah Perikanan (Fisheries Districts)	Bot-Bot (Fishing Boats)				Nelayan-Nelayan (Fishermen)				
	Berjentera Dalam (Inboard)	Berjentera Sangkut (Outboard)	Tiada Berjentera (Non-powered)	Jumlah (Total)	Melayu (Malay)	Cina (Chinese)	India (Indian)	Lain-Lain (Others)	Jumlah (Total)
1. Kuala Perlis	392	136	164	692	1,793	201	—	704	2,698
2. Langkawi	178	458	135	771	2,345	56	—	126	2,527
3. Kedah Utara	689	175	204	1,068	2,944	1,130	—	—	4,074
4. Kedah Selatan	263	363	423	1,049	3,313	310	—	52	3,675
5. Timur-Laut	133	126	77	336	275	549	19	—	843
6. Barat-Daya	430	490	137	1,057	1,160	1,690	22	—	2,872
7. Seberang Prai	652	194	384	1,230	1,778	1,816	14	—	3,608
8. Krian	1,287	128	189	1,604	621	3,387	2	—	4,010
9. Larut & Matang	1,196	153	214	1,563	448	2,599	—	—	3,047
10. Dindings	1,143	161	264	1,568	1,854	2,810	339	—	5,003
11. Hilir Perak	736	87	162	985	482	2,290	2	—	2,774
12. Selangor Utara	704	129	75	908	262	1,851	—	—	2,113
13. Selangor Tengah	725	53	93	871	396	1,424	5	—	1,825
14. Pelabuhan Kelang	1,105	70	184	1,359	420	2,219	32	—	2,671
15. Selangor Selatan	368	30	58	456	125	699	70	—	894
16. Port Dickson	104	47	64	215	265	277	17	—	559
17. Melaka	536	320	117	973	1,127	989	—	83	2,199
18. Muar	312	288	224	824	791	861	2	—	1,654
19. Batu Pahat	512	217	253	982	751	1,052	—	294	2,097
20. Pontian	657	161	508	1,326	1,648	1,691	—	—	3,339
21. Johor Bahru	33	590	638	1,261	2,192	355	—	—	2,547
22. Kota Tinggi	407	423	456	1,286	1,940	1,029	4	—	2,973
23. Mersing	594	54	74	722	2,234	835	—	—	3,069
24. Kuantan	423	7	80	510	2,170	126	—	—	2,296
25. Pekan	321	15	72	408	1,248	2	—	—	1,250
26. Kuala Rompin	130	7	8	145	416	70	—	—	486
27. Kemaman	440	2	63	505	1,703	2	—	—	1,705
28. Dungun	426	—	26	452	1,399	—	—	—	1,399
29. Marang	321	—	150	471	1,560	—	—	—	1,560
30. Kuala Trengganu	965	3	201	1,169	3,814	—	—	—	3,814
31. Besut	490	—	346	836	2,696	3	—	—	2,699
32. Kota Bahru	787	194	78	1,059	4,741	—	—	—	4,741
33. Bacok	282	75	135	492	1,905	—	—	—	1,905
JUMLAH (Total)	17,741	5,156	6,256	29,153	50,816	30,323	528	1,259	82,926

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT-BOT DILESENKAN DAN BILANGAN NELAYAN-NELAYAN YANG
BERKERJA DI BOT-BOT BERLESEN, 1961 – 1979
(Number of Fishing Boats Licensed and Number of Fishermen Operating Licensed Boats, 1961 – 1979)

Jadual (Table) 1.9

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)
1961	4,824	4,841	13,293	22,958	33,924	18,780	269	110	53,083
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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN PERKAKAS YANG DILESENKAN MENGIKUT NEGERI 1979
(Number of Licensed Fishing Gears By States — 1979)

Jadual (Table) 1.10

Kumpulan Perkakas (Gear Group) Negeri (State)		Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap (Traps)		Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shellfish Collections)	Rampaian (Miscellan- eous)	Jumlah (Total)
			Pukat Jerut Ikan (Purse Seines Fish)	Pukat Jerut Ikan (Purse Seines Anchovy)	Lain- Lain (Other Seines)			Belat Belat (Stakes)	Bubu (Portable)							
Pantai Barat (West Coast)	Perlis	217	77	1	9	322	—	1	—	5	—	10	—	—	—	642
	Kedah	493	53	80	65	1,672	75	—	7	18	128	52	1	8	1	2,653
	Pulau Pinang (Penang)	192	71	—	282	1,629	9	2	49	80	360	3	—	392	30	3,099
	Perak	1,618	148	19	962	2,313	—	6	88	381	190	—	1	583	208	6,517
	Selangor	485	17	—	12	2,561	—	—	7	263	664	29	—	93	4	4,135
	Negeri Sembilan	—	—	—	12	210	—	—	19	38	—	—	—	—	2	281
	Melaka (Malacca)	—	—	—	21	1,088	—	7	1	105	—	6	—	9	—	1,237
	Johor Barat (West Johore)	311	—	—	80	2,568	8	181	128	149	175	86	1	—	—	3,687
JUMLAH KECIL (Sub-Total)		3,316	366	100	1,443	12,363	92	197	299	1,039	1,517	186	3	1,085	245	22,251
Pantai Timur (East Coast)	Kelantan	139	27	10	85	701	32	—	22	—	—	—	—	—	—	1,016
	Trengganu	398	170	112	8	751	51	—	173	—	—	—	—	—	—	1,663
	Pahang	309	43	20	7	306	20	11	185	281	2	—	—	—	—	1,184
	Johore Timur (East Johore)	329	83	—	15	518	40	11	75	48	247	28	—	—	1	1,400
JUMLAH KECIL (Sub-Total)		1,175	328	142	115	2,276	143	22	455	329	249	28	—	—	1	5,263
JUMLAH BESAR (Grand Total)		4,491	694	242	1,558	14,639	235	219	754	1,368	1,766	214	3	1,085	246	27,514

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ANGGARAN PERKAKAS-PERKAKAS MENANGKAP IKAN YANG DIUSAHAKAN MENGIKUT NEGERI – 1979
 (Estimated Number of Fishing Gears In Operation By State – 1979)

Jadual (Table) 1.11

Kumpulan Perkakas (Gear Group) Negeri (State)		Pukat Tarik (Seine Nets)				Pukat Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap (Traps)		Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shellfish Collections)	Rampaian (Miscellaneous)	Jumlah (Total)
		Pukat Tunda (Trawl Nets)	Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine Anchovy)	Lain-Lain (Other Seines)			Belat-Belat (Stakes)	Bubu (Portable)							
Pantai Barat (West Coast)	Perlis	193	36	—	11	158	—	4	—	38	—	3	—	—	25	468
	Kedah	791	16	75	88	1,001	15	28	2	115	143	19	3	—	54	2,350
	Pulau Pinang (Penang)	161	59	—	149	940	—	—	18	44	95	—	54	95	20	1,635
	Perak	2,041	107	17	809	1,315	—	51	76	371	92	—	137	256	101	5,373
	Selangor	1,587	18	—	29	1,222	13	—	—	275	288	32	—	54	19	3,537
	Negeri Sembilan	—	—	—	18	116	—	—	11	47	—	—	—	—	11	203
	Melaka (Malacca)	—	—	—	19	772	—	6	—	140	—	6	50	—	8	1,001
	Johor Berat (West Johore)	339	—	—	91	2,354	—	148	45	163	111	41	53	—	—	3,345
JUMLAH KECIL (Sub-Total)		5,112	236	92	1,214	7,878	28	237	152	1,193	729	101	297	405	238	17,912
Pantai Timur (East Coast)	Kelantan	104	39	5	59	380	37	—	22	403	—	—	4	—	5	1,058
	Trengganu	345	79	81	7	480	70	—	159	923	—	—	—	—	178	2,322
	Pahang	262	28	10	3	131	22	5	115	205	1	—	—	—	—	782
	Johor Timur (East Johore)	177	44	—	—	82	7	66	10	71	149	—	—	—	—	606
JUMLAH KECIL (Sub-Total)		888	190	96	69	1,073	136	71	306	1,602	150	—	4	—	183	4,768
JUMLAH BESAR (Grand Total)		6,000	426	188	1,283	8,951	164	308	458	2,795	879	101	301	405	421	22,680

BILANGAN PERKAKAS YANG DILESENKAN MENGIKUT DAERAH PERIKANAN, 1979
(Number Of Licensed Fishing Gears By Fisheries Districts, 1979)

Jadual (Table) 1.12

Daerah Perikanan (Fisheries Districts)	Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/Gill Nets)	Pukat Tangkuk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	(Memungut Siput (Shellfish Collection))	Rampaiian (Miscellaneous)	Jumlah (Total)
		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bills (Purse Seine Anchovy)	Lain-Lain (Other Seines)			Belat-Belat (Stakes)	Bubu (Portable)							
1. Kuala Perlis	217	77	1	9	322	—	1	—	5	—	10	—	—	—	642
2. Langkawi	29	3	27	2	515	42	—	4	2	—	—	—	—	—	624
3. Kedah Utara	344	43	—	19	368	17	—	2	1	—	7	—	3	—	804
4. Kedah Selatan	120	7	53	44	789	16	—	1	15	128	45	1	5	1	1,225
5. Barat Daya	146	23	—	11	654	8	—	10	18	275	—	—	203	—	1,348
6. Timur Laut	46	—	—	11	209	1	—	2	29	17	—	—	—	—	315
7. Seberang Prai	—	48	—	260	766	—	2	37	33	68	3	—	189	30	1,436
8. Krian	—	10	—	898	954	—	—	10	33	163	—	—	128	75	2,271
9. Larut & Matang	643	—	—	10	497	—	—	5	44	27	—	—	354	59	1,639
10. Dindings	635	74	19	47	501	—	—	40	203	—	—	1	4	2	1,526
11. Hilir Perak	340	64	—	7	361	—	6	33	101	—	—	—	97	72	1,081
12. Selangor Utara	198	17	—	—	674	—	—	3	18	25	8	—	—	—	943
13. Selangor Tengah	29	—	—	9	624	—	—	—	114	274	13	—	93	—	1,156
14. Pelabuhan Kelang	246	—	—	1	826	—	—	—	81	365	6	—	—	4	1,529
15. Selangor Selatan	12	—	—	2	437	—	—	4	50	—	2	—	—	—	507
16. Port Dickson	—	—	—	12	210	—	—	19	38	—	—	—	—	2	281
17. Melaka	—	—	—	21	1,088	—	7	1	105	—	6	—	9	—	1,237
18. Muar	—	—	—	12	704	—	88	19	68	3	47	—	—	—	941
19. Batu Pahat	90	—	—	38	823	—	11	7	54	89	25	—	—	—	1,137
20. Pontian	221	—	—	9	576	—	11	4	5	83	8	—	—	—	917
21. Johor Bahru	—	—	—	21	465	8	71	98	22	—	6	1	—	—	692
22. Kota Tinggi	61	40	—	9	323	20	—	11	16	247	25	—	—	—	752
23. Mersing	268	48	—	6	195	20	11	64	32	—	3	—	—	1	648
24. Kuantan	141	21	16	4	96	10	2	101	205	—	—	—	—	—	596
25. Pekan	98	11	2	2	166	10	—	71	67	—	—	—	—	—	427
26. Kuala Rompin	70	11	2	1	44	—	9	13	9	2	—	—	—	—	161
27. Kemaman	71	14	15	2	24	16	—	89	—	—	—	—	—	—	231
28. Dungun	46	16	17	—	92	3	—	25	—	—	—	—	—	—	199
29. Marang	60	25	18	—	157	7	—	8	—	—	—	—	—	—	275
30. Kuala Trengganu	159	42	22	1	126	13	—	36	—	—	—	—	—	—	399
31. Besut	62	73	40	5	352	12	—	15	—	—	—	—	—	—	559
32. Kota Bharu	8	—	—	10	354	19	—	7	—	—	—	—	—	—	398
33. Bachok	131	27	10	75	347	13	—	15	—	—	—	—	—	—	618
JUMLAH (Total)	4,491	694	242	1,558	14,639	235	219	754	1,368	1,766	214	3	1,085	246	27,514

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.13

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebeh 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	4,296	—	—	4,296	257	1,424	906	246	112	1,272	77	2
Pukat Tarik (Seine Nets)												
Pukat Jerut Ikan (P. Seine-Fish)	624	10	—	614	2	10	39	32	51	440	39	1
Pukat Jerut Bilis (P. Seine-Anchovy)	346	54	6	286	8	38	49	46	19	120	6	—
Lain-lain (Other Seines)	1,594	215	263	1,116	848	254	10	4	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	12,943	2,760	3,101	7,082	2,726	3,699	461	130	45	21	—	—
Pukat Tangguk (Lift Nets)	688	202	127	359	64	174	56	22	12	31	—	—
Perangkap (Traps)												
Belat-Belat (Stakes)	168	38	59	71	44	19	6	2	—	—	—	—
Bubu (Portable)	553	44	36	473	45	158	124	62	34	47	3	—
Pancing (Hook & Lines)	5,809	2,170	1,121	2,518	733	987	585	164	24	19	6	—
Pukat Bakul (Bag Nets)	777	148	204	425	382	35	1	4	2	1	—	—
Pukat Surung (Push/Scoop Nets)	164	86	61	17	16	1	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	195	109	54	32	15	17	—	—	—	—	—	—
Memungut Siput (Shellfish)	277	35	21	221	204	16	1	—	—	—	—	—
Rampaian (Miscellaneous)	492	307	95	90	4	4	1	1	—	16	64	—
Pembawa Ikan (Fish Carriers)	227	78	8	141	51	52	24	6	5	3	—	—
JUMLAH (Total)	29,153	6,256	5,156	17,741	5,399	6,888	2,263	719	304	1,970	195	3

PERLIS

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (a)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebih 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	211	—	—	211	23	67	69	22	6	23	1	—
Pukat Tarik (Seine Nets)	86	—	—	86	—	1	2	2	3	76	2	—
Pukat Jerut Ikan (P. Seine-Fish)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis (P. Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain (Other Seines)	10	6	4	—	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	261	53	126	82	60	16	3	2	—	1	—	—
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)	2	—	—	2	1	1	—	—	—	—	—	—
Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—
Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Hook & Lines)	117	100	6	11	5	4	2	—	—	—	—	—
Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	5	5	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH (Total)	692	164	136	392	89	89	76	26	9	100	3	—

KEDAH

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (b)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebih 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	532	—	—	532	22	65	71	42	18	308	6	—
Pukat Tarik (Seine Nets)												
Pukat Jerut Ikan (P. Seine-Fish)	54	4	—	50	—	—	1	3	4	40	2	—
Pukat Jerut Bilis (P. Seine-Anchovy)	107	—	—	107	1	—	—	3	2	96	5	—
Lain-lain (Other Seines)	60	19	38	3	3	—	—	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	1,439	346	801	292	174	82	19	8	5	4	—	—
Pukat Tangguk (Lift Nets)	64	3	30	31	22	9	—	—	—	—	—	—
Perangkap (Traps)												
Belat-Belat (Stakes)	18	4	1	13	10	3	—	—	—	—	—	—
Bubu (Portable)	7	2	1	4	1	1	2	—	—	—	—	—
Pancing (Hook & Lines)	408	299	78	31	24	5	—	2	—	—	—	—
Pukat Bakul (Bag Nets)	68	43	25	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	12	11	1	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	36	16	20	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	2	—	—	2	2	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	81	15	1	65	—	—	—	—	—	16	49	—
Pembawa Ikan (Fish Carriers)	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH (Total)	2,888	762	996	1,130	259	165	93	58	29	464	62	—

PULAU PINANG (PENANG)

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (c)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebeh 100 Tan (100 tons & above)	
Pukat Tunda (Trawl Nets)	195	—	—	195	—	—	—	—	—	189	6	—	
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine-Fish)	69	1	—	68	—	1	10	9	4	38	6	—
	Pukat Jerut Bilis (P. Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	267	36	15	216	129	86	1	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	1,498	373	531	594	315	268	8	3	—	—	—	—	—
Pukat Tangguk (Lift Nets)	28	1	4	23	11	8	1	—	—	3	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	6	6	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	40	9	1	30	1	2	4	15	7	—	1	—
Pancing (Hook & Lines)	216	93	110	13	6	4	1	2	—	—	—	—	—
Pukat Bakul (Bag Nets)	187	5	117	65	65	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	64	39	25	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	2	2	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	13	6	3	4	2	2	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	31	27	4	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	7	—	—	7	—	4	2	1	—	—	—	—	—
JUMLAH (Total)	2,623	598	810	1,215	529	375	27	30	11	230	13	—	—

PERAK

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979 (Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (d)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebih 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	1,607	—	—	1,607	167	730	397	41	12	235	25	—
Pukat Tarik (Seine Nets)												
Pukat Jerut Ikan (P. Seine-Fish)	144	—	—	144	1	4	10	4	5	108	12	—
Pukat Jerut Bilis (P. Seine-Anchovy)	25	—	—	25	—	—	—	2	3	19	1	—
Lain-lain (Other Seines)	954	67	76	811	689	121	1	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	1,797	348	252	1,197	650	506	39	1	1	—	—	—
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)												
Belat-Belat (Stakes)	14	5	1	8	5	1	1	1	—	—	—	—
Bubu (Portable)	84	12	3	69	3	19	24	3	3	17	—	—
Pancing (Hook & Lines)	465	164	118	183	58	59	40	23	1	2	—	—
Pukat Bakul (Bag Nets)	86	1	6	79	77	2	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	34	8	9	17	16	1	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	1	1	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	233	26	14	193	188	5	—	—	—	—	—	—
Rampaian (Miscellaneous)	267	196	49	22	2	3	1	1	—	—	15	—
Pembawa Ikan (Fish Carriers)	9	1	1	7	7	—	—	—	—	—	—	—
JUMLAH (Total)	5,720	829	529	4,362	1,863	1,451	513	76	25	381	53	—

SELANGOR

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979 (Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (e)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebeh 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	487	—	—	487	2	60	100	38	6	269	12	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine-Fish)	13	—	13	—	—	—	—	1	11	1	—
	Pukat Jerut Bilis (P. Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	19	6	12	1	—	—	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	2,360	149	196	2,015	327	1,388	198	60	30	12	—	—
Pukat Tangguk (Lift Nets)	68	9	8	51	8	41	1	—	1	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	8	4	—	—	3	1	—	—	—	—	—
	Bubu (Portable)	6	6	—	—	—	—	—	—	—	—	—
Pancing (Hook & Lines)	239	102	36	101	27	59	7	3	3	2	—	—
Pukat Bakul (Bag Nets)	285	92	4	189	152	30	1	3	2	1	—	—
Pukat Surung (Push/Scoop Nets)	30	12	18	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	28	14	2	12	3	9	—	—	—	—	—	—
Memungut Siput (Shellfish)	17	—	—	17	11	6	—	—	—	—	—	—
Rampaian (Miscellaneous)	23	14	6	3	2	1	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	11	2	—	9	1	1	—	2	3	2	—	—
JUMLAH (Total)	3,594	410	282	2,902	534	1,598	308	106	46	297	13	—

NEGERI SEMBILAN

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (f)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebih 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	–	–	–	–	–	–	–	–	–	–	–	–
Pukat Tarik (Seine Nets)												
Pukat Jerut Ikan (P. Seine-Fish)	–	–	–	–	–	–	–	–	–	–	–	–
Pukat Jerut Bilis (P. Seine-Anchovy)	–	–	–	–	–	–	–	–	–	–	–	–
Lain-lain (Other Seines)	10	8	2	–	–	–	–	–	–	–	–	–
Pukat Hanyut (Gill/drift Nets)	172	46	35	91	24	64	3	–	–	–	–	–
Pukat Tangguk (Lift Nets)	–	–	–	–	–	–	–	–	–	–	–	–
Perangkap (Traps)												
Belat-Belat (Stakes)	–	–	–	–	–	–	–	–	–	–	–	–
Bubu (Portable)	–	–	–	–	–	–	–	–	–	–	–	–
Pancing (Hook & Lines)	32	9	10	13	6	7	–	–	–	–	–	–
Pukat Bakul (Bag Nets)	–	–	–	–	–	–	–	–	–	–	–	–
Pukat Surung (Push/Scoop Nets)	–	–	–	–	–	–	–	–	–	–	–	–
Pukat Rentang (Barrier Nets)	–	–	–	–	–	–	–	–	–	–	–	–
Memungut Siput (Shellfish)	–	–	–	–	–	–	–	–	–	–	–	–
Rampaian (Miscellaneous)	1	1	–	–	–	–	–	–	–	–	–	–
Pembawa Ikan (Fish Carriers)	–	–	–	–	–	–	–	–	–	–	–	–
JUMLAH (Total)	215	64	47	104	30	71	3	–	–	–	–	–

MELAKA

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (g)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebeh 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Tarik (Seine Nets)												
Pukat Jerut Ikan (P. Seine-Fish)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis (P. Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain (Other Seines)	17	8	9	—	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	805	75	227	503	104	392	4	3	—	—	—	—
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)												
Belat-Belat (Stakes)	6	2	4	—	—	—	—	—	—	—	—	—
Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Hook & Lines)	137	28	79	30	4	26	—	—	—	—	—	—
Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	5	4	1	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	3	—	—	3	—	2	1	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH (Total)	973	117	320	536	108	420	5	3	—	—	—	—

JOHOR BARAT (WEST JOHORE)

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (h)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebih 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	332	—	—	332	16	174	87	36	9	10	—	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine-Fish)	—	—	—	—	—	—	—	—	—	—	—
	Pukat Jerut Bilis (P. Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	75	27	48	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	2,519	783	670	1,066	575	485	3	2	1	—	—	—
Pukat Tangguk (Lift Nets)	4	1	2	1	1	—	—	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	71	9	45	17	—	—	—	—	—	—	—
	Bubu (Portable)	46	7	27	12	—	10	1	—	—	—	—
Pancing (Hook & Lines)	1,143	703	423	17	11	4	1	—	1	—	—	—
Pukat Bakul (Bag Nets)	45	1	3	41	37	3	—	1	—	—	—	—
Pukat Surung (Push/Scoop Nets)	15	10	5	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	96	63	13	20	12	8	—	—	—	—	—	—
Memungut Siput (Shellfish)	9	3	4	2	1	1	—	—	—	—	—	—
Rampaian (Miscellaneous)	26	16	10	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	12	—	6	6	6	—	—	—	—	—	—	—
JUMLAH (Total)	4,393	1,623	1,256	1,514	676	685	92	40	11	10	—	—

KELANTAN

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (i)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebeh 100 Tan (100 tons & above)	
Pukat Tunda (Trawl Nets)	111	—	—	111	1	38	37	11	3	19	—	2	
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine-Fish)	40	1	—	39	—	2	—	1	2	27	6	1
	Pukat Jerut Bilis (P. Seine-Anchovy)	14	10	—	4	—	1	1	—	2	—	—	—
	Lain-lain (Other Seines)	89	1	50	38	14	18	2	4	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	606	91	88	427	296	71	21	31	6	2	—	—	—
Pukat Tangguk (Lift Nets)	114	26	51	37	7	16	9	3	2	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	5	—	—	5	2	1	1	1	—	—	—	—
	Bubu (Portable)	20	—	—	20	—	1	2	2	6	9	—	—
Pancing (Hook & Lines)	550	84	79	387	171	91	76	37	5	5	2	—	—
Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	2	—	1	1	1	—	—	—	—	—	—	—	—
JUMLAH (Total)	1,551	213	269	1,069	492	239	149	90	26	62	8	3	—

TRENGGANU

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979 (Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (j)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebeh 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	193	—	—	193	1	44	76	19	5	40	8	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine-Fish)	—	—	116	1	2	16	11	24	62	—	—
	Pukat Jerut Bilis (P. Seine-Anchovy)	22	—	126	3	35	39	38	9	2	—	—
	Lain-lain (Other Seines)	25	1	39	5	28	6	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	759	341	—	418	62	232	111	13	—	—	—	—
Pukat Tangguk (Lift Nets)	162	26	3	133	9	80	34	8	1	1	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	—	—	167	8	55	42	35	17	10	—	—
Pancing (Hook & Lines)	1,640	295	1	1,344	331	548	373	77	13	2	—	—
Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	2	2	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	181	75	—	106	35	45	20	3	2	1	—	—
JUMLAH (Total)	3,433	786	5	2,642	455	1,069	717	204	71	118	8	—

PAHANG

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979 (Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table) 1.14 (k)

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebeh 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	319	—	—	319	24	192	40	11	6	44	2	—
Pukat Tarik (Seine Nets)												
Pukat Jerut Ikan (P. Seine-Fish)	30	—	—	30	—	—	—	1	3	24	2	—
Pukat Jerut Bilis (P. Seine-Anchovy)	52	22	6	24	4	2	9	3	3	3	—	—
Lain-lain (Other Seines)	6	2	2	2	2	—	—	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	242	71	20	151	41	79	22	7	1	1	—	—
Pukat Tangguk (Lift Nets)	87	46	—	41	6	18	8	7	—	2	—	—
Perangkap (Traps)												
Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—
Bubu (Portable)	126	2	—	124	14	53	45	6	1	5	—	—
Pancing (Hook & Lines)	200	16	1	183	34	86	50	12	1	—	—	—
Pukat Bakul (Bag Nets)	1	1	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH (Total)	1,063	160	29	874	125	430	174	47	15	79	4	—

JOHOR TIMUR (EAST JOHORE)

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN MUATAN DALAM TAHUN 1979
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1979)

Jadual (Table 1.14 (i))

Jenis Perkakas (Type of fishing gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Ber- jentera sang- kut (Out-board powered)	Bot Berjentera Dalam (Inboard 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 – 49.9 Tan (Tons)	50 – 99.9 Tan (Tons)	Lebeh 100 Tan (100 tons & above)
Pukat Tunda (Trawl Nets)	309	—	—	309	1	54	29	26	47	135	17	—
Pukat Tarik (Seine Nets)												
Pukat Jerut Ikan (P. Seine-Fish)	72	4	—	68	—	—	—	1	5	54	8	—
Pukat Jerut Bilis (P. Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain (Other Seines)	22	10	6	6	5	1	—	—	—	—	—	—
Pukat Hanyut (Gill/drift Nets)	485	84	155	246	98	116	30	—	1	1	—	—
Pukat Tangguk (Lift Nets)	161	90	29	42	—	2	3	4	8	25	—	—
Perangkap (Traps)												
Belat-Belat (Stakes)	38	8	8	22	9	10	3	—	—	—	—	—
Bubu (Portable)	57	6	4	47	18	17	4	—	—	6	2	—
Pancing (Hook & Lines)	662	277	180	205	56	94	35	8	—	8	4	—
Pukat Bakul (Bag Nets)	105	5	49	51	51	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	9	6	3	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	27	9	18	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	56	31	25	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	5	—	—	5	1	2	2	—	—	—	—	—
JUMLAH (Total)	2,008	530	477	1,001	239	296	106	39	61	229	31	—

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)

SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI (Annual Series of Marine Fish Landings and Value)

Dalam Metrik Ton – In Metric Tonnes

Jadual (Table) 2.1

Negeri (State)		1975		1976		1977		1978		1979	
		Kuantiti (Qty.)	Nilai \$ (Value \$)	Kuantiti (Qty.)	Nilai \$ (Value \$)	Kuantiti (Qty.)	Nilai \$ (Value \$)	Kuantiti (Qty.)	Nilai \$ (Value \$)	Kuantiti (Qty.)	Nilai \$ (Value \$)
PANTAI BARAT (West Coast)	Perlis	13,959	20,228,119	9,906	11,467,973	14,333	18,743,302	14,544	27,690,361	18,194	26,985,578
	Kedah	42,938	67,747,326	51,953	101,582,246	71,616	148,232,460	66,491	170,987,018	86,199	203,415,251
	Pulau Pinang (Penang)	20,984	48,443,043	17,155	45,559,356	28,023	44,313,230	22,522	48,452,722	28,349	46,440,921
	Perak	94,950	151,985,834	108,574	178,666,791	143,158	254,065,774	186,645	415,445,997	189,638	295,992,154
	Selangor	82,175	68,489,714	91,664	121,493,744	105,857	145,472,323	104,705	258,674,583	88,657	190,743,715
	N. Sembilan	414	1,027,467	460	1,301,416	450	1,405,958	422	1,357,151	439	1,196,251
	Melaka	1,317	2,875,171	1,313	2,829,457	1,453	3,564,026	2,441	5,306,208	2,409	7,021,076
	Johor Barat (West Johore)	13,928	25,851,502	13,554	30,170,582	12,977	33,526,837	13,004	38,114,766	18,462	38,222,132
	JUMLAH KECIL (Sub-Total)	270,665	386,648,176	294,579	493,071,565	377,867	649,323,910	410,774	966,028,806	432,347	810,017,078
PANTAI TIMUR (East Coast)	Kelantan	12,718	18,734,207	13,346	18,100,629	6,489	11,783,998	14,493	31,698,259	15,437	20,396,599
	Trengganu	53,425	80,460,433	55,293	79,172,679	77,800	120,206,433	75,349	163,272,752	65,584	88,482,647
	Pahang	13,468	17,835,107	14,188	15,046,005	13,960	16,972,313	16,317	29,234,849	16,614	19,726,691
	Johor Timur (East Johore)	24,959	27,965,361	33,562	36,847,503	21,836	30,206,875	47,965	103,176,609	40,923	48,952,569
	JUMLAH KECIL (Sub-Total)	104,570	144,995,108	116,389	149,166,816	120,085	179,169,619	154,124	327,382,469	138,558	177,558,506
	JUMLAH BESAR (Grand Total)	375,235	531,643,284	410,968	642,238,381	497,952	828,493,529	564,898	1,293,411,275	570,905	987,575,584

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT NEGERI BAGI TAHUN 1979
(Landings of Marine Fish by States for the Year 1979)

Jadual (Table) 2.2

Pendaratan (Landings) Negeri (State)		Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah Besar (Grand Total)
		Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (Johore West)		Kelantan	Trengganu	Pahang	Johor Timur (Johore East)		
Kuantiti (Quantity)	Pikul (Piculs)	300,750	1,424,877	468,606	3,134,723	1,465,501	7,256	39,814	305,171	7,146,698	255,168	1,084,095	274,633	676,460	2,290,356	9,437,054
	M. Ton (Metric Tonne)	18,194	86,199	28,349	189,638	88,657	439	2,409	18,462	432,347	15,437	65,584	16,614	40,923	138,558	570,905
Peratus (Percentage)		3.19	15.10	4.96	33.22	15.53	0.08	0.42	3.23	75.73	2.70	11.49	2.91	7.17	24.27	100%

1 Metrik Ton (Metric Tonne) = 16.53 Pikul (Piculs)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN NEGERI – 1979
(Landings of Marine Fish by Month and State – 1979)

Jadual (Table) 2.3

Negeri (State)		Bulan (Month)	Januari (Jan.)	Februari (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	September (Sept.)	Oktober (Oct.)	November (Nov.)	Disember (Dec.)	Jumlah (Total)	
															Pikul (Piculs)	M. Ton (M. Tonnes)
Pantai Barat (West Coast)	Perlis		19,639	21,989	23,745	24,427	25,050	26,104	25,543	25,760	26,292	26,325	27,440	28,436	300,750	18,194
	Kedah		88,602	200,713	151,465	135,959	122,782	92,875	86,153	71,325	125,635	106,508	126,705	116,155	1,424,877	86,199
	Pulau Pinang		22,653	32,969	51,236	57,762	41,050	26,952	32,103	45,753	42,020	36,219	40,652	39,237	468,606	28,349
	Perak		186,111	265,626	336,604	274,807	228,235	420,026	248,535	181,992	237,802	239,892	269,782	245,311	3,134,723	189,638
	Selangor		125,362	129,073	129,811	114,360	110,888	130,372	131,231	119,251	121,280	119,544	118,088	116,241	1,465,501	88,657
	Negeri Sembilan		636	616	534	555	592	594	639	643	530	587	646	684	7,256	439
	Melaka		3,951	3,812	3,233	3,223	3,220	3,186	3,174	3,133	3,228	3,183	3,267	3,204	39,814	2,409
	Johor Barat (West)		15,759	27,534	19,172	24,812	25,962	20,344	33,873	29,162	23,824	32,131	27,500	25,098	305,171	18,462
	Jumlah Kecil (Sub-Total)		462,713 27,992	682,332 41,278	715,800 43,303	635,905 38,470	557,779 33,743	720,453 43,584	561,251 33,953	477,019 28,858	580,611 35,125	564,389 34,144	614,080 37,150	574,366 34,747	7,146,698	432,347
Pantai Timur (East Coast)	Kelantan		10,633	12,453	23,289	28,402	20,076	22,644	23,791	30,944	30,652	27,691	14,412	10,181	255,168	15,437
	Trengganu		106,405	102,841	106,185	99,739	82,625	83,000	90,648	99,074	104,144	109,613	46,134	53,687	1,084,095	65,584
	Pahang		16,519	16,949	20,132	26,198	27,677	27,127	26,128	28,613	28,537	28,125	14,866	13,762	274,633	16,614
	Johor Barat (East)		43,691	51,454	83,001	88,766	57,089	54,941	54,296	42,723	48,688	71,349	55,941	24,521	676,460	40,923
	Jumlah Kecil (Sub Total)		177,248 10,723	183,697 11,113	232,607 14,072	243,105 14,707	187,467 11,341	187,712 11,356	194,863 11,789	201,354 12,181	212,021 12,826	236,778 14,324	131,353 7,946	102,151 6,180	2,290,356	138,558
Jumlah Besar (Grand Total)	Pikul (Piculs)		639,961	866,029	948,407	879,010	745,246	908,165	756,114	678,373	792,632	801,167	745,433	676,517	9,437,054	
	Metrik Ton (Metric Tonnes)		38,715	52,391	57,375	53,177	45,084	54,940	45,742	41,039	47,951	48,468	45,096	40,927		570,905

1 Metrik Ton (Metric Tonne) = 16.53 Pikul (Piculs)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by State and Gear Group – 1979)

Jadual (Table) 2.4

NEGERI (STATE)	PANTAI BARAT (WEST COAST)								JUMLAH KECIL (SUB- TOTAL)	PANTAI TIMUR (EAST COAST)				JUMLAH KECIL (SUB- TOTAL)	JUMLAH (TOTAL)	
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat (West Johore)		Kelantan	Trengganu	Pahang	Johor Timur (East Johore)		Pikul (Piculs)	M. Ton (M. Tonnes)
KUMPULAN PERKAKAS (GEAR GROUP)																
Pukat-Pukat Tunda (Trawl Nets)	173,668	853,402	89,415	1,102,376	1,092,715	—	—	172,300	3,483,876	27,080	280,125	173,919	303,040	784,164	4,268,040	258,200
P. P. Tarik (Seine Nets)																
Pukat Jerut (Purse Seines)	110,607	527,891	196,624	534,646	53,185	—	—	—	1,422,953	141,675	469,495	61,074	216,334	888,578	2,311,531	139,839
Lain-Lain (Other Seines)	913	4,193	25,233	215,372	858	1,009	1,645	6,718	255,941	3,551	3,631	2,006	—	9,188	265,129	16,039
Pukat-Pukat Hanyut (Drift/Gill Nets)	6,857	17,737	51,842	135,918	46,982	3,476	24,426	71,820	359,058	17,269	98,262	7,275	27,899	150,705	509,763	30,839
Pukat-Pukat Tangguk (Lift Nets)	—	418	—	—	442	—	—	—	860	58,085	71,984	12,059	26,270	168,398	169,258	10,239
Perangkap (Traps)																
Belat-Belat (Stationary)	5,041	8,045	—	33,183	—	—	2,215	18,369	66,853	—	—	507	14,259	14,766	81,619	4,938
Bubu (Portable)	—	2,694	5,651	62,062	—	524	—	3,330	74,261	3,827	45,894	9,155	4,280	63,156	137,417	8,313
Pancing (Lines)	1,855	2,906	2,334	71,191	20,299	2,152	8,105	9,698	118,540	3,514	108,504	8,536	47,757	168,311	286,851	17,353
Pukat-Pukat Bakul (Bag Nets)	—	5,729	18,359	27,715	180,785	—	—	16,397	248,985	—	—	102	36,621	36,723	285,708	17,284
Pukat-Pukat Rentang (Barrier Nets)	843	877	—	87	4,846	—	733	6,072	13,458	—	—	—	—	—	13,458	814
Pukat-Pukat Surung (Push/Scoop Nets)	—	45	9,785	14,786	—	—	822	69	25,507	17	—	—	—	17	25,524	1,544
Memungut Siput (Shellfish Collection)	—	240	69,004	933,649	63,164	—	1,710	—	1,067,767	—	—	—	—	—	1,067,767	64,596
Rampaian (Miscellaneous)	966	700	359	3,738	2,225	95	158	398	8,639	150	6,200	—	—	6,350	14,989	907
Jumlah: Pikul (Piculs) (Total): M. Ton (M. Tonnes)	300,750 18,194	1,424,877 86,199	468,606 28,349	3,134,723 189,638	1,465,501 88,657	7,256 439	39,814 2,409	305,171 18,462	7,146,698 432,347	255,168 15,437	1,084,095 65,584	274,633 16,614	676,460 40,923	2,290,356 138,558	9,437,054	570,905

1 Metrik Ton (Metric Tonne) = 16.53 Pikul (Piculs)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.5

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	March (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		344,423	409,243	458,933	376,112	305,911	369,640	283,555	309,174	346,060	382,979	350,156	331,854	4,268,040	258,200
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	104,499	210,098	224,810	233,200	187,670	311,669	292,890	168,901	193,974	176,766	102,321	104,733	2,311,531	139,839
	Lain-Lain (Other Seines)	24,028	29,047	31,122	22,062	21,459	14,114	11,661	12,847	13,312	24,355	31,753	29,369	265,129	16,039
Pukat-Pukat Hanyut (Drift/Gill Nets)		26,187	44,173	39,041	50,267	38,008	46,354	45,764	55,510	52,244	43,959	37,790	30,466	509,763	30,839
Pukat-Pukat Tangguk (Lift Nets)		11,483	13,348	19,942	23,937	15,925	12,797	14,866	15,371	16,083	13,121	7,074	5,311	169,258	10,239
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	5,837	9,062	6,703	4,964	5,420	5,580	3,768	4,630	4,604	8,913	13,392	8,746	81,619	4,938
	Bubu (Portable)	6,270	6,107	9,408	9,996	16,254	12,163	20,621	11,847	18,686	10,785	8,139	7,141	137,417	8,313
Pancing (Lines)		21,422	22,597	27,571	29,962	21,434	21,271	24,450	18,931	35,528	28,688	20,277	14,720	286,851	17,353
Pukat-Pukat Bakul (Bag Nets)		24,216	32,108	24,909	22,539	21,790	18,662	22,750	19,941	27,143	25,823	23,778	22,049	285,708	17,284
Pukat-Pukat Rentang (Barrier Nets)		716	1,073	1,014	927	678	812	871	865	749	2,233	1,594	1,926	13,456	814
Pukat-Pukat Surung (Push/Scoop Nets)		1,005	1,050	2,130	2,553	1,178	1,706	777	1,923	1,942	3,620	4,489	3,151	25,524	1,544
Memungut Siput (Shellfish Collection)		68,973	86,943	100,232	99,917	107,720	92,206	33,201	57,344	81,517	79,279	143,997	116,438	1,067,767	64,596
Rampaian (Miscellaneous)		902	1,180	2,592	2,574	1,799	1,191	940	1,089	790	646	673	613	14,989	907
Jumlah: Pikul (Piculs) (Total): M. Ton (M. Tonnes)		639,961 38,715	866,029 52,391	948,407 57,375	879,010 53,177	745,246 45,084	908,165 54,940	756,114 45,742	678,373 41,039	792,632 47,951	801,167 48,468	745,433 45,096	676,517 40,927	9,437,054	570,905

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

PANTAI BARAT SEMENANJUNG MALAYSIA (WEST COAST PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jedual (Table)

2.6

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		268,226	350,316	393,780	307,293	237,916	304,017	216,542	235,620	289,247	309,417	292,491	279,011	3,483,876	210,761
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	45,355	136,423	118,934	135,449	120,742	241,846	221,334	92,074	101,452	68,453	63,438	77,453	1,422,953	86,083
	Lain-Lain (Other Seines)	23,063	26,885	28,997	20,386	21,185	13,465	11,320	12,586	12,883	24,074	31,739	29,358	255,941	15,483
Pukat-Pukat Hanyut (Drift/Gill Nets)		21,147	36,548	25,876	28,001	25,715	32,277	31,031	40,715	32,733	27,747	31,031	26,237	359,058	21,722
Pukat-Pukat Tangguk (Lift Nets)		169	46	46	26	19	16	44	50	42	40	188	174	860	52
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	4,871	8,279	6,095	4,434	3,814	4,089	2,271	2,872	2,681	7,012	11,744	8,691	66,853	4,045
	Bubu (Portable)	1,068	1,261	4,645	3,849	10,015	5,488	15,173	5,827	13,094	5,548	4,201	4,092	74,261	4,492
Pancing (Lines)		6,109	6,096	10,915	12,298	7,734	6,473	7,288	7,693	23,595	14,248	9,197	6,894	118,540	7,171
Pukat-Pukat Bakul (Bag Nets)		21,109	26,402	22,417	19,770	20,139	17,417	20,939	18,751	20,326	22,072	19,306	20,337	248,985	15,062
Pukat-Pukat Rentang (Barrier Nets)		716	1,073	1,014	927	678	812	871	865	749	2,233	1,594	1,926	13,458	814
Pukat-Pukat Surung (Push/Scoop Nets)		1,005	1,050	2,130	2,553	1,178	1,706	777	1,923	1,942	3,620	4,481	3,142	25,507	1,543
Memungut Siput (Shellfish Collection)		68,973	86,943	100,232	99,917	107,720	92,206	33,201	57,344	81,517	79,279	143,997	116,438	1,067,767	64,596
Rampaian (Miscellaneous)		902	1,010	719	1,002	924	641	460	699	350	646	673	613	8,639	523
Jumlah: Pikul (Piculs)		462,713	682,332	715,800	635,905	557,779	720,453	561,251	477,019	580,611	564,389	614,080	574,366	7,146,698	
(Total): M. Ton (M. Tonnes)		27,992	41,278	43,303	38,470	33,743	43,584	33,953	28,858	35,125	34,144	37,150	34,747		432,347

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

PANTAI TIMUR SEMENANJUNG MALAYSIA (EAST COAST PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.7

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun. (June)	Juli (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		76,197	58,927	65,153	68,819	67,995	65,623	67,013	73,554	56,813	73,562	57,665	52,843	784,164	47,439
P.P. Tarik (Seine Nets)	Pukat Jarut (Purse Seines)	59,144	73,675	105,876	97,751	66,928	69,823	71,556	76,827	92,522	108,313	38,883	27,280	888,578	53,756
	Lain-Lain (Other Seines)	965	2,162	2,125	1,676	274	649	341	261	429	281	14	11	9,188	556
Pukat-Pukat hanyut (Drift/Gill Nets)		5,040	7,625	13,165	22,266	12,293	14,077	14,733	14,795	19,511	16,212	6,759	4,229	150,705	9,117
Pukat-Pukat Tangguk (Lift Nets)		11,314	13,302	19,896	23,911	15,906	12,781	14,822	15,321	16,041	13,081	6,886	5,137	168,398	10,187
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	966	783	608	530	1,606	1,491	1,497	1,758	1,923	1,901	1,648	55	14,766	893
	Bubu (Portable)	5,202	4,846	4,763	6,147	6,239	6,675	5,448	6,020	5,992	5,237	3,938	3,049	63,156	3,821
Pancing (Lines)		15,313	16,501	16,656	17,664	13,700	14,798	17,162	11,238	11,933	14,440	11,080	7,826	168,311	10,182
Pukat-Pukat Bekul (Bag Nets)		3,107	5,706	2,492	2,769	1,651	1,245	1,811	1,190	6,817	3,751	4,472	1,712	36,723	2,222
Pukat-Pukat Rintang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Serung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	8	9	17	1
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampasan (Miscellaneous)		—	170	1,873	1,572	875	550	480	390	440	—	—	—	6,350	384
Jumlah: Pikul (Piculs)		177,248	183,697	232,607	243,105	187,467	187,712	194,863	201,354	212,021	236,778	131,353	102,151	2,290,356	
(Total): M. Ton (M. Tonnes)		10,723	11,113	14,072	14,707	11,341	11,356	11,789	12,181	12,826	14,324	7,946	6,180		138,558

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

PERLIS
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (a)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		14,426	14,409	14,425	14,389	14,525	14,512	14,425	14,443	14,432	14,464	14,570	14,648	173,668	10,506
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	3,955	6,190	7,795	8,565	8,975	9,810	10,125	10,270	10,762	10,565	11,465	12,130	110,607	6,691
	Lain-Lain (Other Seines)	68	66	62	64	58	62	67	78	90	95	99	104	913	55
Pukat-Pukat Hanyut (Drift/Gill Nets)		479	485	549	513	545	559	553	587	597	635	669	686	6,857	415
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	579	680	729	695	741	807	—	—	—	162	215	433	5,041	305
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Lines)		78	98	119	129	129	138	158	176	203	197	207	223	1,855	112
Pukat-Pukat Bekul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	136	130	120	118	115	117	107	843	51
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		54	61	66	72	77	80	85	86	90	92	98	105	966	59
Jumlah: Pikul (Piculs)		19,639	21,989	23,745	24,427	25,050	26,104	25,543	25,760	26,292	26,325	27,440	28,436	300,750	
(Total): M. Ton (M. Tonnes)		1,188	1,330	1,437	1,478	1,515	1,579	1,545	1,558	1,591	1,593	1,660	1,720		18,194

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

KEDAH
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (b)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		70,142	99,834	94,581	84,260	67,859	39,229	26,191	51,769	85,072	75,707	87,599	71,159	853,402	51,627
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	13,900	94,796	51,154	47,108	51,015	49,766	56,443	16,370	37,538	29,546	36,967	43,288	527,891	31,935
	Lain-Lain (Other Seines)	326	307	204	457	443	498	498	508	478	139	176	159	4,193	254
Pukat-Pukat Hanyut (Drift/Gill Nets)		1,614	1,726	1,556	2,140	2,070	2,051	1,738	1,896	1,642	541	420	343	17,737	1,073
Pukat-Pukat Tangguk (Lift Nets)		121	—	—	—	—	—	—	—	—	—	157	140	418	25
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	961	3,022	2,767	604	120	117	118	70	85	72	—q	109	8,045	487
	Bubu (Portable)	133	307	298	335	300	240	212	182	208	67	324	88	2,694	163
Pancing (Lines)		538	187	326	333	213	181	171	172	208	167	232	178	2,906	176
Pukat-Pukat Bakul (Bag Nets)		442	436	447	541	582	613	630	252	295	190	722	579	5,729	347
Pukat-Pukat Rentang (Barrier Nets)		123	44	70	94	90	100	87	51	69	54	38	57	877	53
Pukat-Pukat Surung (Push/Scoop Nets)		45	—	—	—	—	—	—	—	—	—	—	—	45	3
Memungut Siput (Shellfish Collection)		240	—	—	—	—	—	—	—	—	—	—	—	240	14
Rampaian (Miscellaneous)		17	54	62	87	90	80	65	55	40	25	70	55	700	42
Jumlah: Pikul (Piculs)		88,602	200,713	151,465	135,959	122,782	92,875	86,153	71,325	125,635	106,508	126,705	116,155	1,424,877	
(Total): M. Ton (M. Tonnes)		5,360	12,142	9,163	8,225	7,428	5,619	5,212	4,315	7,600	6,443	7,665	7,027		86,199

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

PULAU PINANG
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (c)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		4,691	10,058	6,080	6,230	4,882	4,122	1,650	6,382	7,433	8,731	11,899	17,257	89,415	5,409
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	3,918	3,640	31,667	37,548	17,451	17,823	21,829	17,693	23,471	10,722	8,135	2,727	196,624	11,895
	Lain-Lain (Other Seines)	3,029	4,410	1,070	1,038	959	1,529	1,004	975	1,183	1,429	3,697	4,910	25,233	1,527
Pukat-Pukat Hanyut (Drift/Gill Nets)		2,637	6,267	2,762	2,459	2,676	754	3,814	8,700	2,694	4,647	6,923	7,509	51,842	3,136
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	353	353	357	84	1,734	78	129	1,340	237	175	377	434	5,651	342
Pancing (Lines)		538	246	135	84	130	154	134	199	148	191	168	207	2,334	141
Pukat-Pukat Bakul (Bag Nets)		2,379	2,873	570	—	1,270	825	2,910	1,710	1,268	1,869	1,077	1,608	18,359	1,111
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		847	880	180	686	54	735	—	1,162	895	1,786	1,725	835	9,785	592
Memungut Siput (Shellfish Collection)		4,200	4,200	8,400	9,600	11,880	896	633	7,560	4,650	6,627	6,625	3,733	69,004	4,174
Rampai (Miscellaneous)		61	42	15	33	14	36	—	32	41	42	26	17	359	22
Jumlah: Pikul (Piculs)		22,653	32,969	51,236	57,762	41,050	26,952	32,103	45,753	42,020	36,219	40,652	39,237	468,606	
(Total): M. Ton (M. Tonnes)		1,370	1,995	3,100	3,494	2,483	1,631	1,942	2,768	2,542	2,191	2,459	2,374		28,349

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

PERAK
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (d)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		75,077	107,176	166,489	101,883	52,629	132,440	57,944	64,563	83,144	108,003	75,177	77,851	1,102,376	66,689
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	19,777	28,437	25,078	36,478	38,601	159,787	126,427	42,051	25,231	12,720	3,131	16,928	534,646	32,344
	Lain-Lain (Other Seines)	18,519	21,069	26,601	17,927	18,988	10,828	8,296	9,559	10,567	21,842	27,380	23,796	215,372	13,029
Pukat-Pukat Hanyut (Drift/Gill Nets)		7,038	18,417	11,470	13,039	8,880	18,531	7,553	11,901	12,708	8,038	11,722	6,621	135,918	8,223
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	1,695	3,000	1,038	1,654	1,626	1,759	881	1,539	1,372	3,359	8,666	6,594	33,183	2,007
	Bubu (Portable)	367	371	3,804	2,822	7,791	5,023	14,588	4,056	11,857	4,722	3,280	3,381	62,062	3,755
Pancing (Lines)		1,400	1,737	6,666	9,043	4,169	2,978	3,214	3,653	19,709	10,295	5,343	2,984	71,191	4,307
Pukat-Pukat Bekul (Bag Nets)		1,356	6,477	5,431	2,844	1,463	466	1,285	304	2,265	2,880	1,670	1,274	27,715	1,677
Pukat-Pukat Rentang (Barrier Nets)		87	—	—	—	—	—	—	—	—	—	—	—	87	5
Pukat-Pukat Surung (Push/Scoop Nets)		27	69	1,884	1,799	1,065	908	721	702	989	1,778	2,638	2,206	14,786	894
Memungut Siput (Shellfish Collection)		60,533	78,481	88,037	86,957	92,783	86,910	27,368	43,184	69,867	65,852	130,372	103,305	933,649	56,482
Rampaian (Miscellaneous)		235	392	106	361	240	396	258	480	93	403	403	371	3,738	226
Jumlah: Pikul (Piculs)		186,111	265,626	336,604	274,807	228,235	420,026	248,535	181,992	237,802	239,892	269,782	245,311	3,134,723	
(Total): M. Ton (M. Tonnes)		11,259	16,069	20,363	16,625	13,807	25,410	15,035	11,010	14,386	14,513	16,321	14,840		189,638

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

SELANGOR
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)

2.8 (e)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		96,945	99,829	101,292	83,495	80,671	101,099	99,102	86,483	89,402	86,565	86,599	81,233	1,092,715	66,105
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	3,805	3,360	3,240	5,750	4,700	4,660	6,510	5,690	4,450	4,900	3,740	2,380	53,185	3,217
	Lain-Lain (Other Seines)	73	78	74	66	64	52	73	73	73	91	70	71	858	52
Pukat-Pukat hanyut (Drift/Gill Nets)		2,860	3,831	3,618	3,623	3,737	3,159	4,204	4,098	4,249	4,398	4,424	4,781	46,982	2,842
Pukat-Pukat Tangguk (Lift Nets)		48	46	46	26	19	16	44	50	42	40	31	34	442	27
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Lines)		1,573	1,762	1,782	1,630	1,734	1,657	1,741	1,649	1,621	1,759	1,661	1,730	20,299	1,228
Pukat-Pukat Bekul (Bag Nets)		16,106	15,855	15,261	15,753	16,164	14,995	14,023	14,272	14,053	14,413	13,952	15,938	180,785	10,937
Pukat-Pukat Rentang (Barrier Nets)		342	410	293	257	287	334	334	336	390	578	611	674	4,846	293
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		3,090	3,462	3,795	3,360	3,057	4,400	5,200	6,600	7,000	6,800	7,000	9,400	63,164	3,821
Rampaian (Miscellaneous)		520	440	410	400	455	—	—	—	—	—	—	—	2,225	135
Jumlah: Pikul (Piculs)		125,362	129,073	129,811	114,360	110,888	130,372	131,231	119,251	121,280	119,544	118,088	116,241	1,465,501	
(Total): M. Ton (M. Tonnes)		7,584	7,808	7,853	6,918	6,709	7,887	7,939	7,214	7,337	7,232	7,144	7,032		88,657

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

NEGERI SEMBILAN
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (f)

BULAN (Month) Kumpulan Perkakas (Gear Group)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
													Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lain-Lain (Other Seines)	94	76	63	69	83	84	105	101	79	81	90	84	1,009
Pukat-Pukat Hanyut (Drift/Gill Nets)		396	345	271	278	275	284	293	278	218	266	271	301	3,476
Pukat-Pukat Tangguk (Lift Nets)		-	-	-	-	-	-	-	-	-	-	-	-	-
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bubu (Portable)	32	27	27	31	37	40	49	58	57	52	57	57	524
Pancing (Lines)		109	160	161	167	189	178	181	199	170	183	221	234	2,152
Pukat-Pukat Bakul (Bag Nets)		-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat-Pukat Rentang (Barrier Nets)		-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat-Pukat Surung (Push/Scoop Nets)		-	-	-	-	-	-	-	-	-	-	-	-	-
Memungut Siput (Shellfish Collection)		-	-	-	-	-	-	-	-	-	-	-	-	-
Rampai (Miscellaneous)		5	8	12	10	8	8	11	7	6	5	7	8	95
Jumlah: Pikul (Piculs)		636	616	534	555	592	594	639	643	530	587	646	684	7,256
(Total): M. Ton (M. Tonnes)		38	37	32	34	36	36	39	39	32	36	39	41	439

