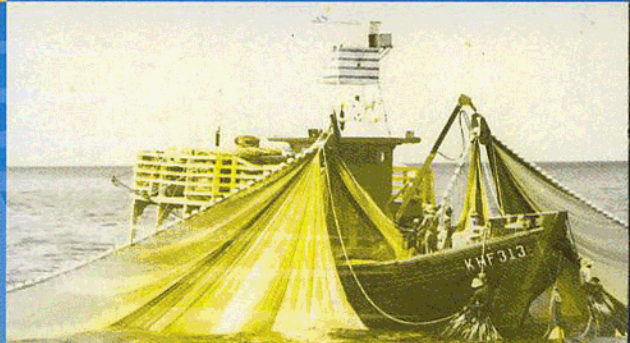
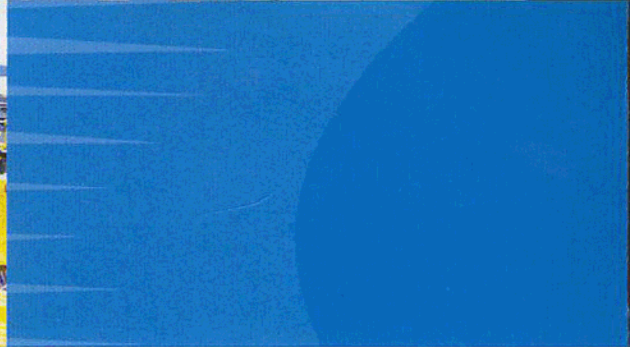




PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

**JILID 1
1983**



JABATAN PERIKANAN MALAYSIA

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1983

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KUALA LUMPUR

PENDAHULUAN

Seperti di tahun-tahun lepas, Lapuran Perangkaan Tahunan Perikanan tahun ini, memberi ringkasan di atas kegiatan perikanan di Semenanjung Malaysia, Sabah dan Sarawak. Tidak ada perbezaan dalam cara data dipungut, dikumpul dan dipersembahkan. Namun demikian, Jabatan Perikanan sentiasa mengkaji akan cara memungut, mengumpul dan mempersembah data bagi memperbaiki mutu perangkaan. Ini adalah disebabkan kami sedar bahawa perangkaan yang baik adalah syarat utama kepada perancangan dan pengurusan yang betul bagi sektor perikanan.

Walau bagaimanapun, ada terdapat satu ciri baru dalam Lapuran tahun ini. Kami juga telah membuat analisa ke atas aliran gunatenaga, eksport dan import, dan pengeluaran ternak-air. Kami harap maklumat tersebut akan memberi faedah sedikit sebanyak kepada pengguna Lapuran ini.

Unit Sistem Maklumat
Pengurusan Perikanan.

FOREWORD

As in previous years, this year's Annual Fisheries Statistics Report gives a summary of the fisheries activities in Peninsular Malaysia, Sabah and Sarawak. There is no difference in the manner the data are collected, compiled and presented. However, The Fisheries Department is constantly reviewing the methods of collection, compilation and presentation in order to improve the quality of the statistics. For, we realise that good statistics are very vital to proper planning and management of the fisheries sector.

There is one new feature in this year's edition though. We include also analysis on the trends of employment, exports and imports, and aquaculture production. We hope this information will be of some use to the users of this Report.

*Fisheries Management
Information System Unit.*

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KEDUDUKAN SEKTOR PERIKANAN 1983

I. ALIRAN PENDARATAN IKAN LAUT

1. SEMENANJUNG MALAYSIA

Pendaratan ikan laut Semenanjung Malaysia telah mengalami pertambahan yang begitu pesat dalam masa 14 tahun yang lalu. Pendaratan ikan telah bertambah daripada 302,885 tan metrik dalam tahun 1969 kepada 609,055 tan metrik dalam tahun 1983. Pendaratan dalam tahun 1983 adalah meningkat sebanyak lebih kurang 7% daripada pendaratan tahun 1982.

Pantai Barat

Pantai Barat dapat menghasilkan lebih kurang 72% daripada pendaratan keseluruhan Semenanjung Malaysia. Kegiatan perikanan di Pantai Barat adalah lebih maju, dan bilangan bot adalah lebih banyak daripada Pantai Timur. Dalam tempoh 14 tahun kebelakangan ini pendaratannya telah meningkat sebanyak 81% daripada 243,620 tan metrik dalam tahun 1969 kepada 442,173 tan metrik dalam tahun 1983. Rajah 1 menunjukkan aliran pendaratan daripada tahun 1969 hingga tahun 1983. Pendaratan yang tertinggi sekali ialah dalam tahun 1983 dan ianya adalah selari dengan kemuncak pendaratan ikan pelagik. Pendaratan ikan pelagik pula telah bertambah sebanyak 43% daripada 103,645 tan metrik dalam tahun 1969 kepada 148,872 tan metrik dalam tahun 1983.

Pendaratan ikan demersal pula adalah bertambah sebanyak lebih daripada 1 kali ganda daripada 74,238 tan metrik dalam tahun 1969 kepada 171,812 tan metrik dalam tahun 1983. Walau bagaimanapun pertambahan ikan demersal yang boleh di makan ialah sebanyak 44% iaitu daripada 34,270 tan metrik dalam tahun 1969 kepada 49,444 tan metrik dalam tahun 1983. Baki jumlah pendaratan pada keseluruhannya adalah merupakan ikan baja.