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

MELAKA
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (g)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lain-Lain (Other Seines)	103	117	127	129	141	136	137	138	154	151	156	156	1,645	100
Pukat-Pukat Melayut (Drift/Gill Nets)		1,985	1,910	2,092	2,081	2,105	2,035	2,032	2,019	2,056	2,036	2,052	2,023	24,426	1,478
Pukat-Pukat Tangguk (Lift Nets)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	165	166	175	176	177	176	182	183	193	194	216	212	2,215	134
	Bubu (Portable)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pancing (Lines)		659	678	696	692	661	696	693	660	689	676	660	645	8,105	490
Pukat-Pukat Bekul (Bag Nets)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat-Pukat Rentang (Barrier Nets)		68	61	64	64	65	67	61	60	62	56	52	53	733	44
Pukat-Pukat Surung (Push/Scoop Nets)		51	67	66	68	59	63	56	59	58	56	118	101	822	50
Memungut Siput (Shellfish Collection)		910	800	-	-	-	-	-	-	-	-	-	-	1,710	103
Rampai (Miscellaneous)		10	13	13	13	12	13	13	14	16	14	13	14	158	10
Jumlah: Pikul (Piculs)		3,951	3,812	3,233	3,223	3,220	3,186	3,174	3,133	3,228	3,183	3,267	3,204	39,814	
(Total): M. Ton (M. Tonnes)		239	231	196	195	195	193	192	189	195	192	198	194		2,409

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

JOHORE BARAT (WEST JOHORE)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (h)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		6,945	19,010	10,913	17,036	17,350	12,615	17,230	11,980	9,764	15,947	16,647	16,863	172,300	10,424
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-Lain (Other Seines)	851	762	796	636	449	276	1,140	1,154	259	246	71	78	6,718	406
Pukat-Pukat Hanyut (Drift/Gill Nets)		4,138	3,567	3,558	3,868	5,427	4,904	10,844	11,236	8,569	7,186	4,550	3,973	71,820	4,345
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	1,471	1,411	1,386	1,305	1,150	1,230	1,090	1,080	1,031	3,225	2,647	1,343	18,369	1,111
	Bubu (Portable)	183	203	159	577	153	107	195	191	735	532	163	132	3,330	202
Pancing (Lines)		1,214	1,228	1,030	220	509	491	996	985	847	780	705	693	9,698	587
Pukat-Pukat Bakul (Bag Nets)		826	761	708	632	660	518	2,091	2,213	2,445	2,720	1,885	938	16,397	992
Pukat-Pukat Rentang (Barrier Nets)		96	558	587	512	236	175	259	298	110	1,430	776	1,035	6,072	367
Pukat-Pukat Surung (Push/Scoop Nets)		35	34	—	—	—	—	—	—	—	—	—	—	69	4
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		—	—	35	26	28	28	28	25	64	65	56	43	398	24
Jumlah: Pikul (Piculs)		15,759	27,534	19,172	24,812	25,962	20,344	33,873	29,162	23,824	32,131	27,500	25,098	305,171	
(Total): M. Ton (M. Tonnes)		953	1,666	1,160	1,501	1,571	1,231	2,049	1,764	1,441	1,944	1,664	1,518		18,462

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

KELANTAN
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (i)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		1,943	2,220	3,041	2,803	1,797	2,120	1,931	2,888	2,813	2,818	1,354	1,352	27,080	1,638
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	4,697	5,834	14,670	14,195	9,854	13,278	12,220	16,590	17,080	17,050	8,885	7,322	141,675	8,571
	Lain-Lain (Other Seines)	965	1,172	426	346	60	265	55	60	144	33	14	11	3,551	215
Pukat-Pukat Hanyut (Drift/Gill Nets)		997	744	1,163	1,186	597	1,009	1,935	2,658	2,556	2,424	886	1,114	17,269	1,045
Pukat-Pukat Tangguk (Lift Nets)		1,795	2,175	3,111	8,695	6,877	5,236	7,007	7,954	7,431	4,695	2,974	135	58,085	3,514
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	106	158	388	516	434	381	316	450	286	422	204	166	3,827	231
Pancing (Lines)		130	150	490	541	427	355	327	344	342	249	87	72	3,514	213
Pukat-Pukat Bekul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	8	9	17	1
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		—	—	—	120	30	—	—	—	—	—	—	—	150	9
Jumlah: Pikul (Piculs)		10,633	12,453	23,289	28,402	20,076	22,644	23,791	30,944	30,652	27,691	14,412	10,181	255,168	
(Total): M. Ton (M. Tonnes)		643	754	1,409	1,718	1,215	1,370	1,439	1,872	1,854	1,675	872	616		15,437

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

TRENGGANU
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)
2.8 (i)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		35,486	25,409	22,930	19,049	19,410	19,040	22,177	21,422	23,547	28,205	19,954	23,496	280,125	16,946
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	46,058	48,455	51,769	46,036	32,698	33,070	39,567	48,298	49,074	50,306	10,490	13,674	469,495	28,403
	Lain-Lain (Other Seines)	—	922	1,699	1,010	—	—	—	—	—	—	—	—	3,631	220
Pukat-Pukat Hanyut (Drift/Gill Nets)		3,922	6,263	8,158	9,592	9,723	10,697	10,452	10,438	10,544	11,078	4,344	3,051	98,262	5,945
Pukat-Pukat Tangguk (Lift Nets)		4,408	5,890	6,298	7,903	7,294	6,333	5,684	6,339	7,479	7,162	2,566	4,628	71,984	4,355
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	4,689	4,342	3,799	4,030	4,128	4,519	3,641	3,934	3,912	3,559	2,712	2,629	45,894	2,776
Pancing (Lines)		11,842	11,390	9,659	10,667	8,527	8,791	8,647	8,253	9,148	9,303	6,068	6,209	108,504	6,564
Pukat-Pukat Bakul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		—	170	1,873	1,452	845	550	480	390	440	—	—	—	6,200	375
Jumlah: Pikul (Piculs)		106,405	102,841	106,185	99,739	82,625	83,000	90,648	99,074	104,144	109,613	46,134	53,687	1,084,095	
(Total): M. Ton (M. Tonnes)		6,437	6,221	6,424	6,034	4,999	5,021	5,484	5,994	6,300	6,631	2,791	3,248		65,584

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

PAHANG
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)

2.8 (k)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		12,583	11,533	12,899	16,761	17,062	16,026	14,888	17,184	16,053	15,555	11,306	12,069	173,919	10,521
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	2,263	3,284	4,776	5,803	6,018	6,518	6,982	7,526	8,424	8,362	532	586	61,074	3,695
	Lain-Lain (Other Seines)	—	68	—	320	214	384	286	201	285	248	—	—	2,006	121
Pukat-Pukat Hanyut (Drift/Gill Nets)		121	618	500	768	767	955	653	738	816	874	442	23	7,275	440
Pukat-Pukat Tangguk (Lift Nets)		374	455	720	1,112	1,735	1,212	1,348	1,028	1,131	1,224	1,346	374	12,059	730
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	—	—	9	16	56	96	90	85	90	65	—	—	507	31
	Bubu (Portable)	407	346	576	654	945	1,037	1,088	1,151	1,006	983	708	254	9,155	554
Pancing (Lines)		771	645	642	756	871	887	780	688	721	787	532	456	8,536	516
Pukat-Pukat Bakul (Bag Nets)		—	—	10	8	9	12	13	12	11	27	—	—	102	6
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah: Pikul (Piculs) (Total): M. Ton (M. Tonnes)		16,519 999	16,949 1,025	20,132 1,218	26,198 1,585	27,677 1,674	27,127 1,641	26,128 1,581	28,613 1,731	28,537 1,726	28,125 1,702	14,866 899	13,762 833	274,633	16,614

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

JOHORE TIMUR (JOHORE EAST)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Month and Gear Group – 1979)

Jadual (Table)

2.8 (i)

Kumpulan Perkakas (Gear Group)	BULAN (Month)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		26,185	19,765	26,283	30,206	29,726	28,437	28,017	32,060	14,400	26,984	25,051	15,926	303,040	18,333
P.P. Tarik (Seine Nets)	Pukat Jerut (Purse Seines)	6,126	16,102	34,661	31,717	18,358	16,957	12,787	4,413	17,944	32,595	18,976	5,698	216,334	13,087
	Lain-Lain (Other Seines)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Hanyut (Drift/Gill Nets)		—	—	3,344	10,720	1,206	1,416	1,693	961	5,595	1,836	1,087	41	27,899	1,688
Pukat-Pukat Tangguk (Lift Nets)		4,737	4,782	9,767	6,201	—	—	783	—	—	—	—	—	26,270	1,589
Perangkap Perangkap (Traps)	Belat-Belat (Stationary)	966	783	599	514	1,550	1,395	1,407	1,673	1,833	1,836	1,648	55	14,259	863
	Bubu (Portable)	—	—	—	947	732	738	403	485	388	273	314	—	4,280	259
Pancing (Lines)		2,570	4,316	5,865	5,700	3,875	4,765	7,408	1,953	1,722	4,101	4,393	1,089	47,757	2,889
Pukat-Pukat Bakul (Bag Nets)		3,107	5,706	2,482	2,761	1,642	1,233	1,798	1,178	6,806	3,724	4,472	1,712	36,621	2,215
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah: Pikul (Piculs)		43,691	51,454	83,001	88,766	57,089	54,941	54,296	42,723	48,688	71,349	55,941	24,521	676,460	
(Total): M. Ton (M. Tonnes)		2,643	3,113	5,021	5,370	3,454	3,324	3,285	2,585	2,945	4,316	3,384	1,483		40,923

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

**KUMPULAN TARAF PERANGKAAN BAGI IKAN-IKAN
LAUT PERDAGANGAN MALAYSIA
(STANDARD STATISTICAL CLASSIFICATION
OF MALAYSIAN COMMERCIAL MARINE FISHES)**

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
DIADROMOUS	24. SHADS, MILKFISHES, ETC.	Kebasi/Selangat Puput Beliat Mata	Gizzard shad Shad Slender shad	Anodontosoma chacunda Pellona spp. Ilisha elongata
	25. MISCELLA- NEOUS	Siakap	Sea perch	Lates calcarifer
MARINE FISHES	31. FLOUNDERS, HALIBUTS, SOLES	Lidah Sebelah	Tongue sole Flatfish	Cynoglossus spp. Pseudorhombus spp.
	33. REDFISHES, BASSESS, CONGERS, ETC.	Bayan Biji Nangka Daun Baharu Delah Dengkis/Debam Duri/Pulutan/Utek Gelama/Tengkerong Gerut-Gerut Jenahak Kaci Kerapu Kerisi Kerisi bali Kikek Malong Merah Mengkerong/Ubi/Conor Remong/Kunyit-Kunyit Semilang Shrumbu/Lemah Puntung Damar/ Bulus-bulus Pasir-Pasir/Timun- Timun/Puyu Laut	Parrotfish Goatfish Spotted batfish Fusilier Rabbitfish Marine catfishes Jewfish Grunter Red snapper Sweetlip Grouper Threadfin bream Sharptoothed bass Ponyfish, slipmouth Conger eel Red snapper Grunters, Lizardfish Snappers Catfish eel Whitefish Whittings Monocle breams	Callyodon spp./Thalassoma spp. Upeneus spp. Drepane punctata Caesio erythrogaster Siganus spp. Tachysurus spp./Arius spp. Sciaena spp./Johnius spp. Pomadasys spp. Lutianus argentimaculatus Spilotichthyys pictus Epinephelus spp./Plectropomus spp. Nemipterus spp. Pristipomoides typus Leiognathus spp./Gazza spp. Muraenesox spp. Lutianus spp. Sauride spp. Lutianus spp. Plotosus spp. Lactarius lactarius Sillago sihama/S.maculata Scolopsis spp.
	34. JACKS, MULLETES, SAURIES, ETC.	Alu-Alu/Kacang-Kacang Aruan tasek Bawal hitam Bawal putih Bawal tambak Belanak/Kedera Cermin/Gerong-Cerong Cincaru Demudok Kurau/Senangin/ Senohong Pelata Selar Selar Kuning/Lolong Selayang/Curut Talang Pisang-Pisang Rambai	Barracudas Black Kingfish Black pomfret White pomfret Chinese pomfret Mulletes Golden trevally Hardtail scad Horse mackerel, travelly Threadfin Scad Selar scad Goldbanded scad Round Scad Queenfish, leatherskin, leatherjacket Rainbow runner Horse mackerel, trevally	Sphyraena spp. Rachycentron canadus Parastromateus niger Pampus argenteus Pampus chinensis Mugil spp. Alectis indica/Caranx spp. Megalaspis cordyla Caranx spp. Polynemus spp. Caranx spp. Selar spp. Selaroides leptolepis Decapterus russelli Chorinemus spp. Elagatis bipinnulatus Carangoides spp.

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
	35. HERRINGS, SARDINES, ANCHOVIES, ETC.	Billis Bulan Parang Parang Tamban Terubok	Anchovies Tarpon Wolf herring Sardine Longtail shad	Stolephorus spp./Anchoviella spp. Megalops cyprinoides Chirocentrus dorab Clupea spp./Sardinella spp. Clupea macrura
	36. TUNAS, BONITOS, BILLFISHES, ETC.	Aya/Kayu/ Tongkol Layaran/Mersuji	Eastern Little tuna/ Longtail tuna Sailfish/Black Marlin	Euthynnus spp./Thunnus spp. Makaira spp./Istiophorus spp.
	37. MACKERELS, SNOEKS, CUTLASS FISHES, ETC.	Kembong/Temenong Tenggiri Timah/Layor/Selayor	Indian mackerel Spanish mackerel Ribbonfish	Rastrelliger Kanagurta/ R. neglectus Scomberomorus spp. Trichiurus spp.
	38. SHARKS, RAYS, CHIMAERAS, ETC.	Pari Yu	Ray Shark	Dasyatis spp./Gymnura spp. Galeorhinidae
	39. MISCELLANEOUS MARINE FISHES	Ikan Baja Ikan Campur Jebong	Trashfish Miscellaneous Fishes Triggerfish	Mixed spp. Abalistes stellaris
CRUSTACEANS	42. SEASPIDERS, CRABS, ETC.	Ketam Laut Ketam Batu	Swimming (Blue) Crabs Mangrove Crabs	Portunus pelagicus Scylla serrata
	43. LOBSTERS, SPINY-ROCK LOBSTERS, ETC.	Udang Karang Udang Lobak	Spiny Lobster Slipper Lobster	Panulirus polyhagus Thenus orientalis
	45. SHRIMPS, PRAWNS, ETC.	Udang Udang Baring	Prawns Sergestid Shrimps	Penaeus spp./Metapenaeus spp. Acetes spp.
MOLLUSCS	56. CLAMS, COCKLES, ARKHELLS, ETC.	Kerang Siput	Arkshells/Blood Cockles Clams, Mussels Marine snails	Anadara granosa Gastropods/Bivalves
	57. SQUIDS, CUTTLEFISHES, OCTOPUSES, ETC.	Sotong Piasa Sotong Katak Sotong Kereta	Squids Cuttlefishes Octopus	Loliginidae Sepiidae Suborder Incirrate

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN JENIS IKAN – 1979
(Landings of Marine Fish by State and Type of Fish – 1979)

Jadual (Table) 2.9

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah (Total)	
		Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat (J. West)		Kelantan	Trengganu	Pahang	Johor Timur (J. East)		Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	968	4,390	3,106	5,730	295	295	882	300	15,966	70	130	606	3,380	4,186	20,152	1,219
	Puput/Beliat Mata/Tirok	—	1,350	320	458	3,175	—	—	3,987	9,290	—	32	—	391	423	9,713	588
25	Siakap	—	55	2	4	4,234	66	304	273	4,938	—	79	6	36	121	5,059	306
31	Lidah	1,883	11,056	949	2,873	27,893	—	—	309	44,963	—	978	101	74	1,153	46,116	2,790
	Sebelah	195	959	37	2,743	172	—	—	1	4,107	68	1,604	128	415	2,215	6,322	382
33	Bayan	—	—	—	—	—	—	—	—	—	—	798	173	174	1,145	1,145	69
	Biji Nangka	—	228	738	4,942	3,165	—	—	772	9,845	1,600	13,236	1,286	3,205	19,327	29,172	1,765
	Daun Baharu	—	495	8	565	250	—	—	64	1,382	—	2,902	102	457	3,461	4,843	293
	Delah	—	209	21	132	—	—	—	—	362	—	1,407	272	643	2,322	2,684	162
	Duri/Pulutan/Utik	510	3,567	1,593	16,084	14,229	95	4,253	6,990	47,321	456	11,199	1,349	2,608	15,612	62,933	3,807
	Dengkis/Debam	—	350	—	—	—	—	—	—	350	—	1,689	639	3,808	6,136	6,486	392
	Gelama/Tengkerong	3,289	23,431	13,030	24,679	25,908	277	—	10,481	101,095	2,774	9,203	2,972	11,710	26,659	127,754	7,729
	Gerut-Gerut	613	1,206	712	9,142	10,561	—	—	14	22,248	494	2,720	433	55	3,702	25,950	1,570
	Jenahak	205	1,146	770	17,434	2,327	507	1,756	2,062	26,207	105	1,126	103	14	1,348	27,555	1,667
	Kaci	—	37	2	10,409	245	—	—	—	10,693	—	1,340	683	1,765	3,788	14,481	876
	Kerapu	584	3,622	1,535	45,090	5,267	210	777	839	57,924	621	11,515	1,956	1,234	15,326	73,250	4,431
	Kerisi	663	22,267	2,197	57,597	8,657	—	—	808	92,189	2,454	38,278	6,810	27,610	75,152	167,341	10,123
	Kerisi Bali	—	—	—	8,028	—	—	—	—	8,028	—	—	—	—	—	8,028	486
	Kikek	—	401	519	4,479	168	—	20	42	5,629	1,226	6,215	173	4,689	12,303	17,932	1,085
	Malong	—	3,107	952	4,015	20,718	10	279	6,894	35,975	685	256	—	1	942	36,917	2,233
	Merah	—	204	3,497	38,008	7,832	489	409	1,406	51,845	2,321	22,165	829	2,688	28,003	79,848	4,830
	Mengkerong/Conor/ Ubi-Ubi	—	9,925	500	13,214	9,291	—	—	409	33,339	—	1,032	1,199	664	2,895	36,234	2,192
	Remong/Kunvit Kunvit	—	29	—	1,362	—	—	—	—	1,391	753	2,827	997	980	5,557	6,948	420
	Semilang	333	2,720	515	3,969	1,446	59	224	1,248	10,514	—	—	—	7	7	10,521	636
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	195	814	—	381	—	—	—	—	1,390	278	12,259	996	2,266	15,799	17,189	1,040
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	14	1,081	6,192	7,287	7,287	441
34	Alu-Alu/Kacang kacang	117	4,568	226	11,558	2,448	—	—	223	19,140	439	5,953	750	3,752	10,894	30,034	1,817
	Aruan Tasik	—	100	—	273	1,238	91	85	22	1,809	102	6,311	374	47	6,834	8,643	523
	Bawal	305	8,252	8,601	13,117	21,849	310	813	10,970	64,217	3,234	8,719	2,177	1,408	15,538	79,755	4,825
	Belanak/Kedera	—	993	7,635	12,088	1,875	292	277	1,234	24,394	17	2,228	202	1,638	4,085	28,479	1,723
	Cermin/Sagai/Cupak	—	250	78	1,292	2,370	—	—	1,981	5,971	508	10,556	255	1,962	13,281	19,252	1,165
	Cencaru	12,605	21,818	1,062	77,787	35,619	215	1,409	2,296	152,811	1,057	36,765	778	7,739	46,339	199,150	12,048
	Demudok/Rambai	—	2,053	58	9,880	620	—	—	5	12,616	712	7,471	1,746	920	10,849	23,465	1,420
	Kurau/Senangin/ Senohong	611	597	1,277	5,808	4,630	128	1,082	1,415	15,548	—	170	386	14	570	16,118	975

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah (Total)	
		Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat (J. West)		Kelantan	Trengganu	Pahang	Johor Timur (J. East)		Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	11,640	7,976	12,925	13,995	9,408	155	—	1,079	57,178	34,726	56,489	7,381	34,963	133,559	190,737	11,539
	Selar Kuning/Lolong	—	3,604	—	30,543	2,888	57	—	640	37,732	43,102	62,179	14,640	65,692	185,613	223,345	13,511
	Selayang/Curut	26,452	144	70,346	12,144	—	—	—	—	109,086	63,035	105,817	8,482	50,496	227,830	336,916	20,382
	Pisang-Pisang	4,980	857	3	—	97	—	—	—	5,937	—	1,256	518	258	2,032	7,969	482
	Talang	—	958	—	1,022	—	145	183	287	2,595	37	587	122	121	867	3,462	209
	Bilis	—	477,779	—	73,732	12,364	—	—	2,614	566,489	377	34,195	7,064	6,837	48,473	614,962	37,203
	Parang-Parang	3,150	9,043	1,387	7,738	14,940	555	6,588	9,490	52,891	1,741	4,610	2,616	1,581	10,548	63,439	3,838
	Tamban	6,920	29,463	13,426	9,882	17,662	—	—	3,103	80,456	5,725	71,539	14,711	60,818	152,793	233,249	14,111
	Terubok	—	—	—	205	—	—	—	—	205	—	205	—	—	205	410	25
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	293	36	16	345	345	21
	Aya/Kayu/Tongkol	3,985	9,032	4,681	14,759	927	72	—	—	33,456	2,061	83,765	1,143	26,718	113,687	147,143	8,902
37	Layaran/Mersuii	—	24	—	705	—	—	—	2	731	4,537	5,068	—	166	9,771	10,502	635
	Kembong/Temenong	44,752	78,512	58,426	343,025	38,811	143	881	7	564,557	54,838	139,795	22,849	83,938	301,420	865,977	52,388
38	Tenggiri	738	5,751	8,044	43,263	13,333	734	6,243	10,754	88,860	3,088	29,423	4,030	13,489	50,030	138,890	8,402
	Timah/Layor/Selayor	670	6,385	1,745	9,659	4,373	—	—	958	23,790	986	3,349	228	1,667	6,230	30,020	1,816
39	Pari	716	3,478	801	10,409	28,625	436	1,803	6,717	52,985	555	3,341	3,713	3,379	10,988	63,973	3,870
	Yu	352	1,131	477	5,451	18,899	82	417	374	27,183	684	2,975	1,373	1,977	7,009	34,192	2,068
42	Ikan Baja	121,285	496,876	94,783	682,117	557,754	—	1,197	87,625	2,041,637	5,877	164,614	123,626	151,252	445,369	2,487,006	150,454
	Ikan Campur	3,749	11,731	7,529	23,942	25,880	1,008	5,697	45,309	124,845	3,250	53,954	9,461	4,945	71,610	196,455	11,885
45	Jebong	—	929	—	2,847	790	—	—	50	4,616	—	2,072	657	855	3,584	8,200	496
	Ketam	2,184	7,622	4,194	11,756	20,992	337	—	6,704	53,789	674	508	3,672	5,011	9,865	63,654	3,851
56	Udang Besar	6,139	6,067	10,112	29,084	46,690	—	390	7,265	105,747	1,387	2,026	1,472	5,011	9,896	115,643	6,997
	Udang Sedang	16,294	14,611	18,943	146,336	153,535	488	660	8,619	359,486	1,940	4,559	9,131	4,344	19,974	379,460	22,956
57	Udang Kecil	17,181	48,962	22,660	208,174	130,710	—	736	43,348	471,771	902	6,595	2,075	22,380	31,952	503,723	30,473
	Udang Baring	—	45	9,998	48,729	47,622	—	739	7,750	114,883	2,455	3,119	—	10,085	15,659	130,542	7,897
76	Kerang	—	268	69,004	914,057	63,164	—	1,710	—	1,048,203	—	—	—	—	—	1,048,203	63,412
	Siput/Kepah	—	6	—	19,592	—	—	—	—	19,598	—	—	—	—	—	19,598	1,186
76	Sotong Kereta	—	4,108	243	1,919	—	—	—	—	6,270	—	87	—	—	87	6,357	385
	Sotong Katak	3,966	14,352	2,335	22,580	13,331	—	—	3,164	59,728	824	6,907	331	3,992	12,054	71,782	4,343
76	Sotong Biasa	2,521	54,964	6,604	43,917	26,224	—	—	4,267	138,497	2,393	13,591	5,740	23,923	45,647	184,144	11,140
	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)		300,750	1,424,877	468,606	3,134,723	1,465,501	7,256	39,814	305,171	7,146,698	255,168	1,084,095	274,633	676,460	2,290,356	9,437,054	—
(Total) M. Ton (M. Tonnes)		18,194	86,199	28,349	189,638	88,657	439	2,409	18,462	432,347	15,437	65,584	16,614	40,923	138,558	—	570,905

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN – 1979)
(Landings of Marine Fish by Month and Type of Fish – 1979)

Jadual (Table) 2.10

ISCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	574	2,017	1,286	919	1,414	888	564	1,855	1,812	4,746	2,135	1,942	20,152	1,219
	Puput/Beliat Mata/Tirok	173	1,142	759	510	879	969	936	885	723	769	717	1,251	9,713	588
25	Siakap	51	44	76	56	63	99	684	699	840	794	784	869	5,059	306
31	Lidah	3,309	4,352	4,980	4,605	3,288	3,706	2,838	3,514	3,506	3,805	4,614	3,599	46,116	2,790
	Sebelah	581	522	1,267	419	319	561	316	444	650	484	350	409	6,322	382
33	Bayan	25	36	71	203	76	124	121	123	125	137	59	45	1,145	69
	Biji Nangka	1,913	1,630	3,401	2,517	2,345	1,857	1,769	2,411	3,406	1,653	3,695	2,575	29,172	1,765
	Daun Baharu	254	411	326	372	502	637	502	409	358	333	200	539	4,843	293
	Delah	71	140	213	327	219	283	237	244	244	267	240	199	2,684	162
	Duri/Pulutan/Utik	4,161	4,684	6,795	5,982	4,089	4,904	3,922	4,937	4,168	7,724	6,455	5,112	62,933	3,807
	Dengkis/Debam	450	317	323	481	394	462	1,092	1,138	696	377	309	447	6,486	392
	Gelama/Tengkerong	9,054	14,096	12,990	9,503	9,917	12,612	8,181	9,089	8,154	12,280	11,324	10,554	127,754	7,729
	Gerut-Gerut	2,577	2,307	3,047	3,490	2,126	2,072	1,978	1,494	1,624	2,666	1,241	1,328	25,950	1,570
	Jenahak	1,926	1,147	1,301	2,146	923	1,847	4,449	2,622	5,194	2,686	1,431	1,883	27,555	1,667
	Kaci	982	1,014	1,773	1,273	3,471	1,587	2,109	367	547	741	268	349	14,481	876
	Kerapu	3,816	3,506	6,519	5,648	5,196	6,477	9,289	4,969	10,548	9,452	4,402	3,428	73,250	4,431
	Kerisi	7,612	12,297	24,591	16,911	12,556	19,427	9,672	11,143	11,731	14,498	14,313	12,590	167,341	10,123
	Kerisi Bali	—	—	—	—	—	—	8	—	6,865	20	45	1,090	8,028	486
	Kikek	743	1,082	1,269	1,841	1,764	1,459	1,191	1,424	903	1,055	1,768	3,433	17,932	1,085
	Malong	1,880	2,736	2,280	3,034	2,369	3,172	3,906	3,585	3,820	4,155	3,280	2,700	36,917	2,233
	Merah	4,449	4,653	4,733	5,198	9,260	6,757	5,749	5,602	16,068	6,397	6,492	4,490	79,848	4,830
	Mengkerong/Conor/ Ubi-Ubi	5,184	4,051	3,870	2,481	1,631	1,867	2,386	2,665	2,958	3,270	2,889	2,982	36,234	2,192
	Remong/Kunyit Kunyit	497	438	499	704	608	696	691	543	624	614	442	592	6,948	420
	Semilang	471	898	506	1,371	752	1,805	472	845	836	1,007	621	937	10,521	636
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	968	912	3,145	2,146	2,155	2,238	1,795	1,366	500	766	686	512	17,189	1,040
	Pasir-Pasir	99	149	724	1,006	702	894	474	295	377	112	1,602	853	7,287	441
34	Alu-Alu/Kacang kacang	3,384	3,497	4,535	2,802	2,577	2,633	1,928	2,528	2,011	1,515	1,001	1,623	30,034	1,817
	Aruan Tasik	350	682	738	999	1,119	946	810	685	569	751	431	563	8,643	523
	Bawal	6,220	8,841	7,419	10,087	6,553	4,412	5,220	4,487	7,434	7,120	4,847	7,115	79,755	4,825
	Belanak/Kedera	1,549	3,208	1,744	1,660	1,354	3,313	1,007	956	837	4,678	6,244	1,929	28,479	1,723
	Cermin/Sagai/Cupak	894	1,269	1,799	1,644	1,384	1,529	2,734	1,764	1,817	2,039	1,323	1,056	19,252	1,165
	Cencaru	7,853	10,350	9,578	16,735	23,316	18,788	45,647	17,277	23,893	14,525	6,000	5,188	199,150	12,048
	Demudok/Rambai	550	649	2,505	2,415	1,476	1,770	1,417	2,273	2,497	2,455	2,640	2,818	23,465	1,420
	Kurau/Senangin/ Senohong	1,203	1,977	990	852	1,626	1,414	1,666	1,203	1,889	876	812	1,610	16,118	975

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	8,179	9,546	20,162	26,250	22,205	17,491	16,398	16,533	19,891	16,410	10,097	7,575	190,737	11,539
	Selar Kuning/Lolong	11,594	15,850	16,278	19,369	15,423	29,147	21,747	19,941	19,250	24,605	19,336	10,805	223,345	13,511
	Selayang/Curut	16,508	17,629	46,671	53,571	26,310	28,418	28,871	24,237	34,375	32,552	15,475	12,299	336,916	20,382
	Pisang-Pisang	90	87	71	321	648	705	1,699	944	1,273	1,172	638	321	7,969	482
	Talang	49	331	129	112	118	176	195	92	338	278	1,119	525	3,462	209
	Bilis	22,582	98,059	56,849	55,408	56,714	62,251	69,473	27,371	41,849	39,295	35,516	49,595	614,962	37,203
	Parang-Parang	5,837	7,080	5,411	4,743	5,200	5,104	4,379	3,877	6,809	5,555	4,818	4,626	63,439	3,838
	Tamban	16,957	22,636	34,052	25,286	18,314	17,979	13,629	13,831	22,178	17,802	14,849	15,736	233,249	14,111
	Terubok	374	36	—	—	—	—	—	—	—	—	—	—	410	25
	Bulan-Bulan	17	33	18	17	18	30	44	49	35	33	5	46	345	21
36	Aya/Kayu/Tongkol	9,812	10,512	24,256	12,007	11,647	10,693	16,440	11,294	18,369	13,018	5,392	3,703	147,143	8,902
	Layaran/Mersuji	307	534	403	906	856	1,826	1,028	1,106	1,274	1,229	478	555	10,502	635
37	Kembong/Temenong	45,790	62,066	69,433	89,398	47,778	167,232	114,355	74,764	64,815	66,495	37,480	26,371	865,977	52,388
	Tenggiri	11,536	9,891	7,410	11,230	9,515	18,637	8,747	15,287	16,154	8,746	11,442	10,295	138,890	8,402
38	Timah/Layor/Selayor	2,057	3,924	3,331	1,494	1,829	2,249	1,653	1,297	3,128	4,344	2,081	2,633	30,020	1,816
	Pari	4,126	4,917	3,999	3,863	4,168	5,313	4,235	5,452	4,489	4,630	9,184	9,597	63,973	3,870
39	Yu	3,197	3,674	3,123	3,084	3,094	2,423	2,471	2,524	3,687	2,999	2,133	1,783	34,192	2,068
	Ikan Baja	199,368	240,190	283,416	236,715	180,637	218,592	171,972	181,715	191,851	216,106	183,946	182,498	2,487,006	150,454
42	Ikan Campur	14,525	14,727	15,458	17,267	13,478	15,740	22,909	23,341	17,073	16,609	13,724	11,604	196,455	11,885
	Jebong	402	515	584	533	759	882	564	1,023	438	303	425	1,772	8,200	496
45	Ketam	4,750	6,228	4,628	4,764	5,369	4,441	4,971	6,641	5,884	6,409	5,604	3,965	63,654	3,851
	Udang Besar	8,174	13,085	9,140	7,671	10,515	8,052	7,414	13,268	10,581	8,967	8,622	10,154	115,643	6,997
56	Udang Sedang	35,592	40,155	38,251	25,084	33,744	25,684	27,337	22,712	26,100	32,817	40,520	31,464	379,460	22,956
	Udang Kecil	51,625	55,297	46,428	36,352	40,165	34,722	35,671	36,966	34,455	44,262	46,392	41,388	503,723	30,473
57	Udang Baring	9,786	16,938	13,011	5,913	7,918	5,691	5,985	4,111	9,621	16,673	19,504	15,391	130,542	7,897
	Kerang	68,513	86,943	97,964	98,760	107,705	90,991	31,549	55,530	80,383	72,002	141,425	116,438	1,048,203	63,412
76	Siput/Kepah	460	—	2,268	1,157	15	1,221	1,680	1,814	1,134	7,277	2,572	—	19,598	1,186
	Sotong Kereta	728	1,986	407	556	916	163	28	264	288	157	455	409	6,357	385
76	Sotong Katak	3,115	7,296	7,187	5,874	5,205	7,379	5,354	6,423	6,878	6,592	5,771	4,708	71,782	4,343
	Sotong Biasa	10,088	20,810	22,017	20,968	8,560	12,728	9,556	12,125	21,808	19,063	12,770	13,651	184,144	11,140
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah	639,961	866,029	948,407	879,010	745,246	908,165	756,114	678,373	792,632	801,167	745,433	676,517	943,7054	—
	(Total)	38,715	52,391	57,375	53,177	45,084	54,940	45,742	41,039	47,951	48,468	45,096	40,927	—	570,905

SEMENANJUNG MALAYSIA – PANTAI BARAT (PENINSULAR MALAYSIA – WEST COAST)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN – 1979)

(Landings of Marine Fish by Month and Type of Fish – 1979)

Jadual (Table) 2.11

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	290	1,265	714	620	863	615	275	1,508	1,607	4,518	1,780	1,911	15,966	966
	Puput/Beliat Mata/Tirok	173	1,130	759	510	879	969	936	885	723	769	569	988	9,290	562
25	Siakap	46	34	35	36	57	87	680	694	835	783	782	869	4,938	299
31	Lidah	3,161	4,259	4,909	4,524	3,228	3,626	2,760	3,422	3,424	3,701	4,515	3,434	44,963	2,720
	Sebelah	350	321	1,103	269	150	407	133	296	372	269	140	297	4,107	248
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	563	455	1,289	667	496	127	73	595	1,577	228	2,064	1,711	9,845	596
	Daun Baharu	52	175	64	55	83	263	117	75	81	49	16	352	1,382	84
	Delah	21	44	98	40	36	31	39	—	2	—	21	30	362	22
	Duri/Pulutan/Utik	3,466	3,898	5,644	4,564	2,737	3,602	2,685	3,561	2,246	4,761	5,712	4,445	47,321	2,863
	Dengkis/Debam	—	—	—	—	—	—	350	—	—	—	—	—	350	21
	Gelama/Tengkerong	6,952	11,640	11,255	7,213	8,062	10,430	5,953	6,401	5,688	8,915	9,272	9,314	101,095	6,116
	Gerut-Gerut	2,382	2,039	2,780	3,210	1,806	1,638	1,594	1,113	1,255	2,277	1,038	1,116	22,248	1,346
	Jenahak	1,841	1,074	1,207	2,077	857	1,765	4,329	2,499	5,043	2,437	1,297	1,781	26,207	1,585
	Kaci	646	789	1,521	832	2,989	1,172	1,631	78	269	421	83	262	10,693	647
	Kerapu	2,631	2,305	5,318	4,107	3,810	4,947	7,984	3,515	9,044	7,949	3,578	2,736	57,924	3,504
	Kerisi	4,528	7,362	14,924	9,294	6,010	11,995	2,785	4,472	5,599	7,643	9,357	8,220	92,189	5,577
	Kerisi Bali	—	—	—	—	—	—	8	—	6,865	20	45	1,090	8,028	486
	Kikek	63	140	359	867	340	62	—	40	295	149	444	2,870	5,629	341
	Malong	1,865	2,713	2,257	2,882	2,274	3,057	3,826	3,483	3,696	4,056	3,205	2,661	35,975	2,176
	Merah	1,630	2,310	2,207	2,425	6,814	3,692	3,138	3,155	14,123	4,318	4,922	3,111	51,845	3,136
	Mengkerong/Conor/ Ubi-Ubi	4,931	3,727	3,727	2,339	1,359	1,649	2,226	2,295	2,692	2,751	2,813	2,830	33,339	2,017
	Remong/Kunyit Kunyit	—	—	5	50	15	159	114	29	51	240	263	465	1,391	84
	Semilang	471	893	506	1,371	752	1,805	472	843	836	1,007	621	937	10,514	636
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	182	50	112	132	196	107	103	123	78	114	114	79	1,390	84
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	2,982	2,714	3,316	1,477	1,300	1,644	457	1,261	1,186	855	618	1,330	19,140	1,158
	Aruan Tasik	142	186	68	124	211	256	91	167	81	159	139	185	1,809	110
	Bawal	4,537	7,470	5,251	8,521	5,154	3,216	3,588	3,588	6,318	6,409	4,425	5,740	64,217	3,885
	Belanak/Kedera	1,238	2,084	1,262	1,235	987	3,094	659	741	611	4,457	6,106	1,920	24,394	1,476
	Cermin/Sagai/Cupak	171	342	788	179	141	127	1,162	255	710	1,112	571	413	5,971	361
	Cencaru	6,916	8,936	7,583	12,513	19,016	13,664	39,553	9,976	16,839	7,873	5,260	4,682	152,811	9,245
	Demudok/Rambai	107	199	1,824	1,006	527	914	458	1,217	1,542	1,057	1,694	2,071	12,616	763
	Kurau/Senangin/ Senohong	1,203	1,935	990	757	1,562	1,346	1,658	1,201	1,808	754	738	1,596	15,548	941

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	1,886	2,013	2,732	4,739	10,074	5,953	4,927	4,504	8,864	5,064	3,662	2,760	57,178	3,459
	Selar Kuning/Lolong	672	7,222	1,321	3,253	681	11,714	2,232	569	736	1,092	6,313	1,927	37,732	2,282
	Selayang/Curut	588	1,739	14,471	19,223	9,992	12,067	12,087	6,955	12,698	5,422	6,272	7,572	109,086	6,599
	Pisang-Pisang	—	—	—	200	450	523	1,504	800	820	888	500	252	5,937	359
	Talang	36	267	91	59	34	75	65	22	251	197	1,048	450	2,595	157
	Bilis	21,327	95,681	53,931	52,771	53,456	57,870	64,432	20,088	34,419	31,713	32,298	48,503	566,489	34,270
	Parang-Parang	5,418	6,530	4,740	3,901	4,320	4,093	3,344	2,867	5,715	4,033	3,901	4,029	52,891	3,200
	Tamban	8,046	5,900	10,960	6,044	5,405	6,354	5,583	3,370	7,226	3,805	6,504	11,259	80,456	4,867
	Terubok	169	36	—	—	—	—	—	—	—	—	—	—	205	13
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aya/Kayu/Tongkol	2,233	1,097	12,555	1,811	747	725	1,583	1,095	6,702	2,002	1,668	1,238	33,456	2,024
37	Layaran/Mersuji	—	2	—	—	16	211	58	5	24	161	101	153	731	44
	Kembong/Temenong	20,956	28,367	34,466	55,507	28,954	147,602	94,609	52,788	30,829	28,675	25,166	16,638	564,557	34,153
38	Tenggiri	5,207	3,995	3,264	6,948	7,254	14,807	4,504	12,523	12,700	4,258	5,845	7,555	88,860	5,375
	Timah/Layor/Selayor	1,769	3,413	2,831	856	981	1,798	1,052	813	2,716	3,948	1,608	2,005	23,790	1,439
39	Pari	2,742	3,618	2,960	2,966	3,280	4,344	3,412	4,513	3,625	3,772	8,540	9,213	52,985	3,205
	Yu	2,893	3,201	2,609	2,509	2,362	1,759	1,776	1,878	2,959	2,147	1,599	1,491	27,183	1,644
42	Ikan Baja	148,730	205,617	251,969	200,789	137,108	182,339	135,006	141,734	157,888	176,146	153,315	150,996	2,041,637	123,511
	Ikan Campur	8,745	10,581	9,988	9,771	6,017	7,525	14,428	15,438	11,477	10,748	11,194	8,933	124,845	7,552
45	Jebong	180	250	296	309	308	207	169	655	185	199	277	1,581	4,616	279
	Ketam	4,264	5,948	4,291	4,269	4,921	3,964	3,396	4,711	4,504	5,119	4,766	3,636	53,789	3,254
56	Udang Besar	6,849	10,671	8,801	7,228	10,345	7,687	7,045	13,066	10,436	8,310	7,869	7,440	105,747	6,398
	Udang Sedang	31,932	35,574	36,591	24,049	33,132	25,212	26,773	22,211	25,549	31,727	37,931	28,805	359,486	21,748
57	Udang Kecil	44,298	50,849	42,869	35,103	39,367	33,514	34,186	35,598	32,902	40,950	43,232	38,903	471,771	28,540
	Udang Baring	8,886	15,136	11,184	4,868	7,918	5,691	5,985	3,167	5,735	14,278	16,644	15,391	114,883	6,950
76	Kerang	68,513	86,943	97,964	98,760	107,705	90,991	31,549	55,530	80,383	72,002	141,425	116,438	1,048,203	63,412
	Siput/Kepah	460	—	2,268	1,157	15	1,221	1,680	1,814	1,134	7,277	2,572	—	19,598	1,186
76	Sotong Kereta	717	1,976	400	551	911	155	16	250	278	152	455	409	6,270	380
	Sotong Katak	2,201	5,587	5,865	4,951	3,981	6,218	4,192	5,696	6,106	5,940	4,966	4,025	59,728	3,614
76	Sotong Biasa	9,456	19,630	14,508	9,417	5,334	9,368	5,821	6,871	18,254	14,313	12,207	13,318	138,497	8,378
	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)		462,713	682,332	715,800	635,905	557,779	720,453	561,251	477,019	580,611	564,389	614,080	574,366	7,146,698	—
(Total) M. Ton (M. Tonnes)		27,992	41,278	43,303	38,470	33,743	43,584	33,953	28,858	35,125	34,144	37,150	34,747	—	432,347

SEMENANJUNG MALAYSIA – PANTAI TIMUR (PENINSULAR MALAYSIA – EAST COAST)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN – 1979)

(Landings of Marine Fish by Month and Type of Fish – 1979)

Jadual (Table) 2.12

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	284	752	572	299	551	273	289	347	205	228	355	31	4,186	253
	Puput/Beliat Mata/Tirok	—	12	—	—	—	—	—	—	—	—	148	263	423	26
25	Siakap	5	10	41	20	6	12	4	5	5	11	2	—	121	7
31	Lidah	148	93	71	81	60	80	78	92	82	104	99	165	1,153	70
	Sebelah	231	201	164	150	169	154	183	148	278	215	210	112	2,215	134
33	Bayan	25	36	71	203	76	124	121	123	125	137	59	45	1,145	69
	Biji Nangka	1,350	1,175	2,112	1,850	1,849	1,730	1,696	1,816	1,829	1,425	1,631	864	19,327	1,169
	Daun Baharu	202	236	262	317	419	374	385	334	277	284	184	187	3,461	209
	Delah	50	96	115	287	183	252	198	244	242	267	219	169	2,322	140
	Duri/Pulutan/Utik	695	786	1,151	1,418	1,352	1,302	1,237	1,376	1,922	2,963	743	667	15,612	944
	Dengkis/Debam	450	317	323	481	394	462	742	1,138	696	377	309	447	6,136	371
	Gelama/Tengkerong	2,102	2,456	1,735	2,290	1,855	2,182	2,228	2,688	2,466	3,365	2,052	1,240	26,659	1,613
	Gerut-Gerut	195	268	267	280	320	434	384	381	369	389	203	212	3,702	224
	Jenahak	85	73	94	69	66	82	120	123	151	249	134	102	1,348	82
	Kaci	336	225	252	441	482	415	478	289	278	320	185	87	3,788	229
	Kerapu	1,185	1,201	1,201	1,541	1,386	1,530	1,305	1,454	1,504	1,503	824	692	15,326	927
	Kerisi	3,084	4,935	9,667	7,617	6,546	7,432	6,887	6,671	6,132	6,855	4,956	4,370	75,152	4,546
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	680	942	910	974	1,424	1,397	1,191	1,384	608	906	1,324	563	12,303	744
	Malong	15	23	23	152	95	115	80	102	124	99	75	39	942	57
	Merah	2,819	2,343	2,526	2,773	2,446	3,065	2,611	2,447	1,945	2,079	1,570	1,379	28,003	1,694
	Mengkerong/Conor/ Ubi-Ubi	253	324	143	142	272	218	160	370	266	519	76	152	2,895	175
	Remong/Kunyit Kunyit	497	438	494	654	593	537	577	514	573	374	179	127	5,557	336
	Semilang	—	5	—	—	—	—	—	2	—	—	—	—	7	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	786	862	3,033	2,014	1,959	2,131	1,692	1,243	422	652	572	433	15,799	956
	Pasir-Pasir	99	149	724	1,006	702	894	474	295	377	112	1,602	853	7,287	441
34	Alu-Alu/Kacang kacang	402	783	1,219	1,325	1,277	989	1,471	1,267	825	660	383	293	10,894	659
	Aruan Tasik	208	496	670	875	908	690	719	518	488	592	292	378	6,834	413
	Bawal	1,683	1,371	2,168	1,566	1,399	1,196	1,632	899	1,116	711	422	1,375	15,538	940
	Belanak/Kedera	311	1,124	482	425	367	219	348	215	226	221	138	9	4,085	247
	Cermin/Sagai/Cupak	723	927	1,011	1,465	1,243	1,402	1,572	1,509	1,107	927	752	643	13,281	804
	Cencaru	937	1,414	1,995	4,222	4,300	5,124	6,094	7,301	7,054	6,652	740	506	46,339	2,803
	Demudok/Rambai	443	450	681	1,409	949	856	959	1,056	955	1,398	946	747	10,849	657
	Kurau/Senangin/ Senohong	—	42	—	95	64	68	8	2	81	122	74	14	570	34

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	6,293	7,533	17,430	21,511	12,131	11,538	11,471	12,029	11,027	11,346	6,435	4,815	133,559	8,080
	Selar Kuning/Lolong	10,922	8,628	14,957	16,116	14,742	17,433	19,515	19,372	18,514	23,513	13,023	8,878	185,613	11,229
	Selayang/Curut	15,920	15,890	32,200	34,348	16,318	16,351	16,784	17,282	21,677	27,130	9,203	4,727	227,830	13,783
	Pisang-Pisang	90	87	71	121	198	182	195	144	453	284	138	69	2,032	123
	Talang	13	64	38	53	84	101	130	70	87	81	71	75	867	52
	Bilis	1,255	2,378	2,918	2,637	3,258	4,381	5,041	7,283	7,430	7,582	3,218	1,092	48,473	2,933
	Parang-Parang	419	550	671	842	880	1,011	1,035	1,010	1,094	1,522	917	597	10,548	638
	Tamban	8,911	16,736	23,092	19,242	12,909	11,625	8,046	10,461	14,952	13,997	8,345	4,477	152,793	9,244
	Terubok	205	—	—	—	—	—	—	—	—	—	—	—	205	12
36	Bulan-Bulan	17	33	18	17	18	30	44	49	35	33	5	46	345	21
	Aya/Kayu/Tongkol	7,579	9,415	11,701	10,196	10,900	9,968	14,857	10,199	11,667	11,016	3,724	2,465	113,687	6,878
37	Layaran/Mersuji	307	532	403	906	840	1,615	970	1,101	1,250	1,068	377	402	9,771	591
	Kembong/Temenong	24,834	33,699	34,967	33,891	18,824	19,630	19,746	21,976	33,986	37,820	12,314	9,733	301,420	18,235
38	Tenggiri	6,329	5,896	4,146	4,282	2,261	3,830	4,243	2,764	3,454	4,488	5,597	2,740	50,030	3,027
	Timah/Layor/Selayor	288	511	500	638	848	451	601	484	412	396	473	628	6,230	377
39	Pari	1,384	1,299	1,039	897	888	969	823	939	864	858	644	384	10,988	665
	Yu	304	473	514	575	732	664	695	646	728	852	534	292	7,009	424
42	Ikan Baja	50,638	34,573	31,447	35,926	43,529	36,253	36,966	39,981	33,963	39,960	30,631	31,502	445,369	26,943
	Ikan Campur	5,780	4,146	5,470	7,496	7,461	8,215	8,481	7,903	5,596	5,861	2,530	2,671	71,610	4,333
45	Jebong	222	265	288	224	451	675	395	368	253	104	148	191	3,584	217
	Ketam	486	280	337	495	448	477	1,575	1,930	1,380	1,290	838	329	9,865	597
56	Udang Besar	1,325	2,414	339	443	170	365	369	202	145	657	753	2,714	9,896	599
	Udang Sedang	3,660	4,581	1,660	1,035	612	472	564	501	551	1,090	2,589	2,659	19,974	1,208
57	Udang Kecil	7,327	4,448	3,559	1,249	798	1,208	1,485	1,368	1,553	3,312	3,160	2,485	31,952	1,933
	Udang Baring	900	1,802	1,827	1,045	—	—	—	944	3,886	2,395	2,860	—	15,659	947
76	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Sotong Kereta	11	10	7	5	5	8	12	14	10	5	—	—	87	5
	Sotong Katak	914	1,709	1,322	923	1,224	1,161	1,162	727	772	652	805	683	12,054	729
76	Sotong Biasa	632	1,180	7,509	11,551	3,226	3,360	3,735	5,254	3,554	4,750	563	333	45,647	2,762
	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah Pikul (Piculs)	177,248	183,697	232,607	243,105	187,467	187,712	194,863	201,354	212,021	236,778	131,353	102,151	2,290,356	—
	(Total) M. Ton (M. Tonnes)	10,723	11,113	14,072	14,707	11,341	11,356	11,789	12,181	12,826	14,324	7,946	6,180	—	138,558

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.13

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	7,590	2,342	211	7,889	—	404	130	—	1,586	—	—	—	—	20,152	1,219
	Puput/Beliat Mata/Tirok	8,857	277	—	72	—	507	—	—	—	—	—	—	—	9,713	588
25	Siakap	100	—	—	4,480	—	71	289	92	27	—	—	—	—	5,059	306
31	Lidah	44,110	—	465	1,513	—	—	—	—	14	10	—	—	4	46,116	2,790
	Sebelah	5,253	—	—	970	—	32	20	—	47	—	—	—	—	6,322	382
33	Bayan	416	—	—	—	—	—	613	116	—	—	—	—	—	1,145	69
	Biji Nangka	27,275	—	236	155	—	—	258	1,248	—	—	—	—	—	29,172	1,765
	Daun Baharu	3,414	—	—	409	—	114	429	401	76	—	—	—	—	4,843	293
	Delah	654	—	—	—	—	14	1,713	303	—	—	—	—	—	2,684	162
	Duri/Pulutan/Utik	25,967	4,784	856	7,512	15	344	1,380	19,405	215	1,840	—	—	615	62,933	3,807
	Dengkis/Debam	4,625	—	—	—	—	284	1,060	13	504	—	—	—	—	6,486	392
	Gelama/Tengkerong	89,612	14,293	2,796	15,858	164	413	39	857	2,456	795	286	—	185	127,754	7,729
	Gerut-Gerut	16,243	—	46	409	—	56	2,117	6,945	5	—	129	—	—	25,950	1,570
	Jenahak	3,626	—	41	155	14	7	13,155	10,237	—	—	—	—	320	27,555	1,667
	Kaci	3,345	—	6	35	—	122	8,190	2,519	19	—	—	—	245	14,481	876
	Kerapu	20,971	—	—	45	52	120	28,698	23,353	11	—	—	—	—	73,250	4,431
	Kerisi	148,321	5	136	726	301	—	5,617	12,235	—	—	—	—	—	167,341	10,123
	Kerisi Bali	347	—	—	—	—	—	785	6,896	—	—	—	—	—	8,028	486
	Kikek	12,626	1,848	108	1,450	140	714	21	269	756	—	—	—	—	17,932	1,085
	Malong	26,743	—	636	1,472	—	29	100	7,452	—	5	—	—	480	36,917	2,233
	Merah	23,571	—	—	—	—	133	40,398	15,746	—	—	—	—	—	79,848	4,830
	Mengkerong/Conor/ Ubi-Ubi	35,573	82	—	—	—	—	388	165	26	—	—	—	—	36,234	2,192
	Remong/Kunyit Kunyit	3,174	—	—	18	—	213	1,904	1,589	50	—	—	—	—	6,948	420
	Semilang	4,014	—	105	833	—	93	1	2,393	—	3,082	—	—	—	10,521	636
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	16,441	—	—	105	—	69	125	390	59	—	—	—	—	17,189	1,040
	Pasir-Pasir	7,287	—	—	—	—	—	—	—	—	—	—	—	—	7,287	441
34	Alu-Alu/Kacang kacang	22,551	2,156	9	2,241	—	314	46	2,358	357	2	—	—	—	30,034	1,817
	Aruan Tasik	2,159	700	—	520	5	—	544	4,715	—	—	—	—	—	8,643	523
	Bawal	29,923	14,455	837	28,234	6,143	132	27	—	4	—	—	—	—	79,755	4,825
	Belanak/Kedera	3,019	7,428	770	13,567	650	890	30	—	743	1,365	17	—	—	28,479	1,723
	Cermin/Sagai/Cupak	8,412	1,823	12	1,517	58	102	4,345	1,885	23	1,075	—	—	—	19,252	1,165
	Cencaru	29,745	141,563	—	14,258	3,882	517	34	9,151	—	—	—	—	—	199,150	12,048
	Demudok/Rambai	11,022	2,176	24	2,370	439	—	4,258	3,176	—	—	—	—	—	23,465	1,420
	Kurau/Senangin/ Senohong	2,591	117	25	9,185	70	195	403	3,497	—	35	—	—	—	16,118	975

ISCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	21,941	113,974	116	7,035	30,688	453	178	16,352	—	—	—	—	—	190,737	11,539
	Selar Kuning/Lolong	51,355	111,274	136	6,344	52,090	923	—	1,223	—	—	—	—	—	223,345	13,511
	Selayang/Curut	7,636	293,814	—	2,381	31,846	—	28	1,211	—	—	—	—	—	336,916	20,382
	Pisang-Pisang	1,384	6,199	—	56	115	—	—	215	—	—	—	—	—	7,969	482
	Talang	841	—	—	896	—	109	—	1,544	72	—	—	—	—	3,462	209
	Bilis	16,360	584,546	652	10	—	13,205	—	—	189	—	—	—	—	614,962	37,203
	Parang-Parang	27,932	44	147	34,034	124	523	—	500	135	—	—	—	—	63,439	3,838
	Tamban	31,912	170,852	139	5,240	21,063	3,516	—	384	143	—	—	—	—	233,249	14,111
	Terubok	—	200	—	205	5	—	—	—	—	—	—	—	—	410	25
36	Bulan-Bulan	142	16	—	—	—	—	74	113	—	—	—	—	—	345	21
	Aya/Kayu/Tongkol	430	60,720	—	31,942	2,672	—	173	51,206	—	—	—	—	—	147,143	8,902
	Layaran/Mersuji	817	4,182	—	580	—	—	—	4,923	—	—	—	—	—	10,502	635
37	Kembong/Temenong	89,743	715,470	—	39,676	13,548	1,589	—	5,951	—	—	—	—	—	865,977	52,388
	Tenggiri	14,436	3,764	16	84,622	266	104	277	35,399	6	—	—	—	—	138,890	8,402
38	Timah/Layor/Selayor	25,710	462	70	2,454	—	126	—	587	611	—	—	—	—	30,020	1,816
	Pari	41,160	—	75	820	51	701	1,218	10,705	8,633	610	—	—	—	63,973	3,870
	Yu	25,431	246	8	2,179	61	39	145	5,870	213	—	—	—	—	34,192	2,068
39	Ikan Baja	2,277,014	25,855	72,650	21,673	—	14,027	247	—	72,993	1,157	1,390	—	—	2,487,006	150,454
	Ikan Campur	73,639	23,771	2,485	56,280	4,796	6,994	7,313	10,979	8,097	1,610	289	—	202	196,455	11,885
	Jebong	1,921	—	—	1,573	—	—	4,649	57	—	—	—	—	—	8,200	496
42	Ketam	40,262	—	3,186	10,097	—	468	26	—	2,151	991	118	—	6,355	63,654	3,851
45	Udang Besar	62,045	—	5,074	34,200	—	175	18	—	13,050	432	473	—	176	115,643	6,997
	Udang Sedang	222,465	—	66,765	35,804	—	690	30	—	49,702	98	3,863	—	43	379,460	22,956
	Udang Kecil	342,947	157	99,843	15,512	—	3,096	150	—	33,818	351	7,835	—	14	503,723	30,473
	Udang Baring	—	—	5,574	—	—	25,435	—	—	88,459	—	11,074	—	—	130,542	7,897
56	Kerang	28	—	—	—	—	—	—	—	—	—	—	1,048,175	—	1,048,203	63,412
	Siput/Kepah	6	—	—	—	—	—	—	—	—	—	—	19,592	—	19,598	1,186
57	Sotong Kereta	6,357	—	—	—	—	—	—	—	—	—	—	—	—	6,357	385
	Sotong Katak	65,402	38	222	86	—	243	5,204	200	387	—	—	—	—	71,782	4,343
	Sotong Biasa	169,147	1,898	652	66	—	3,314	570	2,026	71	—	50	—	6,350	184,144	11,140
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)		4,268,040	2,311,531	265,129	509,763	169,258	81,619	137,417	286,851	285,708	13,458	25,524	1,067,767	14,989	9,437,054	—
(Total) M. Ton (M. Tonnes)		258,200	139,839	16,039	30,839	10,239	4,938	8,313	17,353	17,284	814	1,544	64,596	907	—	570,905

SEMENANJUNG MALAYSIA PANTAI BARAT (PENINSULAR MALAYSIA WEST COAST)

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979

(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.14

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	5,799	2,342	211	7,594	—	20	—	—	—	—	—	—	—	15,966	966
	Puput/Beliat Mata/Tirok	8,434	277	—	72	—	507	—	—	—	—	—	—	—	9,290	562
25	Siakap	100	—	—	4,474	—	62	210	92	—	—	—	—	—	4,938	299
31	Lidah	42,966	—	465	1,511	—	—	—	—	7	10	—	—	4	44,963	2,720
	Sebelah	3,143	—	—	964	—	—	—	—	—	—	—	—	—	4,107	248
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	9,670	—	90	85	—	—	—	—	—	—	—	—	—	9,845	596
	Daun Baharu	1,204	—	—	41	—	—	137	—	—	—	—	—	—	1,382	84
	Delah	153	—	—	—	—	—	209	—	—	—	—	—	—	362	22
	Duri/Pulutan/Utik	20,213	—	854	4,789	15	172	1,304	17,469	50	1,840	—	—	615	47,321	2,863
	Dengkis/Debam	—	—	—	—	—	50	—	—	300	—	—	—	—	350	21
	Gelama/Tengkerong	73,779	11,236	2,279	11,829	—	148	3	493	62	795	286	—	185	101,095	6,116
	Gerut-Gerut	14,399	—	—	184	—	5	973	6,553	5	—	129	—	—	22,248	1,346
	Jenahak	3,317	—	41	152	—	7	12,549	9,821	—	—	—	—	320	26,207	1,585
	Kaci	2,151	—	—	—	—	—	6,429	1,868	—	—	—	—	245	10,693	647
	Kerapu	18,202	—	—	45	—	—	21,889	17,788	—	—	—	—	—	57,924	3,504
	Kerisi	87,905	—	—	—	—	—	1,828	2,456	—	—	—	—	—	92,189	5,577
	Kerisi Bali	347	—	—	—	—	—	785	6,896	—	—	—	—	—	8,028	486
	Kikek	5,442	107	39	3	—	—	18	20	—	—	—	—	—	5,629	341
	Malong	26,375	—	527	1,112	—	29	—	7,447	—	5	—	—	480	35,975	2,176
	Merah	19,973	—	—	—	—	20	16,567	15,285	—	—	—	—	—	51,845	3,136
	Mengkerong/Conor/ Ubi-Ubi	33,325	—	—	—	—	—	—	14	—	—	—	—	—	33,339	2,017
	Remong/Kunyit Kunyit	1,391	—	—	—	—	—	—	—	—	—	—	—	—	1,391	84
	Semilang	4,009	—	105	833	—	91	1	2,393	—	3,082	—	—	—	10,514	636
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	1,109	—	—	69	—	—	—	212	—	—	—	—	—	1,390	84
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	18,885	9	9	18	—	65	—	152	—	2	—	—	—	19,140	1,158
	Aruan Tasik	1,406	—	—	85	—	—	153	165	—	—	—	—	—	1,809	110
	Bawai	28,495	9,292	11	25,677	579	132	27	—	4	—	—	—	—	64,217	3,885
	Belanak/Kedera	2,935	7,428	652	12,014	—	—	—	—	—	1,365	—	—	—	24,394	1,476
	Cermin/Sagai/Cupak	3,058	29	—	1,067	25	42	675	—	—	1,075	—	—	—	5,971	361
	Cencaru	29,337	115,200	—	5,311	15	517	—	2,431	—	—	—	—	—	152,811	9,245
	Demudok/Rambai	10,461	—	—	1,448	—	—	—	707	—	—	—	—	—	12,616	763
	Kurau/Senangin/ Senohong	2,475	17	9	8,965	—	193	403	3,451	—	35	—	—	—	15,548	941

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	21,089	34,816	—	814	—	304	—	155	—	—	—	—	—	57,178	3,459
	Selar Kuning/Loiong	19,730	17,439	—	441	—	65	—	57	—	—	—	—	—	37,732	2,282
	Selayang/Curut	7,577	101,509	—	—	—	—	—	—	—	—	—	—	—	109,086	6,599
	Pisang-Pisang	103	5,834	—	—	—	—	—	—	—	—	—	—	—	5,937	359
	Talang	841	—	—	388	—	89	—	1,277	—	—	—	—	—	2,595	157
	Bilis	15,239	544,028	—	10	—	7,212	—	—	—	—	—	—	—	566,489	34,270
	Parang-Parang	26,672	11	—	25,643	40	519	—	6	—	—	—	—	—	52,891	3,200
	Tamban	31,667	46,767	—	599	—	1,423	—	—	—	—	—	—	—	80,456	4,867
	Terubok	—	—	—	205	—	—	—	—	—	—	—	—	—	205	13
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	430	28,720	—	4,133	—	—	173	—	—	—	—	—	—	33,456	2,024
	Layaran/Mersuji	731	—	—	—	—	—	—	—	—	—	—	—	—	731	44
37	Kembong/Temenong	89,186	467,808	—	5,831	—	1,589	—	143	—	—	—	—	—	564,557	34,153
	Tenggiri	13,055	3,401	—	71,760	60	104	277	203	—	—	—	—	—	88,860	5,375
38	Timah/Layor/Selayor	22,935	193	—	588	—	74	—	—	—	—	—	—	—	23,790	1,439
	Pari	31,642	—	59	694	33	686	1,170	9,611	8,480	610	—	—	—	52,985	3,205
39	Yu	21,432	16	8	513	61	—	114	5,039	—	—	—	—	—	27,183	1,644
	Ikan Baja	1,842,554	24,012	72,572	21,673	—	13,924	247	—	64,108	1,157	1,390	—	—	2,041,637	123,511
42	Ikan Campur	51,619	2,301	2,280	44,145	32	6,415	3,071	6,316	6,565	1,610	289	—	202	124,845	7,552
	Jebong	1,149	—	—	1,573	—	—	1,874	20	—	—	—	—	—	4,616	279
45	Ketam	31,993	—	3,186	9,516	—	235	—	—	1,395	991	118	—	6,355	53,789	3,254
	Udang Besar	55,054	—	5,074	33,097	—	156	15	—	11,270	432	473	—	176	105,747	6,398
56	Udang Sedang	203,989	—	66,765	34,809	—	685	30	—	49,204	98	3,863	—	43	359,486	21,748
	Udang Kecil	317,504	157	99,843	14,184	—	2,799	150	—	28,934	351	7,835	—	14	471,771	28,540
57	Udang Baring	—	—	—	—	—	25,435	—	—	78,374	—	11,074	—	—	114,883	6,950
	Kerang	28	—	—	—	—	—	—	—	—	—	—	1,048,175	—	1,048,203	63,412
57	Siput/Kepah	6	—	—	—	—	—	—	—	—	—	—	19,592	—	19,598	1,186
	Sotong Kereta	6,270	—	—	—	—	—	—	—	—	—	—	—	—	6,270	380
76	Sotong Katak	56,677	—	222	34	—	214	2,425	—	156	—	—	—	—	59,728	3,614
	Sotong Biasa	134,246	4	640	66	—	2,865	555	—	71	—	50	—	—	138,497	8,378
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah	3,483,876	1,422,953	255,941	359,058	860	66,853	74,261	118,540	248,985	13,458	25,507	1,067,767	8,639	7,146,698	—
	(Total)	210,761	86,083	15,483	21,722	52	4,045	4,492	7,171	15,062	814	1,543	64,596	523	—	432,347
	M. Ton (M. Tonnes)															

SEMENANJUNG MALAYSIA – PANTAI TIMUR (PENINSULAR MALAYSIA – EAST COAST)

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979

(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.15

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	1,791	—	—	295	—	384	130	—	1,586	—	—	—	—	4,186	253
	Puput/Beliat Mata/Tirok	423	—	—	—	—	—	—	—	—	—	—	—	—	423	26
25	Siakap	—	—	—	6	—	9	79	—	27	—	—	—	—	121	7
31	Lidah	1,144	—	—	2	—	—	—	—	7	—	—	—	—	1,153	70
	Sebelah	2,110	—	—	6	—	32	20	—	47	—	—	—	—	2,215	134
33	Bayan	416	—	—	—	—	—	613	116	—	—	—	—	—	1,145	69
	Biji Nangka	17,605	—	146	70	—	—	258	1,248	—	—	—	—	—	19,327	1,169
	Daun Baharu	2,210	—	—	368	—	114	292	401	76	—	—	—	—	3,461	209
	Delah	501	—	—	—	—	14	1,504	303	—	—	—	—	—	2,322	140
	Duri/Pulutan/Utik	5,754	4,784	2	2,723	—	172	76	1,936	165	—	—	—	—	15,612	944
	Dengkis/Debam	4,625	—	—	—	—	234	1,060	13	204	—	—	—	—	6,136	371
	Gelama/Tengkerong	15,833	3,057	517	4,029	164	265	36	364	2,394	—	—	—	—	26,659	1,613
	Gerut-Gerut	1,844	—	46	225	—	51	1,144	392	—	—	—	—	—	3,702	224
	Jenahak	309	—	—	3	14	—	606	416	—	—	—	—	—	1,348	82
	Kaci	1,194	—	6	35	—	122	1,761	651	19	—	—	—	—	3,788	229
	Kerapu	2,769	—	—	—	52	120	6,809	5,565	11	—	—	—	—	15,326	927
	Kerisi	60,416	5	136	726	301	—	3,789	9,779	—	—	—	—	—	75,152	4,546
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	7,184	1,741	69	1,447	140	714	3	249	756	—	—	—	—	12,303	744
	Malong	368	—	109	360	—	—	100	5	—	—	—	—	—	942	57
	Merah	3,598	—	—	—	—	113	23,831	461	—	—	—	—	—	28,003	1,694
	Mengkerong/Conor/ Ubi-Ubi	2,248	82	—	—	—	—	388	151	26	—	—	—	—	2,895	175
	Remong/Kunyit Kunyit	1,783	—	—	18	—	213	1,904	1,589	50	—	—	—	—	5,557	336
	Semilang	5	—	—	—	—	2	—	—	—	—	—	—	—	7	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	15,332	—	—	36	—	69	125	178	59	—	—	—	—	15,799	956
	Pasir-Pasir	7,287	—	—	—	—	—	—	—	—	—	—	—	—	7,287	441
34	Alu-Alu/Kacang kacang	3,666	2,147	—	2,223	—	249	46	2,206	357	—	—	—	—	10,894	659
	Aruan Tasik	753	700	—	435	5	—	391	4,550	—	—	—	—	—	6,834	413
	Bawal	1,428	5,163	826	2,557	5,564	—	—	—	—	—	—	—	—	15,538	940
	Belanak/Kedera	84	—	118	1,553	650	890	30	—	743	—	17	—	—	4,085	247
	Cermin/Sagai/Cupak	5,354	1,794	12	450	33	60	3,670	1,885	23	—	—	—	—	13,281	804
	Cencaru	408	26,363	—	8,947	3,867	—	34	6,720	—	—	—	—	—	46,339	2,803
	Demudok/Rambai	561	2,176	24	922	439	—	4,258	2,469	—	—	—	—	—	10,849	657
	Kurau/Senangin/ Senohong	116	100	16	220	70	2	—	46	—	—	—	—	—	570	34

Sambungan (Continued)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	852	79,158	116	6,221	30,688	149	178	16,197	—	—	—	—	—	133,559	8,080
	Selar Kuning/Lolong	31,625	93,835	136	5,903	52,090	858	—	1,166	—	—	—	—	—	185,613	11,229
	Selayang/Curut	59	192,305	—	2,381	31,846	—	28	1,211	—	—	—	—	—	227,830	13,783
	Pisang-Pisang	1,281	365	—	56	115	—	—	215	—	—	—	—	—	2,032	123
	Talang	—	—	—	508	—	20	—	267	72	—	—	—	—	867	52
	Bilis	1,121	40,518	652	—	—	5,993	—	—	189	—	—	—	—	48,473	2,933
	Parang-Parang	1,260	33	147	8,391	84	4	—	494	135	—	—	—	—	10,548	638
	Tamban	245	124,085	139	4,641	21,063	2,093	—	384	143	—	—	—	—	152,793	9,244
	Terubok	—	200	—	—	5	—	—	—	—	—	—	—	—	205	12
36	Bulan-Bulan	142	16	—	—	—	—	74	113	—	—	—	—	—	345	21
	Aya/Kayu/Tongkol	—	32,000	—	27,809	2,672	—	—	51,206	—	—	—	—	—	113,687	6,878
	Layaran/Mersuji	86	4,182	—	580	—	—	—	4,923	—	—	—	—	—	9,771	591
37	Kembong/Temenong	557	247,662	—	33,845	13,548	—	—	5,808	—	—	—	—	—	301,420	18,235
	Tenggiri	1,381	363	16	12,862	206	—	—	35,196	6	—	—	—	—	50,030	3,027
38	Timah/Layor/Selayor	2,775	269	70	1,866	—	52	—	587	611	—	—	—	—	6,230	377
	Pari	9,518	—	16	126	18	15	48	1,094	153	—	—	—	—	10,988	665
	Yu	3,999	230	—	1,666	—	39	31	831	213	—	—	—	—	7,009	424
39	Ikan Baja	434,460	1,843	78	—	—	103	—	—	8,885	—	—	—	—	445,369	26,943
	Ikan Campur	22,020	21,470	205	12,135	4,764	579	4,242	4,663	1,532	—	—	—	—	71,610	4,333
	Jebong	772	—	—	—	—	—	2,775	37	—	—	—	—	—	3,584	217
42	Ketam	8,269	—	—	581	—	233	26	—	756	—	—	—	—	9,865	597
	Udang Besar	6,991	—	—	1,103	—	19	3	—	1,780	—	—	—	—	9,896	599
45	Udang Sedang	18,476	—	—	995	—	5	—	—	498	—	—	—	—	19,974	1,208
	Udang Kecil	25,443	—	—	1,328	—	297	—	—	4,884	—	—	—	—	31,952	1,933
	Udang Baring	—	—	5,574	—	—	—	—	—	10,085	—	—	—	—	15,659	947
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	87	—	—	—	—	—	—	—	—	—	—	—	—	87	5
	Sotong Katak	8,725	38	—	52	—	29	2,779	200	231	—	—	—	—	12,054	729
	Sotong Biasa	34,901	1,894	12	—	—	449	15	2,026	—	—	—	—	6,350	45,647	2,762
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah	784,164	888,578	9,188	150,705	168,398	14,766	63,156	168,311	36,723	—	17	—	6,350	2,290,356	—
	(Total)	47,439	53,756	556	9,117	10,187	893	3,821	10,182	2,222	—	1	—	384	—	138,568
	M. Ton (M. Tonnes)															

PERLIS
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (a)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	40	—	—	928	—	—	—	—	—	—	—	—	—	968	59
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	1,883	—	—	—	—	—	—	—	—	—	—	—	—	1,883	114
	Sebelah	195	—	—	—	—	—	—	—	—	—	—	—	—	195	12
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—	—	—	—	510	—	—	—	510	31
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	2,569	720	—	—	—	—	—	—	—	—	—	—	—	3,289	199
	Gerut-Gerut	147	—	—	—	—	—	—	466	—	—	—	—	—	613	37
	Jenahak	—	—	—	—	—	—	—	205	—	—	—	—	—	205	12
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	315	—	—	—	—	—	—	269	—	—	—	—	—	584	35
	Kerisi	663	—	—	—	—	—	—	—	—	—	—	—	—	663	40
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Merah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mengkerong/Conor/ Ubi-Ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—	—	—	—	333	—	—	—	333	20
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	195	—	—	—	—	—	—	—	—	—	—	—	—	195	12
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	—	—	—	—	—	—	—	117	—	—	—	—	—	117	7
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	—	270	—	35	—	—	—	—	—	—	—	—	—	305	18
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cencaru	—	12,175	—	—	—	430	—	—	—	—	—	—	—	12,605	763
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/ Senohong	—	—	—	611	—	—	—	—	—	—	—	—	—	611	37

Sambungan (Continued)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	—	11,640	—	—	—	—	—	—	—	—	—	—	—	11,640	704
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	26,452	—	—	—	—	—	—	—	—	—	—	—	26,452	1,600
	Pisang-Pisang	—	4,980	—	—	—	—	—	—	—	—	—	—	—	4,980	301
	Talang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-Parang	2,198	—	—	801	—	151	—	—	—	—	—	—	—	3,150	191
36	Tamban	—	6,850	—	—	—	70	—	—	—	—	—	—	—	6,920	419
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aya/Kayu/Tongkol	—	3,985	—	—	—	—	—	—	—	—	—	—	—	3,985	241
37	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kembong/Temenong	—	42,440	—	917	—	1,395	—	—	—	—	—	—	—	44,752	2,707
	Tenggiri	—	—	—	738	—	—	—	—	—	—	—	—	—	738	45
38	Timah/Layor/Selayor	670	—	—	—	—	—	—	—	—	—	—	—	—	670	41
	Pari	316	—	—	—	—	—	—	400	—	—	—	—	—	716	43
	Yu	—	—	—	20	—	—	—	332	—	—	—	—	—	352	21
39	Ikan Baja	118,910	—	170	—	—	2,205	—	—	—	—	—	—	—	121,285	7,337
	Ikan Campur	2,223	1,095	—	214	—	151	—	66	—	—	—	—	—	3,749	227
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	1,108	—	110	—	—	—	—	—	—	—	—	—	966	2,184	132
45	Udang Besar	5,951	—	—	188	—	—	—	—	—	—	—	—	—	6,139	371
	Udang Sedang	13,256	—	633	2,405	—	—	—	—	—	—	—	—	—	16,294	986
	Udang Kecil	17,181	—	—	—	—	—	—	—	—	—	—	—	—	17,181	1,039
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	3,966	—	—	—	—	—	—	—	—	—	—	—	—	3,966	240
	Sotong Biasa	1,882	—	—	—	—	639	—	—	—	—	—	—	—	2,521	153
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)		173,668	110,607	913	6,857	—	5,041	—	1,855	—	843	—	—	966	300,750	—
(Total) M. Ton (M. Tonnes)		10,506	6,691	55	415	—	305	—	112	—	51	—	—	59	—	18,194

KEDAH
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (b)

ISSCAAP GROUP NO	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	3,108	151	—	1,131	—	—	—	—	—	—	—	—	—	4,390	266
	Puput/Beliat Mata/Tirol	1,350	—	—	—	—	—	—	—	—	—	—	—	—	1,350	82
25	Siakap	44	—	—	11	—	—	—	—	—	—	—	—	—	55	3
31	Lidah	11,056	—	—	—	—	—	—	—	—	—	—	—	—	11,056	669
	Sebelah	959	—	—	—	—	—	—	—	—	—	—	—	—	959	58
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	228	—	—	—	—	—	—	—	—	—	—	—	—	228	14
	Daun Baharu	358	—	—	—	—	—	137	—	—	—	—	—	—	495	30
	Delah	—	—	—	—	—	—	209	—	—	—	—	—	—	209	13
	Duri/Pulutan/Utik	2,575	—	—	294	—	—	7	472	—	219	—	—	—	3,567	216
	Dangkis/Debam	—	—	—	—	—	50	—	—	300	—	—	—	—	350	21
	Gelama/Tengkerong	17,583	5,170	—	550	—	—	—	128	—	—	—	—	—	23,431	1,418
	Gerut-Gerut	1,117	—	—	—	—	—	25	64	—	—	—	—	—	1,206	73
	Jenahak	530	—	—	—	—	—	114	502	—	—	—	—	—	1,146	69
	Kaci	37	—	—	—	—	—	—	—	—	—	—	—	—	37	2
	Kerapu	2,922	—	—	—	—	—	259	441	—	—	—	—	—	3,622	219
	Kerisi	22,128	—	—	—	—	—	2	137	—	—	—	—	—	22,267	1,347
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	401	—	—	—	—	—	—	—	—	—	—	—	—	401	24
	Malong	3,063	—	—	44	—	—	—	—	—	—	—	—	—	3,107	188
	Merah	204	—	—	—	—	—	—	—	—	—	—	—	—	204	12
	Mengkerong/Conor/ Ubi-Ubi	9,925	—	—	—	—	—	—	—	—	—	—	—	—	9,925	600
	Remong/Kunyit Kunyit	29	—	—	—	—	—	—	—	—	—	—	—	—	29	2
	Semilang	1,840	—	—	—	—	—	—	270	—	610	—	—	—	2,720	165
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	602	—	—	—	—	—	—	212	—	—	—	—	—	814	49
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	4,501	—	—	—	—	52	—	15	—	—	—	—	—	4,568	276
	Aruan Tasik	100	—	—	—	—	—	—	—	—	—	—	—	—	100	6
	Bawal	6,855	450	—	543	386	18	—	—	—	—	—	—	—	8,252	499
	Belanak/Kedera	933	—	—	60	—	—	—	—	—	—	—	—	—	993	60
	Cermin/Sagai/Cupak	250	—	—	—	—	—	—	—	—	—	—	—	—	250	15
	Cencaru	6,308	15,370	—	53	—	87	—	—	—	—	—	—	—	21,818	1,320
	Demudok/Rambai	1,963	—	—	90	—	—	—	—	—	—	—	—	—	2,053	124
	Kurau/Senangin/ Senohong	200	—	—	397	—	—	—	—	—	—	—	—	—	597	36

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

Sambungan (Continued)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	7,756	215	—	5	—	—	—	—	—	—	—	—	—	7,976	483
	Selar Kuning/Lolong	3,604	—	—	—	—	—	—	—	—	—	—	—	—	3,604	218
	Selayang/Curut	144	—	—	—	—	—	—	—	—	—	—	—	—	144	9
	Pisang-Pisang	3	854	—	—	—	—	—	—	—	—	—	—	—	857	52
	Talang	809	—	—	60	—	89	—	—	—	—	—	—	—	958	58
	Bilis	803	476,966	—	10	—	—	—	—	—	—	—	—	—	477,779	28,904
	Parang-Parang	7,375	—	—	1,311	—	357	—	—	—	—	—	—	—	9,043	547
	Tamban	26,607	2,441	—	95	—	320	—	—	—	—	—	—	—	29,463	1,782
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aya/Kayu/Tongkol	265	8,148	—	619	—	—	—	—	—	—	—	—	—	9,032	546
37	Layaran/Mersuji	24	—	—	—	—	—	—	—	—	—	—	—	—	24	2
	Kembong/Temenong	58,829	17,235	—	2,254	—	194	—	—	—	—	—	—	—	78,512	4,750
	Tenggiri	4,643	235	—	566	—	104	—	203	—	—	—	—	—	5,751	348
38	Timah/Layor/Selayor	6,355	—	—	—	—	30	—	—	—	—	—	—	—	6,385	386
	Pari	3,261	—	—	29	—	—	—	188	—	—	—	—	—	3,478	210
	Yu	1,024	—	—	52	—	—	—	55	—	—	—	—	—	1,131	68
39	Ikan Baja	489,577	—	1,570	—	—	3,505	35	—	2,189	—	—	—	—	496,876	30,059
	Ikan Campur	7,993	656	681	869	32	236	1,010	199	7	48	—	—	—	11,731	710
	Jebong	13	—	—	—	—	—	896	20	—	—	—	—	—	929	56
42	Ketam	6,922	—	—	—	—	—	—	—	—	—	—	—	700	7,622	461
45	Udang Besar	5,508	—	66	284	—	34	—	—	175	—	—	—	—	6,067	367
	Udang Sedang	12,545	—	369	984	—	138	—	—	575	—	—	—	—	14,611	884
	Udang Kecil	36,975	—	1,507	7,424	—	573	—	—	2,483	—	—	—	—	48,962	2,962
56	Udang Baring	—	—	—	—	—	—	—	—	—	—	45	—	—	45	3
	Kerang	28	—	—	—	—	—	—	—	—	—	—	240	—	268	16
	Siput/Kepah	6	—	—	—	—	—	—	—	—	—	—	—	—	6	—
57	Sotong Kereta	4,108	—	—	—	—	—	—	—	—	—	—	—	—	4,108	249
	Sotong Katak	14,136	—	—	2	—	214	—	—	—	—	—	—	—	14,352	868
	Sotong Biasa	52,920	—	—	—	—	2,044	—	—	—	—	—	—	—	54,964	3,325
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total)		853,402	527,891	4,193	17,737	418	8,045	2,694	2,906	5,729	877	45	240	700	1,424,877	—
M. Ton (M. Tonnes)		51,627	31,935	254	1,073	25	487	163	176	347	53	3	14	42	—	86,199

PULAU PINANG (PENANG)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (c)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	217	1,736	—	1,153	—	—	—	—	—	—	—	—	—	3,106	188
25	Puput/Beliat Mata/Tirok	43	277	—	—	—	—	—	—	—	—	—	—	—	320	19
31	Siakap	2	—	—	—	—	—	—	—	—	—	—	—	—	2	—
33	Lidah	910	—	—	28	—	—	—	—	7	—	—	—	4	949	57
	Sebelah	37	—	—	—	—	—	—	—	—	—	—	—	—	37	2
	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	738	—	—	—	—	—	—	—	—	—	—	—	—	738	45
	Daun Baharu	8	—	—	—	—	—	—	—	—	—	—	—	—	8	—
	Delah	21	—	—	—	—	—	—	—	—	—	—	—	—	21	1
	Duri/Pulutan/Utik	922	—	123	185	—	—	5	319	29	—	—	—	10	1,593	96
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	5,991	5,346	1,452	134	—	—	3	78	26	—	—	—	—	13,030	788
	Gerut-Gerut	345	—	—	—	—	—	11	351	5	—	—	—	—	712	43
	Jenahak	70	—	41	—	—	—	391	268	—	—	—	—	—	770	47
	Kaci	—	—	—	—	—	—	2	—	—	—	—	—	—	2	—
	Kerapu	268	—	—	—	—	—	834	433	—	—	—	—	—	1,535	93
	Kerisi	1,647	—	—	—	—	—	536	14	—	—	—	—	—	2,197	133
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	394	107	—	—	—	—	18	—	—	—	—	—	—	519	31
	Malong	728	—	—	—	—	—	—	224	—	—	—	—	—	952	58
	Merah	73	—	—	—	—	—	3,424	—	—	—	—	—	—	3,497	212
	Mengkerong/Conor/ Ubi-Ubi	500	—	—	—	—	—	—	—	—	—	—	—	—	500	30
	Remong/Kunyit Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	63	—	22	389	—	—	1	40	—	—	—	—	—	515	31
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	208	9	9	—	—	—	—	—	—	—	—	—	—	226	14
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	1,461	5,299	11	1,829	—	—	1	—	—	—	—	—	—	8,601	520
	Belanak/Kedera	214	7,048	—	373	—	—	—	—	—	—	—	—	—	7,635	462
	Cermin/Sagai/Cupak	49	29	—	—	—	—	—	—	—	—	—	—	—	78	5
	Cencaru	212	828	—	22	—	—	—	—	—	—	—	—	—	1,062	64
	Demudok/Rambai	58	—	—	—	—	—	—	—	—	—	—	—	—	58	4
	Kurau/Senangin/ Senohong	76	—	4	872	—	—	—	325	—	—	—	—	—	1,277	77

Sambungan (Continued)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	220	12,705	-	-	-	-	-	-	-	-	-	-	-	12,925	782
	Selar Kuning/Lolong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selayang/Curut	30	70,316	-	-	-	-	-	-	-	-	-	-	-	70,346	4,256
	Pisang-Pisang	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-
	Talang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parang-Parang	548	-	-	839	-	-	-	-	-	-	-	-	-	1,387	84
36	Tamban	787	12,639	-	-	-	-	-	-	-	-	-	-	-	13,426	812
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	1	1,623	-	3,057	-	-	-	-	-	-	-	-	-	4,681	283
	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kembong/Temenong	726	57,470	-	230	-	-	-	-	-	-	-	-	-	58,426	3,535
	Tenggiri	350	79	-	7,615	-	-	-	-	-	-	-	-	-	8,044	487
37	Timah/Layor/Selayor	1,254	193	-	298	-	-	-	-	-	-	-	-	-	1,745	106
	Pari	441	-	59	19	-	-	-	282	-	-	-	-	-	801	48
	Yu	448	-	8	21	-	-	-	-	-	-	-	-	-	477	29
38	Ikan Baja	39,777	20,209	14,027	11,551	-	-	-	-	9,219	-	-	-	-	94,783	5,734
	Ikan Campur	2,431	550	521	3,497	-	-	425	-	105	-	-	-	-	7,529	455
	Jebong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Ketam	1,555	-	435	1,859	-	-	-	-	-	-	-	-	345	4,194	254
45	Udang Besar	850	-	197	7,516	-	-	-	-	1,549	-	-	-	-	10,112	612
	Udang Sedang	5,019	-	2,874	8,593	-	-	-	-	2,457	-	-	-	-	18,943	1,146
	Udang Kecil	10,769	157	5,450	1,762	-	-	-	-	4,522	-	-	-	-	22,660	1,371
56	Udang Baring	-	-	-	-	-	-	-	-	213	-	9,785	-	-	9,998	605
	Kerang	-	-	-	-	-	-	-	-	-	-	-	69,004	-	69,004	4,174
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Sotong Kereta	243	-	-	-	-	-	-	-	-	-	-	-	-	243	15
	Sotong Katak	2,179	-	-	-	-	-	-	-	156	-	-	-	-	2,335	141
	Sotong Biesa	6,529	4	-	-	-	-	-	-	71	-	-	-	-	6,604	400
76	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah Pikul (Piculs)		89,415	196,624	25,233	51,842	-	-	5,651	2,334	18,359	-	9,785	69,004	359	468,606	-
(Total) M. Ton (M. Tonnes)		5,409	11,895	1,527	3,136	-	-	342	141	1,111	-	592	4,174	22	-	28,349

PERAK
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (d)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	2,378	455	—	2,897	—	—	—	—	—	—	—	—	—	5,730	347
	Puput/Beliat Mata/Tirok	458	—	—	—	—	—	—	—	—	—	—	—	—	458	28
25	Siakap	4	—	—	—	—	—	—	—	—	—	—	—	—	4	—
31	Lidah	957	—	465	1,451	—	—	—	—	—	—	—	—	—	2,873	174
	Sebelah	1,779	—	—	964	—	—	—	—	—	—	—	—	—	2,743	166
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	4,942	—	—	—	—	—	—	—	—	—	—	—	—	4,942	299
	Daun Baharu	565	—	—	—	—	—	—	—	—	—	—	—	—	565	34
	Delah	132	—	—	—	—	—	—	—	—	—	—	—	—	132	8
	Duri/Pulutan/Utik	5,309	—	—	473	—	11	1,292	8,969	—	30	—	—	—	16,084	973
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	15,004	—	27	9,362	—	—	—	—	—	—	286	—	—	24,679	1,493
	Gerut-Gerut	4,559	—	—	77	—	5	937	3,435	—	—	129	—	—	9,142	553
	Jenahak	1,967	—	—	—	—	7	11,320	4,140	—	—	—	—	—	17,434	1,055
	Kaci	2,114	—	—	—	—	—	6,427	1,868	—	—	—	—	—	10,409	630
	Kerapu	9,505	—	—	—	—	—	19,996	15,589	—	—	—	—	—	45,090	2,728
	Kerisi	54,018	—	—	—	—	—	1,290	2,289	—	—	—	—	—	57,597	3,484
	Kerisi Bali	347	—	—	—	—	—	785	6,896	—	—	—	—	—	8,028	486
	Kikek	4,479	—	—	—	—	—	—	—	—	—	—	—	—	4,479	271
	Malong	2,210	—	527	1,000	—	—	—	278	—	—	—	—	—	4,015	243
	Merah	11,768	—	—	—	—	—	12,486	13,754	—	—	—	—	—	38,008	2,299
	Mengkerong/Conor/ Ubi-Ubi	13,200	—	—	—	—	—	—	14	—	—	—	—	—	13,214	799
	Remong/Kunyit Kunyit	1,362	—	—	—	—	—	—	—	—	—	—	—	—	1,362	82
	Semilang	1,928	—	—	184	—	—	—	1,800	—	57	—	—	—	3,969	240
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	312	—	—	69	—	—	—	—	—	—	—	—	—	381	23
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	11,558	—	—	—	—	—	—	—	—	—	—	—	—	11,558	699
	Aruan Tasik	120	—	—	—	—	—	153	—	—	—	—	—	—	273	16
	Bawal	5,456	943	—	6,692	—	—	26	—	—	—	—	—	—	13,117	794
	Belanak/Kedera	315	380	373	11,020	—	—	—	—	—	—	—	—	—	12,088	731
	Cermin/Sagai/Cupek	—	—	—	617	—	—	675	—	—	—	—	—	—	1,292	78
	Cencaru	4,510	73,277	—	—	—	—	—	—	—	—	—	—	—	77,787	4,706
	Demudok/Rambai	8,435	—	—	738	—	—	—	707	—	—	—	—	—	9,880	598
	Kurau/Senangin/ Senohong	260	17	5	4,496	—	—	12	1,018	—	—	—	—	—	5,808	351

ISCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	P. Lain (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	2,984	10,256	—	755	—	—	—	—	—	—	—	—	—	13,995	847
	Selar Kuning/Lolong	12,739	17,439	—	365	—	—	—	—	—	—	—	—	—	30,543	1,848
	Selayang/Curut	7,403	4,741	—	—	—	—	—	—	—	—	—	—	—	12,144	735
	Pisang-Pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	19	—	—	—	—	—	—	1,003	—	—	—	—	—	1,022	62
	Bitis	—	67,062	—	—	—	6,670	—	—	—	—	—	—	—	73,732	4,460
	Parang-Parang	4,647	11	—	3,080	—	—	—	—	—	—	—	—	—	7,738	468
	Tamban	460	9,422	—	—	—	—	—	—	—	—	—	—	—	9,882	598
	Terubok	—	—	—	205	—	—	—	—	—	—	—	—	—	205	12
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aya/Kayu/Tongkol	15	14,194	—	377	—	—	173	—	—	—	—	—	—	14,759	893
37	Layaran/Mersuji	705	—	—	—	—	—	—	—	—	—	—	—	—	705	43
	Kembong/Temenong	12,417	329,543	—	1,065	—	—	—	—	—	—	—	—	—	343,025	20,752
38	Tenggiri	3,138	3,087	—	36,761	—	—	277	—	—	—	—	—	—	43,263	2,617
	Timah/Layor/Selayor	9,380	—	—	279	—	—	—	—	—	—	—	—	—	9,659	584
	Pari	7,275	—	—	30	—	—	1,170	1,934	—	—	—	—	—	10,409	630
39	Yu	3,426	16	—	161	—	—	114	1,734	—	—	—	—	—	5,451	330
	Ikan Baja	612,802	3,803	53,779	10,122	—	—	52	—	169	—	1,390	—	—	682,117	41,265
	Ikan Campur	14,082	—	—	3,001	—	22	919	5,763	—	—	155	—	—	23,942	1,448
42	Jebong	1,086	—	—	783	—	—	978	—	—	—	—	—	—	2,847	172
	Ketam	4,245	—	2,394	1,281	—	—	—	—	—	—	98	—	3,738	11,756	711
45	Udang Besar	7,835	—	4,513	16,023	—	—	—	—	267	—	446	—	—	29,084	1,759
	Udang Sedang	61,390	—	61,803	18,531	—	23	—	—	826	—	3,763	—	—	146,336	8,853
	Udang Kecil	101,894	—	90,681	2,961	—	1,383	—	—	3,664	—	7,591	—	—	208,174	12,594
56	Udang Baring	—	—	—	—	—	25,062	—	—	22,789	—	878	—	—	48,729	2,948
	Kerang	—	—	—	—	—	—	—	—	—	—	—	914,057	—	914,057	55,297
	Siout/Kepah	—	—	—	—	—	—	—	—	—	—	—	19,592	—	19,592	1,185
57	Sotong Kereta	1,919	—	—	—	—	—	—	—	—	—	—	—	—	1,919	116
	Sotong Katak	19,901	—	222	32	—	—	2,425	—	—	—	—	—	—	22,580	1,366
	Sotong Biasa	42,663	—	583	66	—	—	555	—	—	—	50	—	—	43,917	2,657
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)		1,102,376	534,646	215,372	135,918	—	33,183	62,062	71,191	27,715	87	14,786	933,649	3,738	3,134,723	—
(Total) M. Ton (M. Tonnes)		66,689	32,344	13,029	8,223	—	2,007	3,755	4,307	1,677	5	894	56,482	226	—	189,638

SELANGOR
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (e)

ISCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Miscellaneous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat-Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	15	—	126	154	—	—	—	—	—	—	—	—	—	295	18
	Puput/Beliat Mata/Tirok	3,146	—	—	29	—	—	—	—	—	—	—	—	—	3,175	192
25	Siakap	49	—	—	4,157	—	—	—	28	—	—	—	—	—	4,234	256
31	Lidah	27,861	—	—	32	—	—	—	—	—	—	—	—	—	27,893	1,687
	Sebelah	172	—	—	—	—	—	—	—	—	—	—	—	—	172	10
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	3,080	—	—	85	—	—	—	—	—	—	—	—	—	3,165	191
	Daun Baharu	209	—	—	41	—	—	—	—	—	—	—	—	—	250	15
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	8,799	—	51	212	15	—	—	3,663	—	884	—	—	605	14,229	861
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	24,610	—	48	176	—	—	—	237	—	652	—	—	185	25,908	1,567
	Gerut-Gerut	8,217	—	—	107	—	—	—	2,237	—	—	—	—	—	10,561	639
	Jenahak	686	—	—	—	—	—	—	1,321	—	—	—	—	320	2,327	141
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	245	245	15
	Kerapu	5,164	—	—	28	—	—	—	75	—	—	—	—	—	5,267	319
	Kerisi	8,641	—	—	—	—	—	—	16	—	—	—	—	—	8,657	524
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	168	—	—	—	—	—	—	—	—	—	—	—	—	168	10
	Malong	16,618	—	—	68	—	—	—	3,552	—	—	—	—	480	20,718	1,253
	Merah	7,784	—	—	—	—	—	—	48	—	—	—	—	—	7,832	474
	Mengkerong/Conor/ Ubi-Ubi	9,291	—	—	—	—	—	—	—	—	—	—	—	—	9,291	562
	Remong/Kunyit Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	177	—	55	80	—	—	—	88	—	1,046	—	—	—	1,446	88
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	2,448	—	—	—	—	—	—	—	—	—	—	—	—	2,448	148
	Aruan Tasik	1,164	—	—	—	—	—	—	74	—	—	—	—	—	1,238	75
	Bawal	10,546	2,330	—	8,780	193	—	—	—	—	—	—	—	—	21,849	1,322
	Belanak/Kedera	1,470	—	32	337	—	—	—	—	—	36	—	—	—	1,875	113
	Cermin/Sagai/Cupak	2,345	—	—	—	25	—	—	—	—	—	—	—	—	2,370	143
	Cencaru	17,320	13,550	—	2,518	15	—	—	2,216	—	—	—	—	—	35,619	2,155
	Demudok/Rambai	—	—	—	620	—	—	—	—	—	—	—	—	—	620	38
	Kurau/Senangin/ Senohong	1,373	—	—	2,101	—	—	—	1,156	—	—	—	—	—	4,630	280

NEGERI SEMBILAN
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (f)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	—	—	85	210	—	—	—	—	—	—	—	—	—	295	18
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	2	—	—	—	64	—	—	—	—	—	66	4
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	10	12	—	—	—	73	—	—	—	—	—	95	6
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	129	148	—	—	—	—	—	—	—	—	—	277	17
	Gerut-Gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—	218	289	—	—	—	—	—	507	31
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—	94	116	—	—	—	—	—	210	13
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	—	—	—	—	—	—	—	10	—	—	—	—	—	10	1
	Merah	—	—	—	—	—	—	212	277	—	—	—	—	—	489	30
	Mengkerong/Conor/ Ubi-Ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	28	15	—	—	—	16	—	—	—	—	—	59	3
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—	—	91	—	—	—	—	—	91	5
	Bawal	—	—	—	310	—	—	—	—	—	—	—	—	—	310	19
	Belanak/Kedera	—	—	116	176	—	—	—	—	—	—	—	—	—	292	18
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cencaru	—	—	—	—	—	—	—	215	—	—	—	—	—	215	13
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/ Senohong	—	—	—	—	—	—	—	128	—	—	—	—	—	128	8

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	-	-	-	-	-	-	-	155	-	-	-	-	-	155	9
	Selar Kuning/Lolong	-	-	-	-	-	-	-	57	-	-	-	-	-	57	3
	Selayang/Curut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	-	-	-	145	-	-	-	-	-	-	-	-	-	145	9
	Billis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parang-Parang	-	-	-	555	-	-	-	-	-	-	-	-	-	555	34
	Tampan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Aya/Kayu/Tongkol	-	-	-	72	-	-	-	-	-	-	-	-	-	72	4
	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Kembong/Temenong	-	-	-	-	-	-	-	143	-	-	-	-	-	143	9
	Tenggiri	-	-	-	734	-	-	-	-	-	-	-	-	-	734	44
38	Timah/Layor/Selayor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pari	-	-	-	-	-	-	-	436	-	-	-	-	-	436	26
39	Yu	-	-	-	-	-	-	-	82	-	-	-	-	-	82	5
	Ikan Baja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Ikan Campur	-	-	299	709	-	-	-	-	-	-	-	-	-	1,008	61
	Jebong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Ketam	-	-	95	147	-	-	-	-	-	-	-	-	95	337	20
	Udang Besar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Udang Sedang	-	-	247	241	-	-	-	-	-	-	-	-	-	488	29
	Udang Kecil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Udang Baring	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Kereta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Sotong Katak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Biasa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jumlah	-	-	1,009	3,476	-	-	524	2,152	-	-	-	-	95	7,256	-
	(Total)	-	-	61	210	-	-	32	130	-	-	-	-	6	-	439

MELAKA (MALACCA)

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979

(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (g)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	—	—	—	882	—	—	—	—	—	—	—	—	—	882	53
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	304	—	—	—	—	—	—	—	—	—	304	18
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	478	1,500	—	—	—	2,275	—	—	—	—	—	4,253	257
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gerut-Gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	—	152	—	—	—	1,604	—	—	—	—	—	1,756	106
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	—	—	—	17	—	—	—	760	—	—	—	—	—	777	47
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	20	—	—	—	—	—	20	1
	Malong	—	—	—	—	—	—	—	279	—	—	—	—	—	279	17
	Merah	—	—	—	—	—	—	—	409	—	—	—	—	—	409	25
	Mengkerong/Conor/ Ubi-Ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—	—	—	—	224	—	—	—	224	14
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aruan Tasik	—	—	—	85	—	—	—	—	—	—	—	—	—	85	5
	Bawal	—	—	—	813	—	—	—	—	—	—	—	—	—	813	49
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	277	—	—	—	277	17
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cencaru	—	—	—	1,409	—	—	—	—	—	—	—	—	—	1,409	85
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/ Senohong	—	—	—	289	—	—	—	793	—	—	—	—	—	1,082	66

Sambungan (Continued)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selar Kuning/Lolong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selayang/Curut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	-	-	-	183	-	-	-	-	-	-	-	-	-	183	11
	Bilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parang-Parang	-	-	-	6,588	-	-	-	-	-	-	-	-	-	6,588	399
36	Tamban	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Aya/Kayu/Tongkol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Kembong/Temenong	-	-	-	881	-	-	-	-	-	-	-	-	-	881	53
	Tenggiri	-	-	-	6,243	-	-	-	-	-	-	-	-	-	6,243	378
39	Timah/Layor/Selayor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pari	-	-	-	192	-	-	-	1,611	-	-	-	-	-	1,803	109
42	Yu	-	-	-	63	-	-	-	354	-	-	-	-	-	417	25
	Ikan Baja	-	-	288	-	-	909	-	-	-	-	-	-	-	1,197	72
45	Ikan Campur	-	-	499	4,162	-	512	-	-	-	232	134	-	158	5,697	345
	Jebong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Ketam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Udang Besar	-	-	70	189	-	104	-	-	-	-	27	-	-	390	24
57	Udang Sedang	-	-	107	255	-	198	-	-	-	-	100	-	-	660	40
	Udang Kecil	-	-	203	219	-	119	-	-	-	-	195	-	-	736	45
76	Udang Baring	-	-	-	-	-	373	-	-	-	-	366	-	-	739	45
	Kerang	-	-	-	-	-	-	-	-	-	-	-	1,710	-	1,710	103
76	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Kereta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Sotong Katak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Biasa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jumlah Pikul (Piculs)	-	-	1,645	24,426	-	2,215	-	8,105	-	733	822	1,710	158	39,814	-
	(Total) M. Ton (M. Tonnes)	-	-	100	1,478	-	134	-	490	-	44	50	103	10	-	2,409

JOHOR BARAT (JOHORE WEST)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (h)

ISSCAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Miscellaneous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat-Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	41	—	—	239	—	20	—	—	—	—	—	—	—	300	18
	Puput/Beliat Mata/Tirok	3,437	—	—	43	—	507	—	—	—	—	—	—	—	3,987	241
25	Siakap	1	—	—	—	—	62	210	—	—	—	—	—	—	273	17
31	Lidah	299	—	—	—	—	—	—	—	—	10	—	—	—	309	19
	Sebelah	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	682	—	90	—	—	—	—	—	—	—	—	—	—	772	47
	Daun Baharu	64	—	—	—	—	—	—	—	—	—	—	—	—	64	4
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	2,608	—	192	2,113	—	161	—	1,698	21	197	—	—	—	6,990	423
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	8,022	—	623	1,459	—	148	—	50	36	143	—	—	—	10,481	634
	Gerut-Gerut	14	—	—	—	—	—	—	—	—	—	—	—	—	14	1
	Jenahak	64	—	—	—	—	—	506	1,492	—	—	—	—	—	2,062	125
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	28	—	—	—	—	—	706	105	—	—	—	—	—	839	51
	Kerisi	808	—	—	—	—	—	—	—	—	—	—	—	—	808	49
	Kerisi Bah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	39	3	—	—	—	—	—	—	—	—	—	42	3
	Malong	3,756	—	—	—	—	29	—	3,104	—	5	—	—	—	6,894	417
	Merah	144	—	—	—	—	20	445	797	—	—	—	—	—	1,406	85
	Mengkerong/Conor/ Ubi-Ubi	409	—	—	—	—	—	—	—	—	—	—	—	—	409	25
	Remong/Kunyit Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	1	—	—	165	—	91	—	179	—	812	—	—	—	1,248	75
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	170	—	—	18	—	13	—	20	—	2	—	—	—	223	13
	Aruan Tasik	22	—	—	—	—	—	—	—	—	—	—	—	—	22	1
	Bawal	4,177	—	—	6,675	—	114	—	—	4	—	—	—	—	10,970	664
	Belanak/Kedera	3	—	131	48	—	—	—	—	—	1,052	—	—	—	1,234	75
	Cermin/Sagai/Cupak	414	—	—	450	—	42	—	—	—	1,075	—	—	—	1,981	120
	Cencaru	987	—	—	1,309	—	—	—	—	—	—	—	—	—	2,296	139
	Demudok/Rambai	5	—	—	—	—	—	—	—	—	—	—	—	—	5	—
	Kurau/Senangin/ Senohong	566	—	—	199	—	193	391	31	—	35	—	—	—	1,415	86

1M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

Sambungan (Continued)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	775	-	-	-	-	304	-	-	-	-	-	-	-	1,079	65
	Selar Kuning/Lolong	575	-	-	-	-	65	-	-	-	-	-	-	-	640	39
	Selayang/Curut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	13	-	-	-	-	-	-	274	-	-	-	-	-	287	17
	Bilis	2,072	-	-	-	-	542	-	-	-	-	-	-	-	2,614	158
	Parang-Parang	2,260	-	-	7,219	-	11	-	-	-	-	-	-	-	9,490	574
	Tamban	1,602	-	-	468	-	1,033	-	-	-	-	-	-	-	3,103	188
36	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Layaran/Mersuji	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
	Kembong/Temenong	7	-	-	-	-	-	-	-	-	-	-	-	-	7	-
38	Tenggiri	741	-	-	10,013	-	-	-	-	-	-	-	-	-	10,754	651
	Timah/Layor/Selayor	903	-	-	11	-	44	-	-	-	-	-	-	-	958	58
	Pari	4,114	-	-	164	-	686	-	1,683	-	70	-	-	-	6,717	406
39	Yu	373	-	-	-	-	-	-	1	-	-	-	-	-	374	23
	Ikan Baja	73,557	-	2,694	-	-	7,305	160	-	3,416	493	-	-	-	87,625	5,301
	Ikan Campur	10,863	-	272	24,654	-	5,494	717	264	1,672	1,329	-	-	44	45,309	2,741
42	Jebong	50	-	-	-	-	-	-	-	-	-	-	-	-	50	3
	Ketam	88	-	-	6,212	-	235	-	-	-	28	20	-	121	6,704	406
45	Udang Besar	978	-	156	5,031	-	18	15	-	459	432	-	-	176	7,265	439
	Udang Sedang	2,894	-	654	3,509	-	326	30	-	1,067	96	-	-	43	8,619	521
	Udang Kecil	36,461	-	1,867	1,818	-	724	150	-	1,972	293	49	-	14	43,348	2,622
56	Udang Baring	-	-	-	-	-	-	-	-	7,750	-	-	-	-	7,750	469
	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Kereta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Katak	3,164	-	-	-	-	-	-	-	-	-	-	-	-	3,164	191
76	Sotong Biasa	4,085	-	-	-	-	182	-	-	-	-	-	-	-	4,267	258
	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jumlah Pikul (Piculs)	172,300	-	6,718	71,820	-	18,369	3,330	9,698	16,397	6,072	69	-	398	305,171	-
	(Total) M. Ton (M. Tonnes)	10,424	-	406	4,345	-	1,111	202	587	992	367	4	-	24	-	18,462

KELANTAN
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (i)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaiian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	—	—	—	70	—	—	—	—	—	—	—	—	—	70	4
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	68	—	—	—	—	—	—	—	—	—	—	—	—	68	4
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	1,578	—	—	—	—	—	18	4	—	—	—	—	—	1,600	97
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	396	—	2	58	—	—	—	—	—	—	—	—	—	456	28
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	1,315	—	226	848	164	—	—	221	—	—	—	—	—	2,774	168
	Gerut-Gerut	126	—	—	225	—	—	110	33	—	—	—	—	—	494	30
	Jenahak	—	—	—	3	—	—	101	1	—	—	—	—	—	105	6
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	58	—	—	—	—	—	523	40	—	—	—	—	—	621	38
	Kerisi	1,138	—	—	69	211	—	416	620	—	—	—	—	—	2,454	148
	Kerisi Balu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	1,147	—	69	—	—	—	—	10	—	—	—	—	—	1,226	74
	Malong	174	—	109	360	—	—	42	—	—	—	—	—	—	685	41
	Merah	5	—	—	—	—	—	2,293	23	—	—	—	—	—	2,321	140
	Mengkerong/Conor/ Ubi-Ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit Kunyit	710	—	—	18	—	—	—	25	—	—	—	—	—	753	46
	Semilang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	242	—	—	36	—	—	—	—	—	—	—	—	—	278	17
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang kacang	405	—	—	5	—	—	16	13	—	—	—	—	—	439	27
	Aruan Tasik	—	—	—	4	5	—	78	15	—	—	—	—	—	102	6
	Bawal	683	559	17	541	1,434	—	—	—	—	—	—	—	—	3,234	196
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	17	—	—	17	1
	Cermin/Sagai/Cupak	496	—	12	—	—	—	—	—	—	—	—	—	—	508	31
	Cencaru	—	661	—	33	353	—	10	—	—	—	—	—	—	1,057	64
	Demudok/Rambai	318	—	—	19	—	—	100	275	—	—	—	—	—	712	43
	Kurau/Senangin/ Senohong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sambungan (Continued)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	389	10,652	—	1,139	21,361	—	—	1,185	—	—	—	—	—	34,726	2,101
	Selar Kuning/Lolong	1,105	15,973	—	505	25,351	—	—	168	—	—	—	—	—	43,102	2,608
	Selayang/Curut	—	54,785	—	2,160	6,090	—	—	—	—	—	—	—	—	63,035	3,813
	Pisang-Pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	—	37	—	—	—	—	—	—	—	—	—	37	2
	Bilis	—	125	252	—	—	—	—	—	—	—	—	—	—	377	23
	Parang-Parang	413	—	123	1,205	—	—	—	—	—	—	—	—	—	1,741	105
	Tamban	—	2,599	11	2,282	833	—	—	—	—	—	—	—	—	5,725	346
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aya/Kayu/Tongkol	—	1,191	—	814	—	—	—	56	—	—	—	—	—	2,061	125
37	Layaran/Mersuji	52	3,905	—	580	—	—	—	—	—	—	—	—	—	4,537	274
	Kembong/Temenong	—	51,090	—	1,500	2,248	—	—	—	—	—	—	—	—	54,838	3,317
38	Tenggiri	361	—	—	2,036	—	—	—	691	—	—	—	—	—	3,088	187
	Timah/Layor/Selayor	678	—	70	238	—	—	—	—	—	—	—	—	—	986	60
	Pari	360	—	—	96	—	—	48	51	—	—	—	—	—	555	34
39	Yu	459	—	—	148	—	—	31	46	—	—	—	—	—	684	41
	Ikan Baja	5,877	—	—	—	—	—	—	—	—	—	—	—	—	5,877	355
	Ikan Campur	2,382	135	205	415	35	—	41	37	—	—	—	—	—	3,250	197
42	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Ketam	561	—	—	113	—	—	—	—	—	—	—	—	—	674	41
45	Udang Besar	672	—	—	715	—	—	—	—	—	—	—	—	—	1,387	84
	Udang Sedang	1,494	—	—	446	—	—	—	—	—	—	—	—	—	1,940	117
	Udang Kecil	403	—	—	499	—	—	—	—	—	—	—	—	—	902	55
56	Udang Baring	—	—	2,455	—	—	—	—	—	—	—	—	—	—	2,455	148
	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	772	—	—	52	—	—	—	—	—	—	—	—	—	824	50
76	Sotong Biasa	2,243	—	—	—	—	—	—	—	—	—	—	—	150	2,393	145
	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah	27,080	141,675	3,551	17,269	58,085	—	3,827	3,514	—	—	17	—	150	255,168	—
	(Total) M. Ton (M. Tonnes)	1,638	8,571	215	1,045	3,514	—	231	213	—	—	1	—	9	—	15,437

TRENGGANU

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979

(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (j)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jarut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	—	—	—	—	—	—	130	—	—	—	—	—	—	130	8
	Puput/Beliat Mata/Tirok	32	—	—	—	—	—	—	—	—	—	—	—	—	32	2
25	Siakap	—	—	—	—	—	—	79	—	—	—	—	—	—	79	5
31	Lidah	978	—	—	—	—	—	—	—	—	—	—	—	—	978	59
	Sebelah	1,584	—	—	—	—	—	20	—	—	—	—	—	—	1,604	97
33	Bayan	412	—	—	—	—	—	270	116	—	—	—	—	—	798	48
	Biji Nangka	11,862	—	—	70	—	—	202	1,102	—	—	—	—	—	13,236	801
	Daun Baharu	1,921	—	—	360	—	—	220	401	—	—	—	—	—	2,902	176
	Delah	501	—	—	—	—	—	603	303	—	—	—	—	—	1,407	85
	Duri/Pulutan/Utik	2,606	4,693	—	2,446	—	—	76	1,378	—	—	—	—	—	11,199	677
	Dengkis/Debam	956	—	—	—	—	—	720	13	—	—	—	—	—	1,689	102
	Gelama/Tengkerong	3,035	3,014	—	2,975	—	—	36	143	—	—	—	—	—	9,203	557
	Gerut-Gerut	1,714	—	—	—	—	—	647	359	—	—	—	—	—	2,720	165
	Jenahak	301	—	—	—	—	—	422	403	—	—	—	—	—	1,126	68
	Kaci	105	—	—	—	—	—	720	515	—	—	—	—	—	1,340	81
	Kerapu	2,289	—	—	—	—	—	4,342	4,884	—	—	—	—	—	11,515	697
	Kerisi	28,537	—	—	505	—	—	2,239	6,997	—	—	—	—	—	38,278	2,316
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	2,813	1,585	—	1,435	140	—	3	239	—	—	—	—	—	6,215	376
	Malong	193	—	—	—	—	—	58	5	—	—	—	—	—	256	15
	Merah	1,836	—	—	—	—	—	20,057	272	—	—	—	—	—	22,165	1,341
	Mengkerong/Conor/ Ubi-Ubi	493	—	—	—	—	—	388	151	—	—	—	—	—	1,032	62
	Remong/Kunyit Kunyit	376	—	—	—	—	—	981	1,470	—	—	—	—	—	2,827	171
	Semilang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	11,956	—	—	—	—	—	125	178	—	—	—	—	—	12,259	742
	Pasir-Pasir	14	—	—	—	—	—	—	—	—	—	—	—	—	14	1
34	Alu-Alu/Kacang kacang	849	2,063	—	2,090	—	—	12	939	—	—	—	—	—	5,953	360
	Aruan Tesik	477	700	—	407	—	—	313	4,414	—	—	—	—	—	6,311	382
	Bawal	—	4,248	—	1,124	3,347	—	—	—	—	—	—	—	—	8,719	527
	Belanak/Kedera	—	—	—	1,548	650	—	30	—	—	—	—	—	—	2,228	135
	Cermin/Sagai/Cupak	3,493	1,645	—	450	33	—	3,068	1,867	—	—	—	—	—	10,556	639
	Cencaru	—	23,051	—	8,574	3,514	—	—	1,626	—	—	—	—	—	36,765	2,224
	Demudok/Rambai	215	1,119	—	740	415	—	2,905	2,077	—	—	—	—	—	7,471	452
	Kurau/Senangin/ Senohong	—	100	—	—	70	—	—	—	—	—	—	—	—	170	10

Sambungan (Continued)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	—	38,319	—	4,601	7,607	—	—	5,962	—	—	—	—	—	56,489	3,417
	Selar Kuning/Lolong	—	41,796	—	5,376	14,027	—	—	980	—	—	—	—	—	62,179	3,762
	Selayang/Curut	—	85,655	—	203	18,936	—	—	1,023	—	—	—	—	—	105,817	6,401
	Pisang-Pisang	561	365	—	—	115	—	—	215	—	—	—	—	—	1,256	76
	Talang	—	—	—	320	—	—	—	267	—	—	—	—	—	587	35
	Bilis	—	33,795	400	—	—	—	—	—	—	—	—	—	—	34,195	2,069
	Parang-Parang	11	20	—	4,378	—	—	—	201	—	—	—	—	—	4,610	279
	Tamban	—	62,917	112	2,245	6,265	—	—	—	—	—	—	—	—	71,539	4,328
	Terubok	—	200	—	—	5	—	—	—	—	—	—	—	—	205	12
36	Bulan-Bulan	142	—	—	—	—	—	74	77	—	—	—	—	—	293	18
	Aya/Kayu/Tongkol	—	26,792	—	23,160	2,440	—	—	31,373	—	—	—	—	—	83,765	5,067
	Layaran/Mersuji	34	277	—	—	—	—	—	4,757	—	—	—	—	—	5,068	307
37	Kembong/Temenong	—	113,341	—	13,962	9,539	—	—	2,953	—	—	—	—	—	139,795	8,457
	Tenggiri	—	30	—	6,309	152	—	—	22,932	—	—	—	—	—	29,423	1,780
38	Timah/Layor/Selayor	1,351	269	—	1,603	—	—	—	126	—	—	—	—	—	3,349	203
	Pari	2,739	—	—	—	—	—	—	602	—	—	—	—	—	3,341	202
39	Yu	1,292	230	—	810	—	—	—	643	—	—	—	—	—	2,975	180
	Ikan Baja	164,214	400	—	—	—	—	—	—	—	—	—	—	—	164,614	9,958
	Ikan Campur	9,611	21,242	—	11,543	4,729	—	2,312	4,517	—	—	—	—	—	53,954	3,264
42	Jebong	—	—	—	—	—	—	2,048	24	—	—	—	—	—	2,072	125
	Ketam	508	—	—	—	—	—	—	—	—	—	—	—	—	508	31
45	Udang Besar	1,689	—	—	337	—	—	—	—	—	—	—	—	—	2,026	123
	Udang Sedang	4,441	—	—	118	—	—	—	—	—	—	—	—	—	4,559	276
	Udang Kecil	6,022	—	—	573	—	—	—	—	—	—	—	—	—	6,595	399
	Udang Baring	—	—	3,119	—	—	—	—	—	—	—	—	—	—	3,119	189
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	87	—	—	—	—	—	—	—	—	—	—	—	—	87	5
	Sotong Katak	3,893	35	—	—	—	—	2,779	200	—	—	—	—	—	6,907	418
	Sotong Biasa	3,982	1,594	—	—	—	—	15	1,800	—	—	—	—	6,200	13,591	822
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total)		280,125	469,495	3,631	98,262	71,984	—	45,894	108,504	—	—	—	—	6,200	1,084,095	—
M. Ton (M. Tonnes)		16,946	28,403	220	5,945	4,355	—	2,776	6,564	—	—	—	—	375	—	65,584

PAHANG
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
 (Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (k)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	606	—	—	—	—	—	—	—	—	—	—	—	—	606	37
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	6	—	—	—	—	—	—	—	—	—	6	—
31	Lidah	101	—	—	—	—	—	—	—	—	—	—	—	—	101	6
	Sebelah	128	—	—	—	—	—	—	—	—	—	—	—	—	128	8
33	Bayan	4	—	—	—	—	—	169	—	—	—	—	—	—	173	11
	Biji Nangka	960	—	146	—	—	—	38	142	—	—	—	—	—	1,286	78
	Daun Baharu	30	—	—	—	—	—	72	—	—	—	—	—	—	102	6
	Delah	—	—	—	—	—	—	272	—	—	—	—	—	—	272	17
	Duri/Pulutan/Utik	1,323	—	—	10	—	—	—	16	—	—	—	—	—	1,349	82
	Dengkis/Debam	479	—	—	—	—	—	160	—	—	—	—	—	—	639	39
	Gelama/Tengkerong	2,552	43	291	86	—	—	—	—	—	—	—	—	—	2,972	180
	Gerut-Gerut	—	—	46	—	—	—	387	—	—	—	—	—	—	433	26
	Jenahak	—	—	—	—	14	—	77	12	—	—	—	—	—	103	6
	Kaci	40	—	6	—	—	—	501	136	—	—	—	—	—	683	41
	Kerapu	99	—	—	—	52	—	1,193	612	—	—	—	—	—	1,956	118
	Kerisi	3,144	—	136	152	90	—	1,134	2,154	—	—	—	—	—	6,810	412
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	173	—	—	—	—	—	—	—	—	—	—	—	—	173	11
	Malong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Merah	37	—	—	—	—	—	792	—	—	—	—	—	—	829	50
	Mengkerong/Conor/ Ubi-Ubi	1,117	82	—	—	—	—	—	—	—	—	—	—	—	1,199	73
	Remong/Kunyit Kunyit	20	—	—	—	—	—	883	94	—	—	—	—	—	997	60
	Semilang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	996	—	—	—	—	—	—	—	—	—	—	—	—	996	60
	Pasir-Pasir	1,081	—	—	—	—	—	—	—	—	—	—	—	—	1,081	65
34	Alu-Alu/Kacang kacang	252	—	—	3	—	—	18	477	—	—	—	—	—	750	45
	Aruan Tasik	238	—	—	24	—	—	—	112	—	—	—	—	—	374	23
	Bawal	438	38	809	892	—	—	—	—	—	—	—	—	—	2,177	132
	Belanak/Kedera	84	—	118	—	—	—	—	—	—	—	—	—	—	202	12
	Cermin/Sagai/Cupak	255	—	—	—	—	—	—	—	—	—	—	—	—	255	15
	Cencaru	68	506	—	32	—	—	—	172	—	—	—	—	—	778	47
	Demudok/Rambai	—	342	24	120	24	—	1,148	88	—	—	—	—	—	1,746	106
	Kurau/Senangin/ Senohong	104	—	16	220	—	—	—	46	—	—	—	—	—	386	23

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	284	4,746	116	416	701	—	178	940	—	—	—	—	—	7,381	447
	Selar Kuning/Lolong	1,214	7,983	136	22	5,267	—	—	18	—	—	—	—	—	14,640	886
	Selayang/Curut	—	6,127	—	18	2,309	—	28	—	—	—	—	—	—	8,482	513
	Pisang-Pisang	462	—	—	56	—	—	—	—	—	—	—	—	—	518	31
	Talang	—	—	—	122	—	—	—	—	—	—	—	—	—	122	7
	Billis	154	6,598	—	—	—	312	—	—	—	—	—	—	—	7,064	427
	Parang-Parang	351	—	24	1,864	84	—	—	293	—	—	—	—	—	2,616	158
	Tamban	40	12,817	16	66	1,708	64	—	—	—	—	—	—	—	14,711	890
36	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—	36	—	—	—	—	—	36	2
	Aya/Kayu/Tongkol	—	391	—	70	232	—	—	450	—	—	—	—	—	1,143	69
37	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kembong/Temenong	1	20,934	—	390	1,506	—	—	18	—	—	—	—	—	22,849	1,382
	Tenggiri	6	—	16	1,961	54	—	—	1,993	—	—	—	—	—	4,030	244
38	Timah/Layor/Selayor	226	—	—	2	—	—	—	—	—	—	—	—	—	228	14
	Pari	3,222	—	16	16	18	—	—	441	—	—	—	—	—	3,713	225
	Yu	1,180	—	—	134	—	—	—	59	—	—	—	—	—	1,373	83
39	Ikan Baja	122,902	467	78	—	—	103	—	—	76	—	—	—	—	123,626	7,479
	Ikan Campur	7,872	—	—	75	—	28	1,464	1	21	—	—	—	—	9,461	572
	Jebong	45	—	—	—	—	—	612	—	—	—	—	—	—	657	40
42	Ketam	3,588	—	—	58	—	—	26	—	—	—	—	—	—	3,672	222
45	Udang Besar	1,457	—	—	12	—	—	3	—	—	—	—	—	—	1,472	89
	Udang Sedang	8,724	—	—	402	—	—	—	—	5	—	—	—	—	9,131	552
	Udang Kecil	2,029	—	—	46	—	—	—	—	—	—	—	—	—	2,075	126
56	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	331	—	—	—	—	—	—	—	—	—	—	—	—	331	20
	Sotong Biasa	5,502	—	12	—	—	—	—	226	—	—	—	—	—	5,740	347
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)		173,919	61,074	2,006	7,275	12,059	507	9,155	8,536	102	—	—	—	—	274,633	—
(Total) M. Ton (M. Tonnes)		10,521	3,695	121	440	730	31	554	516	6	—	—	—	—	—	16,614

JOHOR TIMUR (JOHORE EAST)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1979
(Landings of Marine Fish by Gear Group and Type of Fish – 1979)

Jadual (Table) 2.16 (I)

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	1,185	—	—	225	—	384	—	—	1,586	—	—	—	—	3,380	204
	Puput/Beliat Mata/Tirok	391	—	—	—	—	—	—	—	—	—	—	—	—	391	24
25	Siakap	—	—	—	—	—	9	—	—	27	—	—	—	—	36	2
31	Lidah	65	—	—	2	—	—	—	—	7	—	—	—	—	74	4
	Sebelah	330	—	—	6	—	32	—	—	47	—	—	—	—	415	25
33	Bayan	—	—	—	—	—	—	174	—	—	—	—	—	—	174	11
	Biji Nangka	3,205	—	—	—	—	—	—	—	—	—	—	—	—	3,205	194
	Daun Baharu	259	—	—	8	—	114	—	—	76	—	—	—	—	457	28
	Delah	—	—	—	—	—	14	629	—	—	—	—	—	—	643	39
	Duri/Pulutan/Utik	1,429	91	—	209	—	172	—	542	165	—	—	—	—	2,608	158
	Dengkis/Debam	3,190	—	—	—	—	234	180	—	204	—	—	—	—	3,808	230
	Gelama/Tengkerong	8,931	—	—	120	—	265	—	—	2,394	—	—	—	—	11,710	708
	Gerut-Gerut	4	—	—	—	—	51	—	—	—	—	—	—	—	55	3
	Jenahak	8	—	—	—	—	—	6	—	—	—	—	—	—	14	1
	Kaci	1,049	—	—	35	—	122	540	—	19	—	—	—	—	1,765	107
	Kerapu	323	—	—	—	—	120	751	29	11	—	—	—	—	1,234	75
	Kerisi	27,597	5	—	—	—	—	—	8	—	—	—	—	—	27,610	1,670
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	3,051	156	—	12	—	714	—	—	756	—	—	—	—	4,689	284
	Malong	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—
	Merah	1,720	—	—	—	—	113	689	166	—	—	—	—	—	2,688	163
	Mengkerong/Conor/ Ubi-Ubi	638	—	—	—	—	—	—	—	26	—	—	—	—	664	40
	Remong/Kunyit Kunyit	677	—	—	—	—	213	40	—	50	—	—	—	—	980	59
	Semilang	5	—	—	—	—	2	—	—	—	—	—	—	—	7	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	2,138	—	—	—	—	69	—	—	59	—	—	—	—	2,266	137
	Pasir-Pasir	6,192	—	—	—	—	—	—	—	—	—	—	—	—	6,192	375
34	Alu-Alu/Kacang kacang	2,160	84	—	125	—	249	—	777	357	—	—	—	—	3,752	227
	Aruan Tasik	38	—	—	—	—	—	—	9	—	—	—	—	—	47	3
	Bawal	307	318	—	—	783	—	—	—	—	—	—	—	—	1,408	85
	Belanak/Kedera	—	—	—	5	—	890	—	—	743	—	—	—	—	1,638	99
	Cermin/Sagai/Cupak	1,110	149	—	—	—	60	602	18	23	—	—	—	—	1,962	119
	Cencaru	340	2,145	—	308	—	—	24	4,922	—	—	—	—	—	7,739	468
	Demudok/Rambai	28	715	—	43	—	—	105	29	—	—	—	—	—	920	56
	Kurau/Senangin/ Senohong	12	—	—	—	—	2	—	—	—	—	—	—	—	14	1

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	179	25,441	—	65	1,019	149	—	8,110	—	—	—	—	—	34,963	2,115
	Selar Kuning/Lolong	29,306	28,083	—	—	7,445	858	—	—	—	—	—	—	—	65,692	3,974
	Selayang/Curut	59	45,738	—	—	4,511	—	—	188	—	—	—	—	—	50,496	3,055
	Pisang-Pisang	258	—	—	—	—	—	—	—	—	—	—	—	—	258	16
	Talang	—	—	—	29	—	20	—	—	72	—	—	—	—	121	7
	Bilis	967	—	—	—	—	5,681	—	—	189	—	—	—	—	6,837	414
	Parang-Parang	485	13	—	944	—	4	—	—	135	—	—	—	—	1,581	96
	Tamban	205	45,752	—	48	12,257	2,029	—	384	143	—	—	—	—	60,818	3,679
36	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-Bulan	—	16	—	—	—	—	—	—	—	—	—	—	—	16	1
	Aya/Kayu/Tongkol	—	3,626	—	3,765	—	—	—	19,327	—	—	—	—	—	26,718	1,616
37	Layaran/Mersuji	—	—	—	—	—	—	—	166	—	—	—	—	—	166	10
	Kembong/Temenong	556	62,297	—	17,993	255	—	—	2,837	—	—	—	—	—	83,938	5,078
38	Tenggiri	1,014	333	—	2,556	—	—	—	9,580	6	—	—	—	—	13,489	816
	Timah/Layor/Selayor	520	—	—	23	—	52	—	461	611	—	—	—	—	1,667	101
	Pari	3,197	—	—	14	—	15	—	—	153	—	—	—	—	3,379	204
39	Yu	1,068	—	—	574	—	39	—	83	213	—	—	—	—	1,977	120
	Ikan Baja	141,467	976	—	—	—	—	—	—	8,809	—	—	—	—	151,252	9,150
	Ikan Campur	2,155	93	—	102	—	551	425	108	1,511	—	—	—	—	4,945	299
42	Jebong	727	—	—	—	—	—	115	13	—	—	—	—	—	855	52
	Ketam	3,612	—	—	410	—	233	—	—	756	—	—	—	—	5,011	303
45	Udang Besar	3,173	—	—	39	—	19	—	—	1,780	—	—	—	—	5,011	303
	Udang Sedang	3,817	—	—	29	—	5	—	—	493	—	—	—	—	4,344	263
	Udang Kecil	16,989	—	—	210	—	297	—	—	4,884	—	—	—	—	22,380	1,354
56	Udang Baring	—	—	—	—	—	—	—	—	10,085	—	—	—	—	10,085	610
	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	3,729	3	—	—	—	29	—	—	231	—	—	—	—	3,992	241
76	Sotong Biasa	23,174	300	—	—	—	449	—	—	—	—	—	—	—	23,923	1,447
	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah		303,040	216,334	—	27,899	26,270	14,259	4,280	47,757	36,621	—	—	—	—	676,460	—
(Total)		18,333	13,087	—	1,688	1,589	863	259	2,889	2,215	—	—	—	—	—	40,923

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PENDARATAN UDANG BAGI TAHUN 1965 – 1979

(Prawn Landings for the Years 1965 – 1979)

Kuantiti Dalam M. Ton (Quantiti in M. Tonnes)

Jadual (Table) 2.17

Tahun (Year)	Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah Besar (Grand Total)
	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (J. West)		Kelantan	Trengganu	Pahang	Johor Timur (J. East)		
1965	162.6	306.3	1,785.1	6,514.7	4,590.0	16.4	35.4	* 895.6	14,306.1	156.8	120.7	18.3	426.5	722.3	15,028.4
1966	183.0	219.7	1,138.3	6,228.2	6,193.3	14.0	47.2	*1,096.5	15,120.2	127.3	289.7	16.8	1,498.7	1,932.5	17,052.7
1967	96.6	382.5	1,563.6	9,562.3	10,266.0	10.6	36.8	*1,698.4	23,616.8	205.4	338.2	247.3	990.7	1,781.6	25,398.4
1968	64.2	653.9	2,532.0	14,681.1	7,905.4	5.6	80.2	784.6	26,707.0	256.7	281.6	273.7	1,698.2	2,510.2	29,217.2
1969	54.7	825.6	3,912.0	16,084.7	8,206.9	8.9	143.8	901.9	30,138.5	188.1	182.4	253.9	1,018.0	1,642.4	31,780.9
1970	99.0	673.3	4,857.5	17,403.3	13,958.5	20.7	168.5	963.7	38,144.5	422.0	207.6	435.9	2,104.3	3,169.8	41,314.3
1971	81.5	1,228.7	7,141.5	17,885.3	18,932.0	16.4	92.9	1,309.5	46,687.8	406.1	241.8	550.4	1,358.3	2,556.6	49,244.4
1972	150.4	1,652.1	7,827.7	16,589.2	8,813.5	6.2	40.3	1,870.0	36,949.4	303.7	280.1	764.8	1,440.6	2,789.2	39,738.6
1973	855.4	2,352.1	9,032.7	17,802.3	13,510.2	6.2	61.1	1,940.3	45,560.3	136.1	421.7	572.2	1,393.5	2,523.5	48,083.8
1974	1,592.0	2,667.5	7,789.3	19,977.1	14,122.8	4.9	44.8	2,432.3	48,630.7	222.1	357.4	849.8	1,753.5	3,182.8	51,813.5
1975	1,150.2	3,084.5	6,736.4	17,037.0	7,671.4	15.3	43.6	2,228.9	37,967.3	379.5	550.2	772.0	1,332.1	3,033.8	41,001.1
1976	654.6	5,365.0	5,703.6	16,934.3	12,223.8	18.9	41.6	2,639.7	43,581.5	229.1	752.1	813.7	2,274.9	4,069.8	47,651.3
1977	1,335.6	8,424.9	4,016.2	21,437.5	12,831.0	20.0	58.1	2,864.1	50,987.4	350.7	1,112.5	881.2	1,252.7	3,597.1	54,584.5
1978	2,204.7	7,085.6	3,101.1	25,839.0	22,153.7	15.3	77.1	2,540.9	63,017.4	225.2	1,050.3	988.8	2,266.6	4,530.9	67,548.3
1979	2,396.5	4,213.0	3,128.6	23,205.9	20,020.3	29.5	108.0	3,583.3	56,685.1	255.8	797.3	767.0	1,919.9	3,740.0	60,425.1

* Angka-Angka Anggaran
(Estimated Figures)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN NEGERI – 1979
(Landings by Trawlers by Tonnage and State – 1979)

Jadual (Table) 2.19

Ukuran Muatan (Tonnage)	Negeri (State)	Pantai Barat (West Coast)							Jumlah Kecil (Sub-Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub-Total)	Jumlah Besar (Grand Total)		
		Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka		Johor Barat	Kelantan	Trengganu	Pahang		Johor Timur	Pikul (Piculs)	M.Ton (M.Tonnes)
0 – 9.9 Tons		60,008	87,143	—	178,554	256,588	—	—	88,687	670,980	8,169	107,496	40,912	6,214	162,791	833,771	50,440
10 – 24.9 Tons		58,440	157,354	—	301,673	468,816	—	—	79,122	1,065,405	7,894	120,805	39,751	69,866	238,316	1,303,721	78,870
25 – 49.9 Tons		55,220	608,905	89,415	622,149	329,332	—	—	4,491	1,709,512	9,927	47,408	90,566	189,961	337,862	2,047,374	123,858
50 – 99.9 Tons		—	—	—	—	37,979	—	—	—	37,979	1,090	4,416	2,690	36,999	45,195	83,174	5,032
100 Tan dan lebih (100 Tons and above)		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH Pikul : (Piculs)		173,668	853,402	89,415	1,102,376	1,092,715	—	—	172,300	3,483,876	27,080	280,125	173,919	303,040	784,164	4,268,040	
(Total) M. Ton (M. Tonnes)		10,506	51,628	5,409	66,689	66,105	—	—	10,424	210,761	1,638	16,947	10,521	18,333	47,439		258,200

1 M. Ton (Metric Tonne) = 16.53 Pikul (Piculs)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.20

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		60	1,688	5,781	61	—	7,590
	Puput/Beliat Mata		1,564	4,500	2,667	126	—	8,857
25	Siakap		31	19	50	—	—	100
31	Lidah		10,137	20,742	11,442	1,789	—	44,110
	Sebelah		808	1,786	2,605	54	—	5,253
33	Bayan		152	260	4	—	—	416
	Biji Nangka		3,630	9,539	13,281	825	—	27,275
	Daun Baharu		946	1,226	1,227	15	—	3,414
	Delah		186	255	213	—	—	654
	Duri/Pulutan/Utik		3,981	11,128	10,601	257	—	25,967
	Dengkis/Debam		295	1,004	2,776	550	—	4,625
	Gelama/Tengkerong		12,489	29,167	45,944	2,012	—	89,612
	Gerut-Gerut		1,818	5,319	8,308	798	—	16,243
	Jenahak		144	863	2,509	110	—	3,626
	Kaci		41	1,018	2,072	214	—	3,345
	Kerapu		1,690	6,982	11,657	642	—	20,971
	Kerisi		6,809	39,495	94,624	7,393	—	148,321
	Kerisi Bali		—	—	347	—	—	347
	Kikek		1,588	3,357	7,148	533	—	12,626
	Malong		4,196	13,140	8,890	517	—	26,743
	Merah		312	4,226	18,115	918	—	23,571
	Mengkerong/Conor/Ubi2		1,056	10,574	23,339	604	—	35,573
	Remong/Kunyit-kunyit		299	898	1,869	108	—	3,174
	Semilang		88	1,049	2,877	—	—	4,014
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		1,523	4,691	9,192	1,035	—	16,441
	Pasir-Pasir		16	1,571	4,867	833	—	7,287
34	Alu-Alu/Kacang-Kacang		600	6,056	15,237	658	—	22,551
	Aruan Tasik		178	554	1,278	149	—	2,159
	Bawal		3,286	8,354	17,769	514	—	29,923
	Belanak/Kedera		133	981	1,905	—	—	3,019
	Cermin/Sagai/Cupak		1,270	2,349	4,294	499	—	8,412
	Cincaru		3,458	8,416	16,813	1,058	—	29,745
	Demudok/Rambai		116	1,777	9,107	22	—	11,022
	Kurau/Senangin/Senohong		501	1,006	1,009	75	—	2,591
	Pelata/Selar		373	1,970	18,558	1,040	—	21,941
	Selar Kuning/Lolong		404	7,962	37,825	5,164	—	51,355
	Selayang/Curut		—	505	7,124	7	—	7,636
	Pisang-Pisang		176	394	739	75	—	1,384
	Talang		—	8	833	—	—	841
35	Bilis		4,224	10,334	1,629	173	—	16,360
	Parang-Parang		2,604	9,510	15,423	395	—	27,932
	Tamban		684	2,733	28,270	225	—	31,912
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		50	92	—	—	—	142
36	Aya/Kayu/Tongkol		—	25	352	53	—	430
	Layaran/Mersuji		31	221	565	—	—	817
37	Kembong/Temenong		59	11,952	76,288	1,444	—	89,743
	Tenggiri		442	2,553	10,771	670	—	14,436
	Timah/Layor/Selayor		1,949	4,531	18,640	590	—	25,710
38	Pari		5,071	18,168	17,029	892	—	41,160
	Yu		4,372	11,013	9,603	443	—	25,431
39	Ikan Baja		418,687	657,184	1,161,991	39,152	—	2,277,014
	Ikam Campur		20,718	29,116	23,321	484	—	73,639
	Jebong		36	220	1,554	111	—	1,921
42	Ketam		9,372	16,744	13,598	548	—	40,262
45	Udang Besar		27,034	24,046	10,423	542	—	62,045
	Udang Sedang		92,227	103,354	26,278	606	—	222,465
	Udang Kecil		163,812	133,715	44,139	1,281	—	342,947
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	28	—	—	28
	Siput/Kepah		6	—	—	—	—	6
57	Sotong Kereta		751	3,816	1,790	—	—	6,357
	Sotong Katak		6,971	18,239	38,235	1,957	—	65,402
	Sotong Biasa		10,317	31,326	122,551	4,953	—	169,147
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total) :-			833,771	1,303,721	2,047,374	83,174	—	4,268,040

SEMENANJUNG MALAYSIA – PANTAI BARAT (PENINSULAR MALAYSIA – WEST COAST)

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979

(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.21

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangai		34	1,167	4,598	—	—	5,799
	Puput/Beliat Mata		1,525	4,391	2,475	43	—	8,434
25	Siakap		31	19	50	—	—	100
31	Lidah		9,700	20,197	11,294	1,775	—	42,966
	Sebelah		124	993	2,026	—	—	3,143
33	Bayan		—	—	—	—	—	—
	Biji Nangka		225	1,960	7,188	297	—	9,670
	Daun Baharu		127	276	801	—	—	1,204
	Delah		—	—	153	—	—	153
	Duri/Pulutan/Utik		2,598	9,224	8,366	25	—	20,213
	Dengkis/Debam		—	—	—	—	—	—
	Gelama/Tengkerong		10,492	24,396	38,131	760	—	73,779
	Gerut-Gerut		1,263	4,557	7,786	793	—	14,399
	Jenahak		13	708	2,486	110	—	3,317
	Kaci		—	803	1,348	—	—	2,151
	Kerapu		1,044	5,856	10,820	482	—	18,202
	Kerisi		2,410	25,040	58,939	1,516	—	87,905
	Kerisi Bali		—	—	347	—	—	347
	Kikek		8	1,106	4,328	—	—	5,442
	Malong		4,086	12,994	8,778	517	—	26,375
	Merah		7	3,667	15,671	628	—	19,973
	Mengkerong/Conor/Ubi2		732	9,811	22,250	532	—	33,325
	Remong/Kunyit-kunyit		—	263	1,128	—	—	1,391
	Semilang		88	1,049	2,872	—	—	4,009
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		110	260	739	—	—	1,109
	Pasir-Pasir		—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		105	4,999	13,417	364	—	18,885
	Aruan Tasik		17	174	1,074	141	—	1,406
	Bawal		3,128	7,931	17,070	366	—	28,495
	Belanak/Kedera		105	925	1,905	—	—	2,935
	Cermin/Sagai/Cupak		93	492	2,214	259	—	3,058
	Cincaru		3,449	8,384	16,511	993	—	29,337
	Demudok/Rambai		3	1,563	8,895	—	—	10,461
	Kurau/Senangin/Senohong		500	999	903	73	—	2,475
	Pelata/Selar		310	1,784	18,061	934	—	21,089
	Selar Kuning/Lolong		159	3,102	16,081	388	—	19,730
	Selayang/Curut		—	505	7,072	—	—	7,577
	Pisang-Pisang		—	—	84	19	—	103
	Talang		—	8	833	—	—	841
35	Bilis		4,202	10,223	814	—	—	15,239
	Parang-Parang		2,391	9,249	14,725	307	—	26,672
	Tamban		671	2,653	28,136	207	—	31,667
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	25	352	53	—	430
	Layaran/Mersuji		—	166	565	—	—	731
37	Kembong/Temenong		59	11,934	75,868	1,325	—	89,186
	Tenggiri		367	2,234	9,928	526	—	13,055
	Timah/Layor/Selayor		931	3,562	17,960	482	—	22,935
38	Pari		4,039	15,016	12,087	500	—	31,642
	Yu		3,756	9,778	7,636	262	—	21,432
39	Ikan Baja		307,694	517,371	997,919	19,570	—	1,842,554
	Ikam Campur		13,323	22,478	15,818	—	—	51,619
	Jebong		36	114	999	—	—	1,149
42	Ketam		7,733	14,592	9,581	87	—	31,993
45	Udang Besar		25,339	22,114	7,532	69	—	55,054
	Udang Sedang		86,492	95,798	21,477	222	—	203,989
	Udang Kecil		157,774	124,282	35,448	—	—	317,504
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	28	—	—	28
	Siput/Kepah		6	—	—	—	—	6
57	Sotong Kereta		724	3,756	1,790	—	—	6,270
	Sotong Katak		5,511	15,681	34,085	1,400	—	56,677
	Sotong Biasa		7,446	24,776	100,070	1,954	—	134,246
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total):—			670,980	1,065,405	1,709,512	37,979	—	3,483,876

SEMENANJUNG MALAYSIA – PANTAI TIMUR (PENINSULAR MALAYSIA – EAST COAST)

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979

(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.22

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		26	521	1,183	61	—	1,791
	Puput/Beliat Mata		39	109	192	83	—	423
25	Siakap		—	—	—	—	—	—
31	Lidah		437	545	148	14	—	1,144
	Sebelah		684	793	579	54	—	2,110
33	Bayan		152	260	4	—	—	416
	Biji Nangka		3,405	7,579	6,093	528	—	17,605
	Daun Baharu		819	950	426	15	—	2,210
	Delah		186	255	60	—	—	501
	Duri/Pulutan/Utik		1,383	1,904	2,235	232	—	5,754
	Dengkis/Debam		295	1,004	2,776	550	—	4,625
	Gelama/Tengkerong		1,997	4,771	7,813	1,252	—	15,833
	Gerut-Gerut		555	762	522	5	—	1,844
	Jenahak		131	155	23	—	—	309
	Kaci		41	215	724	214	—	1,194
	Kerapu		646	1,126	837	160	—	2,769
	Kerisi		4,399	14,455	35,685	5,877	—	60,416
	Kerisi Bali		—	—	—	—	—	—
	Kikek		1,580	2,251	2,820	533	—	7,184
	Malong		110	146	112	—	—	368
	Merah		305	559	2,444	290	—	3,598
	Mengkerong/Conor/Ubi2		324	763	1,089	72	—	2,248
	Remong/Kunyit-kunyit		299	635	741	108	—	1,783
	Semilang		—	—	5	—	—	5
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		1,413	4,431	8,453	1,035	—	15,332
	Pasir-Pasir		16	1,571	4,867	833	—	7,287
34	Alu-Alu/Kacang-Kacang		495	1,057	1,820	294	—	3,666
	Aruan Tasik		161	380	204	8	—	753
	Bawal		158	423	699	148	—	1,428
	Belanak/Kedera		28	56	—	—	—	84
	Cermin/Sagai/Cupak		1,177	1,857	2,080	240	—	5,354
	Cincaru		9	32	302	65	—	408
	Demudok/Rambai		113	214	212	22	—	561
	Kurau/Senangin/Senohong		1	7	106	2	—	116
	Pelata/Selar		63	186	497	106	—	852
	Selar Kuning/Lolong		245	4,860	21,744	4,776	—	31,625
	Selayang/Curut		—	—	52	7	—	59
	Pisang-Pisang		176	394	655	56	—	1,281
	Talang		—	—	—	—	—	—
35	Bilis		22	111	815	173	—	1,121
	Parang-Parang		213	261	698	88	—	1,260
	Tamban		13	80	134	18	—	245
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		50	92	—	—	—	142
36	Aya/Kayu/Tongkol		—	—	—	—	—	—
	Layaran/Mersuji		31	55	—	—	—	86
37	Kembong/Temenong		—	18	420	119	—	557
	Tenggiri		75	319	843	144	—	1,381
	Timah/Layor/Selayor		1,018	969	680	108	—	2,775
38	Pari		1,032	3,152	4,942	392	—	9,518
	Yu		616	1,235	1,967	181	—	3,999
39	Ikan Baja		110,993	139,813	164,072	19,582	—	434,460
	Ikam Campur		7,395	6,638	7,503	484	—	22,020
	Jebong		—	106	555	111	—	772
42	Ketam		1,639	2,152	4,017	461	—	8,269
45	Udang Besar		1,695	1,932	2,891	473	—	6,991
	Udang Sedang		5,735	7,556	4,801	384	—	18,476
	Udang Kecil		6,038	9,433	8,691	1,281	—	25,443
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—
57	Sotong Kereta		27	60	—	—	—	87
	Sotong Katak		1,460	2,558	4,150	557	—	8,725
	Sotong Biasa		2,871	6,550	22,481	2,999	—	34,901
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total):—			162,791	238,316	337,862	45,195	—	784,164

PERLIS

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (a)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	—	40	—	—	40
	Puput/Beliat Mata		—	—	—	—	—	—
25	Siakap		—	—	—	—	—	—
31	Lidah		286	497	1,100	—	—	1,883
	Sebelah		—	—	195	—	—	195
33	Bayan		—	—	—	—	—	—
	Biji Nangka		—	—	—	—	—	—
	Daun Baharu		—	—	—	—	—	—
	Delah		—	—	—	—	—	—
	Duri/Pulutan/Utik		—	—	—	—	—	—
	Dengkis/Debam		—	—	—	—	—	—
	Gelama/Tengkerong		51	227	2,291	—	—	2,569
	Gerut-Gerut		—	—	147	—	—	147
	Jenahak		—	—	—	—	—	—
	Kaci		—	—	—	—	—	—
	Kerapu		—	—	315	—	—	315
	Kerisi		—	—	663	—	—	663
	Kerisi Bali		—	—	—	—	—	—
	Kikek		—	—	—	—	—	—
	Malong		—	—	—	—	—	—
	Merah		—	—	—	—	—	—
	Mengkerong/Conor/Ubi2		—	—	—	—	—	—
	Remong/Kunyit-kunyit		—	—	—	—	—	—
	Semilang		—	—	—	—	—	—
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		44	69	82	—	—	195
	Pasir-Pasir		—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		—	—	—	—	—	—
	Aruan Tasik		—	—	—	—	—	—
	Bawal		—	—	—	—	—	—
	Belanak/Kedera		—	—	—	—	—	—
	Cermin/Sagai/Cupak		—	—	—	—	—	—
	Cincaru		—	—	—	—	—	—
	Demudok/Rambai		—	—	—	—	—	—
	Kurau/Senangin/Senohong		—	—	—	—	—	—
	Pelata/Selar		—	—	—	—	—	—
	Selar Kuning/Lolong		—	—	—	—	—	—
	Selayang/Curut		—	—	—	—	—	—
	Pisang-Pisang		—	—	—	—	—	—
	Talang		—	—	—	—	—	—
35	Bilis		—	—	—	—	—	—
	Parang-Parang		306	649	1,243	—	—	2,198
	Tamban		—	—	—	—	—	—
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	—	—	—	—	—
	Layaran/Mersuji		—	—	—	—	—	—
37	Kembong/Temerong		—	—	—	—	—	—
	Tenggiri		—	—	—	—	—	—
	Timah/Layor/Selayor		55	152	463	—	—	670
38	Pari		—	—	316	—	—	316
	Yu		—	—	—	—	—	—
39	Ikan Baja		47,030	43,650	28,230	—	—	118,910
	Ikam Campur		881	972	370	—	—	2,223
	Jebong		—	—	—	—	—	—
42	Ketam		168	384	556	—	—	1,108
45	Udang Besar		1,613	1,882	2,456	—	—	5,951
	Udang Sedang		3,605	4,219	5,432	—	—	13,256
	Udang Kecil		4,566	3,669	8,946	—	—	17,181
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—
57	Sotong Kereta		—	—	—	—	—	—
	Sotong Katak		1,058	1,310	1,598	—	—	3,966
	Sotong Biasa		345	760	777	—	—	1,882
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total) :-			60,008	58,440	55,220	—	—	173,668

KEDAH
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (b)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		20	31	3,057	—	—	3,108
	Puput/Beliat Mata		—	—	1,350	—	—	1,350
25	Siakap		—	—	44	—	—	44
31	Lidah		1,095	6,287	3,674	—	—	11,056
	Sebelah		87	157	715	—	—	959
33	Bayan		—	—	—	—	—	—
	Biji Nangka		3	—	225	—	—	228
	Daun Baharu		6	67	285	—	—	358
	Delah		—	—	—	—	—	—
	Duri/Pulutan/Utik		36	91	2,448	—	—	2,575
	Dengkis/Debam		—	—	—	—	—	—
	Gelama/Tengkerong		797	2,588	14,198	—	—	17,583
	Gerut-Gerut		6	75	1,036	—	—	1,117
	Jenahak		—	34	496	—	—	530
	Kaci		—	—	37	—	—	37
	Kerapu		263	1,089	1,570	—	—	2,922
	Kerisi		2,072	10,023	10,033	—	—	22,128
	Kerisi Bali		—	—	—	—	—	—
	Kikek		8	—	393	—	—	401
	Malong		87	846	2,130	—	—	3,063
	Merah		—	4	200	—	—	204
	Mengkerong/Conor/Ubi2		671	4,397	4,857	—	—	9,925
	Remong/Kunyit-kunyit		—	29	—	—	—	29
	Semilang		—	18	1,822	—	—	1,840
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		66	92	444	—	—	602
	Pasir-Pasir		—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		10	646	3,845	—	—	4,501
	Aruan Tasik		—	6	94	—	—	100
	Bawal		8	67	6,780	—	—	6,855
	Belanak/Kedera		—	—	933	—	—	933
	Cermin/Sagai/Cupak		—	3	247	—	—	250
	Cincaru		—	7	6,301	—	—	6,308
	Demudok/Rambai		—	37	1,926	—	—	1,963
	Kurau/Senangin/Senohong		—	6	194	—	—	200
	Pelata/Selar		14	45	7,697	—	—	7,756
	Selar Kuning/Lolong		10	296	3,298	—	—	3,604
	Selayang/Curut		—	3	141	—	—	144
	Pisang-Pisang		—	—	3	—	—	3
	Talang		—	—	809	—	—	809
35	Bilis		—	—	803	—	—	803
	Parang-Parang		25	480	6,870	—	—	7,375
	Tamban		—	874	25,733	—	—	26,607
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	1	264	—	—	265
	Layaran/Mersuji		—	—	24	—	—	24
37	Kembong/Temenong		39	4,606	54,184	—	—	58,829
	Tenggiri		2	145	4,496	—	—	4,643
	Timah/Layor/Selayor		126	105	6,124	—	—	6,355
38	Pari		497	1,492	1,272	—	—	3,261
	Yu		6	18	1,000	—	—	1,024
39	Ikan Baja		60,740	90,298	338,539	—	—	489,577
	Ikam Campur		1,164	658	6,171	—	—	7,993
	Jebong		—	—	13	—	—	13
42	Ketam		1,090	2,057	3,775	—	—	6,922
45	Udang Besar		940	2,008	2,560	—	—	5,508
	Udang Sedang		4,009	2,505	6,031	—	—	12,545
	Udang Kecil		10,652	16,037	10,286	—	—	36,975
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	28	—	—	28
	Siput/Kepah		6	—	—	—	—	6
57	Sotong Kereta		724	2,231	1,153	—	—	4,108
	Sotong Katak		1,449	3,654	9,033	—	—	14,136
	Sotong Biasa		415	3,241	49,264	—	—	52,920
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total):—			87,143	157,354	608,905	—	—	853,402

PULAU PINANG
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (c)

ISSCAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	—	217	—	—	217
	Puput/Beliat Mata		—	—	43	—	—	43
25	Siakap		—	—	2	—	—	2
31	Lidah		—	—	910	—	—	910
	Sebelah		—	—	37	—	—	37
33	Bayan		—	—	—	—	—	—
	Biji Nangka		—	—	738	—	—	738
	Daun Baharu		—	—	8	—	—	8
	Delah		—	—	21	—	—	21
	Duri/Pulutan/Utik		—	—	922	—	—	922
	Dengkis/Debam		—	—	—	—	—	—
	Gelama/Tengkerong		—	—	5,991	—	—	5,991
	Gerut-Gerut		—	—	345	—	—	345
	Jenahak		—	—	70	—	—	70
	Kaci		—	—	—	—	—	—
	Kerapu		—	—	268	—	—	268
	Kerisi		—	—	1,647	—	—	1,647
	Kerisi Bali		—	—	—	—	—	—
	Kikek		—	—	394	—	—	394
	Malong		—	—	728	—	—	728
	Merah		—	—	73	—	—	73
	Mengkerong/Conor/Ubi2		—	—	500	—	—	500
	Remong/Kunyit-kunyit		—	—	—	—	—	—
	Semilang		—	—	63	—	—	63
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		—	—	—	—	—	—
	Pasir-Pasir		—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		—	—	208	—	—	208
	Aruan Tasik		—	—	—	—	—	—
	Bawal		—	—	1,461	—	—	1,461
	Belanak/Kedera		—	—	214	—	—	214
	Cermin/Sagai/Cupak		—	—	49	—	—	49
	Cincaru		—	—	212	—	—	212
	Demudok/Rambai		—	—	58	—	—	58
	Kurau/Senangin/Senohong		—	—	76	—	—	76
	Pelata/Selar		—	—	220	—	—	220
	Selar Kuning/Lolong		—	—	—	—	—	—
	Selayang/Curut		—	—	30	—	—	30
	Pisang-Pisang		—	—	3	—	—	3
	Talang		—	—	—	—	—	—
35	Bilis		—	—	—	—	—	—
	Parang-Parang		—	—	548	—	—	548
	Tamban		—	—	787	—	—	787
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	—	1	—	—	1
	Layaran/Mersuji		—	—	—	—	—	—
37	Kembong/Temenong		—	—	726	—	—	726
	Tenggiri		—	—	350	—	—	350
	Timah/Layor/Selayor		—	—	1,254	—	—	1,254
38	Pari		—	—	441	—	—	441
	Yu		—	—	448	—	—	448
39	Ikan Baja		—	—	39,777	—	—	39,777
	Ikan Campur		—	—	2,431	—	—	2,431
	Jebong		—	—	—	—	—	—
42	Ketam		—	—	1,555	—	—	1,555
45	Udang Besar		—	—	850	—	—	850
	Udang Sedang		—	—	5,019	—	—	5,019
	Udang Kecil		—	—	10,769	—	—	10,769
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—
57	Sotong Kereta		—	—	243	—	—	243
	Sotong Katak		—	—	2,179	—	—	2,179
	Sotong Biasa		—	—	6,529	—	—	6,529
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total):—			—	—	89,415	—	—	89,415

PERAK

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (d)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	1,098	1,280	—	—	2,378
	Puput/Beliat Mata		—	189	269	—	—	458
25	Siakap		—	—	4	—	—	4
31	Lidah		—	515	442	—	—	957
	Sebelah		—	758	1,021	—	—	1,779
33	Bayan		—	—	—	—	—	—
	Biji Nangka		—	841	4,101	—	—	4,942
	Daun Baharu		—	59	506	—	—	565
	Delah		—	—	132	—	—	132
	Duri/Pulutan/Utik		—	2,094	3,215	—	—	5,309
	Dengkis/Debam		—	—	—	—	—	—
	Gelama/Tengkerong	543	—	7,208	7,253	—	—	15,004
	Gerut-Gerut	—	—	1,340	3,219	—	—	4,559
	Jenahak	—	—	604	1,363	—	—	1,967
	Kaci	—	—	803	1,311	—	—	2,114
	Kerapu	—	—	2,764	6,741	—	—	9,505
	Kerisi	—	—	13,559	40,459	—	—	54,018
	Kerisi Bali	—	—	—	347	—	—	347
	Kikek	—	—	1,022	3,457	—	—	4,479
	Malong	2	—	738	1,470	—	—	2,210
	Merah	—	—	2,107	9,661	—	—	11,768
	Mengkerong/Conor/Ubi2	—	—	4,025	9,175	—	—	13,200
	Remong/Kunyit-kunyit	—	—	234	1,128	—	—	1,362
	Semilang	—	—	946	982	—	—	1,928
	Shrumbu/Lemah	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	99	213	—	—	312
	Pasir-Pasir	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang	—	—	3,569	7,989	—	—	11,558
	Aruan Tasik	—	—	40	80	—	—	120
	Bawal	144	—	1,807	3,505	—	—	5,456
	Belanak/Kedera	7	—	180	128	—	—	315
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—
	Cincaru	—	—	1,804	2,706	—	—	4,510
	Demudok/Rambai	—	—	1,524	6,911	—	—	8,435
	Kurau/Senangin/Senohong	35	—	66	159	—	—	260
	Pelata/Selar	—	—	434	2,550	—	—	2,984
	Selar Kuning/Lolong	—	—	1,878	10,861	—	—	12,739
	Selayang/Curut	—	—	502	6,901	—	—	7,403
	Pisang-Pisang	—	—	—	—	—	—	—
	Talang	—	—	2	17	—	—	19
35	Bilis	—	—	—	—	—	—	—
	Parang-Parang	2	—	2,280	2,365	—	—	4,647
	Tamban	—	—	45	415	—	—	460
	Terubok	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	15	—	—	15
	Layaran/Mersuji	—	—	164	541	—	—	705
37	Kembong/Temenong	—	—	3,019	9,398	—	—	12,417
	Tenggiri	—	—	1,089	2,049	—	—	3,138
	Timah/Layor/Selayor	—	—	2,378	7,002	—	—	9,380
38	Pari	—	—	2,512	4,763	—	—	7,275
	Yu	—	—	1,149	2,277	—	—	3,426
39	Ikan Baja	62,514	—	149,814	400,474	—	—	612,802
	Ikam Campur	3,133	—	4,370	6,579	—	—	14,082
	Jebong	—	—	103	983	—	—	1,086
42	Ketam	1,298	—	1,543	1,404	—	—	4,245
45	Udang Besar	4,003	—	3,019	813	—	—	7,835
	Udang Sedang	37,343	—	23,613	434	—	—	61,390
	Udang Kecil	68,319	—	33,162	413	—	—	101,894
	Udang Baring	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	1,525	394	—	—	1,919
	Sotong Katak	12	—	6,850	13,039	—	—	19,901
	Sotong Biasa	1,199	—	12,229	29,235	—	—	42,663
76	Ubur-ubur	—	—	—	—	—	—	—
Jumlah (Total):—			178,554	301,673	622,149	—	—	1,102,376

SELANGOR
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (e)

ISSCAAP GROUP NO	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tons & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		4	11	—	—	—	15
	Puput/Beliat Mata		59	2,307	737	43	—	3,146
25	Siakap		31	18	—	—	—	49
31	Lidah		8,131	12,790	5,165	1,775	—	27,861
	Sebelah		37	77	58	—	—	172
33	Bayan		—	—	—	—	—	—
	Biji Nangka		142	602	2,039	297	—	3,080
	Daun Baharu		85	124	—	—	—	209
	Delah		—	—	—	—	—	—
	Duri/Pulutan/Utik		2,308	4,698	1,768	25	—	8,799
	Dengkis/Debam		—	—	—	—	—	—
	Gelama/Tengkerong		4,991	10,638	8,221	760	—	24,610
	Gerut-Gerut		1,256	3,130	3,038	793	—	8,217
	Jenahak		—	27	549	110	—	686
	Kaci		—	—	—	—	—	—
	Kerapu		778	1,983	1,921	482	—	5,164
	Kerisi		32	1,099	5,994	1,516	—	8,641
	Kerisi Bali		—	—	—	—	—	—
	Kikek		—	84	84	—	—	168
	Malong		2,038	9,655	4,408	517	—	16,618
	Merah		—	1,443	5,713	628	—	7,784
	Mengkerong/Conor/Ubi2		—	1,120	7,639	532	—	9,291
	Remong/Kunyit-kunyit		—	—	—	—	—	—
	Semilang		88	85	4	—	—	177
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		—	—	—	—	—	—
	Pasir-Pasir		—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		—	710	1,374	364	—	2,448
	Aruan Tasik		—	124	899	141	—	1,164
	Bawal		1,093	3,793	5,294	366	—	10,546
	Belanak/Kedera		96	744	630	—	—	1,470
	Cermin/Sagai/Cupak		—	235	1,851	259	—	2,345
	Cincaru		3,020	6,034	7,273	993	—	17,320
	Demudok/Rambai		—	—	—	—	—	—
	Kurau/Senangin/Senohong		224	639	437	73	—	1,373
	Pelata/Selar		46	830	7,544	934	—	9,354
	Selar Kuning/Lolong		47	597	1,780	388	—	2,812
	Selayang/Curut		—	—	—	—	—	—
	Pisang-Pisang		—	—	78	19	—	97
	Talang		—	—	—	—	—	—
35	Bilis		3,058	9,306	—	—	—	12,364
	Parang-Parang		1,073	4,606	3,658	307	—	9,644
	Tamban		—	821	1,183	207	—	2,211
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	24	72	53	—	149
	Layaran/Mersuji		—	—	—	—	—	—
37	Kembong/Temenong		13	4,309	11,560	1,325	—	17,207
	Tenggiri		35	622	3,000	526	—	4,183
	Timah/Layor/Selayor		69	714	3,108	482	—	4,373
38	Pari		2,048	8,552	5,135	500	—	16,235
	Yu		3,560	8,453	3,886	262	—	16,161
39	Ikan Baja		96,591	202,883	188,887	19,570	—	507,931
	Ikam Campur		2,693	11,215	119	—	—	14,027
	Jebong		—	—	—	—	—	—
42	Ketam		5,121	10,578	2,289	87	—	18,075
45	Udang Besar		18,265	14,766	832	69	—	33,932
	Udang Sedang		39,945	64,201	4,517	222	—	108,885
	Udang Kecil		54,440	55,373	4,411	—	—	114,224
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—
57	Sotong Kereta		—	—	—	—	—	—
	Sotong Katak		1,482	2,280	8,169	1,400	—	13,331
	Sotong Biasa		3,689	6,516	14,008	1,954	—	26,167
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total):—			256,588	468,816	329,332	37,979	—	1,092,715

JOHOR BARAT (WEST JOHORE)

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (f)

ISSCAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		10	27	4	—	—	41
	Puput/Beliat Mata		1,466	1,895	76	—	—	3,437
25	Siakap		—	1	—	—	—	1
31	Lidah		188	108	3	—	—	299
	Sebelah		—	1	—	—	—	1
33	Bayan		—	—	—	—	—	—
	Biji Nangka		80	517	85	—	—	682
	Daun Baharu		36	26	2	—	—	64
	Delah		—	—	—	—	—	—
	Duri/Pulutan/Utik		254	2,341	13	—	—	2,608
	Dengkis/Debam		—	—	—	—	—	—
	Gelama/Tengkerong		4,110	3,735	177	—	—	8,022
	Gerut-Gerut		1	12	1	—	—	14
	Jenahak		13	43	8	—	—	64
	Kaci		—	—	—	—	—	—
	Kerapu		3	20	5	—	—	28
	Kerisi		306	359	143	—	—	808
	Kerisi Bali		—	—	—	—	—	—
	Kikek		—	—	—	—	—	—
	Malong		1,959	1,755	42	—	—	3,756
	Merah		7	113	24	—	—	144
	Mengkerong/Conor/Ubi2		61	269	79	—	—	409
	Remong/Kunyit-kunyit		—	—	—	—	—	—
	Semilang		—	—	1	—	—	1
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		—	—	—	—	—	—
	Pasir-Pasir		—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		95	74	1	—	—	170
	Aruan Tasik		17	4	1	—	—	22
	Bawal		1,883	2,264	30	—	—	4,177
	Belanak/Kedera		2	1	—	—	—	3
	Cermin/Sagai/Cupak		93	254	67	—	—	414
	Cincaru		429	539	19	—	—	987
	Demudok/Rambai		3	2	—	—	—	5
	Kurau/Senangin/Senohong		241	288	37	—	—	566
	Pelata/Selar		250	475	50	—	—	775
	Selar Kuning/Lolong		102	331	142	—	—	575
	Selayang/Curut		—	—	—	—	—	—
	Pisang-Pisang		—	—	—	—	—	—
	Talang		—	6	7	—	—	13
35	Billis		1,144	917	11	—	—	2,072
	Parang-Parang		985	1,234	41	—	—	2,260
	Tamban		671	913	18	—	—	1,602
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	—	—	—	—	—
	Layaran/Mersuji		—	2	—	—	—	2
37	Kembong/Temenong		7	—	—	—	—	7
	Tenggiri		330	378	33	—	—	741
	Timah/Layor/Selayor		681	213	9	—	—	903
38	Pari		1,494	2,460	160	—	—	4,114
	Yu		190	158	25	—	—	373
39	Ikan Baja		40,819	30,726	2,012	—	—	73,557
	Ikam Campur		5,452	5,263	148	—	—	10,863
	Jebong		36	11	3	—	—	50
42	Ketam		56	30	2	—	—	88
45	Udang Besar		518	439	21	—	—	978
	Udang Sedang		1,590	1,260	44	—	—	2,894
	Udang Kecil		19,797	16,041	623	—	—	36,461
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—
57	Sotong Kereta		—	—	—	—	—	—
	Sotong Katak		1,510	1,587	67	—	—	3,164
	Sotong Biasa		1,798	2,030	257	—	—	4,085
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total):—			88,687	79,122	4,491	—	—	172,300

KELANTAN
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (g)

ISSCAAP GROUP NO	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	—	—	—	—	—
	Puput/Beliat Mata		—	—	—	—	—	—
25	Siakap		—	—	—	—	—	—
31	Lidah		—	—	—	—	—	—
	Sebelah		—	2	66	—	—	68
33	Bayan		—	—	—	—	—	—
	Biji Nangka		261	557	670	90	—	1,578
	Daun Baharu		—	—	—	—	—	—
	Delah		—	—	—	—	—	—
	Duri/Pulutan/Utik		66	98	217	15	—	396
	Dengkis/Debam		—	—	—	—	—	—
	Gelama/Tengkerong		293	407	555	60	—	1,315
	Gerut-Gerut		39	9	78	—	—	126
	Jenahak		—	—	—	—	—	—
	Kaci		—	—	—	—	—	—
	Kerapu		—	9	39	10	—	58
	Kerisi		213	368	512	45	—	1,138
	Kerisi Bali		—	—	—	—	—	—
	Kikek		128	344	595	80	—	1,147
	Malong		34	29	111	—	—	174
	Merah		—	—	5	—	—	5
	Mengkerong/Conor/Ubi2		—	—	—	—	—	—
	Remong/Kunyit-kunyit		139	291	240	40	—	710
	Semilang		—	—	—	—	—	—
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		92	53	97	—	—	242
	Pasir-Pasir		—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		61	174	155	15	—	405
	Aruan Tasik		—	—	—	—	—	—
	Bawal		124	227	232	100	—	683
	Belanak/Kedera		—	—	—	—	—	—
	Cermin/Sagai/Cupak		62	168	241	25	—	496
	Cincaru		—	—	—	—	—	—
	Demudok/Rambai		27	91	180	20	—	318
	Kurau/Senangin/Senohong		—	—	—	—	—	—
	Pelata/Selar		58	135	181	15	—	389
	Selar Kuning/Lolong		165	360	500	80	—	1,105
	Selayang/Curut		—	—	—	—	—	—
	Pisang-Pisang		—	—	—	—	—	—
	Talang		—	—	—	—	—	—
35	Bilis		—	—	—	—	—	—
	Parang-Parang		188	111	99	15	—	413
	Tamban		—	—	—	—	—	—
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	—	—	—	—	—
	Layaran/Mersuji		17	35	—	—	—	52
37	Kembong/Temenong		—	—	—	—	—	—
	Tenggiri		75	152	119	15	—	361
	Timah/Layor/Selayor		359	95	214	10	—	678
38	Pari		56	101	188	15	—	360
	Yu		58	140	246	15	—	459
39	Ikan Baja		2,000	1,747	2,015	115	—	5,877
	Ikam Campur		707	680	955	40	—	2,382
	Jebong		—	—	—	—	—	—
42	Ketam		295	77	169	20	—	561
45	Udang Besar		412	130	115	15	—	672
	Udang Sedang		1,204	154	116	20	—	1,494
	Udang Kecil		122	198	68	15	—	403
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—
57	Sotong Kereta		—	—	—	—	—	—
	Sotong Katak		256	232	234	50	—	772
	Sotong Biasa		658	720	715	150	—	2,243
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total):—			8,169	7,894	9,927	1,090	—	27,080

TRENGGANU

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1979
(Landings by Trawlers by Tonnage and Type of Fish - 1979)

Jadual (Table) 2.3 (h)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 - 9.9 Tons	10 - 24.9 Tons	25 - 49.9 Tons	50 - 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		32	-	-	-	-	32
25	Puput/Beliat Mata		-	-	-	-	-	-
31	Siakap		433	495	50	-	-	978
33	Lidah		651	677	231	25	-	1,584
	Sebelah		152	260	-	-	-	412
	Bayan		2,994	6,094	2,585	189	-	11,862
	Biji Nangka		797	869	255	-	-	1,921
	Daun Baharu		186	255	60	-	-	501
	Delah		1,310	1,105	156	35	-	2,606
	Duri/Pulutan/Utik		286	403	233	34	-	956
	Dengkis/Debam		1,238	1,362	373	62	-	3,035
	Gelama/Tengkerong		516	751	442	5	-	1,714
	Gerut-Gerut		131	155	15	-	-	301
	Jenahak		21	54	30	-	-	105
	Kaci		623	1,023	594	49	-	2,289
	Kerapu		3,664	8,752	14,061	2,060	-	28,537
	Kerisi		-	-	-	-	-	-
	Kerisi Bali		1,398	1,146	238	31	-	2,813
	Kikek		76	117	-	-	-	193
	Malong		305	361	1,170	-	-	1,836
	Merah		274	219	-	-	-	493
	Mengkerong/Conor/Ubi2		157	168	51	-	-	376
	Remong/Kunyit-kunyit		-	-	-	-	-	-
	Semilang		-	-	-	-	-	-
	Shrumbu/Lemah		-	-	-	-	-	-
	Puntong Damar/Bulus		1,202	3,734	6,225	795	-	11,956
	Pasir-Pasir		14	-	-	-	-	14
34	Alu-Alu/Kacang-Kacang		393	447	9	-	-	849
	Aruan Tasik		161	316	-	-	-	477
	Bawal		-	-	-	-	-	-
	Belanak/Kedera		-	-	-	-	-	-
	Cermin/Sagai/Cupak		1,087	1,499	907	-	-	3,493
	Cincaru		-	-	-	-	-	-
	Demudok/Rambai		86	123	6	-	-	215
	Kurau/Senangin/Senohong		-	-	-	-	-	-
	Pelata/Setar		-	-	-	-	-	-
	Selar Kuning/Lolong		-	-	-	-	-	-
	Selayang/Curut		-	-	-	-	-	-
	Pisang-Pisang		176	264	121	-	-	561
	Talang		-	-	-	-	-	-
35	Bilis		-	-	-	-	-	-
	Parang-Parang		3	5	3	-	-	11
	Tamban		-	-	-	-	-	-
	Terubok		-	-	-	-	-	-
	Bulan-Bulan		50	92	-	-	-	142
36	Aya/Kayu/Tongkol		-	-	-	-	-	-
	Layaran/Mersuji		14	20	-	-	-	34
37	Kembong/Temenong		-	-	-	-	-	-
	Tenggiri		-	-	-	-	-	-
	Timah/Layor/Selayor		653	673	25	-	-	1,351
38	Pari		644	1,275	715	105	-	2,739
	Yu		413	532	279	68	-	1,292
39	Ikan Baja		75,549	75,350	13,040	275	-	164,214
	Ikam Campur		4,608	3,916	972	115	-	9,611
	Jebong		-	-	-	-	-	-
42	Ketam		363	145	-	-	-	508
45	Udang Besar		769	660	215	45	-	1,689
	Udang Sedang		1,793	2,038	512	98	-	4,441
	Udang Kecil		2,303	2,961	658	100	-	6,022
	Udang Baring		-	-	-	-	-	-
56	Kerang		-	-	-	-	-	-
	Siput/Kepah		-	-	-	-	-	-
57	Sotong Kereta		27	60	-	-	-	87
	Sotong Katak		843	1,003	1,847	200	-	3,893
	Sotong Biasa		1,101	1,426	1,330	125	-	3,982
76	Ubur-ubur		-	-	-	-	-	-
Jumlah (Total):—			107,496	120,805	47,408	4,416	-	280,125

PAHANG
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (i)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	126	480	—	—	606
	Puput/Beliat Mata		—	—	—	—	—	—
25	Siakap		—	—	—	—	—	—
31	Lidah		—	27	64	10	—	101
	Sebelah	17	28	83	—	—	—	128
33	Bayan	—	—	4	—	—	—	4
	Biji Nangka	145	275	531	9	—	—	960
	Daun Baharu	6	12	12	—	—	—	30
	Delah	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	265	1,040	18	—	—	1,323
	Dengkis/Debam	—	94	382	3	—	—	479
	Gelama/Tengkerong	234	697	1,573	48	—	—	2,552
	Gerut-Gerut	—	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—	—
	Kaci	—	—	—	40	—	—	40
	Kerapu	8	16	14	61	—	—	99
	Kerisi	478	824	1,630	212	—	—	3,144
	Kerisi Bali	—	—	—	—	—	—	—
	Kikek	10	38	115	10	—	—	173
	Malong	—	—	—	—	—	—	—
	Merah	—	—	—	37	—	—	37
	Mengkerong/Conor/Ubi2	46	279	771	21	—	—	1,117
	Remong/Kunyit-kunyit	—	—	—	20	—	—	20
	Semilang	—	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—	—
	Puntong Damar/Bulus	95	188	713	—	—	—	996
	Pasir-Pasir	—	229	852	—	—	—	1,081
34	Alu-Alu/Kacang-Kacang	35	78	132	7	—	—	252
	Aruan Tasik	—	58	174	6	—	—	238
	Bawal	22	65	333	18	—	—	438
	Belanak/Kedera	28	56	—	—	—	—	84
	Cermin/Sagai/Cupak	28	52	142	33	—	—	255
	Cincaru	9	19	16	24	—	—	68
	Demudok/Rambai	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	6	97	1	—	—	104
	Pelata/Selar	5	46	180	53	—	—	284
	Selar Kuning/Lolong	57	98	985	74	—	—	1,214
	Selayang/Curut	—	—	—	—	—	—	—
	Pisang-Pisang	—	79	370	13	—	—	462
	Talang	—	—	—	—	—	—	—
35	Billis	21	33	100	—	—	—	154
	Parang-Parang	22	49	264	16	—	—	351
	Tamban	13	27	—	—	—	—	40
	Terubok	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	1	—	—	1
	Tenggiri	—	—	—	6	—	—	6
	Timah/Layor/Selayor	—	66	149	11	—	—	226
38	Pari	291	833	2,009	89	—	—	3,222
	Yu	86	226	837	31	—	—	1,180
39	Ikan Baja	31,480	26,593	63,306	1,523	—	—	122,902
	Ikam Campur	1,973	1,237	4,594	68	—	—	7,872
	Jebong	—	—	—	45	—	—	45
42	Ketam	695	1,060	1,817	16	—	—	3,588
45	Udang Besar	243	315	898	1	—	—	1,457
	Udang Sedang	2,067	4,202	2,413	42	—	—	8,724
	Udang Kecil	1,520	153	339	17	—	—	2,029
	Udang Baring	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—
	Sotong Katak	175	104	46	6	—	—	331
	Sotong Biasa	1,103	1,198	3,101	100	—	—	5,502
76	Ubur-ubur	—	—	—	—	—	—	—
Jumlah (Total):—			40,912	39,751	90,566	2,690	—	173,919

JOHOR TIMUR (EAST JOHORE)

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN – 1979
(Landings by Trawlers by Tonnage and Type of Fish – 1979)

Jadual (Table) 2.3 (i)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 – 9.9 Tons	10 – 24.9 Tons	25 – 49.9 Tons	50 – 99.9 Tons	100 Tons & lebih (100 Tan & above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		26	395	703	61	—	1,185
	Puput/Beliat Mata		7	109	192	83	—	391
25	Siakap		—	—	—	—	—	—
31	Lidah		4	23	34	4	—	65
	Sebelah		16	86	199	29	—	330
33	Bayan		—	—	—	—	—	—
	Biji Nangka		5	653	2,307	240	—	3,205
	Daun Baharu		16	69	159	15	—	259
	Delah		—	—	—	—	—	—
	Duri/Pulutan/Utik		7	436	822	164	—	1,429
	Dengkis/Debam		9	507	2,161	513	—	3,190
	Gelama/Tengkerong		232	2,305	5,312	1,082	—	8,931
	Gerut-Gerut		—	2	2	—	—	4
	Jenahak		—	—	8	—	—	8
	Kaci		20	161	694	174	—	1,049
	Kerapu		15	78	190	40	—	323
	Kerisi		44	4,511	19,482	3,560	—	27,597
	Kerisi Bali		—	—	—	—	—	—
	Kikek		44	723	1,872	412	—	3,051
	Malong		—	—	1	—	—	1
	Merah		—	198	1,269	253	—	1,720
	Mengkerong/Conor/Ubi2		4	265	318	51	—	638
	Remong/Kunyit-kunyit		3	176	450	48	—	677
	Semilang		—	—	5	—	—	5
	Shrumbu/Lemah		—	—	—	—	—	—
	Puntong Damar/Bulus		24	456	1,418	240	—	2,138
	Pasir-Pasir		2	1,342	4,015	833	—	6,192
34	Alu-Alu/Kacang-Kacang		6	358	1,524	272	—	2,160
	Aruan Tasik		—	6	30	2	—	38
	Bawal		12	131	134	30	—	307
	Belanak/Kedera		—	—	—	—	—	—
	Cermin/Sagai/Cupak		—	138	790	182	—	1,110
	Cincaru		—	13	286	41	—	340
	Demudok/Rambai		—	—	26	2	—	28
	Kurau/Senangin/Senohong		1	1	9	1	—	12
	Pelata/Selar		—	5	136	38	—	179
	Selar Kuning/Lolong		23	4,402	20,259	4,622	—	29,306
	Selayang/Curut		—	—	52	7	—	59
	Pisang-Pisang		—	51	164	43	—	258
	Talang		—	—	—	—	—	—
35	Bitis		1	78	715	173	—	967
	Parang-Parang		—	96	332	57	—	485
	Tamban		—	53	134	18	—	205
	Terubok		—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	—	—	—	—	—
	Layaran/Mersuji		—	—	—	—	—	—
37	Kembong/Temenong		—	18	420	118	—	556
	Tenggiri		—	167	724	123	—	1,014
	Timah/Layor/Selayor		6	135	292	87	—	520
38	Pari		41	943	2,030	183	—	3,197
	Yu		59	337	605	67	—	1,068
39	Ikan Baja		1,964	36,123	85,711	17,669	—	141,467
	Ikan Campur		107	805	982	261	—	2,155
	Jebong		—	106	555	66	—	727
42	Ketam		286	870	2,031	425	—	3,612
45	Udang Besar		271	827	1,663	412	—	3,173
	Udang Sedang		671	1,162	1,760	224	—	3,817
	Udang Kecil		2,093	6,121	7,626	1,149	—	16,989
	Udang Baring		—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—
57	Sotong Kereta		—	—	—	—	—	—
	Sotong Katak		186	1,219	2,023	301	—	3,729
	Sotong Biasa		9	3,206	17,335	2,624	—	23,174
76	Ubur-ubur		—	—	—	—	—	—
Jumlah (Total):—			6,214	69,866	189,961	36,999	—	303,040

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA BORONG PURATA IKAN BASAH DI PASAR BAGI TIAP-TIAP SEKATI MENGIKUT BULAN – 1979
(Monthly Average Wholesale Market Prices of Fresh Fish – 1979)
(Harga dalam \$/Kati – Prices at \$/Katty)

Jadual (Table) 3.1

Jenis-Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (August)	Sept. (Sept.)	Okt. (Oct.)	Nob. (Nov.)	Dis. (Dec.)	Purata 1979 (Average 1979)
Bawal Putih	6.06	5.63	4.39	4.64	4.69	4.72	5.00	4.85	4.93	4.82	4.90	5.10	4.98
Bawal Hitam	2.82	2.44	2.27	2.16	2.14	2.23	2.38	2.47	2.24	2.37	2.36	2.54	2.37
Kerapu	2.70	2.60	2.79	2.72	2.61	2.52	2.65	2.85	2.78	2.80	2.86	2.88	2.73
Tenggiri	2.28	2.14	2.11	2.08	2.07	2.08	2.21	2.12	2.25	2.19	2.25	2.40	2.18
Merah	1.80	1.70	1.69	1.64	1.60	1.58	1.55	1.70	1.59	1.60	1.75	1.74	1.66
Jenahak	2.24	2.12	2.05	1.95	2.02	1.95	2.28	2.18	2.02	2.03	2.13	2.19	2.10
Kaci	0.60	0.60	0.70	0.81	0.85	1.50	0.76	0.75	0.65	0.49	0.69	1.10	0.79
Cermin	1.30	1.27	1.22	1.06	1.13	0.79	1.00	1.03	1.21	1.12	1.04	1.11	1.11
Gelama	0.55	0.50	0.48	0.46	0.45	0.43	0.48	0.43	0.40	0.37	0.40	0.44	0.45
Kembong	1.12	1.05	0.93	0.88	0.89	0.88	0.95	0.92	0.87	0.82	0.88	0.97	0.93
Kerisi	0.83	0.68	0.81	0.76	0.70	0.70	0.64	0.57	0.56	0.61	0.71	0.75	0.69
Selayang	0.48	0.48	0.28	0.27	0.25	0.24	0.32	0.27	0.27	0.27	0.31	0.45	0.32
Tamban	0.38	0.29	0.31	0.31	0.25	0.27	0.28	0.29	0.29	0.30	0.33	0.38	0.31
Selar/Pelata	1.04	0.94	0.89	0.77	0.77	0.76	0.83	0.84	0.83	0.83	0.85	0.93	0.86
Sotong	0.90	0.91	0.93	0.92	0.93	0.91	0.98	0.91	0.91	0.88	0.90	0.90	0.92
Aya/Tongkol	0.68	0.67	0.59	0.55	0.58	0.55	0.65	0.56	0.58	0.60	0.68	0.73	0.62
Udang Besar	8.84	8.62	8.35	8.51	8.17	8.44	8.79	8.45	8.90	8.81	8.72	8.27	8.57
Udang Sedang	4.72	5.05	4.89	4.81	4.49	3.68	3.81	4.13	4.21	4.46	4.39	4.18	4.40
Udang Kecil	2.30	2.10	2.06	1.72	1.74	1.54	1.39	1.28	1.91	1.59	1.67	1.88	1.77

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA RUNCIT PURATA IKAN BASAH DI PASAR BAGI TIAP-TIAP SEKATI MENGIKUT BULAN – 1979
 (Monthly Average Retail Market Prices of Fresh Fish – 1979)
 (Harga dalam \$/kati – Prices at \$/Katty)

Jadual (Table) 3.2

Jenis-Jenis Ikan (Type of fish)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	Aprl (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (August)	Sept. (Sept.)	Okt. (Oct.)	Nob. (Nov.)	Dis. (Dec.)	Purata 1979 (Average 1979)
Bawal Putih	7.29	5.62	5.11	5.40	5.30	5.15	5.43	5.30	5.38	5.38	5.46	5.59	5.53
Bawal Hitam	3.09	2.88	2.62	2.85	2.49	2.54	2.73	2.82	2.65	2.75	2.83	2.94	2.77
Kerapu	3.10	3.01	3.28	3.24	2.94	2.81	3.02	3.35	3.15	3.16	3.28	3.31	3.14
Tenggiri	2.61	2.56	2.58	2.42	2.43	2.48	2.60	2.50	2.60	2.57	2.67	2.82	2.57
Merah	2.23	1.98	1.93	2.00	1.88	1.82	1.92	1.99	1.97	1.91	2.06	2.08	1.98
Jenahak	2.54	2.45	2.36	2.31	2.36	2.22	2.56	2.50	2.30	2.38	2.49	2.53	2.42
Kaci	0.78	0.85	0.89	1.05	1.02	1.71	0.96	0.87	0.82	0.74	0.91	1.36	1.00
Cermin	1.59	1.55	1.53	1.56	1.39	1.04	1.24	1.36	1.50	1.54	1.43	1.48	1.43
Gelama	0.78	0.62	0.63	0.63	0.66	0.55	0.63	0.62	0.58	0.57	0.62	0.64	0.63
Kembong	1.41	1.36	1.21	1.14	1.16	1.12	1.29	1.19	1.12	1.11	1.20	1.29	1.22
Kerisi	1.06	0.88	1.04	1.07	0.96	0.95	0.92	0.82	0.76	0.83	0.94	1.02	0.94
Selayang	0.65	0.61	0.42	0.43	0.39	0.36	0.52	0.45	0.40	0.46	0.44	0.76	0.49
Tamban	0.59	0.46	0.41	0.46	0.38	0.39	0.44	0.43	0.41	0.44	0.49	0.61	0.46
Selar/Pelata	1.29	1.19	1.05	1.05	0.96	1.02	1.06	1.07	1.04	1.08	1.13	1.26	1.10
Sotong	1.20	1.19	1.20	1.20	1.21	1.18	1.23	1.22	1.18	1.16	1.14	1.17	1.19
Ayal/Tongkol	0.94	0.92	0.81	0.77	0.80	0.75	0.85	0.77	0.85	0.87	0.93	1.01	0.86
Udang Besar	10.14	9.88	9.56	10.05	9.36	9.74	9.97	10.14	10.74	10.33	10.03	10.20	10.01
Udang Sedang	5.39	6.14	5.83	5.57	5.26	4.21	4.37	4.81	4.87	5.07	5.05	4.89	5.12
Udang Kecil	2.78	2.58	2.46	2.15	2.22	1.83	1.62	1.60	2.34	1.94	2.03	2.35	2.16

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)

NILAI HARGA BORONG PASARAN IKAN LAUT – 1979

(Wholesale Market Values of Marine Fish – 1979)

Jadual (Table) 3.3

Negeri (State)	GRADE I		GRADE II		GRADE III		PRAWN BIG		PRAWN MEDIUM		PRAWN SMALL		MANURE FISH		SHELLFISH		JUMLAH (TOTAL)	
	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$
Perlis	5,388	1,654,116	205	29,110	134,258	8,592,512	6,139	5,261,123	16,294	7,169,360	17,181	3,041,037	121,285	1,238,320	—	—	300,750	26,985,578
Kedah	505,044	155,048,508	5,040	715,680	348,003	22,272,192	6,067	5,199,419	14,611	6,428,840	48,962	8,666,274	496,876	5,073,104	274	11,234	1,424,877	203,415,251
P. Pinang	20,844	6,399,108	4,725	670,950	227,535	14,562,240	10,112	8,665,984	18,943	8,334,920	22,660	4,010,820	94,783	967,735	69,004	2,829,164	468,606	46,440,921
Perak	188,748	57,945,636	77,686	11,031,412	868,929	55,611,456	29,084	24,924,988	146,336	64,387,840	208,174	36,846,798	682,117	6,964,415	933,649	38,279,609	3,134,723	295,992,154
Selangor	72,383	22,221,581	16,569	2,352,798	424,696	27,180,544	46,690	40,013,330	153,535	67,555,400	130,710	23,135,670	557,754	5,694,668	63,164	2,589,724	1,465,501	190,743,715
Negeri Sembilan	1,937	594,659	996	141,432	3,835	245,440	—	—	488	214,720	—	—	—	—	—	—	7,256	1,196,251
Melaka	15,503	4,759,421	2,165	307,430	17,453	1,116,992	390	334,230	660	290,400	736	130,272	1,197	12,221	1,710	70,110	39,814	7,021,076
Kelantan	9,061	2,781,727	3,646	517,732	232,355	14,870,720	1,387	1,188,659	1,940	853,600	902	159,654	5,877	24,507	—	—	255,168	20,396,599
Trengganu	88,632	27,210,024	42,895	6,091,090	774,774	49,585,536	2,026	1,736,282	4,559	2,005,960	6,595	1,167,315	164,614	686,440	—	—	1,084,095	88,482,647
Pahang	18,229	5,596,303	3,616	513,472	116,484	7,454,976	1,472	1,261,504	9,131	4,017,640	2,075	367,275	123,626	515,521	—	—	274,633	19,726,691
Johor Timur (East)	24,563	7,540,841	7,740	1,099,080	461,170	29,514,880	5,011	4,294,427	4,344	1,911,360	22,380	3,961,260	151,252	630,721	—	—	676,460	48,952,569
Johor Barat (West)	36,082	11,077,174	9,441	1,340,622	112,791	7,218,624	7,265	6,226,105	8,619	3,792,360	43,348	7,672,596	87,625	894,651	—	—	305,171	38,222,132
JUMLAH (TOTAL)	986,414	302,829,098	174,724	24,810,808	3,722,283	238,226,112	115,643	99,106,051	379,460	166,962,400	503,723	89,158,971	2,487,006	22,702,303	1,067,801	43,779,841	9,437,054	987,575,584

- Notes: (1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Tenggiri, Parang, Ikan Bilis dan Kerapu.
Grade II Includes Jenahak, Terubuk, Puput-Puput, Merah, Kaci, Cermin dan Demudok.
Grade III Includes Merah, Alu-Alu, Cincaru, Selar, Dengkis, Gerut-Gerut, Lidah, Pelata, Remong, Sotong, Ketam, Aya/Tongkol, Aruan Tasek, Bayan, Belanak, Biji Nangka, Daun Baharu, Duri, Gelama, Jebong, Kembong, Kerisi, Kikek, Malong, Pari, Selangat, Selar Kuning, Selayang, Semilang, Talang, Tamban, Yu, Udang Baring etc.
- (2) Grade I Price at \$3.07 per katty is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.
Grade Price at \$1.42 per katty is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.
Grade III Price at \$0.64 per katty is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.
- (3) Price per katty of Prawn big, Prawn medium and Prawn small are calculated at \$8.57, \$4.40, \$1.77 respectively.
- (4) Prices of Manure Fish are estimated at \$10.21 per picul (West Coast) and \$4.17 per picul (East Coast).
- (5) Prices of Shellfish are estimated at \$0.41 per katty.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI HARGA RUNCIT PASARAN IKAN LAUT – 1979
(Retail Market Values of Marine Fish – 1979)

Jadual (Table) 3.4

Negeri (State)	GRADE I		GRADE II		GRADE III		PRAWN BIG		PRAWN MEDIUM		PRAWN SMALL		MANURE FISH		SHELLFISH		JUMLAH (TOTAL)	
	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$
Perlis	5,388	1,885,800	205	35,055	134,258	11,546,188	6,139	6,145,139	16,294	8,342,528	17,181	3,711,096	121,285	1,622,793	—	—	300,750	33 288 599
Kedah	505,044	176,765,400	5,040	861,840	348,003	29,928,258	6,067	6,073,067	14,611	7,480,832	48,962	10,575,792	496,876	6,648,201	274	15,892	1,424,877	238,349,282
P. Pinang	20,844	7,295,400	4,725	807,975	227,535	19,568,010	10,112	10,122,112	18,943	9,698,816	22,660	4,894,560	94,783	1,268,197	69,004	4,002,232	468,606	57,657 302
Perak	188,748	66,061,800	77,686	13,284,306	868,929	74,727,894	29,084	29,113,084	146,336	74,924,032	208,174	44,965,584	682,117	9,126,725	933,649	54,151,642	3,134,723	366,355,067
Selangor	72,383	25,334,050	16,569	2,833,299	424,696	36,523,856	46,690	46,736,690	153,535	78,609,920	130,710	28,233,360	557,754	7,462,749	63,164	3,663,512	1,465,501	229,397,436
Negeri Sembilan	1,937	677,950	996	170,316	3,835	329,810	—	—	488	249,856	—	—	—	—	—	—	7,256	1,427,932
Melaka	15,503	5,426,050	2,165	370,215	17,453	1,500,958	390	390,390	660	337,920	736	158,976	1,197	16,016	1,710	99,180	39,814	8,299,705
Kelantan	9,061	3,171,350	3,646	623,466	232,355	19,982,530	1,387	1,388,387	1,940	993,280	902	194,832	5,877	29,209	—	—	255,168	26,383,054
Trengganu	88,632	31,021,200	42,895	7,335,045	774,774	66,630,564	2,026	2,028,026	4,559	2,334,208	6,595	1,424,520	164,614	818,132	—	—	1,084,095	111,591,695
Pahang	18,229	6,380,150	3,616	618,336	116,484	10,017,624	1,472	1,473,472	9,131	4,675,072	2,075	448,200	123,626	614,421	—	—	274,633	24,227,275
Johor Timur (East)	24,563	8,597,050	7,740	1,323,540	461,170	39,660,620	5,011	5,016,011	4,344	2,224,128	22,380	4,834,080	151,252	751,722	—	—	676,460	62,407,151
Johor Barat (West)	36,082	12,628,700	9,441	1,614,411	112,791	9,700,026	7,265	7,272,265	8,619	4,412,928	43,348	9,363,168	87,625	1,172,422	—	—	305,171	46,163,920
JUMLAH (TOTAL)	986,414	345,244,900	174,724	29,877,804	3,722,283	320,116,338	115,643	115,758,643	379,460	194,283,520	503,723	108,804,168	2,487,006	29,530,587	1,067,801	61,932,458	9,437,054	1,205,548,418

- Notes: (1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Tenggiri, Parang, Ikan Bilis dan Kerapu.
Grade II Includes Jenahak, Terubuk, Puput-Puput, Merah, Kaci, Cermin dan Demudok.
Grade III Includes Merah, Alu-Alu, Cincaru, Selar, Dengkis, Gerut-Gerut, Lidah, Pelata, Remong, Sotong, Ketam, Aya/Tongkol, Aruan Tasek, Bayan, Belanak, Biji Nangka, Daun Baharu, Duri, Gelama, Jebong, Kembong, Kerisi, Kikek, Malong, Pari, Selangat, Selar Kuning, Selayang, Semilang, Talang, Tamban, Yu, Udang Baring etc.
- (2) Grade I Price at \$3.50 per katty is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.
Grade II Price at \$1.71 per katty is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.
Grade III Price at \$0.86 per katty is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.
- (3) Price per katty of Prawn big, Prawn medium and Prawn small are calculated at \$10.01, \$5.12, \$2.16 respectively.
- (4) Prices of Manure Fish are estimated at \$13.38 per picul (West Coast) and \$4.97 per picul (East Coast).
- (5) Prices of Shellfish are estimated at \$0.58 per katty.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED IKAN 1979
(Landing Values of Marine Fish by Gear Group and Grade of Fish – 1979)

Jadual (Table) 3.5

Pendaratan dan Nilai (Landings and Values)	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 Nets)	Memungut Siput (Shellfish Collection)	Rampaiian (Miscell- aneous)	Jumlah Pikul & Nilai (Total Piculs & Value)
		Pukat Jerut (Purse Seines),	Lain-Lain Pukat Tarik (other Seines)			Belat-Belat (Stationary)	Bubu (Portable)							
Grade I Piculs	112,213	602,926	1,677	156,130	6,655	14,279	29,405	62,749	345	35	—	—	—	986,414
N.B. \$	34,449,391	185,098,282	514,839	47,931,910	2,043,085	4,383,653	9,027,335	19,263,943	105,915	10,745	—	—	—	302,829,098
N.R. \$	39,274,550	211,024,100	586,950	54,645,500	2,329,250	4,997,650	10,291,750	21,962,150	120,750	12,250	—	—	—	345,244,900
Grade II Piculs	58,833	4,476	83	4,354	516	871	70,346	33,563	42	1,075	—	—	565	174,724
N.B. \$	8,354,286	635,592	11,786	618,268	73,272	123,682	9,989,132	4,765,946	5,964	152,650	—	—	80,230	24,810,808
N.R. \$	10,060,443	765,396	14,193	744,534	88,236	148,941	12,029,166	5,739,273	7,182	183,825	—	—	96,615	29,877,804
Grade III Piculs	1,192,489	1,678,117	19,037	242,090	162,087	48,481	37,221	190,539	115,758	10,310	11,963	—	14,191	3,722,283
N.B. \$	76,319,296	107,399,488	1,218,368	15,493,760	10,373,568	3,102,784	2,382,144	12,194,496	7,408,512	659,840	765,632	—	908,224	238,226,112
N.R. \$	102,554,054	144,318,062	1,637,182	20,819,740	13,939,482	4,169,366	3,201,006	16,386,354	9,955,188	886,660	1,028,818	—	1,220,426	320,116,338
Prawn Piculs	62,045	—	5,074	34,200	—	175	18	—	13,050	432	473	—	176	115,643
big N.B. \$	53,172,565	—	4,348,418	29,309,400	—	149,975	15,426	—	11,183,850	370,224	405,361	—	150,832	99,106,051
N.R. \$	62,107,045	—	5,079,074	34,234,200	—	175,175	18,018	—	13,063,050	432,432	473,473	—	176,176	115,758,643
Prawn Piculs	222,465	—	66,765	35,804	—	690	30	—	49,702	98	3,863	—	43	379,460
medium N.B. \$	97,884,600	—	29,376,600	15,753,760	—	303,600	13,200	—	21,868,880	43,120	1,699,720	—	18,920	166,962,400
N.R. \$	113,902,080	—	34,183,680	18,331,648	—	353,280	15,360	—	25,447,424	50,176	1,977,856	—	22,016	194,283,520
Prawn Piculs	342,947	157	99,843	15,512	—	3,096	150	—	33,818	351	7,835	—	14	503,723
small N.B. \$	60,701,619	27,789	17,672,211	2,745,624	—	547,992	26,550	—	5,985,786	62,127	1,386,795	—	2,478	89,158,971
N.R. \$	74,076,552	33,912	21,566,088	3,350,592	—	668,736	32,400	—	7,304,688	75,816	1,692,360	—	3,024	108,804,168
Ikan Baja Piculs	2,277,014	25,855	72,650	21,673	—	14,027	247	—	72,993	1,157	1,390	—	—	2,487,006
(Manure N.B. \$	20,624,174	252,848	741,285	221,281	—	142,594	2,522	—	691,594	11,813	14,192	—	—	22,702,303
Fish) N.R. \$	26,812,639	330,440	971,401	289,985	—	186,815	3,305	—	901,923	15,481	18,598	—	—	29,530,587
Kerang/ Piculs	34	—	—	—	—	—	—	—	—	—	—	1,067,767	—	1,067,801
Siput N.B. \$	1,394	—	—	—	—	—	—	—	—	—	—	43,778,447	—	43,779,841
(Shellfish) N.R. \$	1,972	—	—	—	—	—	—	—	—	—	—	61,930,486	—	61,932,458
Jumlah : Piculs	4,268,040	2,311,531	265,129	509,763	169,258	81,619	137,417	286,851	285,708	13,458	25,524	1,067,767	14,989	9,437,054
N.B. \$	351,507,325	293,413,999	53,883,507	112,074,003	12,489,925	8,754,280	21,456,309	36,224,385	47,250,501	1,310,519	4,271,700	43,778,447	1,160,684	987,575,584
(Total) N.R. \$	428,789,335	356,471,910	64,038,568	132,416,199	16,356,968	10,699,963	25,591,005	44,087,777	56,800,205	1,656,640	5,191,105	61,930,486	1,518,257	1,205,548,418

N.B. \$ = Nilai Harga Borong (Wholesale Value in Malaysian Dollars)

N.R. \$ = Nilai Harga Runcit (Retail Value in Malaysian Dollars)

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PENGGUNAAN PENDARATAN IKAN LAUT 1979

(Disposition of Marine Fish Landings, 1979)

Jadual (Table) 3.6

Cara Penggunaan (Disposition Channel)	Negeri (State)	Perlis -	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor (Johore)	JUMLAH (TOTAL)	
													Pikul (Piculs)	M. Ton (M. Tons)
Diguna secara hidup (Disposed alive)		-	-	-	-	-	-	-	-	-	-	-	-	-
Diguna secara basah (Disposed fresh)		300,750	1,424,877	468,606	3,134,723	1,465,501	7,256	39,814	255,168	1,084,095	274,633	981,631	9,437,054	570,905
Diguna untuk dibeku (Disposed for freezing)		-	-	-	-	-	-	-	-	-	-	-	-	-
Diguna untuk mengetin (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.
Digunakan untuk diawitkan (Disposed for curing)	Kering/Masin/Diasap (Dried/Salted/Smoked)	140	641,316	7,941	167,237	87,138	-	228	4,910	120,586	9,284	24,477	1,063,257	64,323
	Rebus (Steamed/boiled)	-	-	-	90,879	-	-	-	-	3,950	-	-	94,829	5,737
	Diragikan (Fermented)	-	934	22,716	42,413	13	-	776	410	2,304	-	20,134	89,700	5,426
	Lain-lain (Others)	-	192	-	531	-	-	-	318	12,017	249	1,561	14,868	899
Diguna untuk mengubahkan (Disposed for reduction)		-	261,908	7,428	469,972	375,000	-	-	-	-	26,216	256,324	1,396,848	84,504
Diguna untuk lain-lain (Disposed for Others)		4,300	403,648	22,788	136,193	127,168	-	-	6,833	102,223	44,523	26,947	874,623	52,911
JUMLAH: PIKUL (Total) (Piculs)		305,190	2,732,875	529,479	4,041,948	2,054,820	7,256	40,818	267,639	1,325,175	354,905	1,311,074	12,971,179	784,705

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

HASIL IKAN LAUT YANG DIPROSES – 1979

(Processed Marine Fish Products – 1979)

Timbangan Dalam Pikul – Weights In Piculs

Jadual (Table) 3.7

Negeri (State)	Jenis Hasil Pengeluaran (Type of Products)	Ikan Masin/ Ikan Kering (Salted/ Dried Fish)	Bilis Kering (Dried Anchovies)	Ikan Rebus (Boiled Fish)	Ikan Baja (Manure Fish)	Tepung Ikan (Fish Meal)	Udang Kering (Dried Prawn)	Tepung/ Kulit Udang (Prawn Dust)	Otak Udang (Prawn Paste)	Belacan (Shrimp Paste)	KERUPOK (Crackers)		Cincajuk (Pickled Prawn)	Aya Asap (Smoke Tuna)	Sotong Kering (Dried Cuttle Fish)	Budus (Fermented Anchovies)	Ubur Ubur (Jelly Fish)	Kerang Kering (Dried Cockles)	JUMLAH (Total)
											Ikan (Fish)	Udang (Prawn)							
Perlis		—	—	—	2,580	—	35	—	—	—	—	—	—	—	—	—	—	—	2,615
Kedah		15,120	153,950	—	242,189	65,477	79	—	114	153	73	52	—	—	—	—	—	—	477,207
Pulau Pinang (Penang)		3,728	—	—	13,673	1,857	432	—	250	6,949	—	—	—	—	—	—	—	—	26,889
Perak		24,927	19,821	72,703	81,716	117,493	11,317	—	101	13,443	69	276	—	—	—	—	114	—	341,980
Selangor		15,012	—	—	76,301	93,750	10,442	—	—	4	—	—	—	—	—	—	1,690	345	197,544
Negeri Sembilan		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melaka (Malacca)		137	—	—	—	—	—	—	—	129	—	—	112	—	—	—	—	—	378
Johor (Johore)		12,908	214	—	16,168	64,081	525	—	—	6,443	777	238	—	—	2	—	—	—	101,356
Kelantan		2,946	—	—	4,100	—	—	—	—	—	207	—	—	—	—	123	—	—	7,376
Trengganu		47,329	9,894	3,160	61,334	—	524	—	—	638	7,811	—	—	—	8	93	—	—	130,791
Pahang		2,405	1,319	—	26,714	6,554	—	—	—	—	152	10	—	—	—	—	—	—	37,154
JUMLAH (Total)		124,512	185,198	75,863	524,775	349,212	23,354	—	465	27,759	9,089	576	112	—	10	216	1,804	345	1,323,290

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
KILANG-KILANG AIR BATU DAN KEMUDAHAN-KEMUDAHAN
PENYEJUK DITARIKH 31.12.1979
(Ice Factories and Refrigeration Facilities as at 31.12.1979)

Jadual (Table) 3.8

NEGERI (State)	ICE FACTORIES						REFRIGERATION ESTABLISHMENTS			TOTAL STORAGE CAPACITY	
	No.	Daily Production Capacity			Storage Capacity		No.	Storage Capacity			
		Tons	Blocks	Lb. per Block	Ice (Tons)	Fish (Tons)		Ice (Tons)	Fish (Tons)	Ice (Tons)	Fish (Tons)
Perlis	2	150	1,350	224 – 320	700	—	4	70	—	770	—
Kedah	5	219	2,190	224	498	—	14	64	2,446	562	2,446
Pulau Pinang (Penang)	8	604	4,178	224 – 320	530	3,550	15	134	5,365	664	8,915
Perak	9	895	8,537	220 – 320	1,535	1,858	20	100	777	1,635	2,635
Selangor	20	221	2,570	50 – 310	330	—	16	372	25	702	25
Negeri Sembilan	1	28	280	224	14	—	—	—	—	14	—
Melaka (Malacca)	2	75	525	320	241	300	—	—	—	241	300
Kelantan	20	111	1,429	25 – 224	204	166	3	7	57	211	223
Trengganu	10	166	1,667	27 – 300	300	43	5	151	124	451	167
Pahang	9	204	2,646	20 – 244	513	142	3	14	28	527	170
Johor (Johore)	6	203	4,848	60 – 320	186	—	9	109	100	295	100
JUMLAH (Total)	92	2,876	30,220	—	5,051	6,059	89	1,021	8,922	6,072	14,981

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

HASIL PERIKANAN DALAM RINGGIT MALAYSIA, 1979

(Fisheries Revenue in Malaysian Dollars, 1979)

Jadual (Table) 3.9

JENIS HASIL (Type of Revenue)	HASIL NEGERI (STATE REVENUE)					HASIL PERSEKUTUAN (FEDERAL REVENUE)										JUMLAH BESAR (GRAND TOTAL)
	Perahu (Boat)	Perikanan (Fishing)	Patil Perahu (Boat No. Plate)	Jualan Telor Penyu (Sale of Turtle Eggs)	JUMLAH (TOTAL)	JUALAN PERIKANAN (Fisheries Sales)			Pelbagai Bayaran dan Pindah Milek (Miscell- aneous; boats tranfer fee)	Sewa Rumah (Rent of Govt. House)	Kompaun atau Denda (Compound or fine)	Bayaran masuk Akuarium (Aquarium Entrance Fee)	Bilik Sejok (Cold Room)	Jualan Harta Kerajaan (Sale of Government Property)	JUMLAH (Total)	
						Ikan (Fish)	Patil Belat (Stake No. Plate)	Lain-Lain (Miscell- aneous)								
NEGERI (State)																
Perlis	7,026.39	7,123.00	693.00	—	14,842.39	—	—	—	118.00	—	—	—	—	—	118.00	14,960.39
Kedah	30,247.25	25,303.00	2,891.00	—	58,441.25	360.50	—	—	502.00	—	21,551.00	—	—	—	22,413.50	80,854.75
P. Pinang (Penang)	19,564.54	15,085.00	2,617.00	—	37,266.54	60.00	—	10.00	446.70	8,340.00	58,600.00	138,226.10	—	187.66	205,870.46	243,137.00
Perak	60,035.76	62,090.00	5,746.00	—	127,871.76	—	13.50	13,554.00	824.00	—	105,354.00	—	—	—	119,745.50	247,617.26
Selangor	41,531.77	30,330.00	3,603.00	—	75,464.77	—	—	8,500.00	466.00	—	6,300.00	—	—	209.80	15,475.80	90,940.57
N. Sembilan	699.15	562.00	205.00	—	1,466.15	—	—	—	29.50	—	—	—	—	—	29.50	1,495.65
Melaka (Malacca)	3,126.50	2,501.00	801.00	—	6,428.50	—	—	—	151.50	240.00	—	—	—	1,810.00	2,201.50	8,630.00
Kelantan	8,050.04	5,748.00	1,552.00	—	15,350.04	12.00	—	—	248.50	—	4,300.00	—	10,870.00	—	15,430.50	30,780.54
Trengganu	22,375.88	15,536.00	3,472.00	1,205.75	42,589.63	—	—	877.60	3,005.70	—	7,620.00	—	19,303.10	27,010.00	57,816.40	100,406.03
Pahang	9,076.86	9,608.00	1,062.00	—	19,746.86	—	—	—	190.00	—	2,100.00	—	14,060.00	—	16,350.00	36,096.86
Johor	31,333.59	38,096.00	6,405.00	—	75,834.59	—	3.00	—	517.00	—	—	—	—	—	520.00	76,354.59
JUMLAH (Total)	233,067.73	211,982.00	29,047.00	1,205.75	475,302.48	432.50	16.50	22,941.60	6,498.90	8,580.00	205,825.00	138,226.10	44,233.10	29,217.46	455,971.16	931,273.64

**SEMENANJUNG MALAYSIA
(PENINSULAR MALAYSIA)**

**IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL DAN
DESTINASI – 1979***
(IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN AND
DESTINATION – 1979*)

Jadual (Table) 4.1

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
034 110 00	FISH, FRESH, CHILLED OR FROZEN (excluding fillets)	1000				
	fish fry, alive					
	Singapore		618.41	62,738	35.53	3,086
	Thailand		148.99	10,494	—	—
	Indonesia		39.68	2,381	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		324.08	31,511	0.12	315
	Taiwan		519.89	41,410	2.70	142
	China		10.00	7,499	—	—
Others	182.15	6,328	102.77	39,916		
	Total		1,843.20	162,361	141.12	43,459
034 120 00	fish for aquaria, alive	100				
	Singapore		16,634.69	334,191	93,292.92	197,781
	Thailand		4,040.76	48,570	61.00	121
	Indonesia		42.69	994	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	239.54	5,876
	Hong Kong		2,615.50	108,805	—	—
	Taiwan		322.21	3,322	14.50	290
	China		837.27	6,447	—	—
	Others		1.01	912	516.00	11,958
	Total		24,494.13	503,241	94,123.96	216,026
034 131 00	tuna, fresh, chilled	Tonne				
	Singapore		—	—	0.53	1,481
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.50	5,986	116.26	231,834
	U.S.A.		—	—	37.03	37,032
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		0.50	5,986	153.82	270,347
034 132 00	sauries, fresh, chilled	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		—	—	—	—

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
034 139 00	marine fish — other than tuna and sauries, fresh, chilled	Tonne				
	Singapore		1,079.12	775,989	21,670.51	17,476,405
	Thailand		69,646.47	34,858,395	2.30	1,182
	Indonesia		460.06	618,960	—	—
	Japan		0.66	21,546	52.97	200,259
	U.S.A.		49.76	41,679	—	—
	U.K.		1.32	41,192	—	—
	Hong Kong		0.77	7,160	1.62	1,737
	Taiwan		—	—	0.01	30
	China		—	—	—	—
	Others		68.10	88,349	32.19	67,401
	Total		71,306.26	36,453,270	21,759.60	17,747,014
034 140 00	freshwater fish fresh, chilled	Tonne				
	Singapore		16.17	21,272	70.92	77,875
	Thailand		26.18	300,607	167.13	76,586
	Indonesia		1.26	4,617	1.16	875
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		0.01	104	—	—
	Hong Kong		0.88	8,475	6.82	3,597
	Taiwan		2.87	10,968	—	—
	China		—	—	—	—
	Others		50.26	3,537	6.06	5,696
	Total		97.63	349,580	252.09	164,629
034 211 00	tuna, frozen	Tonne				
	Singapore		0.32	99	0.33	3,350
	Thailand		—	—	0.08	1,510
	Indonesia		—	—	—	—
	Japan		2,060.08	2,230,554	127.75	409,816
	U.S.A.		0.15	5,303	57.03	57,028
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		755.99	893,304	—	—
	China		—	—	—	—
	Others		—	—	94.44	354,891
	Total		2,816.54	3,129,260	279.63	826,595
034 212 00	sauries, frozen	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		94.26	187,076	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	13.00	18,589
	China		—	—	—	—
	Others		—	—	—	—
	Total		94.26	187,076	13.00	18,589

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
034 219 00	marine fish — other than tuna and sauries, frozen	Tonne				
	Singapore		1,237.13	1,094,319	11.59	15,402
	Thailand		48.56	40,647	—	—
	Indonesia		102.09	66,748	—	—
	Japan		87.11	306,689	130.82	748,880
	U.S.A.		3.37	39,918	—	—
	U.K.		3.52	48,229	—	—
	Hong Kong		0.06	141	—	—
	Taiwan		39.00	55,295	—	—
	China		—	—	—	—
	Others		398.66	532,970	3.69	20,835
	Total		1,919.50	2,184,956	146.10	785,117
034 220 00	freshwater fish, frozen	Tonne				
	Singapore		3.33	2,200	0.45	1,583
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	0.08	233
	China		—	—	—	—
	Others		1.71	20,953	—	—
	Total		5.04	23,153	0.53	1,816
034 300 00	fish fillets, fresh or chilled	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		0.08	536	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		3.11	5,088	2.76	552
	Total		3.19	5,624	2.76	552
034 400 00	fish fillets, frozen	Tonne				
	Singapore		1.50	2,000	0.13	1,643
	Thailand		0.20	80	—	—
	Indonesia		0.44	1,330	—	—
	Japan		0.29	9,377	—	—
	U.S.A.		0.15	1,335	—	—
	U.K.		0.90	16,188	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.20	2,214	3.62	20,527
	Total		3.68	32,524	3.75	22,170

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
035 010 00	FISH-DRIED, SALTED, IN BRINE OR SMOKED fish meal fit for human consumption	Tonne				
	Singapore		0.01	350	—	—
	Thailand		22.96	16,131	—	—
	Indonesia		—	—	—	—
	Japan		1.50	4,295	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		10.56	7,335	0.78	546
	Total		35.03	28,111	0.78	546
035 020 00	cod, not in fillets, dried	Tonne				
	Singapore		—	—	0.06	348
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		0.02	68	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		0.02	68	0.06	348
035 031 00	fishmaws (excl. cod) dried, salted or in brine	Tonne				
	Singapore		0.50	5,651	—	—
	Thailand		11.30	10,023	—	—
	Indonesia		18.99	141,287	0.12	70
	Japan		1.13	4,882	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		0.97	23,238	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		1.20	13,145	0.98	2,860
	Total		34.09	198,226	1.10	2,930
035 032 00	sharks' fins dried, salted or in brine	Tonne				
	Singapore		37.11	270,419	10.08	46,284
	Thailand		0.28	336	—	—
	Indonesia		93.69	879,060	—	—
	Japan		88.07	552,157	—	—
	U.S.A.		0.01	66	—	—
	U.K.		—	—	—	—
	Hong Kong		8.22	55,528	0.09	1,386
	Taiwan		5.23	32,885	—	—
	China		—	—	—	—
	Others		8.40	69,729	5.25	194,330
	Total		241.01	1,860,180	15.42	242,000

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
035 039 10	other marine fish (excl. cod) dried, salted or in brine	Tonne				
	Singapore		135.88	103,892	2,928.37	3,900,977
	Thailand		2,712.73	2,121,430	—	—
	Indonesia		232.96	306,657	109.10	51,835
	Japan		0.47	5,891	169.72	878,791
	U.S.A.		—	—	31.89	270,609
	U.K.		0.02	113	4.04	24,270
	Hong Kong		19.81	34,943	207.41	734,694
	Taiwan		11.68	19,300	—	—
	China		—	—	—	—
	Others		257.35	957,929	228.33	738,150
	Total		3,370.90	3,550,155	3,678.86	6,599,326
035 039 20	freshwater fish dried, salted or in brine	Tonne				
	Singapore		4.06	3,126	80.37	104,321
	Thailand		0.34	4,373	—	—
	Indonesia		9.41	11,841	—	—
	Japan		0.05	383	—	—
	U.S.A.		—	—	0.25	1,374
	U.K.		—	—	—	—
	Hong Kong		1.36	1,974	4.58	11,640
	Taiwan		0.36	2,445	—	—
	China		—	—	—	—
	Others		0.33	560	6.00	33,713
	Total		15.91	24,702	91.20	151,048
035 041 00	smoked salmon	Tonne				
	Singapore		0.03	24	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		0.16	4,599	—	—
	U.K.		1.02	37,949	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		1.09	30,307	0.00	464
	Total		2.30	72,879	0.00	464
035 049 00	other fish smoked, excl. salmon	Tonne				
	Singapore		0.82	2,387	12.48	83,126
	Thailand		—	—	—	—
	Indonesia		—	—	0.31	1,575
	Japan		1.84	9,248	40.30	235,798
	U.S.A.		0.01	158	—	—
	U.K.		0.76	5,413	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		1.62	13,333	0.64	32,004
	Total		5.05	30,539	53.73	352,503