Satu lagi jenis pendaratan yang penting ialah udang. Ianya menyumbangkan lebih kurang 11% daripada jumlah pendaratan, sebanyak 50,521 tan metrik. Ianya adalah kebanyakannya didaratkan oleh bot-bot pukat tunda tetapi beberapa tahun kebelakangan ini pendaratan udang oleh bot-bot pukat tunda telah merosot disebabkan oleh langkah-langkah pengurusan sumber. Bot-bot tangkapan lain seperti pukat hanyut dan pukat bakul telah menambahkan penangkapannya.

Bila dikaji secara keseluruhan, purata pendaratan ikan bagi Pantai Barat dalam jangka masa 5 tahun yang lepas (446,000 tan metrik) telah melebihi 'Maximum Sustainable Yield' yang dianggarkan sebanyak 345,000 tan metrik.

Pantai Timur

Potensi sumber-sumber perikanan di pantai timur adalah lebih kecil daripada potensi di pantai barat. Namun demikian tahap pendaratannya telah bertambah daripada 54,220 tan metrik dalam tahun 1969 ke 166,883 tan metrik dalam tahun 1983 (lihat Rajah 2).

Pendaratan ikan pelagik ialah sebanyak 110,245 tan metrik dan ianya menyumbang lebih kurang 66% daripada jumlah pendaratan di pantai timur. Kebanyakan pendaratan ikan ini adalah daripada Negeri Terengganu yang menggunakan pukat jerut, pukat tangguk, pukat hanyut dan menggeret.

Pendaratan ikan demersal telah meningkat bila pukat tunda diperkenalkan di pantai timur. Pada tahun 1983 pendaratan ikan demersal adalah lebih kurang 28.8% daripada jumlah pendaratan di pantai timur. Empat puluh sembilan peratus daripadanya adalah didaratkan oleh pukat tunda; bakinya didaratkan oleh pukat hanyut dan bubu.

Potensi sumber udang di Pantai Timur adalah di antara 5,000 — 6,000 tan metrik dan dengan itu pendaratan udang tidaklah begitu menggalakkan.

Pada keseluruhannya potensi sumber ikan di Pantai Timur adalah dalam lingkungan 265,000 tan metrik, oleh itu tahap pendaratan dapat dipertingkatkan lagi.

2. SABAH DAN SARAWAK

Data yang didapati mengenai perusahaan perikanan di Malaysia Timur adalah begitu terhad dan ini menyebabkan satu analisa yang lengkap sukar diperolehi. Dengan data-data yang didapati, maka bolehlah dibuat sedikit kesimpulan seperti di dalam Rajah 3, yang menunjukkan pendaratan ikan laut secara umum di kedua-dua negeri tersebut.

SABAH

Jumlah pendaratan ikan laut meningkat sebanyak 91% dari 24,079 tan metrik dalam tahun 1969 kepada 45,950 tan metrik dalam tahun 1983. Pendaratan ini kebanyakannya adalah "finfishes" (sebanyak 33,600 tan metrik) dan bakinya, krustacea (sebanyak 10,700 tan metrik), moluska (850 tan metrik) dan lain-lain kehidupan laut (800 tan metrik).

Nilai ikan laut tahun 1983 adalah sebanyak \$155.55 juta, iaitu bertambah sebanyak 17% daripada tahun 1982. Kebanyakannya adalah hasil krustacea yang bernilai lebih daripada 51% dari jumlah nilai. Lain-lain jenis yang penting ialah "Jacks, Mulllets dan lain-lain" (16%) dan "Mackerels, billfishes dan sebagainya" (10%). Sabah mempunyai potensi sumber lebih kurang 119,000 tan metrik. Ini bermakna bahawa pendaratan pada tahun 1983 hanya sebanyak 38.6% daripada jumlah.

SARAWAK

Pendaratan ikan laut di Sarawak dalam 4 tahun kebelakangan ini telah berkurangan sedikit (iaitu sebanyak 14.7%) seperti ditunjukkan di dalam Rajah 3. Pendaratannya telah menurun daripada 82,293 tan metrik dalam tahun 1979 kepada 70,438 tan metrik dalam tahun 1983. Kekurangan ini adalah selaras dengan kekurangan pendaratan pukat tunda yang merupakan alat yang menyumbangkan pendaratan yang terbanyak di Sarawak. Sumbangannya sebanyak 58,840 tan metrik (atau 71% daripada jumlah) telah menurun kepada 30,116 tan metrik (atau 43% daripada jumlah) dalam tahun 1983.

II. GUNATENAGA

Sektor Perikanan mempunyai seramai 106,373 orang nelayan. Ini merupakan 2.04% dari jumlah gunatenaga dalam negara. Dari jumlah ini seramai 75,500 orang adalah di Semenanjung, 11,783 orang di Sarawak dan 19,000 di Sabah. Bilangan nelayan berkurangan di Semenanjung dan Sarawak dalam tahun 1983 berbanding tahun 1982. Manakala bilangannya bertambah di Sabah (lihat Jadual 1).