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
036 011 00	CRUSTACEANS AND MOLLUSCS FRESH, CHILLED, FROZEN, DRIED, SALTED, IN BRINE OR SIMPLY BOILED	Tonne				
	prawns, fresh, chilled					
	Singapore		297.25	270,743	2,897.20	4,599,406
	Thailand		20,210.84	9,417,679	—	—
	Indonesia		448.77	340,518	—	—
	Japan		—	—	0.02	208
	U.S.A.		—	—	—	—
	U.K.		—	—	8.96	81,816
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		32.24	571,399	79.24	539,587
	Total		20,989.10	10,600,339	2,985.42	5,221,017
036 012 00	prawns, fresh, frozen	Tonne				
	Singapore		585.06	521,998	5.98	10,038
	Thailand		103.18	121,675	0.03	519
	Indonesia		64.02	151,643	0.05	359
	Japan		0.05	2,982	3,190.29	62,171,817
	U.S.A.		—	—	475.20	3,436,052
	U.K.		0.03	640	3,555.57	25,042,880
	Hong Kong		—	—	49.65	165,729
	Taiwan		—	—	0.09	567
	China		—	—	—	—
	Others		14.57	183,157	9,752.26	74,123,115
	Total		766.91	982,095	17,029.12	164,951,076
036 013 00	prawns, salted, in brine, dried or simply boiled	Tonne				
	Singapore		41.47	44,870	208.80	129,777
	Thailand		289.54	282,792	—	—
	Indonesia		331.80	506,740	—	—
	Japan		1.00	21,019	118.76	483,375
	U.S.A.		—	—	7.52	65,554
	U.K.		—	—	0.68	8,083
	Hong Kong		—	—	3.60	23,571
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		6.21	13,006	4.59	31,479
	Total		670.02	868,427	343.95	741,839
036 019 00	prawns — other	Tonne				
	Singapore		1.18	5,900	7.31	8,883
	Thailand		319.81	281,327	—	—
	Indonesia		7.34	13,281	—	—
	Japan		12.35	114,167	5.49	84,292
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		0.02	73	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		1.35	25,234	1.91	6,260
	Total		342.05	439,982	14.71	99,435

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
036 021 00	crustaceans (excl. prawns) — fresh, chilled or frozen	Tonne				
	Singapore		60.63	43,787	135.67	100,031
	Thailand		2,533.57	1,451,739	17.22	5,036
	Indonesia		5.11	7,695	—	—
	Japan		0.21	14,489	24.29	150,744
	U.S.A.		—	—	—	—
	U.K.		0.11	2,323	—	—
	Hong Kong		—	—	4.93	7,599
	Taiwan		—	—	0.47	895
	China		—	—	—	—
	Others		17.28	48,225	277.47	968,453
	Total		2,616.91	1,568,258	460.05	1,232,758
036 028 00	crustaceans (excl. prawns) — salted, in brine, dried or simply boiled	Tonne				
	Singapore		4.38	3,392	3.06	2,536
	Thailand		0.63	3,029	—	—
	Indonesia		4.08	9,803	—	—
	Japan		9.00	12,352	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		17.51	23,019	—	—
	Taiwan		0.01	17	—	—
	China		0.94	622	—	—
	Others		2.88	19,825	—	—
	Total		39.43	72,059	3.06	2,536
036 029 00	crustaceans (excl. prawns) — others	Tonne				
	Singapore		0.56	2,930	1.24	395
	Thailand		268.04	254,954	—	—
	Indonesia		1.96	2,799	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		6.00	81,459	—	—
	Hong Kong		0.19	352	1.08	1,076
	Taiwan		0.03	60	0.28	466
	China		10.00	89,828	—	—
	Others		4.07	14,379	0.26	1,839
	Total		290.85	446,761	2.86	3,776
036 030 00	oyster	Tonne				
	Singapore		6.03	8,807	50.78	52,012
	Thailand		1.23	1,694	—	—
	Indonesia		1.01	3,598	—	—
	Japan		10.89	95,725	—	—
	U.S.A.		—	—	—	—
	U.K.		0.05	83	—	—
	Hong Kong		4.89	11,223	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		152.57	356,172	5.30	2,065
	Total		176.67	477,302	56.08	54,077

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
036 041 00	molluscs (excl. oysters) — fresh, chilled, frozen	Tonne				
	Singapore		432.49	242,275	13,486.44	3,614,772
	Thailand		2,548.49	2,068,058	20,547.66	3,798,441
	Indonesia		5.43	12,013	1.15	665
	Japan		2.29	3,705	1,663.67	13,852,350
	U.S.A.		—	—	0.22	1,729
	U.K.		0.25	6,240	0.00	12
	Hong Kong		3.03	4,004	73.62	60,351
	Taiwan		0.06	120	0.01	53
	China		2.00	3,420	—	—
	Others		45.68	78,475	3,667.01	6,573,855
	Total		3,039.72	2,418,310	39,439.78	27,902,228
036 048 00	molluscs (excl. oysters) — salted, in brine, dried or simply boiled	Tonne				
	Singapore		10.48	24,603	233.50	214,267
	Thailand		6,492.40	7,003,289	—	—
	Indonesia		39.77	175,134	—	—
	Japan		12.34	276,426	6,449.79	34,909,220
	U.S.A.		0.01	707	21.70	256,657
	U.K.		0.01	166	2.42	12,258
	Hong Kong		183.08	340,866	83.91	294,624
	Taiwan		0.76	1,564	—	—
	China		15.05	131,670	—	—
	Others		147.87	416,538	45.90	238,580
	Total		6,901.77	8,370,963	6,837.22	35,925,606
036 049 00	molluscs (excl. oysters) — other	Tonne				
	Singapore		12.16	60,725	27.17	10,625
	Thailand		37.42	33,550	—	—
	Indonesia		13.63	71,198	—	—
	Japan		5.15	83,096	50.85	326,781
	U.S.A.		0.01	198	—	—
	U.K.		0.05	1,260	—	—
	Hong Kong		57.79	110,219	—	—
	Taiwan		0.16	324	—	—
	China		—	—	—	—
	Others		26.92	125,511	6.98	2,491
	Total		153.29	486,081	85.00	339,897
011 891 00	Beche-de-mer (trepang) fresh, chilled or frozen	Tonne				
	Singapore		—	—	2.30	1,759
	Thailand		—	—	—	—
	Indonesia		5.96	15,989	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.95	1,873	—	—
	Total		6.91	17,862	2.30	1,759

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
012 902 00	Beche-de-mer (trepang) salted, in brine, dried or smoked	Tonne				
	Singapore		3.12	3,680	1.62	1,540
	Thailand		0.15	296	—	—
	Indonesia		288.54	489,913	—	—
	Japan		—	—	—	—
	U.S.A.		0.37	765	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		17.77	43,919	—	—
	Total		309.95	538,573	1.62	1,540
037 111 00	PREPARED OR PRESERVED FISH: (In airtight containers) sardines	Tonne				
	Singapore		7.32	26,341	18.31	24,676
	Thailand		5.83	13,728	51.36	77,910
	Indonesia		0.61	1,080	120.56	214,892
	Japan		5,704.30	12,191,975	0.20	560
	U.S.A.		37.17	71,110	—	—
	U.K.		3.82	6,170	—	—
	Hong Kong		—	—	—	—
	Taiwan		3.48	6,400	—	—
	China		1.00	2,020	—	—
	Others		100.88	268,835	511.00	901,887
	Total		5,864.41	12,587,659	701.43	1,219,925
037 112 00	herrings and brislings	Tonne				
	Singapore		0.02	37	0.28	708
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		0.40	2,552	—	—
	Hong Kong		3.10	9,114	—	—
	Taiwan		—	—	—	—
	China		16.85	70,420	—	—
	Others		1.90	19,771	1.28	3,965
	Total		22.27	101,894	1.56	4,673
037 113 00	pilchards	Tonne				
	Singapore		—	—	0.15	212
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		—	—	0.15	212

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
037 114 00	salmon	Tonne				
	Singapore		0.00	4	1.78	4,150
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.34	2,398	—	—
	U.S.A.		0.84	8,678	—	—
	U.K.		0.35	4,744	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		3.26	26,113	3.23	7,796
	Total		4.79	41,937	5.01	11,946
037 115 00	sauries	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.02	36	0.90	11,110
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	4.00	1,765
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	6.88	16,019
	Total		0.02	36	11.78	28,894
037 116 00	tuna	Tonne				
	Singapore		1.85	8,416	59.03	221,479
	Thailand		3.41	6,576	—	—
	Indonesia		—	—	0.20	225
	Japan		0.02	113	4.77	26,744
	U.S.A.		1.75	18,052	91.77	472,522
	U.K.		0.32	3,245	424.90	2,188,048
	Hong Kong		—	—	—	—
	Taiwan		—	—	44.24	201,520
	China		—	—	—	—
	Others		9.77	46,700	3,342.31	15,062,594
	Total		17.12	83,102	3,967.22	18,173,132
037 117 00	horse mackerels	Tonne				
	Singapore		—	—	228.01	365,162
	Thailand		—	—	17.84	37,204
	Indonesia		—	—	91.12	92,291
	Japan		471.07	18,252,935	—	—
	U.S.A.		—	—	35.58	49,913
	U.K.		0.02	62	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		66.30	101,741	—	—
	Others		78.22	179,921	983.84	1,287,383
	Total		615.61	18,534,659	1,356.39	1,831,953

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
037 119 00	other	Tonne				
	Singapore		4.48	12,199	564.51	804,067
	Thailand		69.20	63,809	—	—
	Indonesia		0.01	34	0.75	3,440
	Japan		363.99	627,751	—	—
	U.S.A.		54.79	2,787	2.27	16,080
	U.K.		1.38	9,182	—	—
	Hong Kong		5.30	9,112	2.18	20,370
	Taiwan		0.44	4,293	—	—
	China		385.10	833,290	—	—
	Others		9.96	65,714	1,616.86	4,058,143
	Total		894.65	1,628,171	2,186.57	4,902,100
037 191 00	PREPARED OR PRESERVED FISH: (In other than airtight containers) sharks' fins	Tonne				
	Singapore		0.79	11,936	0.60	150
	Thailand		—	—	—	—
	Indonesia		0.33	3,794	—	—
	Japan		0.46	3,992	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		0.15	1,200	—	—
	China		—	—	—	—
	Others		0.10	905	—	—
	Total		1.83	21,827	0.60	150
037 192 00	fish paste and similar preparations	Tonne				
	Singapore		2.34	2,256	117.86	181,208
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		2.21	7,354	—	—
	U.S.A.		4.23	31,594	—	—
	U.K.		0.02	190	—	—
	Hong Kong		1.20	2,964	—	—
	Taiwan		1.93	4,200	—	—
	China		—	—	—	—
	Others		—	—	4.37	4,645
	Total		11.93	48,558	122.23	185,853
037 193 00	fish, boiled or steamed	Tonne				
	Singapore		3.87	6,260	11.81	26,201
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		5.30	2,863	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	12.62	36,288
	Total		9.17	9,123	24.43	62,489

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
037 199 00	other	Tonne				
	Singapore		3.83	2,695	277.92	296,825
	Thailand		45.34	28,369	—	—
	Indonesia		0.12	386	—	—
	Japan		3.72	12,206	14.00	64,588
	U.S.A.		0.03	143	—	—
	U.K.		10.73	79,244	—	—
	Hong Kong		1.52	1,962	0.50	4,070
	Taiwan		0.07	144	—	—
	China		1.90	2,917	—	—
	Others		99.30	354,716	79.53	262,546
	Total		166.56	482,782	371.95	628,029
037 211 00	PREPARED OR PRESERVED CRUSTACEANS AND MOLLUSCS (In airtight containers) abalone	Tonne				
	Singapore		0.00	36	0.31	1,458
	Thailand		—	—	—	—
	Indonesia		—	—	3.00	3,000
	Japan		3.02	40,538	—	—
	U.S.A.		36.36	405,395	—	—
	U.K.		0.02	348	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		155.47	1,560,568	4.46	25,267
	Total		194.87	2,006,885	7.77	29,725
037 212 00	prawns and shrimps	Tonne				
	Singapore		0.17	673	212.50	508,703
	Thailand		0.17	1,231	—	—
	Indonesia		—	—	1.50	1,380
	Japan		0.05	457	—	—
	U.S.A.		—	—	6.20	34,233
	U.K.		—	—	89.19	684,106
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		1.43	3,814	—	—
	Others		0.43	5,350	890.75	4,114,279
	Total		2.25	11,525	1,200.14	5,342,701
037 213 00	crabs	Tonne				
	Singapore		0.05	435	57.20	103,691
	Thailand		0.22	2,243	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		0.19	282	54.01	346,280
	U.K.		0.06	748	6.48	68,530
	Hong Kong		0.05	70	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	475.29	4,869,028
	Total		0.57	3,778	592.98	5,387,529

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
037 214 00	cuttlefish	Tonne				
	Singapore		1.95	6,729	136.03	332,928
	Thailand		12.81	17,866	—	—
	Indonesia		—	—	0.01	34
	Japan		0.25	665	—	—
	U.S.A.		0.04	68	6.01	10,351
	U.K.		—	—	2.17	11,133
	Hong Kong		—	—	8.98	33,628
	Taiwan		0.96	1,920	—	—
	China		32.85	72,205	—	—
	Others		—	—	713.17	1,558,267
	Total		48.86	99,453	866.37	1,946,341
037 219 00	other	Tonne				
	Singapore		0.22	415	228.49	455,553
	Thailand		7.29	3,433	—	—
	Indonesia		—	—	0.04	120
	Japan		1.18	15,766	3.60	22,613
	U.S.A.		0.12	2,772	27.94	150,914
	U.K.		—	—	0.20	1,602
	Hong Kong		1.35	1,821	0.99	11,861
	Taiwan		—	—	—	—
	China		25.55	137,712	—	—
	Others		9.29	49,669	780.39	1,754,484
	Total		45.00	211,588	1,041.65	2,397,147
037 220 00	(In other than airtight containers):	Tonne				
	Singapore		107.18	514,182	206.63	343,221
	Thailand		937.42	1,356,956	—	—
	Indonesia		12.82	32,508	—	—
	Japan		0.92	11,105	—	—
	U.S.A.		—	—	8.33	54,242
	U.K.		—	—	12.45	88,968
	Hong Kong		3.11	13,669	2.16	4,500
	Taiwan		2.67	8,479	—	—
	China		21.03	178,158	—	—
	Others		52.13	443,364	126.25	404,577
	Total		1,137.28	2,558,421	355.82	895,508
411 110 00	FATS AND OILS, OF FISH AND MARINE MAMMALS fish liver oil	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		2.65	1,458	0.21	624
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		0.15	176	—	—
	China		37.00	36,999	—	—
	Others		1.13	4,285	0.09	135
	Total		40.93	42,918	0.30	759

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
411 120 00	other fish oils and fats	Tonne				
	Singapore		—	—	—	—
	Thailand		16.92	11,478	—	—
	Indonesia		170.23	140,738	—	—
	Japan		1.80	3,472	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		3.26	5,482	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		28.01	47,574	—	—
	Total		220.22	208,744	—	—
411 130 00	oils and fats of marine mammals	Tonne				
	Singapore		0.02	116	—	—
	Thailand		—	—	—	—
	Indonesia		9.20	5,518	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		9.22	5,634	—	—
081 421 00	FLOURS AND MEALS, OF FISH, CRUSTACEANS OR MOLLUSCS, UNFIT FOR HUMAN CONSUMPTION fish meal	Tonne				
	Singapore		394.20	244,198	2,821.72	673,969
	Thailand		29,916.95	13,929,445	—	—
	Indonesia		25.18	5,540	—	—
	Japan		—	—	—	—
	U.S.A.		23.82	10,621	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	6.88	12,452
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		2,053.28	1,607,321	9.63	2,733
	Total		32,413.43	15,797,125	2,838.23	689,154
081 422 00	prawn dust	Tonne				
	Singapore		—	—	578.33	96,775
	Thailand		88.79	13,886	—	—
	Indonesia		3.30	330	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		92.09	14,216	578.33	96,775

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
081 429 00	other	Tonne	—	—	—	—
	Singapore		—	—	—	—
	Thailand		8.05	6,628	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	0.39	392
	Total		8.05	6,628	0.39	392
098 059 20	MISCELLANEOUS Soups and broths in liquid, solid or powder form of fish, crustaceans and molluscs	Tonne	—	—	—	—
	Singapore		0.47	2,200	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		4.22	20,485	—	—
	U.S.A.		0.01	40	—	—
	U.K.		0.18	913	—	—
	Hong Kong		—	—	0.14	495
	Taiwan		—	—	—	—
	China		0.67	1,718	—	—
	Others		0.49	3,213	0.01	642
	Total		6.04	28,569	0.15	1,137
098 019 20	homogenised composite food preparations of fish, crustaceans and molluscs	Tonne	—	—	—	—
	Singapore		0.95	6,671	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.09	1,162	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	0.55	2,391
	Total		1.04	7,833	0.55	2,391
098 081 00	turtles' eggs	100	—	—	—	—
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		8.00	1,020	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		8.00	1,020	—	—

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
291 940 00	fish waste	Tonne				
	Singapore		—	—	0.14	123
	Thailand		—	—	—	—
	Indonesia		0.15	25	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	1.50	510
	China		—	—	—	—
	Others		0.15	2,600	—	—
	Total		0.30	2,625	1.64	633
291 150 00	coral etc. unworked	Tonne				
	Singapore		21.00	522	8,603.47	230,057
	Thailand		13.48	1,523	—	—
	Indonesia		—	—	—	—
	Japan		0.02	65	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		2.12	10,256	1.58	1,183
	China		—	—	—	—
	Others		6.68	34,427	62.74	24,573
	Total		43.30	46,793	8,667.79	255,813
291 970 00	natural sponges	Tonne				
	Singapore		0.01	136	0.24	1,313
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.05	462	—	—
	U.S.A.		0.05	151	—	—
	U.K.		—	—	—	—
	Hong Kong		0.00	2	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.52	6,193	—	—
	Total		0.63	6,944	0.24	1,313
291 991 00	other products of fish, crustaceans and molluscs	Tonne				
	Singapore		0.02	80	0.04	77
	Thailand		—	—	—	—
	Indonesia		2.74	7,704	—	—
	Japan		—	—	—	—
	U.S.A.		0.02	1,379	—	—
	U.K.		—	—	1.76	6,960
	Hong Kong		0.02	285	—	—
	Taiwan		1.26	2,088	—	—
	China		—	—	—	—
	Others		—	—	1,206.92	12,154
	Total		4.06	11,536	1,208.72	19,191

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
098 049 10	belachan	Tonne				
	Singapore		17.69	6,922	715.47	500,250
	Thailand		15.20	3,040	4,548.68	910,113
	Indonesia		57.07	10,660	1.60	580
	Japan		—	—	—	—
	U.S.A.		—	—	2.90	10,484
	U.K.		—	—	0.30	940
	Hong Kong		—	—	25.37	51,913
	Taiwan		—	—	0.01	10
	China		10.00	10,792	—	—
	Others		0.12	40	430.72	445,898
	Total		100.08	31,454	5,725.05	1,920,188
271 101 00	crude fish fertilizers	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		—	—	—	—
592 234 00	fish glues	Tonne				
	Singapore		0.38	400	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		1.02	1,022	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		1.40	1,422	—	—
667 101 00	pearls (not set or strung) — cultured	Value				
	Singapore		0.00	12,695	—	—
	Thailand		0.00	1,936	—	—
	Indonesia		—	—	—	—
	Japan		0.00	103,959	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		0.00	74,458	—	—
	Others		0.00	90,948	0.00	8,293
	Total		0.00	283,996	0.00	8,293

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
667 109 00	pearls (not set or strung) — other	Value				
	Singapore		0.00	176	0.00	2,250
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.00	21,396	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		0.00	10,033	0.00	31,331
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	0.00	5
	Total		0.00	31,605	0.00	33,586
292 981 00	sea-weed products	Tonne				
	Singapore		1.97	1,190	0.64	253
	Thailand		0.98	1,658	—	—
	Indonesia		0.89	1,571	0.03	40
	Japan		13.73	33,638	—	—
	U.S.A.		0.08	310	—	—
	U.K.		0.25	720	—	—
	Hong Kong		3.20	3,178	—	—
	Taiwan		6.06	10,723	—	—
	China		13.96	69,063	—	—
	Others		12.26	29,463	6.61	5,410
	Total		53.38	151,514	7.28	5,703
292 922 00	sea-grass	Tonne				
	Singapore		0.63	280	6.43	3,215
	Thailand		—	—	—	—
	Indonesia		3.48	2,286	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		2.73	999	—	—
	Taiwan		51.90	23,502	—	—
	China		10.50	8,451	—	—
	Others		—	—	0.50	213
	Total		69.24	35,518	6.93	3,428
	GRAND TOTAL		158,355.09	131,236,395	125,563.25	310,010,086

Note: 1) All import values are in \$CIF and all export values are in \$FOB.

2) Import/Export statistics on fishery commodities include fish, crustaceans, molluscs and other aquatic plants and animals as recommended by ISSCF C.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
SERI TAHUNAN IMPOT BARANGAN PERIKANAN MENGIKUT KUANTITI, NILAI DAN NEGERI ASAL
(Annual Series of Fishery Commodities Import by Quantity, Value and Country of Origin)

Jadual (Table) 4.2

Country	1975		1976		1977		1978		1979 (P)	
	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Singapore	1,491	2,045,389	2,529	2,277,215	3,369	3,739,239	4,192	3,941,749	4,543	4,780,567
Thailand	63,785	34,319,628	86,610	45,911,929	93,049	49,909,081	116,269	62,485,640	136,416	73,794,973
Indonesia	2,312	2,665,312	1,849	3,095,925	1,706	3,027,565	11,068	3,776,533	2,425	4,048,851
Japan	11,106	19,516,595	14,838	19,959,538	12,823	26,133,920	12,715	27,741,959	8,965	35,316,838
U.S.A.	36	256,022	64	274,639	227	461,817	46	538,921	214	648,110
U.K.	32	210,789	71	346,770	355	294,600	87	585,282	32	350,081
Hong Kong	125	354,450	204	952,546	233	644,132	285	781,515	325	821,244
Taiwan	5,062	7,495,684	1,776	3,227,104	1,644	2,438,702	1,929	1,982,260	888	1,134,395
China	1,333	2,138,202	2,297	2,168,253	658	1,199,723	400	1,114,229	652	1,843,244
Others	9,589	9,598,584	5,647	9,291,425	4,572	7,388,809	2,973	6,820,537	3,896	8,498,092
Jumlah (Total)	94,871	78,600,655	115,885	87,505,344	118,636	95,237,588	149,964	109,768,625	158,356	131,236,395

SERI TAHUNAN EKSPOT BARANGAN PERIKANAN MENGIKUT KUANTITI, NILAI DAN NEGERI DESTINASI
(Annual Series of Fishery Commodities Export by Quantity, Value and Country of Destination)

Jadual (Table) 4.3

Country	1975		1976		1977		1978		1979 (P)	
	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Singapore	55,380	40,177,704	49,080	36,097,298	71,343	45,575,404	56,966	37,968,224	56,695	35,838,377
Thailand	9,486	1,337,051	16,442	2,005,216	13,596	2,068,052	18,686	3,612,317	25,352	4,908,622
Indonesia	139	109,134	215	178,704	254	219,816	266	142,862	332	372,005
Japan	8,355	40,682,331	10,453	75,899,333	3,747	32,243,679	24,318	48,182,730	12,164	114,809,780
U.S.A.	3,937	6,709,354	7,128	15,364,733	2,184	8,256,392	1,691	7,194,942	866	5,271,054
U.K.	5,154	30,023,992	4,528	28,979,314	5,221	22,667,569	4,578	32,262,608	4,109	28,225,482
Hong Kong	506	1,000,730	2,603	1,501,248	339	754,644	455	1,126,632	488	1,478,704
Taiwan	201	284,082	48	53,707	14	15,352	115	552,437	61	224,488
China	—	—	—	—	—	—	—	—	—	—
Others	11,356	45,951,975	18,552	77,986,755	11,334	47,896,707	17,037	69,112,105	25,496	118,881,574
Jumlah (Total)	94,514	166,276,353	109,049	238,066,308	108,032	159,697,615	124,112	200,154,857	125,563	310,010,086

(P) Preliminary

Perikanan Airtawar
SEMANANJUNG MALAYSIA

Freshwater Fisheries
Peninsular Malaysia

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN KOLAM IKAN DAN PENTERNAK, 1979
(Number of Fish Ponds and Number of Farmers, 1979)

Jadual (Table) 5.1

Negeri (State)	Kolam-kolam baru 1979 (New ponds, 1979)		Kolam-kolam yg. di- usaha hingga 31-12-79 (Fish ponds in opera- tion 31-12-79)		Bilangan penternak hingga 31.12.79 (Number of farmers as at 31-12-79)				Jumlah (Total)
	Bilangan (Number)	Ekar (Acreage)	Bilangan (Number)	Ekar (Acreage)	Melayu (Malays)	Cina (Chinese)	India (Indians)	Laon-lain (Others)	
Perlis	14	8.32	55	26.43	33	3	—	8	44
Kedah	43	41.09	388	292.34	211	23	—	21	255
Pulau Pinang	19	9.82	149	50.90	29	33	5	21	88
Perak	385	156.66	4,496	8,236.27	1,662	1,305	70	53	3,090
Selangor	37	46.35	975	1,015.70	227	219	12	84	542
Negeri Sembilan	177	87.87	26.35	987.22	1,528	310	12	16	1,866
Melaka	73	35.32	490	185.45	234	86	3	5	328
Johor	76	44.59	1,485	598.75	419	317	1	18	755
Pahang	100	49.34	1,426	875.17	989	132	9	27	1,157
Trengganu	101	42.36	367	151.22	286	7	—	—	293
Kelantan	161	60.22	459	159.08	332	7	1	—	340
JUMLAH (Total)	1,186	581.94	12,925	12,578.53	5,950	2,442	113	253	8,758

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PENJUALAN IKAN AIR TAWAR DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN JENIS IKAN – 1979
(SALES OF FRESHWATER FISH AT MAJOR MARKETS BY STATE AND TYPE OF FISH – 1979)

Jadual (Table) 5.2

JENIS IKAN (TYPE OF FISH)		Perlis	Kedah	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Trengganu	Kelantan	Jumlah Picul (Total Piculs)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)											
Baung	Mystus nemurus	—	—	209.40	10.00	15.80	—	—	12.87	—	0.50	248.57
Balidah	Notopetrus chil tala	—	—	89.50	—	—	—	—	3.36	—	0.97	93.83
Bujuk	Chana sp.	—	—	4.70	—	—	—	—	—	—	—	4.70
Gerahak	Belodontichthys dinema	—	—	—	—	—	—	—	0.20	—	—	0.20
Haruan	Chana striatus	—	—	1,481.20	99.03	51.48	2.50	—	23.42	3.40	2.46	1,663.49
Jelawat	Leptobarbus hoeveni	—	—	—	—	—	—	—	8.25	—	0.12	8.37
Jenahak	Lutianidae	—	—	—	—	—	—	—	0.20	—	—	0.20
Jenkua	Morulus	—	—	—	0.50	15.00	—	—	11.02	—	—	26.52
Kalui	Osphronemus goramy	—	—	6.20	0.30	14.30	—	—	0.04	—	—	20.84
Kap Rumpit	Ctenopharyngodon idollus	—	0.75	1,319.60	1,794.65	274.29	141.50	—	62.90	19.54	5.67	3,618.90
Kalah	Tor Tambroides	—	—	—	—	—	—	—	8.35	0.30	1.30	9.95
Keli	Clarias batrachus	—	—	1,596.55	239.61	123.81	—	—	79.61	4.45	1.50	2,045.53
Ketutu	Oxyeleotris marmoratus	—	—	473.00	—	14.30	—	—	—	—	—	487.30
Kepala Besar	Aristichthys nobilis	—	0.78	1,342.55	1,366.50	793.88	88.00	—	46.92	24.42	6.87	3,669.92
Kerai Kuning	Puntius daruphani	—	—	—	—	—	—	—	2.89	—	—	2.89
Kerai Putih	—	—	—	—	—	—	—	—	10.48	—	—	10.48
Kenerak	—	—	—	—	—	—	—	—	0.16	—	—	0.16
Kelisa	—	—	—	0.05	—	—	—	—	—	—	—	0.05
Lampam Jawa	Puntius gonionotus	—	0.80	1,022.35	455.65	94.35	153.50	—	16.52	20.89	7.52	1,771.58
Lampam Sungai	Puntius schwarefeldii	—	—	226.10	0.30	20.40	—	—	6.35	6.75	2.99	262.89
Lawang	Pangasius micronemus	—	—	—	—	—	—	—	8.39	—	—	8.39
Lomah	Thynnichthys thynnoides	—	—	0.90	—	—	—	—	0.53	—	—	1.43
Lee Koh	Cyprinus carpio	—	0.94	588.40	12.80	48.70	64.85	—	6.54	9.49	8.49	740.21
Lambat	Clarias nieuhofii C.V.	—	—	3.50	—	—	—	—	—	—	—	3.50
Lambak	—	—	—	—	—	—	—	—	0.37	—	—	0.37
Puyu	Anabas testudineus	—	—	3.20	1.00	—	—	—	—	—	0.30	4.50
Patin	Pangasius Pangasius	—	—	—	0.08	—	—	—	40.46	—	—	40.54
Putih/Seluang	Puntius binotatus	—	—	—	409.80	—	—	—	—	—	—	409.80
Pucuk Pisang	—	—	—	189.00	—	—	—	—	—	—	—	189.00
Sebarau	Hampala macrolepidota V. Hasselt	—	—	45.80	—	—	—	—	0.42	3.80	0.65	50.67
Sepat Siam	Trichogaster pectoralis	—	—	571.00	250.24	46.60	—	—	1.57	—	—	869.41
Sepat biasa/Padi	Trichogaster trichopeterus	—	—	170.50	—	1.20	—	—	—	—	—	171.70
Tapah	Wallogo Attu (Bl. Scha)	—	—	21.80	0.35	—	—	—	7.32	—	—	29.47
Temakang	Helastoma temmincki	—	—	5.40	—	—	—	—	—	2.00	—	7.40
Temoleh	Probarbus julieni Sauvage	—	—	1.80	—	—	—	—	0.94	—	—	2.74
Tenggelen	Puntius bulu	—	—	—	—	—	—	—	8.48	—	1.33	9.81
Terubol	Osteo chilus hasselti	—	—	400.00	0.90	—	—	—	0.43	3.00	—	404.33
Tilapia	Tilapia mossambica	—	—	1,493.50	—	4.50	—	—	13.81	—	—	1,511.81
Toman	Chana micropeltas C.V.	—	—	4.70	—	—	—	—	0.09	—	0.15	4.94
Tengas	Acrossocheilus hexagonolepis	—	—	—	—	—	—	—	—	—	0.32	0.32
Tongsan	—	—	—	—	—	—	—	—	—	—	0.50	0.50
Udang Galah	Macro brachium rosenbergi	—	—	453.00	236.30	—	—	—	6.15	3.00	1.86	700.31
Ubagai	Miscellaneous	—	—	501.90	0.30	—	5.00	658.40	42.91	25.05	7.78	1,241.34
JUMLAH (Total)		—	3.27	12,225.60	4,878.31	151,861	455.35	658.40	431.95	126.09	51.28	20,348.86
		—	0.19	739.60	295.12	91.87	27.55	39.83	26.13	7.63	3.10	1,231.02

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENJUALAN IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN 1979
(SALES OF FRESHWATER FISH AT MAJOR MARKETS BY MONTH AND TYPE OF FISH - 1979)

Jadual (Table) 5.3

JENIS IKAN (TYPE FISH)		Jan.	Feb.	Mac.	Apr.	Mei.	Jun.	Jul.	Ogos.	Sept.	Oct.	Nov.	Dis.	Jumlah Pikul (Total Piculs)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)													
Baung	Mystus nemurus	26.80	1.99	9.97	11.53	4.47	23.62	34.89	24.68	31.92	28.16	27.07	23.47	248.57
Belidah	Notopetrus chittala	12.10	0.29	12.27	12.34	12.36	0.51	10.73	9.28	2.27	1.15	11.18	9.35	93.83
Bujuk	Chana sp.	—	—	1.00	—	—	0.30	—	0.60	0.90	0.90	1.00	—	4.70
Gerahak	Belodontichthys dinema	—	—	—	—	—	—	0.13	—	—	0.07	—	—	0.20
Haruan	Chana striatus	137.40	12.77	149.74	155.83	39.16	147.45	152.85	164.07	156.54	237.60	158.01	152.07	1,663.49
Jelawat	Leptobarbus hoeveni	4.20	0.59	0.31	0.16	0.27	0.44	0.34	1.04	0.32	0.20	0.37	0.13	8.37
Jenahak	Lutianidae	—	—	—	—	0.15	—	0.05	—	—	—	—	—	0.20
Jenkua	Morulus	—	26.47	—	—	—	—	—	—	—	0.05	—	—	26.52
Kalui	Osphronemus goramy	—	—	1.00	—	—	1.00	1.84	15.80	0.90	—	—	0.30	20.84
Kap Rumpit	Ctenopharyngodon idollus	473.70	195.60	163.52	142.50	212.20	159.60	179.05	224.04	211.84	1,291.90	188.25	176.70	3,618.90
Kelah	Tor tambroides	3.70	0.23	0.84	0.37	0.35	0.52	1.15	0.82	1.09	0.29	0.29	0.30	9.95
Keli	Clarias batrachus	134.65	—	155.95	142.41	117.87	168.77	189.76	162.42	181.31	411.20	181.81	199.38	2,045.53
Ketutu	Oxyeleotris marmoratus	56.50	0.80	46.30	45.30	12.80	46.10	42.15	47.80	50.00	48.35	49.50	41.70	487.30
Kepala Besar	Aristichthys nobilis	506.70	183.35	198.87	174.80	176.08	205.90	224.27	243.45	211.28	1,114.60	218.17	212.45	3,669.92
Kerai Kuning	Puntius daruphani	—	1.11	—	—	0.79	—	—	—	—	0.61	—	0.38	2.89
Kerai Putih	—	—	0.87	1.53	—	0.12	1.24	1.20	1.19	1.28	0.79	1.34	0.92	10.48
Kenerak	—	—	—	—	—	—	—	—	—	—	0.16	—	—	0.16
Kelisa	—	—	—	—	—	—	—	—	—	—	0.05	—	—	0.05
Lampam Jawa	Puntius gonionotus	113.30	19.60	107.71	105.30	95.20	127.02	138.60	145.26	132.69	535.55	132.20	119.15	1,771.58
Lampam sungai	Puntius schwarefeldii	4.99	1.47	12.97	22.93	25.96	26.06	26.57	28.52	32.58	31.80	28.88	20.16	262.89
Lawang	Pangasius micronemus	7.00	0.43	0.32	0.17	0.13	0.10	—	0.09	0.08	—	—	0.07	8.39
Lomah	Thynnichthys thynnoides	—	—	—	—	—	—	—	0.90	—	—	0.53	—	1.43
Lee Koh	Cyprinus Carpio	69.95	10.70	76.20	74.55	54.30	66.50	70.50	67.47	56.93	61.49	64.72	66.90	740.21
Limbat	Clarias nieuhofi C.V.	—	—	—	—	—	—	1.50	—	—	—	1.00	1.00	3.50
Lambak	—	—	—	—	—	—	—	—	—	—	0.37	—	—	0.37
Puyu	Anabas testineus	—	—	—	—	—	1.00	—	—	1.20	1.00	1.30	—	4.50
Pafin	Pangasius pangasius	2.04	1.28	6.75	4.80	5.79	0.47	5.47	5.05	1.95	0.70	0.91	5.33	40.54
Putih/Seluang	Puntius binotatus	2.00	—	0.50	—	1.10	—	—	6.20	—	400.00	—	—	409.80
Pucuk Pisang	—	—	—	3.00	—	—	—	—	—	—	69.00	56.00	61.00	189.00
Sebarau	Hampala macrolepidota V. Hasselt	—	—	0.20	—	—	6.17	9.00	6.00	3.70	6.00	12.80	6.80	50.67
Sepat Siam	Trichogaster pectoralis	25.30	4.70	16.02	61.50	70.20	98.50	57.00	84.05	75.70	292.60	39.84	44.00	869.41
Sepat biasa/Padi	Trichogaster trichopterus	—	—	23.50	—	—	—	—	—	—	52.50	50.70	45.00	171.70
Tapah	Wallogo attu (B. Scha)	—	—	3.20	—	2.70	2.67	7.00	1.85	3.80	5.90	1.05	1.30	29.47
Tamakang	Helostoma temmincki	1.20	—	0.60	0.60	—	0.60	0.30	0.30	1.80	—	2.00	—	7.40
Temoleh	Probarbus julieni sauvaige	—	—	0.09	—	—	0.24	0.24	—	0.04	0.08	1.25	0.80	2.74
Tenggalian	Puntius Bulu	1.10	1.11	0.51	0.70	0.55	0.63	0.70	0.62	1.43	0.42	1.20	0.84	9.81
Teruboi	Osteochilus hasselti	1.50	0.07	11.09	27.00	38.22	36.50	38.80	45.00	46.15	46.00	61.00	53.00	404.33
Tilapia	Tilapia mossambica	142.50	3.00	133.50	144.50	115.00	133.50	119.40	127.30	143.30	142.50	150.31	157.00	1,511.81
Toman	Chana micropeltes C.V.	—	—	1.10	—	—	0.99	0.30	0.30	0.60	—	1.05	0.60	4.94
Tengas	Acrossocheilus hexagonolepis	—	—	—	—	—	—	—	—	—	—	0.32	—	0.32
Tongsan	—	—	—	—	—	—	—	—	—	—	—	0.50	—	0.50
Udang Galah	Macrobrachium rosenbergi	46.60	0.75	61.50	47.50	35.50	46.50	40.50	34.50	41.30	264.00	44.16	37.50	700.31
Pelbagai	Miscellaneous	56.17	7.60	704.07	33.00	46.80	22.50	80.67	102.85	50.11	43.80	57.74	36.03	1,241.34
JUMLAH (Total)	Pikul (Piculs)	1,829.40	474.78	1,904.13	1,207.79	1,068.07	1,325.40	1,434.96	1,551.45	1,443.01	5,089.79	1,546.45	1,473.63	20,348.86
	M. Ton (M. Tonnes)	110.67	28.72	115.19	73.07	64.61	80.18	86.81	93.86	87.30	307.91	93.55	89.15	1,231.02

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENGELUARAN BENIH IKAN OLEH PUSAT-PUSAT PENGELUARAN – 1979
(FISH FRY PRODUCTION BY STATION, 1979)

Jadual (Table) 5.4

PUNCA (SOURCES)	JENIS BENIH IKAN (SPECIES OF FISH FRY)												Jumlah (Total)
	Lampam Jawa	Lee Koh	Sepat Siam	Tilapia	Udang Galah	Kap Cermin Kacukan (Mirror Carp Hybrid)	Kap Cermin (Mirror Carp)	Temakang	Kap Jepun (Japanese Carp)	Kalui	Kap Rumput (Grass Carp)	Kap Kepala Besar (Big Head Carp)	
Pusat Pembaikbiak Ikan (Fish Breeding Station) Jitra, Kedah	314,690	133,425	17,762	13,880	—	—	—	—	—	—	—	—	479,757
Pusat Pembaikbiak Ikan (Fish Breeding Station) Enggor, Perak	627,236	40,144	27,152	—	—	—	200	—	—	—	—	—	694,732
Pusat Pembaikbiak Ikan (Fish Breeding Station) Tapah, Perak	750,262	12,807	10,045	1,000	—	—	—	5,090	—	2,090	—	10,550	791,844
Pusat Pembaikbiak Ikan (Fish Breeding Station) Macang, Kelantan	91,356	129,448	3,010	—	—	—	—	—	—	—	16,805	16,962	257,581
Pusat Percubaan Menternak Ikan (Fish Culture Experimental Station) Cameron Highland	7,600	20,433	—	—	—	5,300	12,080	—	305	—	—	—	45,718
Pusat Pembaikbiak Ikan (Fish Breeding Station) Bukit Tinggi	1,147,851	248,968	—	—	—	—	—	—	—	—	—	—	1,396,819
Rancangan Kemajuan Perikanan Darat (Inland Fisheries Extension Scheme)	—	—	—	—	—	—	—	—	—	—	30,282	20,818	51,100
Institute Penyelidikan Pembangunan Pertanian Malaysia (MARDI) *	3,000	—	—	—	—	—	—	—	—	—	—	—	3,000
Subsidi (Subsidies)	—	—	—	—	—	—	—	—	—	—	38,746	18,215	56,961
JUMLAH (Total)	2,941,995	585,225	57,969	14,880	—	5,300	12,280	5,090	305	2,090	85,833	66,545	3,777,512

* MARDI – Malayan Agricultural Research and Development Institute

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PEMBAHAGIAN BENIH-BENIH IKAN AIRTAWAR, 1979

(DISTRIBUTION OF FRESHWATER FISH FRY, 1979)

Jadual (Table) 5.5

Negeri (State)	Kepada Penternak (To Farmers)											
	Lampam Jawa	Lee Koh (Common Carp)	Sepat Siam	Kap Rumput (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Kalui	Tilapia	Kap Cermin (Mirror Carp)	Udang Galah	Tamakang	Kap Jepun (Japanese Carp)	Jumlah (Total)
Perlis	17,904	8,397	2,540	3,210	2,240	—	200	—	—	—	—	34,491
Kedah	96,246	43,568	12,672	8,463	6,787	—	1,300	—	—	—	—	169,036
P. Pinang	14,770	9,660	—	7,010	4,910	—	740	—	—	—	—	37,090
Perak	251,878	32,111	27,027	39,240	16,291	1,050	1,000	1,500	—	90	—	370,187
Selangor	136,535	29,273	—	1,740	3,060	—	—	—	—	—	—	170,608
Negeri Sembilan	310,561	113,921	—	9,065	5,545	—	—	—	—	—	—	439,092
Melaka	46,110	23,060	—	—	—	—	—	—	—	—	—	69,170
Johore	35,725	8,510	—	—	—	—	—	—	—	—	250	44,485
Pahang	127,825	40,112	—	300	200	—	—	2,030	—	—	—	170,467
Trengganu	77,525	57,270	990	—	—	—	—	—	—	—	—	135,785
Kelantan	89,856	117,213	2,000	16,805	16,702	—	—	—	—	—	—	242,576
Wilayah (Federal Territory)	12,250	3,775	—	—	—	—	—	—	—	—	—	16,025
JUMLAH (Total)	1,217,185	486,870	45,229	85,833	55,735	1,050	3,240	3,530	—	90	250	1,899,012

Negeri (State)	Pelepasan kedalam Perairan Umum (Stocking in Open and Impounded Waters)								Kegunaan Pelbagai (Research and Miscellaneous Purpose)										Jumlah Besar (Grand Total)	
	Lampam Jawa	Lee Koh (Common Carp)	Sepat Siam	Kap Cermin (Mirror Carp)	Temakang	Kalui	Kap Cermin Kacukan (Mirror Carp Hybrid)	Jumlah (Total)	Lampam Jawa	Kee Koh	Sepat Siam	Kap Cermin (Mirror Carp)	Temakang	Kap Cermin Kacukan (Mirror Carp Hybrid)	Kalui	Tilapia	Kap Kepala Besar	Kap Jepun		Jumlah (Total)
Perlis	-	-	-	-	-	-	-	-	10,100	100	100	-	-	-	-	10,100	-	-	20,400	54,891
Kedah	59,000	-	-	-	-	-	-	59,000	570	370	450	-	-	-	-	570	-	-	1,960	229,996
P. Pinang	-	-	-	-	-	-	-	-	6,600	6,030	-	100	-	-	-	970	-	-	13,700	50,790
Perak	1,107,325	18,500	15,000	3,000	5,000	1,000	5,100	1,154,925	1,075	11,380	5,720	5,550	-	300	40	-	-	55	24,120	1,549,232
Selangor	34,000	1,000	2,000	-	-	-	-	37,000	18,300	3,425	-	-	-	-	-	-	-	-	21,725	229,333
N. Sembilan	105,000	100	-	-	-	-	-	105,100	-	-	-	-	-	-	-	-	-	-	-	544,192
Melaka	13,500	-	-	-	-	-	-	13,500	-	-	-	-	-	-	-	-	-	-	-	82,670
Johor	10,000	-	-	-	-	-	-	10,000	40,000	-	-	-	-	-	-	-	-	-	40,000	94,485
Pahang	84,000	-	-	-	-	-	-	84,000	250	100	-	-	-	-	-	-	-	-	350	254,817
Trengganu	83,590	1,750	-	-	-	-	-	85,340	-	-	-	-	-	-	-	-	-	-	-	221,125
Kelantan	1,500	500	-	-	-	-	-	2,000	146,000	55,100	20	-	-	-	-	-	260	-	201,380	445,956
Wilayah	4,000	-	-	-	-	-	-	4,000	-	-	-	-	-	-	-	-	-	-	-	20,025
JUMLAH (Total)	1,501,915	21,850	17,000	3,000	5,000	1,000	5,100	1,554,865	222,895	76,505	6,290	5,650	-	300	40	11,640	260	55	323,635	3,777,512

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA BORONG IKAN AIRTAWAR DIPASAR-PASAR UTAMA MENGIKUT BULAN – 1979
(Wholesale Prices of Freshwater Fishes at Major Markets by Month – 1979)
(MS/Kati)

Jadual (Table) 5.6

JENIS IKAN (TYPE OF FISH)		Jan.	Feb.	Mar.	Apr.	Mei	Jun.	Jul.	Ogos.	Sept.	Okt.	Nov.	Dis.	Purata (Average)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)													
Baung	Mystus nemurus	1.56	—	1.70	1.70	1.50	2.05	1.33	1.21	1.50	1.47	1.38	1.45	1.53
Belidah	Notopetrus chiltala	0.80	—	0.60	0.60	0.60	—	0.80	0.50	0.90	1.20	0.85	0.60	0.75
Haruan	Chana striatus	1.47	1.80	1.38	1.39	1.38	1.38	1.34	1.41	1.43	1.20	1.39	1.48	1.42
Kalui	Osphronemus goramy	—	—	0.90	—	—	0.80	0.80	0.80	0.80	0.90	0.80	1.15	0.87
Kap Rumput	Ctenopharyngodon idollus	1.39	1.48	1.37	1.41	1.48	1.52	1.40	1.42	1.48	1.32	1.40	1.20	1.41
Kelisa	—	—	—	—	—	—	—	—	—	—	—	20.00	8.00	14.00
Keli	Clarias batrachus	1.40	1.20	1.08	1.09	1.15	1.32	1.15	1.26	1.15	1.21	1.42	1.37	1.23
Ketutu	Oxyeleotris marmoratus	8.18	8.50	8.06	8.00	8.25	8.00	8.00	8.00	8.25	8.00	8.00	8.25	8.12
Kepala Besar	Aristichthys nobilis	1.17	1.36	1.28	1.30	1.20	1.34	1.00	1.02	1.10	1.05	1.11	1.04	1.16
Jenkua	Morulus	0.97	—	—	—	—	—	—	—	—	—	—	—	0.97
Lampam Jawa	Puntius gonionotus	1.33	1.65	1.32	1.42	1.23	1.37	1.31	1.48	1.30	1.20	1.45	1.40	1.37
Lampam Sungei	Puntius schwarefeldii	1.34	—	0.95	0.80	1.35	1.37	0.78	0.77	0.75	0.85	0.90	1.13	1.00
Lawang	Pangasius micronemus	0.93	—	—	—	—	—	—	—	—	—	—	—	0.93
Lee Koh	Cyprinus carpio	1.40	1.40	1.28	1.30	1.31	1.38	1.35	1.20	1.18	1.18	1.29	1.31	1.30
Limbati	Clarias nieuhofi C.V.	—	—	—	—	—	—	0.90	—	—	0.90	0.80	0.80	0.85
Pucuk Pisang	—	—	—	0.80	—	—	—	—	—	—	0.70	0.70	0.70	0.73
Putih/Seluang	Puntius binotatus	0.70	—	—	—	—	—	—	—	—	—	—	—	0.70
Puyu	Anabas testudineus	—	—	—	—	—	0.60	—	—	0.80	1.00	—	0.70	0.78
Sebarau	Hampala macrolepidota V. Hasselt	—	—	—	—	—	1.00	1.00	0.80	0.80	0.70	0.70	1.20	0.89
Sepat Siam	Trichogaster pectoralis	0.70	0.80	0.87	0.87	—	—	0.72	0.76	0.90	0.69	0.84	0.81	0.80
Tapah	Wallogo attu (Bl. Scha)	—	—	1.57	—	1.40	1.65	1.70	1.80	1.90	2.08	2.15	2.15	1.82
Temakang	Helostoma temminckii	—	—	1.04	1.10	—	1.20	1.20	1.20	1.05	1.40	1.20	1.20	1.18
Temoleh	Probarbus julieni Sauvage	—	—	—	—	—	—	—	—	—	—	—	1.80	1.80
Tenggalan	Puntius bulu	1.10	—	—	—	—	—	—	—	—	—	—	—	1.10
Terubol	Osteochilus hasselti	0.51	—	1.00	0.72	0.60	0.70	0.60	0.60	0.60	0.65	0.60	0.63	0.66
Tilapia	Tilapia mossambica	—	—	0.50	0.50	0.50	0.50	0.72	0.47	0.50	0.52	0.54	0.53	0.53
Toman	Chana micropeltes C.V.	—	—	1.35	—	—	1.80	1.50	1.50	1.50	1.50	1.05	1.10	1.41
Udang Galah	Macrobrachium rosenbergi	7.75	—	7.75	7.75	7.00	7.70	7.67	7.83	7.80	8.25	9.63	8.33	7.95
Pelbagai	Miscellaneous	0.45	—	0.95	1.00	—	0.40	—	0.40	0.40	0.40	0.45	0.40	0.54
Bujuk	Chana sp.	—	—	0.75	—	—	0.80	—	0.80	0.80	0.70	0.70	0.70	0.75

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA RUNCIT IKAN AIRTAWAR DIPASAR-PASAR UTAMA MENGIKUT BULAN – 1979
(Retail Prices of Freshwater Fishes at Major Markets by Month – 1979)
(M\$/Kati)

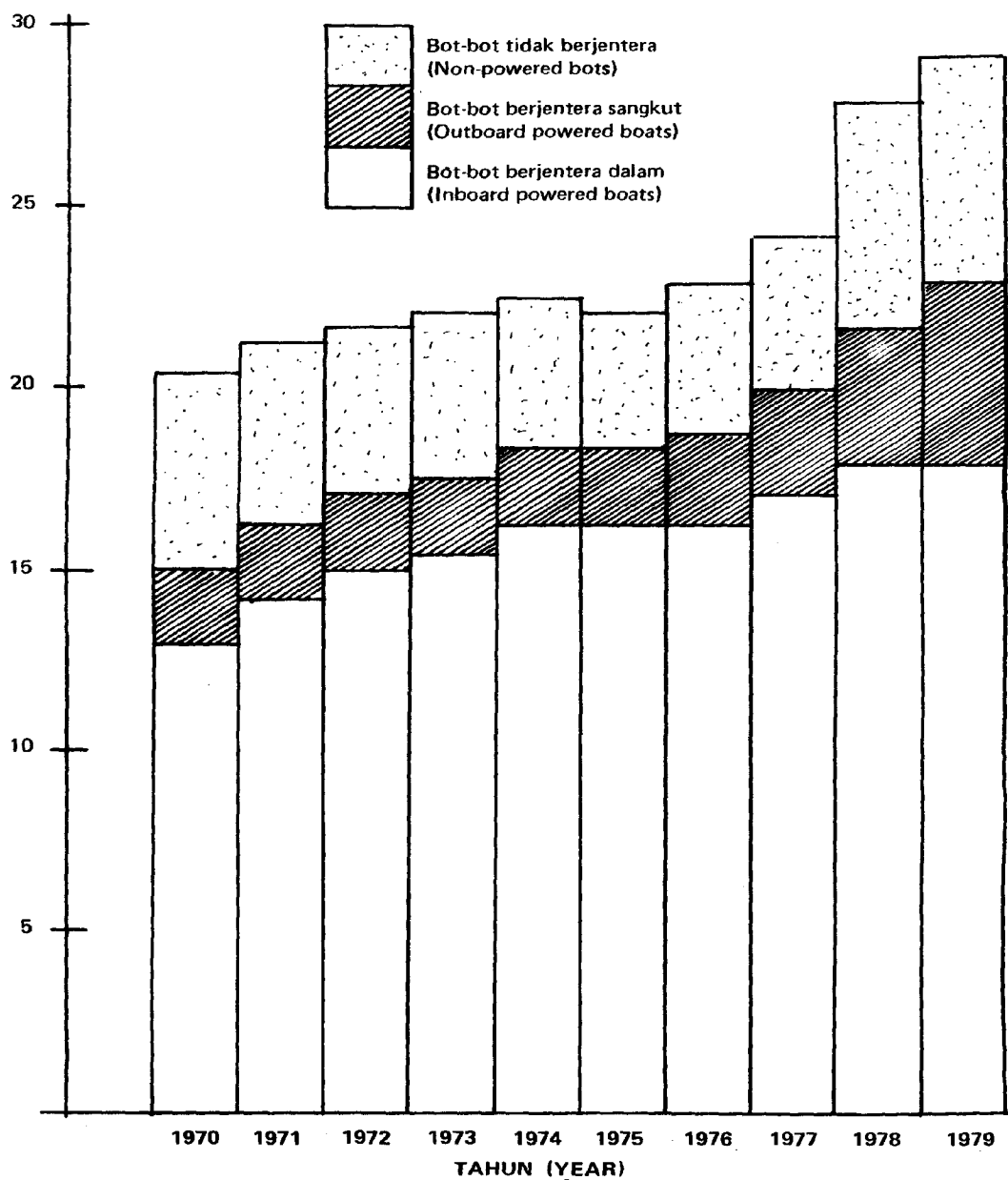
Jadual (Table) 5.7

JENIS IKAN (TYPE OF FISH)		Jan.	Feb.	Mac.	Apr.	Mei	Jun.	Jul.	Ogos.	Sept.	Okt.	Nov.	Dis.	Pulata (Average)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)													
Buang	<i>Myxus namurus</i>	2.81	3.25	1.98	2.49	2.10	2.42	2.68	2.48	2.58	2.17	1.92	2.45	2.44
Belidah	<i>Notopetrus chiltala</i>	1.75	2.10	1.00	0.85	1.38	3.80	1.83	1.38	1.83	2.00	1.20	1.55	1.72
Bujuk	<i>Chana Sp.</i>	—	—	0.85	—	—	1.00	—	0.85	0.85	0.80	0.80	0.80	0.85
Haruan	<i>Chana striatus</i>	1.83	2.08	1.79	1.73	1.73	1.62	1.83	1.86	1.84	1.68	1.80	1.78	1.80
Jelawat	<i>Leptobarbus hoeveni</i>	26.00	27.50	36.50	—	37.50	35.00	32.50	31.00	32.50	28.00	—	25.00	31.15
Kalui	<i>Osphronemus goramy</i>	—	—	1.00	—	—	1.00	1.60	1.00	1.00	1.00	1.00	1.00	1.08
Kap Rumpit	<i>Ctenopharyngodon idollus</i>	2.16	2.03	1.94	1.73	1.86	1.99	1.85	2.04	1.93	1.97	1.86	1.67	1.92
Kelisa	—	—	—	—	—	—	—	—	—	—	—	30.00	15.00	22.50
Keli	<i>Clarias batrachus</i>	1.67	1.85	1.68	1.57	1.61	1.60	—	1.65	1.57	1.06	1.72	1.72	1.61
Ketutu	<i>Oxyeleotris marmoratus</i>	9.87	9.50	9.50	9.50	9.75	9.32	9.25	9.31	9.63	9.32	9.38	9.50	9.49
Kepala Besar	<i>Aristichthys nobilis</i>	1.95	1.65	2.06	1.66	1.80	1.70	1.80	1.82	1.83	1.82	1.79	1.74	1.80
Kelah	<i>Tor tambroides</i>	6.00	5.50	8.00	—	7.50	7.50	7.25	7.00	7.00	5.00	—	5.00	6.58
Kerai Putih	—	—	4.30	—	—	8.00	—	—	—	—	3.50	—	4.25	5.01
Kerai Kuning	<i>Puntius daruphani</i>	—	5.00	—	4.00	4.20	—	4.75	5.00	5.00	3.50	—	3.75	4.40
Lampam Jawa	<i>Puntius gonionotus</i>	2.09	2.00	1.77	1.69	1.75	1.72	1.79	1.25	1.77	1.90	1.75	1.78	1.77
Lampam Sungai	<i>Puntius schwerefeldii</i>	2.21	2.50	1.10	1.55	1.98	1.95	—	2.07	2.22	1.98	1.63	1.88	1.92
Lawang	<i>Pangasius micronemus</i>	4.50	4.50	4.50	—	4.00	5.00	—	4.00	4.00	—	—	4.00	4.31
Lee Koh	<i>Cyprinus carpio</i>	1.61	2.10	1.66	1.64	1.65	1.55	1.76	1.85	1.76	1.83	1.77	1.80	1.75
Limbati	<i>Clarias nieuhoffi</i> C.V.	—	—	—	—	—	—	1.00	—	—	1.00	1.00	1.00	1.00
Pucuk Pisang	—	—	—	0.90	—	—	—	—	—	—	0.85	0.85	0.80	0.85
Putih/Seluang	<i>Puntius binotatus</i>	1.50	—	1.50	1.50	1.50	1.20	1.79	1.80	1.40	1.50	—	—	1.52
Puyu	<i>Anabas testudineus</i>	—	—	0.80	—	—	0.80	—	—	1.60	1.60	0.90	—	1.14
Patin	<i>Pangasius pangasius</i>	6.00	5.70	4.85	—	6.50	7.20	5.17	3.65	7.25	8.00	2.80	6.67	5.80
Sebarau	<i>Hampala macrolepidota</i> V. Hasselt	—	—	2.00	—	—	2.35	1.10	1.00	1.50	0.80	0.80	0.80	1.29
Sepat Siam	<i>Trichogaster pectoralis</i>	1.04	1.70	1.54	1.06	1.10	1.05	1.24	1.53	1.18	1.09	1.10	1.10	1.23
Sepat Biasa	<i>Trichogaster trichopterus</i>	—	—	1.29	—	—	—	—	—	—	—	—	1.10	1.20
Tapah	<i>Wallogo attu</i> (Bl. Scha)	—	—	1.90	—	2.13	2.35	2.15	2.30	2.88	2.92	2.25	2.50	2.38
Temakang	<i>Helostoma temminckii</i>	1.00	—	1.15	1.20	—	1.50	1.50	1.40	1.50	1.50	1.40	1.40	1.36
Temoleh	<i>Probarbus julieni</i> Sauvage	—	—	2.35	—	—	3.60	2.30	—	—	2.00	2.60	2.60	2.58
Tenggalan	<i>Puntius bulu</i>	4.73	4.70	6.00	—	5.25	6.50	6.43	2.60	6.46	5.70	6.43	6.27	5.55
Terubol	<i>Osteochilus hasselti</i>	1.20	1.20	1.15	0.88	1.38	0.90	1.19	0.76	0.80	0.75	—	0.80	1.00
Tilapia	<i>Tilapia mossambica</i>	0.97	1.20	1.11	0.74	0.75	0.75	1.33	1.11	1.40	1.18	—	0.74	1.03
Toman	<i>Chana macropeltes</i> C.V.	—	—	1.75	—	—	2.37	1.70	1.70	1.70	1.70	1.20	1.25	1.67
Udang Galah	<i>Macrobrachium rosenbergi</i>	8.50	8.00	9.67	9.58	8.40	8.06	9.67	9.75	9.65	8.09	10.80	10.75	9.24
Pelbagai	Miscellaneous	1.93	—	1.82	1.20	—	0.60	1.52	0.60	0.60	0.60	0.70	0.60	1.02