Jadual I: Bilangan Nelayan di Malaysia

Tahun	Semenanjung	Sarawak	Sabah	Jumlah
1982	80,237	12,143	19,850	112,230
1983	75,590	11,783	19,900	107,273

Nelayan di Semenanjung terdiri dari nelayan Melayu itu seramai 47,322 orang (62.6%), 25,238 orang nelayan Cina (33%) dan baki-nya terdiri dari orang-orang Thai, India dan lain-lain. Sebilangan 56.34% daripada jumlah nelayan Melayu adalah terdapat di pantai timur. Di sebabkan berlebihan usaha penangkapan di Semenanjung Malaysia satu langkah untuk mempercepatkan pengurangan bilangan bot dan seterusnya nelayan telah di ambil.

III. BOT-BOT PERIKANAN DAN ALAT-ALAT TANGKAPAN

Bot-bot Perikanan dan Alat-alat Tangkapan

Terdapat sebanyak 40,168 buah bot perikanan yang dilesenkan di Malaysia. Pecahannya adalah seperti berikut: 25,695 buah di Semenanjung Malaysia; 8,173 buah di Sarawak dan 6,300 buah di Sabah. Ini bermakna pengurangan lebih kurang 3.2% berbanding dalam tahun 1982. Pengurangan tersebut adalah berlaku di Semenanjung Malaysia, dari 27,741 buah kepada 25,695 buah (lebih kurang 7.4%).

Alat perkakas penangkapan ikan yang terbanyak dilesenkan di Semenanjung Malaysia ialah pukat hanyut (47% daripada jumlah), diikuti oleh pukat tunda sebanyak 4,591 unit (15%). Peratus pukat tunda dan pukat hanyut masing-masing adalah lebih kurang 21% dan 40% dalam tahun 1975.

Masih terdapat 37% buah bot tanpa injin dan injin sangkut dilesenkan. Keadaan ini tidak banyak berubah dalam jangka masa 5 tahun, yang mana puratanya sebanyak 38%. Negeri yang banyak bilangan bot ialah Perak (19%) dan diikuti oleh Selangor dan Terengganu (13% masing-masing).

Jadual II menunjukkan bilangan bot-bot perikanan yang dilesenkan di Malaysia dalam tahun 1982 dan 1983.

Jadual II: Bilangan bot-bot perikanan yang dilesenkan di Malaysia

Tahun	Semenanjung Malaysia	Sarawak	Sabah	Jumlah
1982	27,741	7,706	6,050	41,497
1983	25,695	8,173	6,300	40,168

IV. EKSPORT/IMPORT

Sektor perikanan juga penting sebagai sumber pertukaran wang asing negara. Nilai eksport ikan dalam tahun 1983 dari Semenanjung ialah \$242,811,397, Sarawak \$29,303,270 dan Sabah \$85,914,149 berjumlah sebanyak \$358,028,816. Jumlah ini merupakan 1.1% daripada jumlah eksport negara. Jadual III menunjukkan nilai eksport dan import dalam tahun 1980 dan 1983.

Jadual III: Nilai Eksport-Import Hasil Perikanan Malaysia

Eksport/Import	Semenanjung	Sarawak	Sabah	Jumlah
1980 Eksport	\$243,362,980	\$20,996,636	\$35,127,434	\$299,487,050
1980 Import	\$130,218,222	\$20,067,755	\$21,966,287	\$172,262,264
1983 Eksport	\$242,811,397	\$29,303,270	\$85,914,149	\$358,028,816
1983 Import	\$202,888,003	\$25,211,348	\$24,005,475	\$255,104,826

Negara-negara utama yang menjadi pengimport hasil perikanan dari Semenanjung Malaysia ialah Jepun (17.8%), Singapura (15.7%), Australia (15.2%) dan Amerika (9.6%). Barangan yang menjadi eksport utama dalam tahun 1983 ialah hasil-hasil dari kumpulan 'crustaceans' dan 'molluscs' berjumlah sebanyak 74.8% dari nilai eksport.

Nilai import telah bertambah sebanyak 55.8% bagi Semenanjung Malaysia dan 48% bagi seluruh Malaysia. Dari segi kuantiti pertambahan import dalam tahun 1983 ialah lebih kurang 15% dibandingkan dengan tahun 1980. Pertambahan nilai import meningkat begitu banyak disebabkan kenaikan harga barangan ikan utama yang diimport. Sebagai contoh, harga purata "other marine fish, fresh or chilled" (Barangan import utama, sebanyak 43%) telah meningkat daripada \$606 se tan dalam tahun 1980 kepada \$812 se tan dalam tahun 1983. Seterusnya harga import barangan komoditi "Sardines in airtight containers" telah meningkat dari \$1,827 se tan ke \$2,317 se tan metrik.

Satu perkara lagi yang penting dalam perdagangan ikan ialah pertambahan nilai dan jumlah eksport masing-masing hanya 19% dan 4%.

V. PENGELUARAN AKUAKULTUR

Dalam tahun 1983, bilangan kolam yang di usahakan untuk menternak ikan bertambah sebanyak 35.5% dari tahun 1980. Dari segi keluaran, pertambahannya ialah 54.4%. Jumlah kolam binaan yang di usahakan ialah 16,413 buah dengan keluasan 2,787 hektar. Bekas lombong yang di usahakan untuk menternak ikan pula merosot 49% dan 34% dari segi keluasan.

Di samping itu ternakan dalam sangkar pula bertambah dengan pesatnya dari segi bilangan dan keluasan iaitu masing-masing sebanyak 159.6% dan 184.4% jika di bandingkan dengan tahun 1980. Jumlah sangkar yang di usahakan ialah 5,182 buah dengan keluasan 43,959 meter persegi. Kebanyakan sangkar (59%) ialah untuk ternak air payau dan hanya 2% sahaja diletak di kolam-kolam.

Jenis ikan yang terbanyak sekali di keluarkan ialah Kap Kepala Besar (31%); Lee Koh (28%); Kap Rumpit (21%) dan Lampam Jawa (10%).

Bilangan penternak yang terlibat dengan usaha menternak ikan sama ada secara kolam ataupun secara sangkar ialah 13,487 orang, terdiri daripada 10,569 orang Melayu (78.4%), 2,367 orang Cina (17.5%), 52 India 1.1% dan 97 lain-lain (3%).

Anggaran pengeluaran keseluruhan dalam tahun ini ialah 12,909.92 tan metrik iaitu berkurangan sebanyak 13% daripada anggaran hasil yang dikeluarkan pada tahun 1982. Kemerosotan ini adalah disebabkan oleh kolam-kolam binaan dan bekas-bekas lombong yang ditutup dan terbiar.

STATUS OF THE FISHERIES SECTOR 1983.

I. LANDINGS OF MARINE FISH

1. PENINSULAR MALAYSIA

The amount of fish landed in Peninsular Malaysia experienced a sharp increase over the last 14 years. It increased from 302,885 metric tons in 1969 to 609,055 metric tons in 1983. The landing in 1983 was an increase of about 7% over that of 1982.

West Coast.

The West Coast contributed about 72% of the total catch of Peninsular Malaysia. The fishing activities and the number of boats in the west coast were much more than in the east coast. There was an increase of about 82% in the landings of the west coast over a period of 14 years, that is from 243,620 metric tons in 1969 to 442,173 metric tons in 1983. The trend is shown in Graph 1. The peak was in 1983 when it coincided with the peak of the pelagic landings. The landings of the pelagic fishes increased by 43% from 103,645 metric tons in 1969 to 148,672 metric tons in 1983.

The landings of the demersal fishes increased by more than one fold from 74,238 metric tons in 1969 to 171,812 metric tons in 1983. However, the increase in the edible demersal fishes was only 44% from 34,270 metric tons to 49,444 metric tons.

Another important item was prawns which comprised about 11% of the total (at 50,521 metric tons). The prawn landings used to be made largely by the trawlers. However the latter's contribution has decreased due to the intensification of management measures. Instead the drift nets and bag nets have increased their prawn landings.

On the average, landing of the west coast in the last 5 years (at 446,000 metric tons) have exceeded the maximum sustainable yield of 345,000 metric tons.

East Coast

The known resource potentials in the east coast are smaller than that of the west coast. The landings have increased by more than 3 folds, from 54,220 metric tons in 1969 to 166,883 metric tons in 1983.

The pelagic landings formed about 66% of the total catch (at 110,245 metric tons). Most of the pelagic landings were recorded in the state of Terengganu by such gears as drift nets and lift nets.

The landings of demersal catch has increased since the introduction of trawlers in the east coast. In 1983 it formed about 28.8% of the total landings in east coast. Some 49% of the demersal catch were caught by the trawlers, whilst the rest were landed by the traps and drift nets.

The prawn resource potentials are between 5,000 to 6,000 metric tons, thus the low catch of prawn in the East Coast.

The maximum sustainable yield in the east coast is 265,000 metric tons, therefore there is scope for further increase in landings.

2. SABAH AND SARAWAK

The data on the fisheries sector in the states of Sabah and Sarawak is not that comprehensive. Graph 3 shows the landing trends in the two states.

Sabah

The total landings have increased by 91% from 24,029 metric tons in 1969 to 45,950 metric tons in 1983. Most of these were fin fishes (at 33,600 metric tons) and the rest were crustaceans (at 10,700 metric tons), molluscs (at 850 metric tons) and other aquatic landings (at 800 metric tons).

The value of the landings was estimated at \$155.55 million, an increase of about 17% over that of 1982. The crustaceans contributed about 51% of the total. The other important species were the groups "Jacks, mullets and others" (16%) and "Mackerel, bill fishes and others" (10%).

The resource potentials in Sabah is estimated at 119,000 metric tons, indicating that the catch in 1983 was only 38.6% of the total.

Sarawak

The landings in Sarawak has decreased over the last 4 years (by 14.7%) as indicated in Graph 3. The landings in 1983 was 70,438 metric tons and in 1979 it was 82,293 metric tons. This trend coincides with the decrease in the trawl landings which contributed the most. Its contribution of 58,840 metric tons (or about 71% of the total) was reduced to 30,116 metric tons (or 43% of the total).

II. EMPLOYMENT

There were some 106,373 fishermen in the whole of Malaysia. They formed about 2.04% of the total labour force in the country. The breakdowns are as follows: 75,000 persons in Peninsular Malaysia, 11,783 persons in Sarawak and 19,000 persons in Sabah. The number of fishermen in Peninsular Malaysia and Sarawak in 1983 was less than that in 1982. There was however an increase in Sabah (refer to Table I).