**BILANGAN BOT-BOT BERJENTERA DALAM, BERJENTERA SANGKUT
DAN TIDAK BERJENTERA YANG DILESENKAN BAGI JANGKA
MASA 1970 – 1979**

(Number of Inboard Powered, Outboard Powered and
Non-Powered Fishing Boats Licensed in the Period
1970 – 1979)

Bil. Bot '000
(No. of Boats '000)

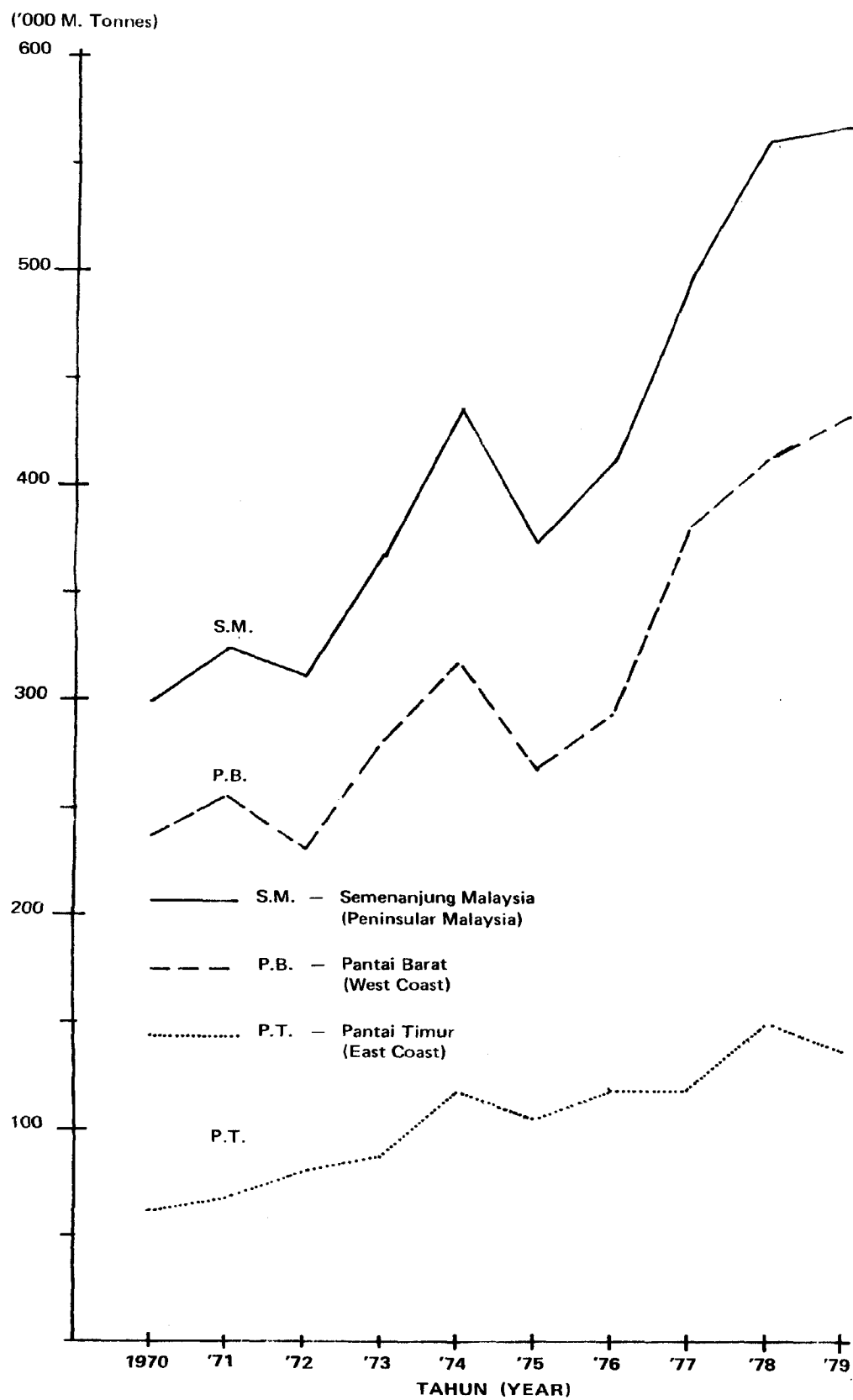


SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

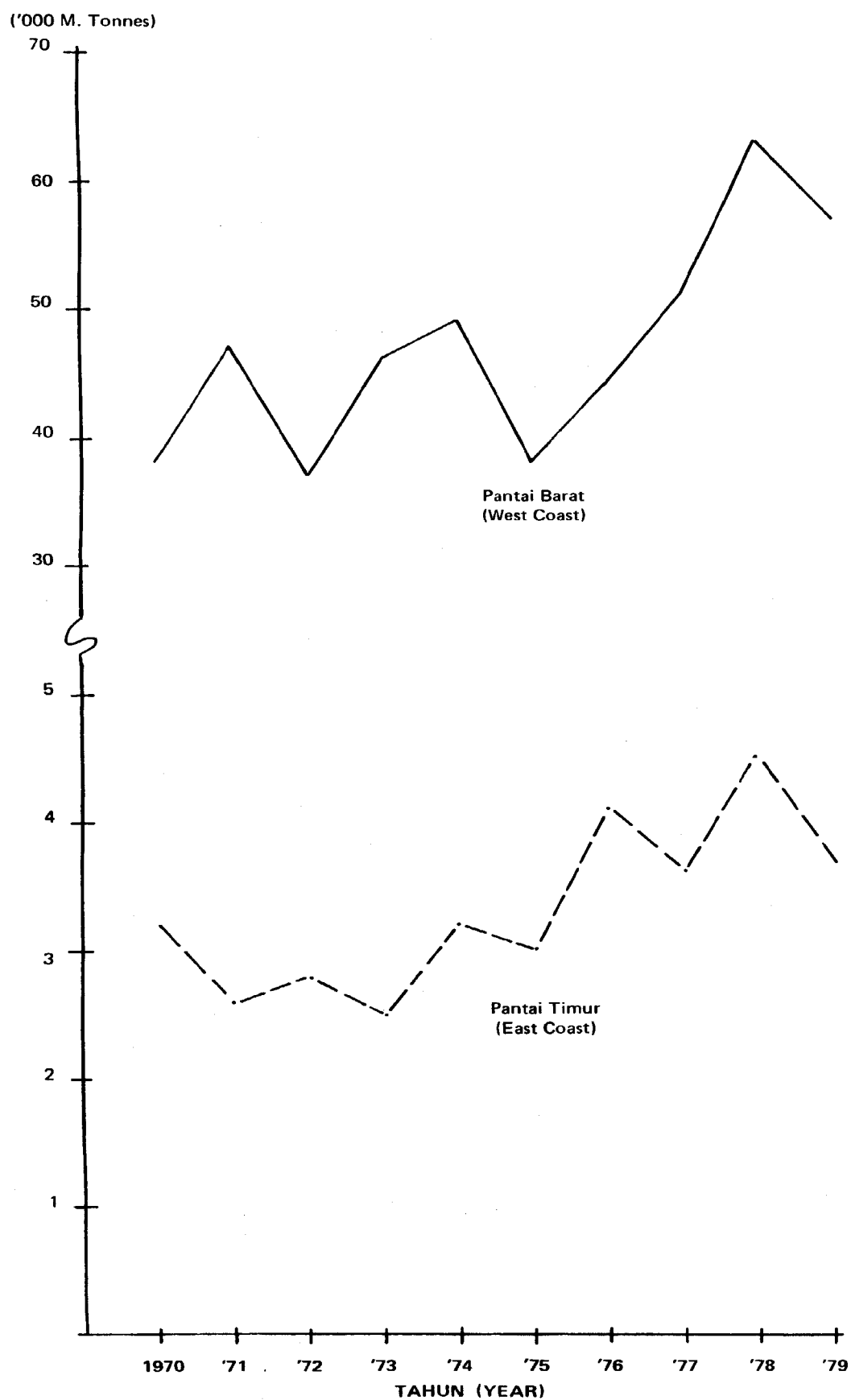
ALIRAN PENDARATAN IKAN LAUT 1970 – 1979

(Trend of Marine Fish Landings, 1970 – 1979)

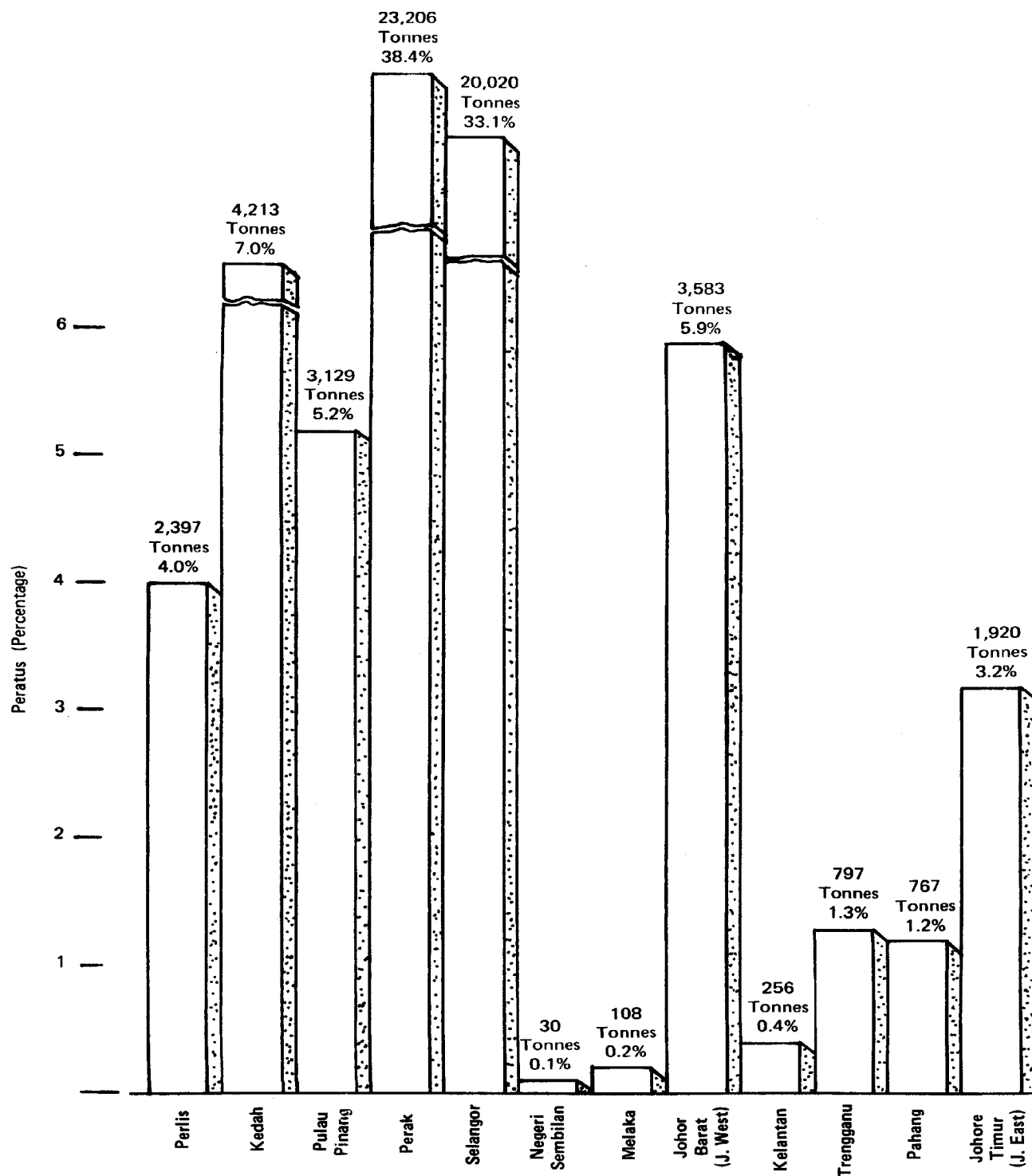
Peta (Chart) B



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ALIRAN PENDARATAN UDANG, 1970 – 1979
(Trend of Prawn Landings, 1970 – 1979)

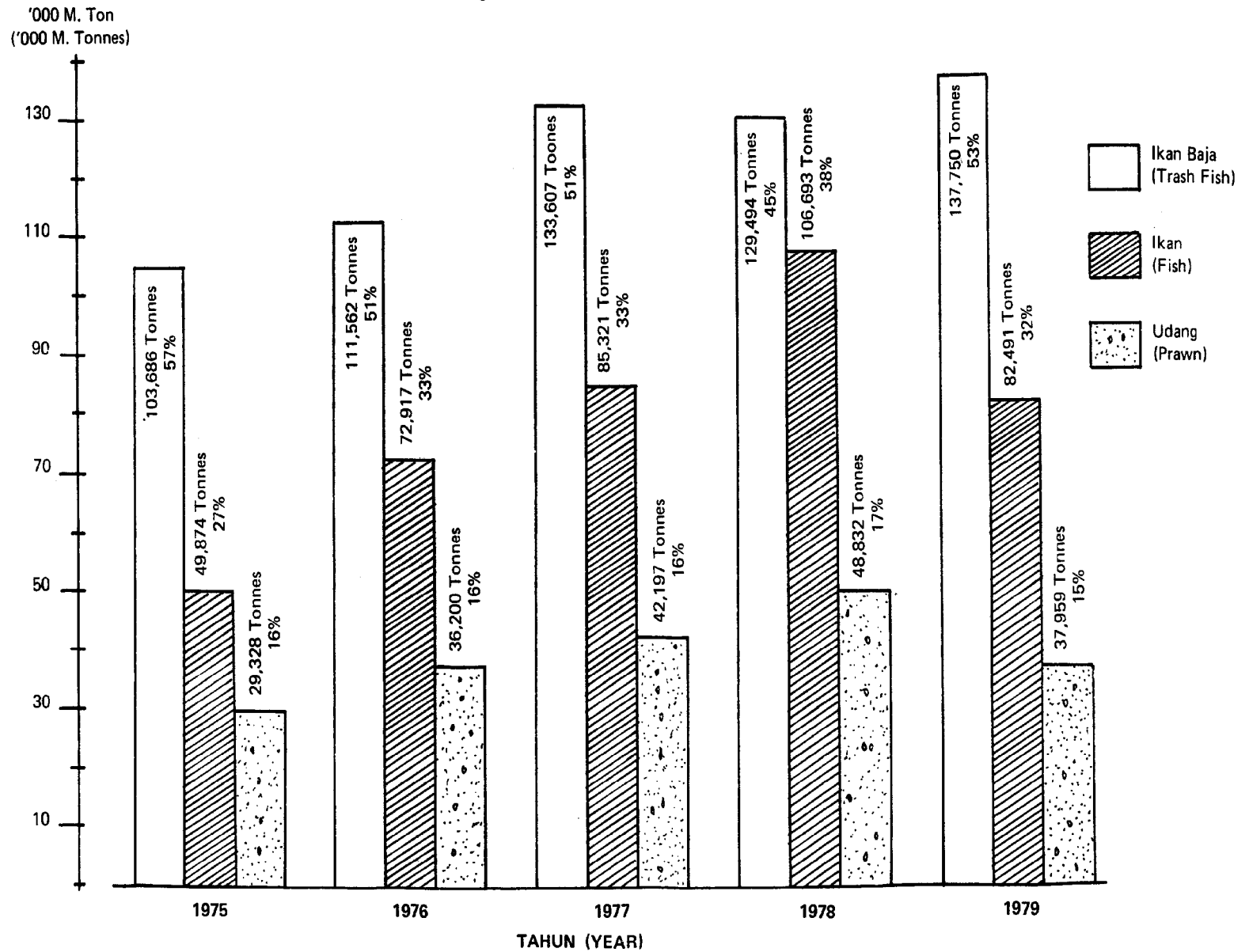


SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENDARATAN UDANG, 1979
(Prawn Landings in 1979)

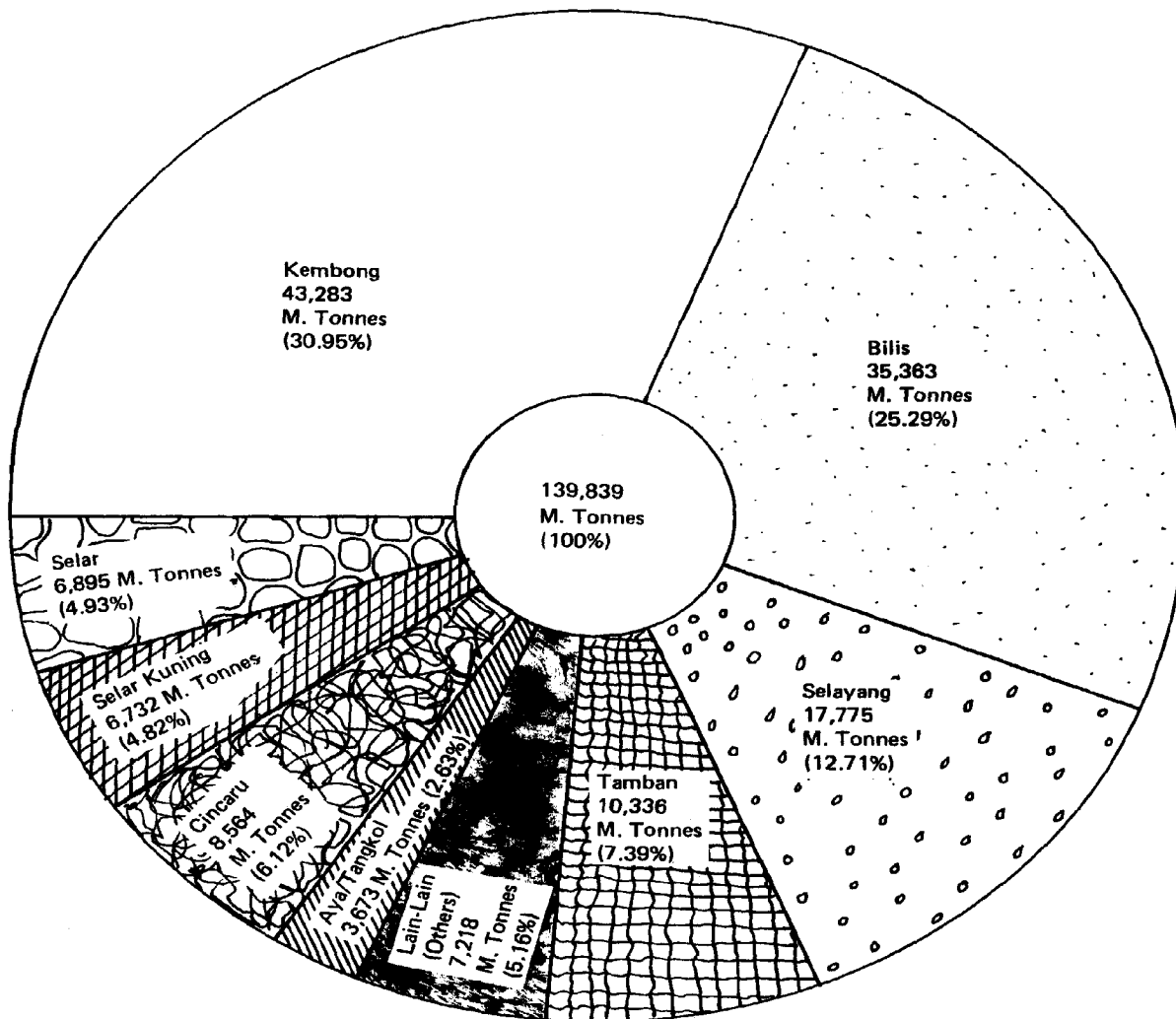


PENDARATAN PUKAT TUNDA DISEMENANJUNG MALAYSIA, 1975 – 1979
(Trawl Landings in Peninsular Malaysia, 1975 – 1979)

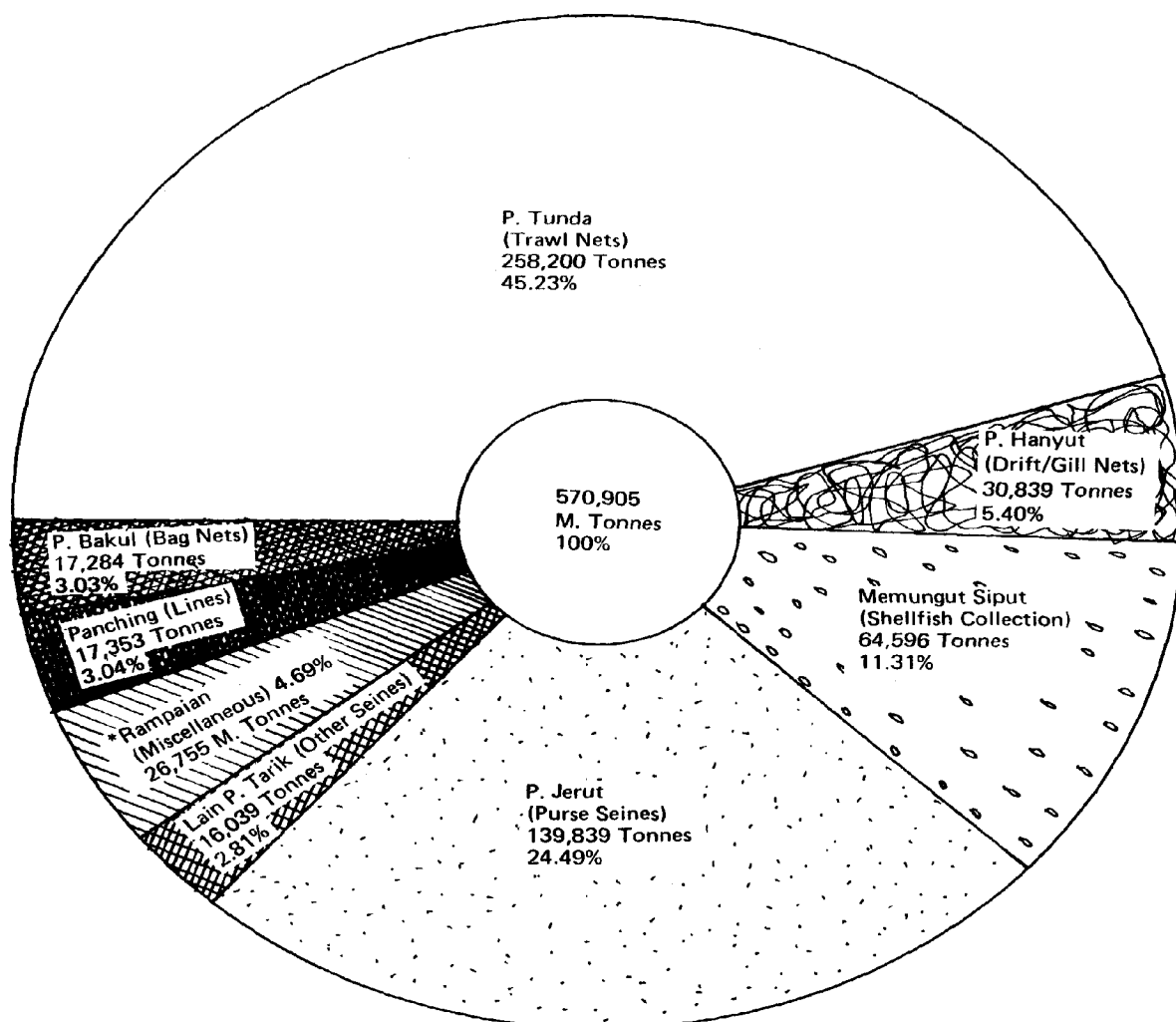
Peta (Chart) E



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENDARATAN PUKAT JERUT MENGIKUT JENIS IKAN – 1979
 (Purse Seine Landings by Type of Fish – 1979)



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS – 1979
(Landings of Marine Fish by Gear Group – 1979)

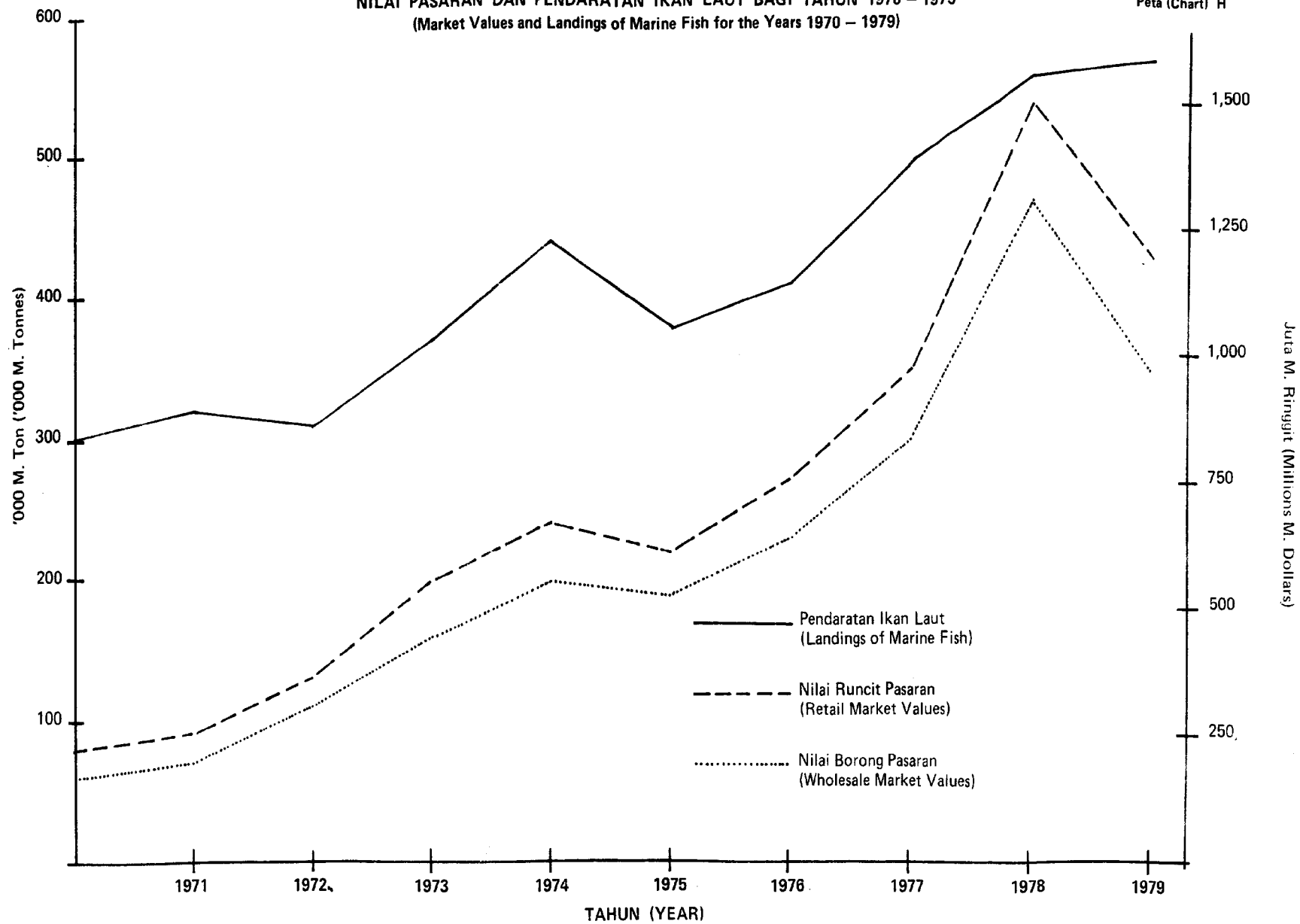


* Rampaian Termasuk P. Tangguk, Belat-Belat, Bubu, P. Rentang, P. Surung, dll.

(Miscellaneous Including Lift Nets, Stationary and Portable Traps, Barrier Nets, Push Nets and Others).

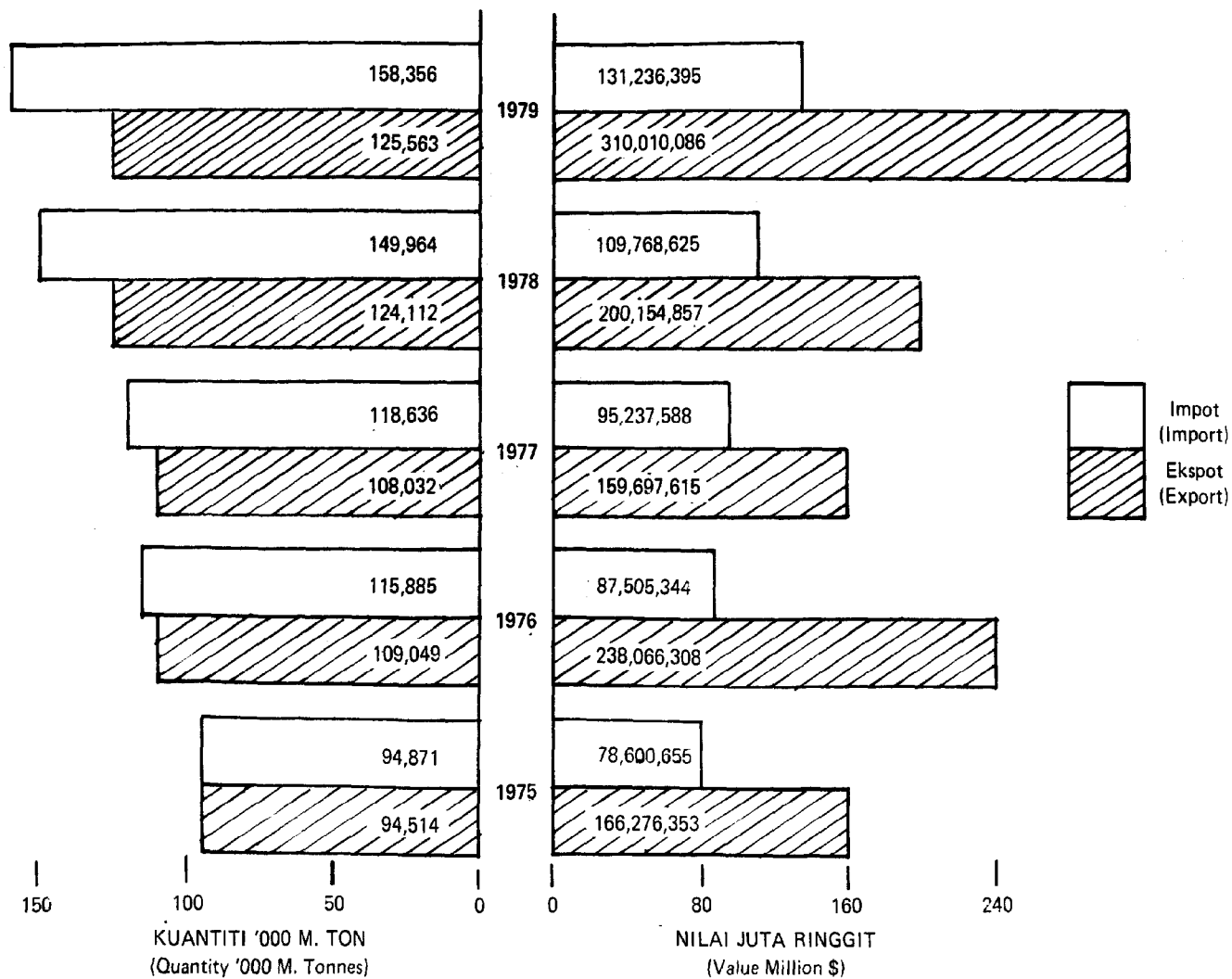
NILAI PASARAN DAN PENDARATAN IKAN LAUT BAGI TAHUN 1970 – 1979
(Market Values and Landings of Marine Fish for the Years 1970 – 1979)

Peta (Chart) H

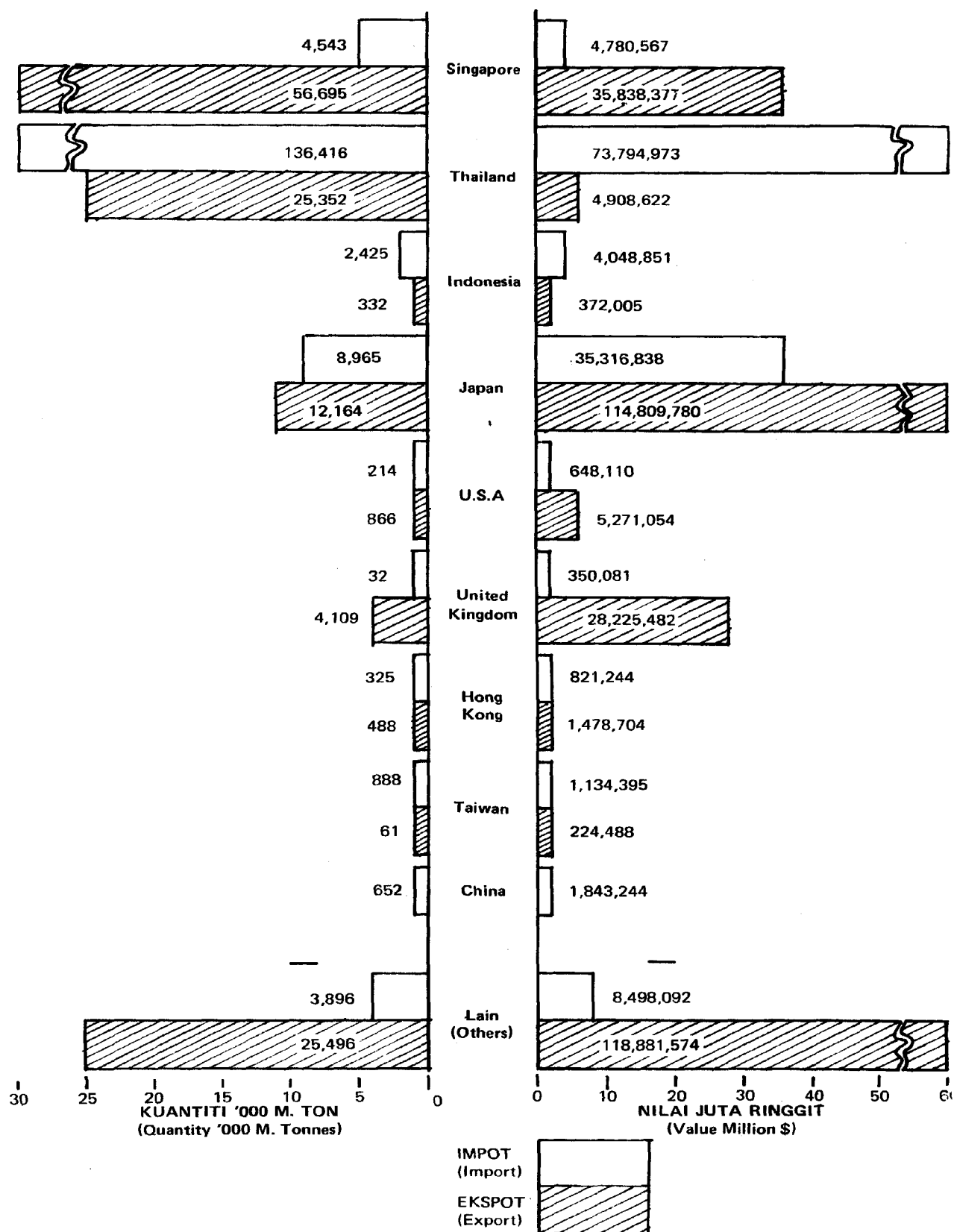


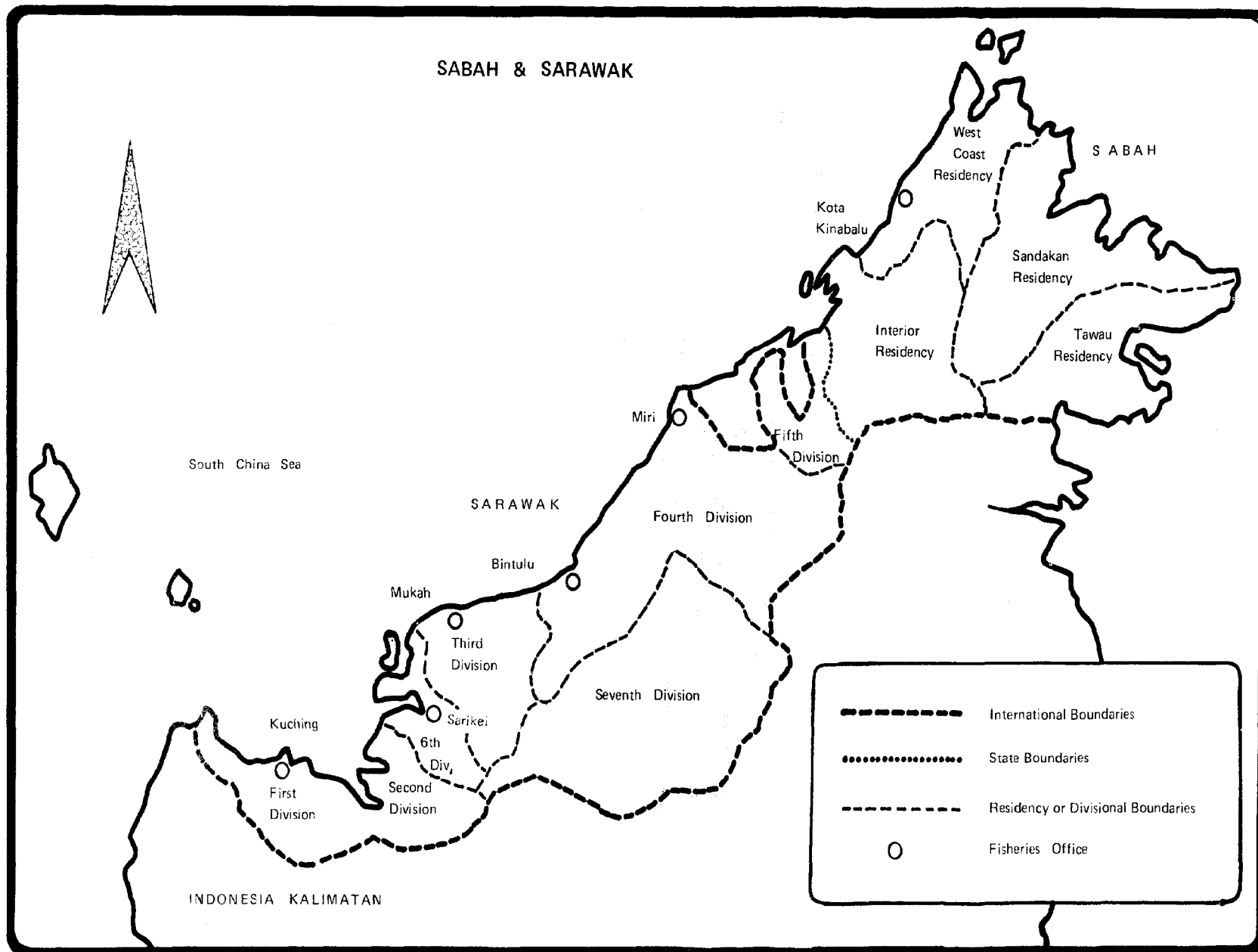
SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
SERI TAHUNAN IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT KUANTITI DAN NILAI
 (Annual Series of Fishery Commodities Import and Export by Quantity and Value)

Peta (Chart) I



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPOT DAN EKSPOT BARANGAN PERIKANAN
MENGIKUT KUANTITI, NILAI DAN NEGERI ASAL/DESTINASI, 1979
 (Import and Export of Fishery Commodities
 by Quantity, Value and Country of Origin/Destination, 1979)







SABAH & SARAWAK

PENGELUARAN IKAN MENGIKUT JENIS KUMPULAN IKAN, SABAH

(Production of Fish by Group of Species, Sabah)

1970 – 1979

Jadual (Table) 6.1

Jenis Kumpulan Ikan (Group of Species)	Kuantiti (Quantities) ('000 Metric Tonnes)									
	1970	1971	1972	1973	1974	1975	1976	1977*	1978*	1979
Freshwater fishes	1.016	1.016	1.016	1.016	1.016	1.016	1.000	1.300	1.500	1.700
Shads, mild fishes, etc.	1.727	1.727	1.727	1.829	1.829	1.829	1.500	0.300	0.400	1.000
Flounders, soles, etc.	0.813	0.813	0.915	1.016	1.016	1.016	1.000	0.100	0.500	0.400
Redfishes, basses, congers, etc.	3.251	3.251	3.454	4.572	4.572	4.877	4.500	6.300	7.300	8.200
Jacks, mullets, etc.	2.947	2.743	2.845	3.048	3.048	3.454	3.200	7.500	6.200	7.400
Herrings, sardines, anchovies, etc.	4.064	4.064	3.861	3.861	3.861	3.962	3.700	1.800	1.100	1.300
Tunas, bonitos, skipjacks	0.813	0.610	0.610	0.610	0.813	0.915	0.800	1.200	1.000	2.000
Mackerels, billfishes, etc.	1.727	1.727	1.727	2.032	2.133	2.235	2.000	7.400	11.000	6.500
Sharks, rays	1.829	1.829	1.829	1.829	1.930	1.829	1.700	0.700	0.500	1.700
Slipmouths (Leiognathus spp.)	1.422	1.626	1.524	2.845	3.048	3.353	3.000	0.400	0.600	0.400
Unsorted and unidentified fishes	2.032	2.032	2.235	2.845	3.048	2.946	2.600	1.500	1.200	1.200
Crustaceans	4.470	5.283	5.486	5.689	5.893	5.588	5.700	6.600	8.000	8.500
Molluscs	0.406	0.508	0.406	0.508	0.610	0.508	0.500	0.600	1.600	1.000
Beche de-mer, sea-urchins, etc.	0.102	0.102	0.102	0.102	0.102	0.102	0.100	0.100	0.200	0.300
Pearls, shells, corals, etc.	0.406	0.406	0.406	0.406	0.406	0.406	0.400	0.400	0.500	0.300
JUMLAH (Total):—	27.025	27.737	28.143	32.208	33.325	34.036	31.700	36.200	41.600	41.900

* Perangkaan 1977 dan 1978 telah dipindahkan.
(Data for 1977 and 1978 are revised figures)

NILAI IKAN YANG DIDARATKAN DISABAH

(Value of Fish Landed in Sabah)

1970 - 1979

Jadual (Table) 6.2

Jenis Kumpulan Ikan (Groups of Species)	Nilai (Value) ('000 M.\$)									
	1970	1971	1972	1973	1974	1975	1976	1977	1978*	1979
Freshwater fishes	1,200	1,400	1,800	2,000	2,000	2,600	2,800	3,700	4,270	5,620
Shads, milkfishes, etc.	600	600	680	900	900	1,500	1,380	280	380	1,000
Flounders, soles, etc.	740	760	900	1,200	1,200	1,600	1,760	180	900	760
Redfishes, basses, congers, etc.	3,000	3,200	4,080	5,100	6,040	7,900	8,150	11,780	14,000	17,910
Jacks, mullets, etc.	3,400	3,200	3,360	4,200	4,500	6,650	6,890	17,100	15,000	18,800
Herrings, sardines, anchovies, etc.	1,850	2,000	1,900	1,900	1,900	2,280	2,380	1,200	800	850
Tunas, bonitos, skipjacks	480	360	360	360	560	750	730	1,100	1,000	1,900
Mackerels, billfishes, etc.	2,000	2,200	2,200	3,200	3,360	4,220	4,220	15,700	23,700	17,200
Sharks, rays	860	720	1,080	1,080	1,140	1,300	1,350	560	400	1,680
Slipmouths (Leiognathus spp.)	600	640	600	1,120	1,350	1,730	1,730	240	400	400
Unsorted and unidentified fishes	2,000	2,000	1,540	280	480	700	690	400	300	400
Crustaceans	10,120	14,000	19,300	20,460	21,460	24,000	28,000	32,400	42,020	49,500 -
Molluscs	320	400	520	600	720	720	790	950	2,600	2,230 -
Bech-de-mer, sea urchins, etc.	50	50	50	50	50	60	70	80	250	400 -
Pearls, shells, corals, etc.	500	500	400	500	500	600	660	700	1,100	1,000 -
JUMLAH (Total)	27,720	32,030	38,770	42,950	46,160	56,610	61,600	86,370	107,120	119,650

* Perangkaan 1978 telah dipindahkan
(Data for 1978 are revised figures)

BILANGAN BOT-BOT PERIKANAN DISABAH

(Number of Fishing Boats in Sabah)

1962 – 1979

Jadual (Table) 6.3

Tahun (Year)	Total No. of Fishing Boats	Number of Non-Powered Boats	Number Motorised	
			With Inboard Engines	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

SABAH
BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS
PERKAKAS DAN DAERAH, 1979.
(Number of Licenses issued by Type of Gear and District, 1979.)