Table I: Number of Fishermen In Malaysia

Year	Peninsular	Sarawak	Sabah	Total
1982	80,237	12,143	19,850	112,230
1983	75,590	11,783	19,900	107,273

The ethnic compositions of the fishermen in Peninsular Malaysia are as follows: Malays 47,322 persons (62.6%); Chinese 25,238 person (33%) and others (Indians etc). Some 56.34% of the Malays were found in the east coast of Peninsular Malaysia. In view of the excess fishing efforts in Peninsular Malaysia, there are programs to intensify the reduction of fishing boats and thus the number of fishermen.

III. FISHING BOATS AND GEARS

There were some 40,168 licensed fishing boats in Malaysia. The details are as follows: 25,695 units in Peninsular Malaysia, 8,173 units in Sarawak and 6,300 units in Sabah. There was a decrease of about 3.2% over that of 1982. This was due largely to the decrease of number of boats in Peninsular Malaysia, from 27,741 units to 25,695 units (a decrease of about 7.4%).

The single most number of gears licensed in the Peninsular was the drift nets (some 47% of the total). Next was the trawlers at 4,591 unit (15% of the total). The percentage of trawl nets was about 21% in 1975 and that of the drift nets was only 40%.

There were still some 37% fishing boats which were non-powered and powered by outboard engines. The situation has not changed much over the last 5 years, during which the average was about 38%.

The state which had the most number of boats was Perak (about 19%), followed by Selangor and Terengganu (13% each).

Table II shows the number of fishing boats in Malaysia in 1982 and 1983.

Table II: Number of Licensed Fishing Boats in Malaysia.

Year	Peninsular	Sarawak	Sabah	Total
1980	27,741	7,706	6,050	41,497
1983	25,695	8,173	6,300	40,168

IV. EXPORT/IMPORT

The fisheries sector also contributes to the foreign exchange earnings in the form of export. The value of fish exports in 1983 was \$242,811,397 from Peninsular Malaysia, \$29,303,270 from Sarawak and \$85,914,149 from Sabah, giving a total of \$358,028,816. The export value of fishery commodities formed about 1.1% of the total exports of the nation. Table III shows the value of exports and imports in 1980 and 1983.

Table III: Value of Exports and Imports of Fisheries Products in Malaysia

Exports/Imports	Peninsular	Sarawak	Sabah	Total
1980 Exports (\$)	243,362,980	20,996,636	35,127,434	299,487,050
1980 Imports (\$)	130,218,222	20,067,755	21,966,287	172,262,264
1983 Exports (\$)	242,811,397	29,303,270	85,914,149	358,028,816
1983 Imports (\$)	202,888,003	25,211,348	24,005,475	255,104,826

The countries which imported the most from Peninsular Malaysia were: Japan (17.8%); Singapore (15.7%); Australia (15.2%); and USA (9.6%). The most important exports in 1980 were commodities under the groups "crustaceans" and "molluscs" which together comprised about 74.8% of the total value.

The value of imports has increased by some 55.8% for Peninsular Malaysia and by 48% for the whole of Malaysia. In term of quantity, there was only an increase of about 15% over 1980 imports. The large increase in the value of imports was largely contributed by the increase in the price of main fisheries commodities imported. As an example, the average price of "other marine fish, fresh or chilled" (the single most important import item, at 43%) has gone up from \$606/tonne in 1980 to \$812/tonne in 1983. Likewise, the import price of the commodity "sardines, in airtight containers" has increased from \$1,827/tonne to \$2,317/tonne.

Another important feature in fish trading is that the value and volume of export increased by 19% and 4% respectively.