Jadual (Table) 6.4

Type of Gear \ District	District												Total
	Tawau	Semporna	Sandakan	Lahad Datu	Beluran	Kudat	Kota Belud	Tuaran	Kota Kinabalu	Papar	Beaufort	Labuan	
Kelong	—	—	87	14	—	17	—	1	3	—	—	53	175
Belat	—	—	11	—	—	—	—	8	—	1	—	—	20
Tugoh	35	—	6	—	—	—	—	—	—	—	—	—	41
Trawl	111	19	199	3	9	57	8	—	113	2	38	35	594
Pukat	34	1	25	14	1	30	4	—	15	60	235	12	431
Purse Seine	—	10	3	2	—	—	—	—	—	—	—	—	15
Live Prawns	—	—	—	—	—	—	—	—	7	—	—	—	7
Seaweed	—	31	—	—	—	—	—	—	—	—	—	—	31
Hand Line & Others	2	2	11	—	—	6	—	—	2	14	58	3	98
Total	182	63	342	33	10	110	12	9	140	77	331	103	1,412

ANGGARAN BILANGAN NELAYAN DISABAH
(Estimated Number of Fishermen in Sabah)
1965 — 1979)

Jadual (Table) 6.5

Tahun (Year)	Nelayan Penuh Masa (Full Time Fishermen)	Nelayan Separuh Masa (Part Time Fishermen)
1965	6,800	3,000
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

IMPOT DAN EKSPOT HASIL-HASIL PERIKANAN, SABAH — 1979
(Import and Export of Fisheries Products, Sabah — 1979)

(Kuantiti dalam M. Ton — Quantity in M. Tonnes)

Jadual (Table) 6.6

Description of Commodity	Commodity Code	Unit of Quantity	Imports		Exports	
			Quantity	Value \$	Quantity	Value \$
Beeche-de-Mer	011891	Tonne	79.11	38,404	158.34	219,265
	012902					
Fish fry	034110	1000	112.33	32,350	4.59	7,003
Fish for Aquaria	034120	100	1,375.99	47,590	36.25	4,925
Other fish marine, fresh or chilled	034139	Tonne	46.83	52,565	51.15	173,301
Fish freshwater fresh chilled or frozen	034140	Tonne	0.28	454	—	—
Other fish marine, frozen	034219	Tonne	58.08	121,793	606.74	1,595,665
Fishmaw	035031	Tonne	3.21	66,053	—	—
Sharks fin salted or dried not further prepared	035032	Tonne	14.38	554,454	0.90	15,847
Fish marine, salted or dried	03503910	Tonne	98.33	283,549	4.75	13,012
Fish freshwater salted or dried	0350392	Tonne	0.10	157	—	—
Salmon smoked	035041	Kg	1,208.31	11,444	—	—
Fish smoked except salmon	035049	Kg	1,136.72	7,691	146.05	499
Prawns fresh chilled	036011	Tonne	4.74	24,240	148.25	1,022,762
Prawns fresh frozen	036012	Tonne	15.16	40,020	2,891.57	40,674,239
Crabs lobsters etc. fresh chilled or frozen	036021	Tonne	2.19	19,153	38.21	86,524
Prawns, crabs, lobsters etc. salted in brine, dried or boiled	036028	Tonne	3.71	27,384	0.20	3,809
Oysters fresh	036030	Tonne	13.50	135,781	0.17	7,357
Other molluscs fresh chilled or frozen	036041	Tonne	2.84	16,092	3.45	7,055
Other molluscs salted, in brine	036048	Tonne	30.78	228,052	2.77	11,309
Fish boiled or steamed	037193	Tonne	0.32	1,134	—	—
Sardine canned	037111	Tonne	1,696.04	3,202,714	79.33	216,970
Herring and brisling canned	037112	Tonne	12.70	46,932	—	—
Salmon canned	037114	Tonne	1.81	17,926	—	—
Fish paste and similar preparations	037192	Tonne	1.60	4,729	0.46	2,500
Sharks' fins prepared	037191	Tonne	0.65	22,269	—	—
Tuna canned	037116	Tonne	15.80	35,885	—	—
Fish preparations not canned	037199	Tonne	89.46	184,329	—	—
Sauries canned	037115	Tonne	4.96	12,802	—	—
Horse mackerels canned	037117	Tonne	1,530.95	2,915,809	66.33	170,215
Fish, others canned	037119	Tonne	1,456.23	1,777,568	2.38	6,123
Abalone canned	037211	Tonne	19.78	282,297	1.75	12,750
Prawns and shrimps (Belachan) canned	037212	Tonne	297.14	512,513	1.62	4,966
Crabs canned	037213	Tonne	1.60	8,270	—	—
Cuttlefish canned	037214	Tonne	200.93	476,137	0.39	1,120
Preparations of crustacean and molluscs not canned	037220	Tonne	831.46	341,352	2.45	5,854
Preparations of crustacean and molluscs canned	037219	Tonne	363.50	643,572	2.65	7,096
Prawn dust	081422	Tonne	7.72	8,909	—	—
Fish meal	081421	Tonne	548.41	419,419	—	—
Flour meal of fish, crustaceans and molluscs	081429	Tonne	33.67	10,856	—	—
Fish molluscs and crustaceans and broths	09805920	Kg	123.18	1,651	—	—
Tortoise shell unworked	291160	Tonne	7.45	2,477	0.47	2,539
Coral etc. unworked	291150	Tonne	73.77	120,214	155.43	424,021
Fish waste	291940	Tonne	0.73	2,143	2.13	31,706
Natural sponges	291970	Kg	25.00	48	—	—
Turtle eggs	098081	100	280.00	1,400	—	—
Products of fish, crustaceans and molluscs not for human consumption	291991	Tonne	9.76	1,455	0.15	3,753
Sea grass	292922	Tonne	1.80	519	1.45	3,045
Seaweed products	292981	Tonne	135.43	57,412	36.00	9,747
Pearls not set	667101	Value	—	—	—	445,155
Pearl fragments unworked	667109	Value	—	2,134	—	4,230
TOTAL :			7,719.40 (Tonne)	\$12,822,101	4,259.64 (Tonne)	\$45,194,362

IMPOT DAN EKSPOT HASIL-HASIL PERIKANAN, SABAH
(Import and Export of Fisheries Products, Sabah)
1965 – 1979

(Kuantiti dlm. M. Ton – Qty. in M. Tonnes)

Jadual (Table) 6.7

Tahun (Year)	Impot (Import)*		Ekspot (Export)*	
	Quantity	Value (M.\$)	Quantity	Value (M.\$)
1965	2,332	3,127,038	1,643	4,272,600
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

* Perangkaan Impot dan Ekspot telah dipindahkan
(Data for Import and Export are revised figures)

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT BULAN, 1979
(Monthly Landings of Fish and Prawn by Species, 1979)
(Kuantiti dlm. Pikul – Quantity in Piculs)

Jadual (Table) 7.1

Local Names of Fishes	Scientific Names	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
														(Piculs)	(M. Tonnes)
Lidah	Soleidae	—	—	6	4	11	38	77	72	84	40	53	19	404	24
Sabelah	Cynoglossidae	8	9	20	164	8	64	118	237	382	73	47	29	1,159	70
Bayan	Callyodon spp./thalassoma spp.	2	—	—	—	—	—	—	—	—	—	—	—	2	—
Daun Baharu	Drepane punctata	—	—	2	8	—	64	120	137	115	53	29	21	549	33
Duri (Jahan/Goh)	Tachysuridae	3,850	4,944	6,763	7,904	10,579	17,419	8,351	9,070	8,480	3,146	2,356	944	83,806	5,070
Gelama/Tengkerong	Sciaenidae	1,873	2,682	9,008	6,208	6,649	7,980	6,527	8,125	10,764	7,193	3,732	1,465	72,206	4,368
Jenahak	Lutianidae	139	70	1,569	1,984	1,521	1,561	2,456	2,376	2,807	777	851	361	16,472	997
Kerapu	Epinephalus spp.	104	34	297	395	314	247	226	382	1,504	247	148	172	4,070	246
Kerisi	Nemipteridae	249	150	1,283	800	956	1,921	2,783	2,786	1,029	996	773	266	13,992	846
Kikek	Leiognathidae	51	—	22	59	—	289	231	679	278	9	36	40	1,694	102
Malong	Muraenox cinereus	1,561	618	1,692	3,068	4,539	1,413	2,002	2,636	2,439	1,211	2,043	1,108	24,330	1,472
Pelandok	Lathrinus miniatus F.	7	—	58	—	32	1,180	30	12	25	16	4	42	1,406	85
Semilang	Pletosus spp.	345	575	154	179	184	149	161	154	164	145	59	61	2,330	141
Shrumbu (Senohong/Kapas)	Lactarius lactarius	176	2,868	2,130	1,898	1,527	2,044	2,087	4,242	3,952	2,174	1,074	675	24,847	1,503
Ubi-ubi/Mengkerong	Saurida spp.	—	—	95	18	—	—	—	—	—	2	3	—	118	7
Alu-alu/Kacang-kacang	Sphyrna spp.	22	5	—	—	226	9	106	31	—	—	8	—	407	25
Bawal Puteh/Dueh Puteh	Pampus chinensis	190	400	1,060	1,338	1,295	1,352	2,096	2,484	2,506	958	449	199	14,327	867
Bawal Puteh (Bujang)/ Dueh Puteh (Bujang)	Pampus argenteus	98	96	959	1,447	1,445	1,569	1,388	2,337	1,488	583	221	70	11,701	708
Bawal Hitam/Dueh Hitam	Parastromateus niger	542	1,161	1,783	2,186	2,525	2,760	3,709	2,965	2,926	1,323	973	447	23,301	1,410
Belanak/Kedera	Mugil spp.	124	90	145	151	147	376	424	416	446	206	158	188	2,871	174
Cermin/Sagai	Alectis indica/caranx spp.	—	—	—	—	—	—	—	197	286	36	5	—	524	32
Cincaru (Goronggong)	Negalaspis crydyla	423	121	271	810	1,351	737	971	823	832	211	124	154	6,828	413
Demudok/Rambai	Caranx spp.	36	12	72	39	101	172	251	158	96	64	99	160	1,260	76
Kurau/Senangin	Polynemus tetradactylus	558	1,105	3,396	2,555	3,458	2,514	2,011	1,957	2,083	673	467	198	20,975	1,269
Pelata/Selar	Caranx spp.	1,324	841	650	338	617	947	811	1,108	1,412	522	392	383	9,345	565
Selar Kuning	Caranx spp.	174	97	9	1,027	223	166	121	231	330	459	379	242	3,458	209
Talang	Chorinemus spp.	13	15	26	6	41	28	1	92	18	4	121	58	423	26
Billis	Stolophorus spp.	—	—	10	—	—	—	—	—	—	—	—	—	10	1
Bulan	Megalops cyprinoides	2	5	7	5	6	6	5	3	2	2	2	—	45	3
Parang-parang	Chirocentrus dorab	245	256	246	462	512	675	321	531	344	144	145	132	4,013	243
Tamban	Clupea spp.	473	486	283	397	388	231	183	264	312	268	377	296	3,958	239
Terubok	Clupea macrura	79	216	98	307	524	4,156	4,711	4,211	3,536	1,250	105	23	19,216	1,163
Tongkol/Kayu/Ava	Euthynnus spp.	2,057	1,262	1,182	1,381	1,133	1,515	1,445	1,674	1,204	1,039	1,002	666	15,560	941
Kembong/Temenong	Rastrelliger kanagurta	671	1,614	1,039	1,086	2,129	2,051	4,810	3,099	2,129	1,139	1,200	637	21,604	1,307
Tenggiri	Scomberomenus spp.	1,975	2,425	3,348	4,088	4,278	5,500	4,453	5,939	7,237	3,439	3,115	700	46,497	2,813
Timah	Trichiurus spp.	547	616	118	578	437	611	1,483	2,294	920	2,025	222	189	10,040	607
Yu	Lamniformes	5,031	3,263	2,744	2,111	3,206	4,961	2,909	3,596	4,292	1,280	1,019	523	34,935	2,113
Pari	Order rajiformes	1,280	2,042	3,544	2,530	4,367	3,385	4,796	4,524	4,683	1,997	1,125	608	34,881	2,110

Sambungan (Continued)

Local Names of Fishes	Scientific Names	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
														(Piculs)	(M. Toones)
Baja	—	11,259	14,603	9,824	15,771	28,790	32,628	31,466	30,727	43,359	23,715	7,776	4,504	254,422	15,392
Siakap	Lates calcarifer	—	—	16	186	191	187	187	188	210	—	—	—	1,165	71
Ikan Champur	—	9,979	10,118	17,069	11,514	21,016	14,771	16,837	18,488	15,963	9,637	4,202	3,311	152,905	9,250
Kebasi/Selangat	Dorosoma chacunda	61	—	188	233	399	139	280	73	104	29	135	56	1,697	103
Puput	Pellona spp.	525	997	2,176	2,064	8,872	18,324	2,467	2,497	2,184	1,482	845	274	42,707	2,584
Jamah	Caranx spp.	43	36	141	142	70	283	387	337	292	46	10	8	1,795	109
Perencong	Scaridae	20	105	17	988	—	—	411	145	37	—	21	5	1,749	106
Panjang	Pseudoseianena spp.	403	547	281	498	434	585	492	534	557	235	46	15	4,627	280
Pelayak	Callyodontidae	—	33	453	365	164	172	128	258	50	37	49	23	1,732	105
Impirang	Setipinna taty	321	477	1,566	1,558	1,597	1,863	2,119	2,270	2,094	1,109	473	276	15,723	951
Bulu Ayam	Coillia spp.	200	622	664	295	—	—	43	—	—	—	—	—	1,824	110
Lumi	Harpodon nehereus	778	618	2,411	1,508	1,401	148	807	803	684	219	116	8	9,501	575
Kilat	Pampus spp.	602	771	1,530	2,408	1,821	1,898	1,588	1,583	1,057	797	197	254	14,506	878
Merah	Lutianus spp.	25	16	296	76	168	209	568	142	408	143	262	157	2,470	149
Bulu	Polyemus borneensis	46	140	16	28	31	9	12	14	10	10	—	—	316	19
Empirit	Clupae macrura	329	570	236	442	210	669	661	702	709	386	—	—	4,914	297
Ubor-ubor	—	—	1,510	2,377	949	255	—	—	—	1,224	240	687	50	7,292	441
Ketam	Crustacea	216	199	191	346	329	274	348	346	252	193	255	248	3,197	193
Ketam Laut/Ketam Suri	Crustacea	26	—	—	64	23	60	36	84	625	237	217	13	1,385	84
Udang Karang	Penulirus polyhagus	—	—	14	23	—	—	—	—	—	—	—	—	37	2
Udang Lobok	Thenus orientalis	39	8	42	2	12	4	5	8	7	9	23	12	171	10
Udang/Siar	Metapenaeus spp.	15,302	17,107	17,213	6,317	6,628	7,990	11,760	11,970	14,699	12,657	7,935	9,937	139,535	8,441
Payak	Parapenopsis spp.	15,628	38,790	21,297	6,746	6,494	7,161	7,329	8,022	8,255	3,362	2,747	3,290	129,121	7,811
Udang Baring	Acetus	749	692	1,035	1,323	1,615	1,535	3,407	1,822	1,717	1,732	949	994	17,570	1,063
Udang Galah	Macrobrachium rosenbergi	135	151	135	134	180	200	213	146	196	214	88	75	1,867	113
Sotong	Mollusca	520	456	1,633	2,088	1,402	1,596	1,705	1,874	1,644	966	306	263	14,453	874
Kerang	Anadara spp.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tokoyang	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lokan	Mollusca	—	—	—	—	—	—	—	—	—	8	19	37	64	4
Ambal	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL:—	(PICULS)	81,435	116,644	124,910	101,599	136,831	158,795	145,450	152,876	165,442	91,167	50,274	34,886	1,360,309	
	(M. TONNES)	4,927	7,057	7,557	6,146	8,278	9,606	8,799	9,248	10,009	5,515	3,041	2,110		82,293

1 M. Ton (M. Tonne) = 16.53 Pikul (Piculs)

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT KUMPULAN PERKAKAS, 1979
(Landings of Fish and Prawn by Type of Gear Group, 1979)

Jadual (Table) 7.2

Local Names of Fishes	Scientific Names	Trawl Nets	Seine Nets	Drift/Gill Nets	Fishing Stakes	Hooks and Lines	Traps	Bag Nets	Fish/Scoop/Lift Nets	Barrier Nets	Shellfish Collection	Miscellaneous	TOTAL	
													(Piculs)	(M. Tonnes)
Lidah	Soleidae	243	4	1	152	—	—	—	—	4	—	—	404	24
Sabelah	Cynoglossidae	1,111	26	16	—	—	—	—	—	6	—	—	1,159	70
Bayan	Calliodon spp./Thalassoma spp.	—	—	2	—	—	—	—	—	—	—	—	2	0
Daun Baharu	Drepane punctata	544	—	3	—	—	—	—	—	2	—	—	549	33
Duri (Jahan/Goh)	Tachysuridae	48,292	171	25,668	1,472	7,920	—	—	—	283	—	—	83,806	5,070
Gelama/Tengkerong	Sciaenidae	64,918	170	3,545	2,439	—	—	—	—	1,134	—	—	72,206	4,368
Jehanak	Lutianidae	15,872	—	331	9	160	—	—	—	100	—	—	16,472	997
Kerapu	Epinephalus spp.	1,646	6	1,458	—	309	163	—	—	488	—	—	4,070	246
Kerisi	Nemipteridae	12,808	—	631	153	5	176	—	—	219	—	—	13,992	846
Kikek	Leiognathidae	1,610	11	73	—	—	—	—	—	—	—	—	1,694	102
Malong	Muraenesox cinereus	21,960	—	2,283	39	48	—	—	—	—	—	—	24,330	1,472
Pelandok	Lathrinus miniatus F.	1,185	—	88	—	133	—	—	—	—	—	—	1,406	85
Semilang	Pletosus spp.	110	103	1,109	405	98	—	—	—	505	—	—	2,330	141
Shrumbu(Senohong/Kapas)	Lactarius lactarius	24,563	18	140	126	—	—	—	—	—	—	—	24,847	1,503
Ubi-ubi/Mengkerong	Sauride spp.	115	—	3	—	—	—	—	—	—	—	—	118	7
Alu-alu/Kacang Kacang	Sphyræna spp.	366	20	15	—	6	—	—	—	—	—	—	407	25
Bawal Putih/Dueh Putih	Pampus chinensis	9,430	25	4,697	175	—	—	—	—	—	—	—	14,327	867
Bawal Putih (Bujang)	Pampus Argenteus	10,060	18	1,566	47	—	—	—	10	—	—	—	11,701	708
Bawal Hitam/Dueh Hitam	Parastromateus Niger	8,015	6,148	6,081	269	—	—	—	2,788	—	—	—	23,301	1,410
Belanak/Kedera	Mugil spp.	229	50	1,629	287	—	—	—	—	676	—	—	2,871	174
Cermin/Sagai	Alectis indica/Caranx spp.	524	—	—	—	—	—	—	—	—	—	—	524	32
Cincaru (Goronggong)	Megalopsis crydyla	4,906	5	1,826	—	89	—	—	2	—	—	—	6,828	413
Demudok/Rambai	Caranx spp.	892	—	103	—	265	—	—	—	—	—	—	1,260	76
Kurau/Senangin	Polynemus tetradactylus	6,185	21	13,725	440	284	—	—	172	148	—	—	20,975	1,269
Pelata/Selar	Caranx spp.	7,372	1,235	207	7	66	—	—	458	—	—	—	9,345	565
Selar/Kuning	Caranx spp.	3,297	40	101	—	—	—	—	20	—	—	—	3,458	209
Talang	Chorinemus spp.	32	—	375	—	16	—	—	—	—	—	—	423	26
Bitis	Stolophorus spp.	—	10	—	—	—	—	—	—	—	—	—	10	1
Bulan	Megalops cyprinoides	—	—	45	—	—	—	—	—	—	—	—	45	3
Parang-parang	Chirocentrus dorab	1,910	—	1,945	143	15	—	—	—	—	—	—	4,013	243
Tamban	Clupea spp.	706	314	2,596	331	10	—	—	1	—	—	—	3,958	239
Terubok	Clupea macrura	552	8	18,503	147	—	—	—	6	—	—	—	19,216	1,163

Sambungan (Continued)

Local Names of Fishes	Scientific Names	Trawl Nets	Seine Nets	Drift/Gill	Fishing Stakes	Hooks and Lines	Traps	Bag Nets	Fish/Scoop/Lift Nets	Barrier Nets	Shellfish Collection	Miscellaneous	TOTAL	
													(Piculs)	(M. Tonnes)
Tongkol/Kayu/Aya	Euthynnus spp.	4,932	222	9,146	—	1,260	—	—	—	—	—	—	15,560	941
Kembong/Temenong	Rastrelliger kanagurta	15,280	2,430	3,766	99	28	—	—	1	—	—	—	21,604	1,307
Tenggiri	Scomberomenus spp.	18,866	82	26,924	60	562	—	3	—	—	—	—	46,497	2,813
Timah	Trichiurus spp.	8,500	27	1,200	223	90	—	—	—	—	—	—	10,040	607
Yu	Lamniformes	23,850	24	7,403	649	2,989	—	1	—	19	—	—	34,935	2,113
Pari	Order Rajiformes	24,563	—	4,399	2,344	3,230	—	18	—	327	—	—	34,881	2,110
Baja	—	245,437	—	—	1,800	64	—	6,432	23	666	—	—	254,422	15,392
Siakap	Lotes calcarifer	—	—	44	—	1,121	—	—	—	—	—	—	1,165	71
Ikan Campur	—	125,853	2,366	10,197	4,916	126	88	6,796	3	1,950	—	610	152,905	9,250
Kebasi/Selangat	Dorosoma chacunda	646	57	992	—	2	—	—	—	—	—	—	1,697	103
Puput	Pellona spp.	29,223	116	13,070	278	18	—	—	—	2	—	—	42,707	2,584
Jamah	Caranx spp.	1,009	615	8	—	—	—	—	—	—	—	—	1,795	109
Perencong	Scaridae	1,609	—	140	—	—	—	—	—	—	—	—	1,749	106
Panjang	Pseudoseiarena spp.	—	—	3,662	959	6	—	—	—	—	—	—	4,627	280
Pelayak	Callyodontidae	604	—	1,044	2	48	—	—	—	34	—	—	1,732	105
Impirang	Setipinna Taty	127	62	13,339	1,733	—	—	—	—	462	—	—	15,723	951
Bulu Ayam	Coillia spp.	43	78	593	1,110	—	—	—	—	—	—	—	1,824	110
Lumi	Harpodon nehereus	782	263	2,552	998	—	—	4,327	7	572	—	—	9,501	575
Kilat	Pampus spp.	11,345	53	2,300	784	—	—	—	—	24	—	—	14,506	878
Merah	Lutjanus spp.	736	—	15	—	1,222	—	—	30	467	—	—	2,470	149
Bulu	Polynemus borneensis	113	15	188	—	—	—	—	—	—	—	—	316	19
Empirit	Clupea macrura	155	30	2,486	979	1,264	—	—	—	—	—	—	4,914	297
Ubor-Ubor	—	109	—	—	84	—	—	688	127	2,626	—	3,658	7,292	441
Ketam	Crustacea	—	—	—	—	—	3,179	—	—	18	—	—	3,197	193
Ketam Laut/Ketam Suri	Crustacea	994	—	30	—	—	361	—	—	—	—	—	1,385	84
Udang Karang	Panulirus Polyhagus	37	—	—	—	—	—	—	—	—	—	—	37	2
Udang Lobok	Thenus Orientalis	171	—	—	—	—	—	—	—	—	—	—	171	10
Udang/Siar	Metapenaeus spp.	127,656	143	5,137	2,196	—	—	755	—	2,513	—	1,135	139,535	8,441
Payak	Parapenopsis spp.	63,485	17	122	622	—	—	64,875	—	—	—	—	129,121	7,811
Udang Baring	Acetus	2,554	—	1,350	12,470	—	—	90	206	900	—	—	17,570	1,063
Udang Galah	Macrobrachium rosenbergi	76	—	40	—	—	—	—	—	12	—	1,739	1,867	113
Sotong	Mollusca	14,410	—	10	—	—	—	13	—	20	—	—	14,453	874
Karang	Anadara spp.	—	—	—	—	—	—	—	—	—	—	—	—	—
Tokoyong	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—
Lokan	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—
Ambal	Mollusca	—	—	—	—	—	—	—	—	—	64	—	64	4
TOTAL:—	PICULS	972,618	15,003	198,922	38,947	21,454	3,967	83,998	4,017	14,177	64	7,142	1,360,309	
	M. TONNES	58,839	908	12,034	2,356	1,298	240	5,081	243	858	4	432		82,293

1 M. Ton (M. Tonne) = 16.53 Pikul (Piculs)

PENDARATAN IKAN LAUT DAN UDANG MENGIKUT KUMPULAN PERKAKAS, SARAWAK
(Marine Fish and Prawn Landings by Gear Group, Sarawak)
1975 – 1979

(Kuantiti dalam Metrik Tan – Quantity in Metric Tonnes)

Jadual (Table) 7.3

Kumpulan Perkakas (Gear Group)	*1975	*1976	1977	1978	1979
Pukat-Pukat Tunda (Trawl Nets)	33,540.41	43,821.48	45,582.64	52,439.38	58,839.57
Jaring-Jaring Hanyut (Drift/Gill Nets)	23,355.84	20,988.69	15,238.54	13,139.14	12,034.00
Belat-Belat (Fishing Stakes)	2,829.10	1,532.67	2,343.25	2,083.73	2,356.14
Pukat-Pukat Tarik (Seine Nets)	374.65	1,754.39	1,488.93	2,507.68	907.62
Pukat-Pukat Tanggok/Surung (Scoop/Push/Lift Nets)	288.87	2,083.55	13,719.96	1,222.99	243.01
Pukat-Pukat Bakul (Bag Nets)	1,977.01	1,257.77	1,909.26	3,999.15	5,081.55
Pukat-Pukat Rentang (Barrier Nets)	638.96	472.53	386.69	327.47	857.65
Pancing (Hook/Lines)	239.14	442.59	312.34	1,125.35	1,297.88
Bubu (Traps)	476.04	439.69	416.76	253.12	239.99
Jala (Cast Nets)	—	—	—	—	—
Memungut Siput (Shellfish Collection)	212.95	306.84	27.65	43.44	3.87
Rampaian (Miscellaneous)	252.93	113.19	1,868.97	370.54	432.06
JUMLAH (Total)	64,185.90	73,213.39	83,294.99	77,511.99	82,293.34

* Perangkaan untuk 1975 dan 1976 telah dipindahkan
(Data for 1975 and 1976 are revised figures)

SARAWAK
BILANGAN NELAYAN MENGIKUT BAHAGIAN, 1979
 (Number of Fishermen by Division, 1979)

Jadual (Table) 7.4

Geographical Locations	Fishermen			Fish Dealers	Grand Total
	Full Time	Part Time	Total		
First Division (West)	741	550	1,291	39	1,330
First Division (East)	1,565	651	2,216	101	2,317
Second Division	909	479	1,388	41	1,429
Third Division	1,456	198	1,654	127	1,781
Fourth Division (Bintulu)	451	135	586	22	608
Fourth Division (Miri)	501	93	594	54	648
Fifth Division	578	237	815	33	848
Sixth Division	1,890	281	2,171	78	2,249
Total :—	8,091	2,624	10,715	495	11,210

SARAWAK

BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS PERKAKAS DAN BAHAGIAN, 1979 (Number of Fishing Licences issued by Type of Gear and Division, 1979)

Jadual (Table) 7.5

Fishing Gears Geographical Locations	Trawl Nets	Seine Nets	Drift/Gill Nets	Fishing Stakes	Hooks and Lines	Traps	Bag Nets	Push/Scoop Lift Nets	Barrier Nets	Miscellaneous	Total
First Division (West)	21	—	586	89	4	20	8	—	107	2	837
First Division (East)	21	13	832	89	17	3	113	—	74	5	1,167
Second Division	51	—	752	45	41	—	376	—	11	1	1,277
Third Division	90	3	234	—	2	—	—	5	—	—	334
Fourth Division (Bintulu)	71	—	93	—	—	—	—	9	—	—	173
Fourth Division (Miri)	97	—	88	—	18	—	—	—	—	—	203
Fifth Division	—	—	—	—	—	—	—	—	—	—	—
Sixth Division	134	—	355	4	34	—	145	—	60	—	732
Total :—	485	16	2,940	227	116	23	642	14	252	8	4,723

BILANGAN PERAHU-PERAHU BERJENTERA DAN TIADA BERJENTERA DISARAWAK
(Number of Powered and Non-Powered Fishing Crafts in Sarawak)
1970 – 1979

Jadual (Table) 7.6

Jenis Perahu (Type of Boat) Tahun (Year)	Tiada Berinjin (Non-Powered)	Beringan Sangkut (Outboard Powered)	Berinjin Dalam (Inboard Powered)				Jumlah (Total)
			Kotaks	Membawa Ikan (Fish Carriers)	Pukat Tunda (Trawlers)	Lain-Lain (Others)	
1970	1,572	881	478	81	176	349	3,537
1971	1,346	904	417	51	243	398	3,359
1972	1,287	877	405	45	433	460	3,507
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	1,896	277	98	801	1,723	6,157

NEGERI SARAWAK

**IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL DAN
DESTINASI, 1979**

**(IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN AND
DESTINATION, 1979)**

Jadual (Table) 7

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Marine fish fresh, chilled or frozen	Tonnes				
Pen. Malaysia		26.49	78,443	59.43	114,810
Sabah		—	—	0.87	916
Brunei		—	—	61.08	87,860
Singapore		66.46	161,607	351.29	637,781
Indonesia		1.00	3,800	—	—
Thailand		6.00	13,920	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		0.19	938	0.15	284
New Zealand		51.98	132,886	—	—
U.S.A.		—	—	—	—
Others		54.65	123,605	—	—
Total		206.77	515,199	472.82	841,651
Marine fish salted or dried	Tonnes				
Pen. Malaysia		376.87	829,640	5.99	12,897
Sabah		0.01	100	—	—
Brunei		—	—	0.48	252
Singapore		246.60	574,496	6.62	4,555
Indonesia		11.23	29,394	—	—
Thailand		2.17	5,168	—	—
Hong Kong		10.92	22,637	—	—
Japan		0.07	108	—	—
Australia		0.21	2,668	—	—
New Zealand		0.45	658	—	—
U.S.A.		—	—	—	—
Others		0.67	720	—	—
Total		649.20	1,465,589	13.09	17,704
Fishmaws salted or dried, not further prepared	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.18	5,002	—	—
Indonesia		1.20	900	—	—
Thailand		0.01	90	—	—
Hong Kong		—	—	—	—
Japan		0.02	781	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		2.11	3,415	—	—
Total		3.52	10,188	—	—
Shark fins salted or dried, not further prepared	Tonnes				
Pen. Malaysia		0.20	8,564	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		4.12	37,500	—	—
Indonesia		1.34	5,998	—	—
Thailand		—	—	—	—
Hong Kong		2.78	11,764	—	—
Japan		0.38	5,278	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		8.27	44,853	—	—
Total		17.09	113,957	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Smoked salmon	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		30.08	2,784	—	—
Total		30.08	2,784	—	—
Fish smoked except Salmon	Tonnes				
Pen. Malaysia		5.88	19,814	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		1.33	3,464	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		12.73	785	—	—
Total		19.94	24,063	—	—
Fresh prawns chilled or frozen	Tonnes				
Pen. Malaysia		—	—	62.51	236,120
Sabah		0.10	1,950	2.67	20,213
Brunei		0.01	130	—	—
Singapore		—	—	142.17	1,071,198
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	96.87	369,933
Japan		—	—	1,984.31	18,795,759
Australia		—	—	6.60	52,570
New Zealand		0.03	726	—	—
U.S.A.		—	—	65.44	573,957
Others		—	—	28.28	286,896
Total		0.14	2,806	2,388.85	21,406,646
Other crustaceans fresh chilled or frozen	Tonnes				
Pen. Malaysia		4.16	10,408	—	—
Sabah		28.81	64,539	—	—
Brunei		—	—	—	—
Singapore		1.65	7,888	—	—
Indonesia		0.20	160	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	11.36	136,706
Australia		0.20	1,525	—	—
New Zealand		0.08	1,166	—	—
U.S.A.		—	—	11.07	73,056
Others		0.02	167	—	—
Total		35.12	85,853	22.43	209,762

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Oysters	Tonnes				
Pen. Malaysia		96.21	110,449	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.24	1,967	—	—
Indonesia		—	—	—	—
Thailand		0.82	2,327	—	—
Hong Kong		0.00	38	—	—
Japan		0.06	1,662	—	—
Australia		0.96	6,260	—	—
New Zealand		0.44	1,169	—	—
U.S.A.		—	—	—	—
Others		0.51	3,071	—	—
Total		99.24	126,943	—	—
Other molluscs fresh chilled or frozen	Tonnes				
Pen. Malaysia		131.94	145,794	0.22	904
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		1.99	3,014	22.03	37,629
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	1.69	7,001
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.01	147	—	—
Total		133.94	148,955	23.94	45,534
Prawns salted in brine, dried or simply boiled	Tonnes				
Pen. Malaysia		0.76	3,174	—	—
Sabah		0.12	400	—	—
Brunei		—	—	11.24	30,230
Singapore		0.97	5,292	23.81	69,351
Indonesia		0.97	5,351	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.00	46	—	—
Total		2.82	14,263	35.05	99,581
Other crustaceans salted in brine, dried or simply boiled	Tonnes				
Pen. Malaysia		1.19	12,120	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		1.62	1,711	—	—
Indonesia		0.13	1,197	—	—
Thailand		0.73	4,364	—	—
Hong Kong		0.05	309	—	—
Japan		0.20	1,237	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		1.53	11,970	—	—
Total		5.45	32,908	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Other molluscs salted, dried or boiled	Tonnes				
Pen. Malaysia		4.65	44,111	0.06	1,402
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		4.99	26,603	—	—
Indonesia		0.32	3,289	—	—
Thailand		8.99	51,533	—	—
Hong Kong		3.64	17,204	—	—
Japan		4.71	24,657	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		46.24	381,254	—	—
Total		73.54	548,651	0.06	1,402
Sardines canned	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.02	60	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.42	1,185	—	—
Others		3.96	27,702	—	—
Total		4.40	28,947	—	—
Herrings and brislings canned	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.04	317	—	—
Others		0.22	1,276	—	—
Total		0.26	1,593	—	—
Salmon canned	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.06	250	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.00	21	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.36	4,202	—	—
Others		2.22	6,536	—	—
Total		2.64	11,009	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Sauries canned	Tonnes				
Pen. Malaysia		0.82	2,803	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		0.82	2,803	—	—
Tuna canned	Tonnes				
Pen. Malaysia		0.23	891	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.01	57	—	—
Australia		0.01	53	—	—
New Zealand		—	—	—	—
U.S.A.		0.23	1,735	—	—
Others		0.07	784	—	—
Total		0.55	3,520	—	—
Horse Mackerels canned	Tonnes				
Pen. Malaysia		268.38	392,101	—	—
Sabah		—	—	1.59	2,842
Brunei		—	—	—	—
Singapore		7.98	15,417	0.06	405
Indonesia		—	—	0.09	180
Thailand		0.06	115	—	—
Hong Kong		0.16	666	—	—
Japan		1,085.47	2,007,200	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		1.60	4,671	—	—
Others		377.85	522,101	—	—
Total		1,741.50	2,942,271	1.74	3,427
Fish and fish preparations canned	Tonnes				
Pen. Malaysia		671.73	1,660,079	—	—
Sabah		—	—	4.59	4,874
Brunei		—	—	—	—
Singapore		5.72	19,791	—	—
Indonesia		—	—	—	—
Thailand		3.33	5,909	—	—
Hong Kong		4.80	7,526	—	—
Japan		0.57	1,161	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		57.80	146,862	—	—
Total		743.95	1,841,328	4.59	4,874

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Fish paste and similar preparations not canned	Tonnes				
Pen. Malaysia		3.74	5,897	—	—
Sabah		—	—	—	—
Brunei		—	—	0.56	866
Singapore		101.37	3,226	—	—
Indonesia		28.89	4,230	—	—
Thailand		8.49	9,445	—	—
Hong Kong		0.02	97	—	—
Japan		0.00	5	6.20	16,861
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.01	185	—	—
Total		142.52	23,085	6.76	17,727
Shark fish prepared not canned	Tonnes				
Pen. Malaysia		0.01	100	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.54	8,740	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.04	485	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		0.59	9,325	—	—
Other fish and fish preparations not canned	Tonnes				
Pen. Malaysia		74.60	89,986	—	—
Sabah		—	—	3.19	11,120
Brunei		—	—	0.08	90
Singapore		16.01	32,055	—	—
Indonesia		0.47	740	—	—
Thailand		96.44	154,176	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	0.00	10
Others		1.13	4,012	—	—
Total		188.65	280,969	3.27	11,220
Abalone canned	Tonnes				
Pen. Malaysia		0.04	3,749	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.14	1,830	—	—
Australia		3.44	43,201	—	—
New Zealand		4.29	43,087	—	—
U.S.A.		0.92	13,216	—	—
Others		6.72	64,014	—	—
Total		15.55	169,097	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Prawns and shrimps canned	Tonnes				
Pen. Malaysia		215.59	660,225	4.36	6,060
Sabah		—	—	0.54	399
Brunei		—	—	0.07	280
Singapore		0.13	238	—	—
Indonesia		—	—	—	—
Thailand		0.04	167	—	—
Hong Kong		—	—	0.32	1,063
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	44	—	—
Others		0.04	117	—	—
Total		215.80	660,791	5.29	7,802
Crabs canned	Tonnes				
Pen. Malaysia		0.23	1,090	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.15	420	—	—
Indonesia		—	—	—	—
Thailand		0.87	4,455	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		0.01	120	—	—
U.S.A.		0.09	893	—	—
Others		0.11	516	—	—
Total		1.46	7,494	—	—
Cuttlefish canned	Tonnes				
Pen. Malaysia		158.61	401,493	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		1.56	4,189	—	—
Indonesia		—	—	—	—
Thailand		0.26	366	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		34.05	79,697	—	—
Total		194.48	485,745	—	—
Preparations of crustaceans and molluscs canned	Tonnes				
Pen. Malaysia		530.33	682,843	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.18	1,206	—	—
Indonesia		—	—	—	—
Thailand		0.02	140	—	—
Hong Kong		—	—	—	—
Japan		0.34	3,432	—	—
Australia		0.58	1,620	—	—
New Zealand		—	—	—	—
U.S.A.		0.06	464	—	—
Others		33.82	90,778	—	—
Total		565.33	780,483	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Preparations of crustaceans and molluscs not canned	Tonnes				
Pen. Malaysia		9.84	29,186	—	—
Sabah		—	—	1.03	4,996
Brunei		—	—	—	—
Singapore		136.16	216,303	0.01	84
Indonesia		—	—	—	—
Thailand		340.57	181,866	—	—
Hong Kong		0.39	2,034	—	—
Japan		0.33	1,912	—	—
Australia		—	—	45.72	542,649
New Zealand		—	—	—	—
U.S.A.		—	—	11.36	75,039
Others		2.15	5,031	54.76	287,260
Total		489.44	436,332	112.88	910,028
Other edible products of aquatic animal origin (including jelly fish)	Tonnes				
Pen. Malaysia		—	—	14.38	56,853
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	88.71	235,868
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	51.14	233,817
Japan		—	—	450.10	2,365,352
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		—	—	604.33	2,891,890
Total by country	Tonnes				
Pen. Malaysia		2,582.50	5,192,960	146.95	429,046
Sabah		29.04	66,989	14.48	45,360
Brunei		0.01	130	73.51	119,578
Singapore		598.70	1,126,975	634.70	2,056,871
Indonesia		47.08	58,523	0.09	180
Thailand		468.80	434,041	—	—
Hong Kong		22.76	62,275	148.33	604,813
Japan		1,092.34	2,049,826	2,451.97	21,314,678
Australia		5.59	56,265	54.16	602,504
New Zealand		57.28	179,812	—	—
U.S.A.		3.72	26,727	87.87	722,062
Others		676.97	1,522,428	83.04	574,156
GRAND TOTAL:—		5,584.79	10,776,951	3,695.10	26,469,248

**IMPOT DAN EKSPOT IKAN DAN HASIL-HASIL PERIKANAN
SARAWAK (1963 – 1979)**

**Import & Export of Fish & Fish Products in
Sarawak (1963 – 1979)**

(Kuantiti dlm M. Ton – Qty. in M. Tonnes)

Jadual (Table) 7.8

Tahun (Year)	Impot (Import)		Ekspot (Export)	
	Kuantiti – M. Ton (Qty. – Tonnes)	Nilai C.I.F. \$ (Value C.I.F. \$)	Kuantiti – M. Ton (Qty. – M. Tonnes)	Nilai C.I.F. \$ Value C.I.F. \$
1963	3,750.29	5,478,765	416.56	279,379
1964	6,252.87	6,517,799	40.92	73,813
1965	4,617.90	6,179,568	97.24	179,875
1966	4,928.01	6,554,756	32.22	55,517
1967	4,341.77	5,255,127	269.60	613,984
1968	4,753.09	5,615,787	106.14	224,546
1969	4,868.64	5,795,682	112.43	268,075
1970	5,044.03	6,416,785	276.38	609,475
1971	4,166.61	5,338,441	909.85	2,209,041
1972	3,950.98	5,270,873	1,163.67	5,301,553
1973	6,285.60	8,156,581	1,381.07	7,146,986
1974	4,351.49	7,687,164	1,542.56	6,552,236
1975	4,912.73	9,553,139	1,292.25	5,770,850
1976	5,033.06	10,483,013	2,228.65	14,512,073
1977	5,182.73	11,749,997	3,155.22	21,904,917
1978*	2,021.68	4,648,338	1,819.11	9,259,389
1979	5,584.79	10,776,951	3,695.10	26,469,248

* Angka-angka anggaran
(Preliminary figures)

Perangkaan impot untuk tahun 1963 – 1977 telah dipindahkan
(All impot data for 1963 – 1977 are revised figures)

PEMBETULAN KEPADA PERANGKAAN TAHUNAN PERIKANAN, 1978
(Amendments to 1978 Annual Fisheries Statistics)

Kandongan
(Contents)

Jadual & Muka Perangkaan Tahunan Perikanan, 1978 (Table & Page of Annual Fisheries Statistics, 1978)		Muka (Page)
1.	Jadual 1.6 — Muka 6 (Table 1.6 — Page 6)	(i)
2.	Jadual 1.7 — Muka 7 (Table 1.7 — Page 7)	(i)
3.	Jadual 2.14 — Muka 79 (Table 2.14 — Page 79)	(i)
4.	Jadual 6.7 — Muka 141 (Table 6.7 — Page 141)	(i)
5.	Jadual 5.1 — Muka 126 (Table 5.1 — Page 126)	(ii)
6.	Jadual 5.4 — Muka 129 (Table 5.4 — Page 129)	(iii)
7.	Jadual 5.5 — Muka 130 dan 131 (Table 5.5 — Page 130 and 131)	(iv — v)
8.	Peta H — Muka 151 (Chart H — Page 151)	(i)

PEMBETULAN KEPADA PERANGKAAN TAHUNAN PERIKANAN 1978
(Amendments to Annual Fisheries Statistics, 1978)

1. Jadual 1.6 — Muka 6 (Table 1.6 — Page 6)

Untuk daerah Batu Pahat, bilangan nelayan dibawah 'India' dan 'Lain-Lain' sebenarnya — dan 252, dan bukan 252 dan — berasing-asing. Maka jumlah bilangan nelayan dibawah 'India' dan 'Lain-Lain' menjadi 385 dan 1064, dan bukan 637 dan 812 berasing-asing.

(For the district of Batu Pahat, number of fishermen under 'Indian' and 'Others' should read as — and 252, and not as 252 and — respectively. Then the total number of fishermen under 'Indian' and 'Others' becomes 385 and 1064, and not 637 and 812 respectively)

2. Jadual 1.7 — Muka 7 (Table 1.7 — Page 7)

Untuk tahun 1978, bilangan nelayan dibawah 'India' dan 'Lain-Lain' yang sebenarnya 385 dan 1,064, dan bukan 637 dan 812 berasing-asing.

(For the year 1978, total number of fishermen under 'Indian' and 'Others' should read as 385 and 1,064, and not 637 and 812 respectively)

3. Jadual 2.14 — Muka 79 (Table 2.14 — Page 99)

Dibawah 'Pukat Bakul', angka pendaratan 1,492 harus dipindahkan daripada garisan 'Malong' kepada garisan 'Kikek' diatas; tiada pendaratan Malong oleh 'Pukat Bakul'.

(Under 'Bag Nets', the landing figure 1,492 for 'Malong' should be moved up to column 'Kikek'; there was no landings of Malong by 'Pukat Bakul')

4. Jadual 6.7 Muka 141 (Table 6.7 — Page 141)

Untuk tahun 1967 pendaratan 'Pukat Bakul' sebenarnya 1,257.77 M. Tonnes dan bukan 257.77 M. Tonnes.

(For the year 1967, 'Bag Nets' landings should read as 1,257.77 M. Tonnes and not 257.77 M. Tonnes)

8. Peta H — Muka 151 (Chart H — Page 151)

Perkataan 'Nilai Borong Pasaran' selepas garis titek sebenarnya 'Nilai Runcit Pasaran'; dan perkataan 'Nilai Runcit Pasaran' selepas garis batalan sebenarnya 'Nilai Borong Pasaran'.

(Wordings 'Wholesale Market Values' after the dotted line should read as 'Retail Market Values'; and wordings 'Retail Market Values' after the dashed line should read as 'Wholesale Market Values'.

(ii)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

BILANGAN KOLAM IKAN DAN PENTERNAK, 1978
(Number of Fish Ponds and Number of Farmers, 1978)

Jadual (Table) 5.1

Negeri (State)	Kolam-kolam baru 1978 (New Ponds 1978)		Kolam-kolam yang di usaha hingga 31/12/78 (Fish ponds in operation, 31/12/78)		Bilangan penternak hingga 31/12/78 (Number of farmers as at 31/12/78)				Jumlah (Total)
	Bilangan (Number)	Ekar (Acreage)	Bilangan (Number)	Ekar (Acreage)	Melayu (Malays)	Cina (Chinese)	India (Indian)	Lain-Lain (Others)	
Perlis	13	7.97	41	18.11	24	3	—	8	35
Kedah	94	69.41	351	254.19	188	21	—	21	230
Pulau Pinang	9	13.90	130	41.08	22	29	1	21	73
Perak	252	88.82	4,128	8,087.27	1,472	1,292	59	46	2,869
Selangor	57	58.37	941	992.41	214	215	11	72	512
Negeri Sembilan	134	81.32	4,402	900.82	1,393	308	11	15	1,727
Malaka	70	37.01	417	150.13	189	63	3	5	260
Johor	79	35.24	1,409	554.16	373	309	1	16	699
Pahang	96	34.67	1,453	889.08	953	143	6	30	1,132
Trengganu	102	49.95	270	116.18	207	4	—	—	211
Kelantan	97	37.65	350	113.36	235	7	—	—	242
JUMLAH (TOTAL)	1,003	514.31	13,892	12,116.79	5,270	2,394	92	234	7,990

(iii)

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENGELUARAN BENIH IKAN OLEH PUSAT-PUSAT PENGELUARAN 1978
(FISH FRY PRODUCTION BY STATION, 1978)

Jadual (Table) 5.4

PUNCA (SOURCES)	JENIS BENIH IKAN (SPECIES OF FISH FRY)												Jumlah
	Lampam Jawa	Lee Koh	Sepat Siam	Tilapia	Kalui	Udang Galah	Kap Cermin Kacukan (Mirror Carp Hybrid)	Kap Cermin	Temakang	Kap Jepun (Japenese Carp)	Kap Rumput (Grass Carp)	Kap Kepala Besar (Big Head Carp)	
Pusat Pembaikbiak Ikan (Fish Breeding Station) Jitra, Kedah.	275,047	158,939	11,805	1,735	—	50	—	—	—	—	—	—	447,576
Pusat Pembaikbiak Ikan (Fish Breeding Station) Enggor, Perak.	77,807	33,085	461	—	—	—	—	—	—	—	—	—	111,353
Pusat Pembaikbiak Ikan (Fish Breeding Station), Tapah, Perak.	160,675	11,220	—	40	1,030	—	—	—	10,080	—	—	—	183,045
Pusat Pembaikbiak Ikan (Fish Breeding Station), Bukit Tinggi.	1,242,359	220,738	42	700	—	4	—	—	34	35	—	—	1,463,912
Pusat Pembaikbiak Ikan (Fish Breeding Station) Machang, Kelantan.	81,895	42,435	17,250	—	—	—	—	—	—	—	1,540	1,455	144,575
Pusat Percubaan Menternak Ikan (Fish Culture Experimental Station) Cameron Highland.	—	21,580	—	—	—	—	6,900	14,770	—	—	—	—	43,250
Institusi Penyelidikan Perikanan * (Fisheries Research Institute)	—	—	—	—	—	23,010	—	—	—	—	—	—	23,010
Glugor, Pulau Pinang.	—	—	—	—	—	—	—	—	—	—	—	—	—
Rancangan Kemajuan Perikanan Darat (Inland Fisheries Extension Scheme).	—	—	—	—	—	—	—	—	—	—	42,929	24,583	67,512
Institusi Penyelidikan Pembangunan Pertanian Malaysia (MARDI).	3,600	—	—	—	—	—	—	—	—	—	1,400	9,650	14,650
JUMLAH (TOTAL)	1,841,383	487,997	29,558	2,475	1,030	23,064	6,900	14,770	10,114	35	45,869	35,688	2,498,883

MARDI = Malayan Agricultural Research and Development Institute.

(iv)

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PEMBAHAGIAN BENIH-BENIH IKAN AIRTAWAR, 1978
(DISTRIBUTION OF FRESHWATER FISH FRY, 1978)

Jadual (Table) 5.5

Negeri (State)	Kepada Penternak (To Farmers)											Jumlah (Total)
	Lampam Jawa	Lee Koh (Common Carp)	Sepat Siam	K. Rumput (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Kalui	Tilapia	Kap Cermin (Mirror Carp)	Udang Galah	Temakang	Kap Jepun (Japanese Carp)	
Perlis	5,460	7,670	1,670	330	50	—	30	—	—	—	—	15,210
Kedah	80,988	46,643	10,055	5,401	3,341	—	400	—	10,000	—	—	156,828
P. Pinang	11,480	7,965	4,250	4,875	3,495	—	75	—	—	—	—	32,140
Perak	111,324	43,887	455	13,486	2,772	30	—	13,030	5,000	80	—	190,064
Selangor	205,820	38,160	—	2,300	450	—	—	—	—	—	—	246,730
Negeri Sembilan	233,094	87,734	—	10,150	9,542	—	—	—	—	—	—	340,520
Melaka	47,230	15,245	—	1,800	6,815	—	—	—	—	—	—	71,090
Johore	90,060	21,910	—	—	1,700	—	400	—	—	—	20	114,090
Pahang	101,607	27,697	—	1,600	1,900	—	300	—	—	—	—	133,104
Trengganu	87,241	22,275	—	1,472	1,842	—	—	—	—	—	—	112,830
Kelantan	101,425	67,435	11,800	4,155	3,781	—	—	—	8,000	—	—	196,596
JUMLAH (TOTAL)	1,075,729	386,621	28,230	45,569	35,688	30	1,205	13,030	23,000	80	20	1,609,202

(v)

Sambungan (Continued)

NEGERI (STATE)	Pelepasan kedalam Perairan Umum (Stocking in Open and Impounded Waters)								Kegunaan Pelbagai (Research and miscellaneous purposes)									Jumlah Besar (Grand Total)	
	Kap Jepun	Lampam Jawa	Lee Koh (Common Carp)	Temakang	Kap Cermin Hybrid (Mirror Carp Hybrid)	Sepat Siam	Kalui	Jumlah (Total)	Lampam Jawa	Lee Koh (Common Carp)	Sepat Siam	Tilapis	Udang Gaoah	Kap Cermin Hybrid (Mirror) Carp Hybrid)	Kap Cermin (Mirror Carp)	Temakang	Kap Jepun (Japanese Carp)		Jumlah (Total)
Pertlis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,210
Kedah	-	30,000	5,000	-	-	-	-	35,000	30	30	30	30	-	1,000	-	-	-	1,120	192,948
P. Pinang	-	17,100	-	-	-	-	-	17,100	2,500	3,650	-	1,200	50	-	-	-	-	7,400	56,640
Perak	-	146,900	-	10,000	-	-	1,000	157,900	158	8,988	6	40	-	150	40	-	-	9,382	357,346
Selangor	-	67,000	1,000	-	-	-	-	68,000	12,080	10,515	30	-	-	-	-	30	15	22,670	337,400
Negeri Sembilan	-	107,200	100	-	-	-	-	107,300	204	4	4	-	4	-	-	4	-	220	448,040
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71,090
Johor	-	38,000	-	-	-	-	-	38,000	10,000	5,000	-	-	-	-	-	-	-	15,000	167,090
Pahang	-	185,150	12,500	-	5,750	-	-	203,400	8	8	8	-	10	-	1,500	-	-	1,534	338,038
Trengganu	-	61,265	100	-	-	-	-	61,365	-	-	-	-	-	-	-	-	-	-	174,195
Kelantan	300	470	-	-	-	1,250	-	2,020	87,589	54,481	-	-	-	-	-	-	-	142,070	340,686
Sabah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	-	200	200
JUMLAH (TOTAL)	300	653,085	18,700	10,000	5,750	1,250	1,000	690,085	112,569	82,676	78	1,270	64	1,150	1,740	34	15	*199,596	*2,498,883

* Tidak termasuk 990 Udang Galah diberikan kepada
Ketua Pengarah Perikanan, Malaysia,
(Exclude 990 Udang Galah given to
General Director of Fisheries, Malaysia.

PENDARATAN PUKAT TUNDA DISEMENANJUNG MALAYSIA, 1975 – 1979
(Trawl Landings in Peninsular Malaysia, 1975 – 1979)

Kuantiti dlm. M. Ton (Qty. in M. Tonnes)

Jadual (Table) 2.18

Negeri (State)	1975				1976				1977				1978				1979			
	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)
Perlis	5,656	1,587	1,021	3,048	4,428	1,237	517	2,674	7,966	1,095	1,193	5,678	10,456	913	2,067	7,476	10,506	1,111	2,201	7,194
Kedah	30,971	10,094	2,619	18,258	39,363	17,214	4,769	17,380	58,687	26,039	7,690	24,958	54,181	24,078	6,469	23,634	51,628	18,682	3,329	29,617
P. Pinang (Penang)	8,334	3,634	2,087	2,613	6,501	2,679	1,358	2,464	4,989	1,798	923	2,268	3,531	1,763	407	1,361	5,409	1,996	1,007	2,406
Perak	47,086	11,824	14,672	20,590	51,045	13,104	13,244	24,697	66,451	19,597	16,393	30,461	81,845	29,788	17,170	34,887	66,689	19,265	10,352	37,072
Selangor	48,694	4,671	4,565	39,458	67,765	17,363	10,846	39,556	82,335	20,812	10,914	50,609	80,536	24,279	17,550	38,707	66,105	19,827	15,550	30,728
N. Sembilan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melaka (Malacca)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kelantan	2,966	1,988	311	667	1,387	740	158	489	1,055	490	308	257	1,462	1,033	132	297	1,638	1,127	155	356
Trengganu	13,525	6,162	550	6,813	17,790	8,829	726	8,235	20,022	9,585	1,062	9,375	18,175	7,670	1,020	9,485	16,947	6,278	735	9,934
Pahang	7,231	2,203	756	4,272	8,891	1,828	788	6,275	8,264	1,670	861	5,733	9,375	1,879	971	6,525	10,521	2,347	739	7,435
Johor Timur (J. East)	11,812	5,825	1,059	4,928	17,016	8,231	1,730	7,055	5,262	2,646	890	1,726	20,660	13,926	1,674	5,060	18,333	8,324	1,451	8,558
Johor Barat (J. West)	6,613	1,886	1,688	3,039	6,493	1,692	2,064	2,737	6,094	1,589	1,963	2,542	4,798	1,364	1,372	2,062	10,424	3,534	2,440	4,450
JUMLAH (Total)	182,888	49,874	29,328	103,686	220,679	72,917	36,200	111,562	261,125	85,321	42,197	133,607	285,019	106,693	48,832	129,494	258,200	82,491	37,959	137,750

ISSCAAP GROUP NO.	JENIS IKAN (TYPE OF FISH)	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 Nets)	Memungut Siput (Shell fish Collection)	Rampaian (Mis- cellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut (Purse Seines)	Lain P. Tarik (Other Seines)			Belat- Belat (Stationary)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	9,354	—	—	54	—	—	—	—	—	—	—	—	—	9,408	569
	Selar Kuning/Lolong	2,812	—	—	76	—	—	—	—	—	—	—	—	—	2,888	175
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-Pisang	97	—	—	—	—	—	—	—	—	—	—	—	—	97	6
	Talang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bilis	12,364	—	—	—	—	—	—	—	—	—	—	—	—	12,364	748
	Parang-Parang	9,644	—	—	5,250	40	—	—	6	—	—	—	—	—	14,940	904
	Tamban	2,211	15,415	—	36	—	—	—	—	—	—	—	—	—	17,662	1,068
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aya/Kayu/Tongkol	149	770	—	8	—	—	—	—	—	—	—	—	—	927	56
37	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kembong/Temenong	17,207	21,120	—	484	—	—	—	—	—	—	—	—	—	38,811	2,348
38	Tenggiri	4,183	—	—	9,090	60	—	—	—	—	—	—	—	—	13,333	807
	Timah/Layor/Selayor	4,373	—	—	—	—	—	—	—	—	—	—	—	—	4,373	265
	Pari	16,235	—	—	260	33	—	—	3,077	8,480	540	—	—	—	28,625	1,732
39	Yu	16,161	—	—	196	61	—	—	2,481	—	—	—	—	—	18,899	1,143
	Ikan Baja	507,931	—	44	—	—	—	—	—	49,115	664	—	—	—	557,754	33,742
	Ikan Campur	14,027	—	8	7,039	—	—	—	24	4,781	1	—	—	—	25,880	1,566
42	Jebong	—	—	—	790	—	—	—	—	—	—	—	—	—	790	48
	Ketam	18,075	—	152	17	—	—	—	—	1,395	963	—	—	390	20,992	1,270
45	Udang Besar	33,932	—	72	3,866	—	—	—	—	8,820	—	—	—	—	46,690	2,825
	Udang Sedang	108,885	—	78	291	—	—	—	—	44,279	2	—	—	—	153,535	9,288
	Udang Kecil	114,224	—	135	—	—	—	—	—	16,293	58	—	—	—	130,710	7,907
56	Udang Baring	—	—	—	—	—	—	—	—	47,622	—	—	—	—	47,622	2,881
	Kerang	—	—	—	—	—	—	—	—	—	—	—	63,164	—	63,164	3,821
57	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	13,331	—	—	—	—	—	—	—	—	—	—	—	—	13,331	806
76	Sotong Biasa	26,167	—	57	—	—	—	—	—	—	—	—	—	—	26,224	1,586
	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah Pikul (Piculs)	1,092,715	53,185	858	46,982	442	—	—	20,299	180,785	4,846	—	63,164	2,225	1,465,501	—
	(Total) M. Ton (M. Tonnes)	66,105	3,217	52	2,842	27	—	—	1,228	10,937	293	—	3,821	135	—	88,657

Value of Marine Landings and Cultures in 1979

Total wholesale value of marine landings and cultures in 1979 was \$988 million. Compared to 1978 this year's value of landings indicates a decline. This decline was not brought about by any real decline in fish prices but rather due to a reclassification in the types and grades of fish used for estimating value of landings. The need for reclassification arose due to a rise in prices of certain species of fish which had moved up the ladder from lower grades to higher grades. The reason for this change in prices was brought about by changes in the demand and supply for these species. As fish are graded according to their prices and with this change the old classification was no more a realistic indicator of fish value. The 1979 classification of fish by grades was established taking into consideration these changes. The average price of each grade of fish is based on selected species which are commonly landed and marketed. Based on these average prices the value of total landings is computed according to the grades of fish.

Also unlike previous years, prawns are now graded into three grades, i.e. big, medium and small, and valued accordingly. Such a classification will therefore indicate a more realistic value of prawns landed due to the large disparity in the prices of prawns from size to size.

It is due to these changes that the total value of landings and cultures indicate a decline compared to 1978. The 1979 average wholesale prices per katty* of grade I, II and III fish are \$3.07, \$1.42 and \$0.64 respectively. Similarly, average wholesale prices per katty of big, medium and small prawns are \$8.57, \$4.40 and \$1.77 respectively. Average price per picul⁺ of manure fish is \$10.21 on the west coast and \$4.17 on the east coast while the average price of shellfish is \$0.41 per katty.

In terms of value of landings by type of fishery, trawlers, by virtue of being the main fishery as well as landing the largest quantity of prawns, landed \$352 million worth of fish in 1979 while the purse seine fishery landed \$293 million worth of fish in 1979. Among the minor fisheries, the most important is the drift/gill net fishery, which landed \$112 million worth of fish in 1979 while all the other minor fishereis landed a total of \$187 million worth of fish. Shellfish, which is almost exclusively cockles, landed \$44 million worth of cockles and other shellfish.

* 1 Kilogramme = 1.6535 katties

+ 1 tonne = 16.53 piculs

Foreign Trade in Fishery Commodities

Preliminary fish trade statistics indicate that both imports and exports have increased in 1979. However, as in the past five years, imports continue to exceed exports in terms of quantity. This is largely due to the growing domestic demand for fish which exceeds domestic fish supply. This unfavourable trade balance of 32,793 tonnes in net imports quantity wise is however compensated by a surplus trade balance of \$179 million in net exports value wise. This surplus in value terms is due to the fact that compared to our imports, our exports are of a higher value.