V. AQUACULTURE PRODUCTION

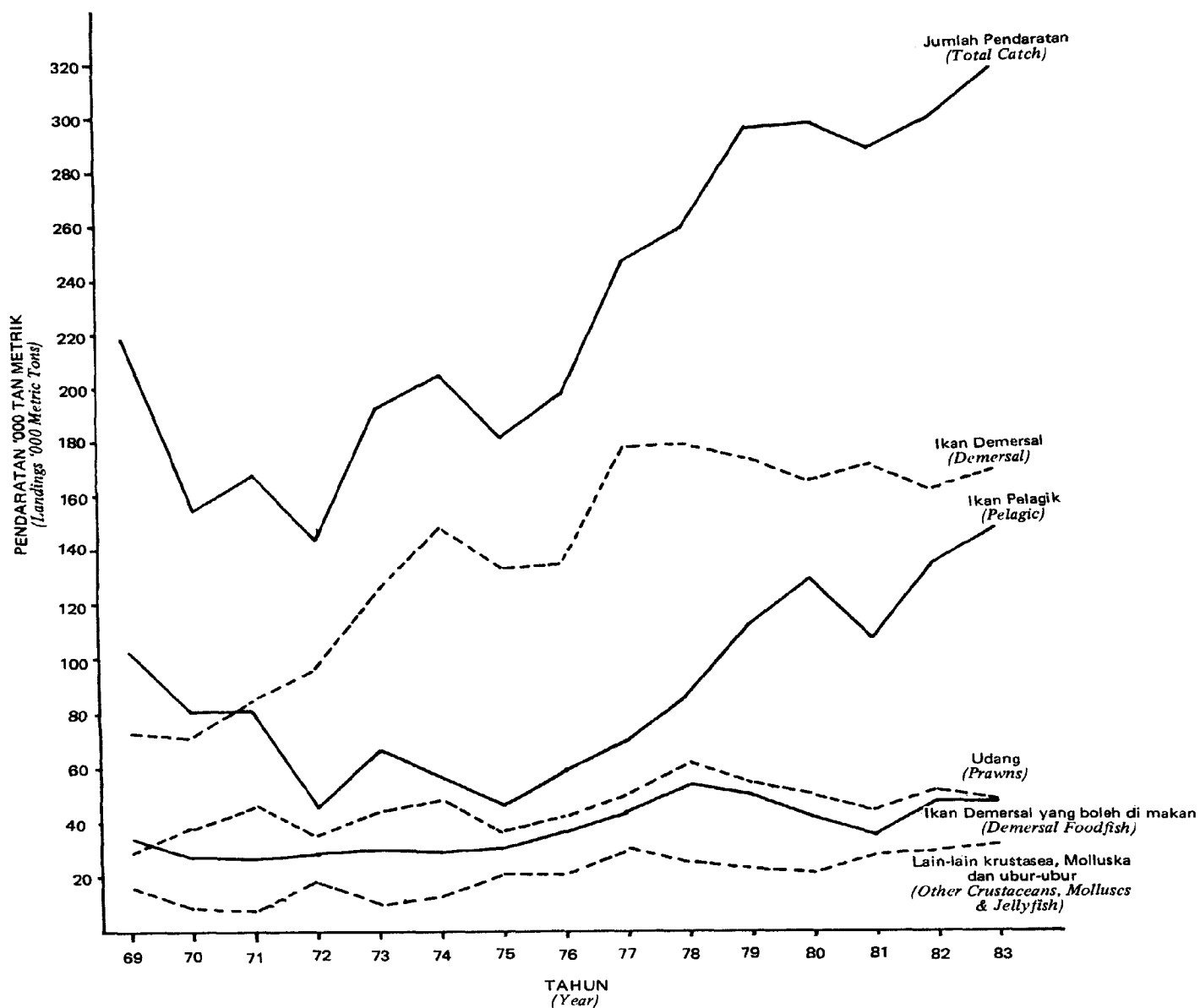
The number of ponds constructed in 1983 increased by 35.5% over that of 1980. The total area involved also increased by 54.4%. The number of ponds was 16,413 units with a total area of about 2,783 ha.

There was however a decrease of 49% and 34.4% in the number and area of old mining ponds used for aquaculture respectively. There were some 1,196 units of old using ponds used for aquaculture occupying a total area of 2,200 ha. On the other hand, aquaculture activity by culturing in cages was stepped up by almost two folds as compared to 1980, both in term of number and area (by 159.6% and 184.4% respectively). The total number of cages and area involved was 5182 units and 43,959 sq. meter respectively. Most of the cages (59%) were utilised for brackishwater aquaculture, while only 2% were used in ponds.

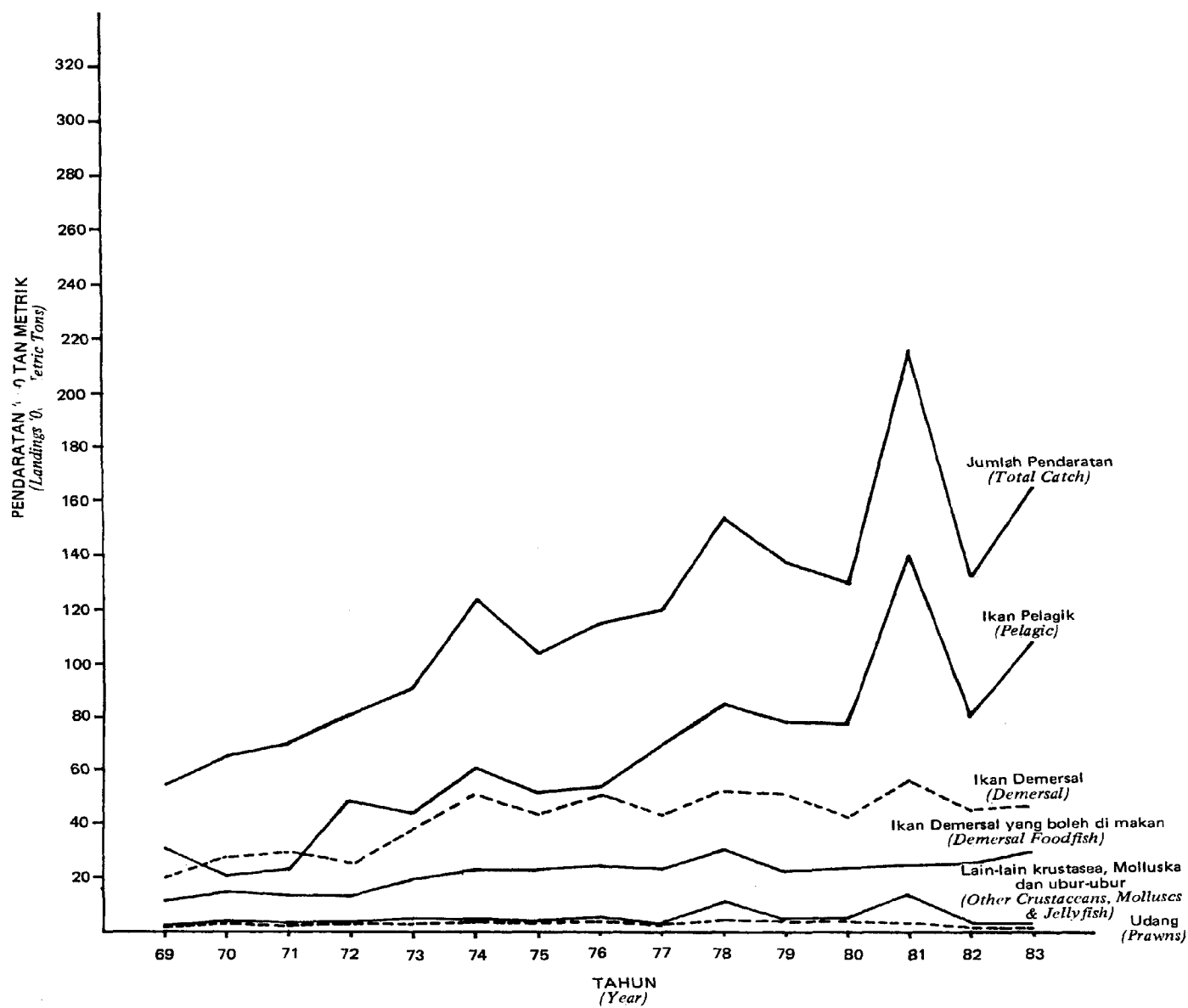
The most popular species in terms of production were: Big Head Carp (31%); Lee Koh (28%); Grass Carp (21%) and Javanese Carp (10%).

The number of culturists involved in pond and cage cultures was some 13,487 persons. The ethnic compositions were as follow: 10,569 Malays (78.4%); 2,367 Chinese (17.5%); 152 Indians (1.1%) and 397 others (3%).

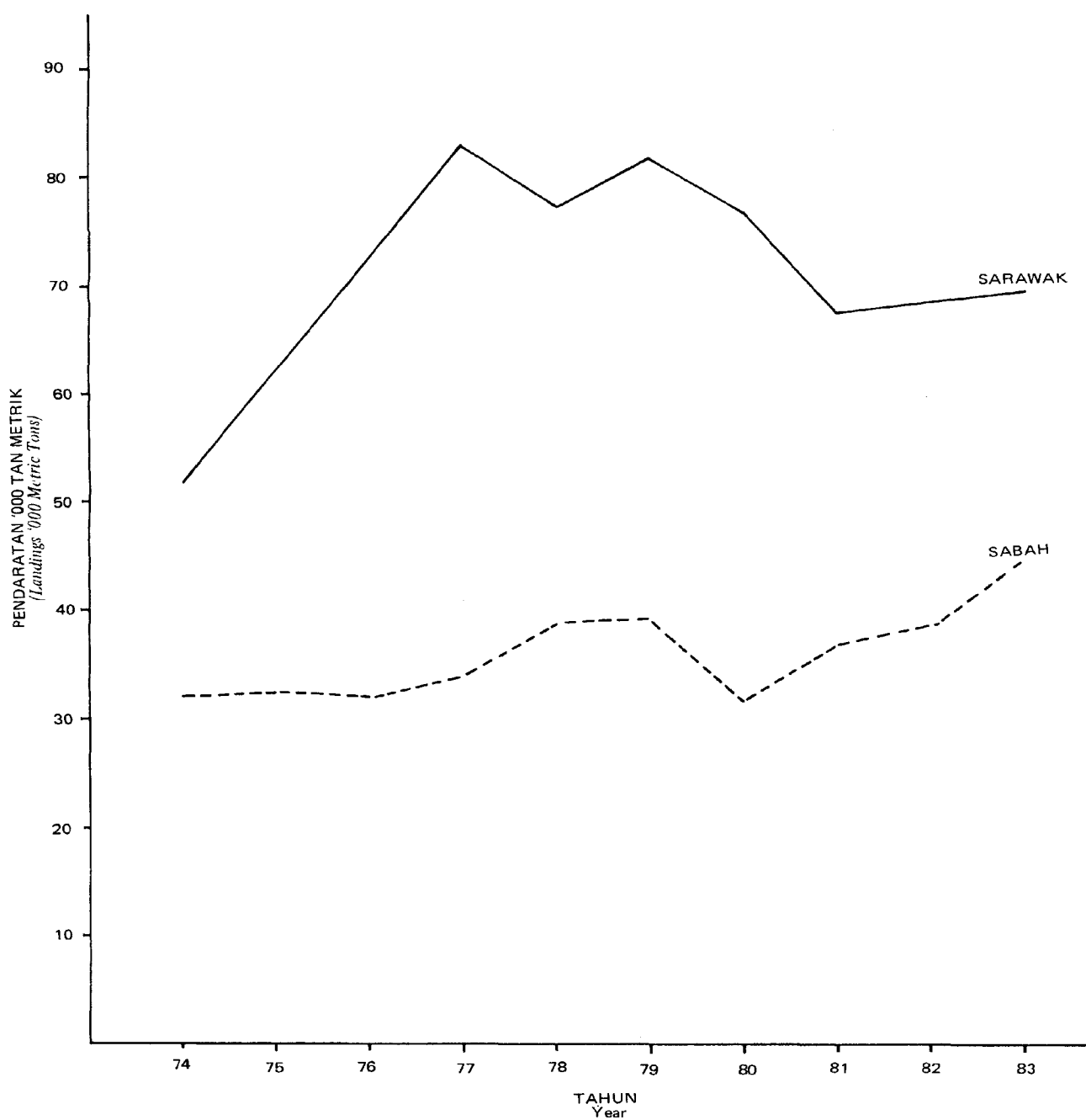
There was a decline of about 13% in the total production over that of 1982 to 12,909.92 metric tons. The reason could be due to the ponds and old mining pools being closed or abandoned.



RAJAH 1: ALIRAN PENDARATAN PANTAI BARAT
(Graph 1: West Coast – Trend of Landings)

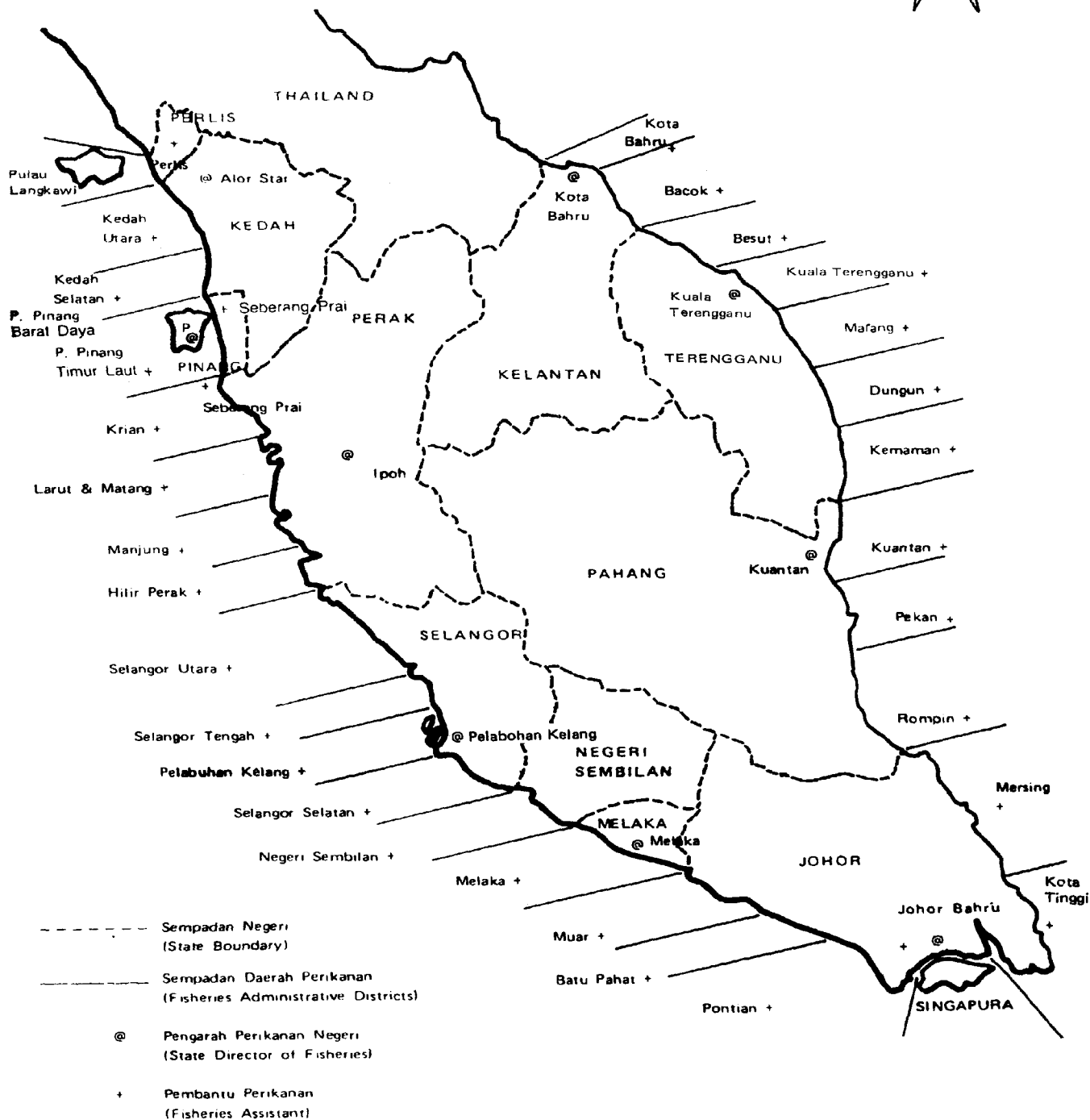


RAJAH 2: ALIRAN PENDARATAN PANTAI BARAT
(Graph 2: West Coast – Trend of Landings)



RAJAH 3: ALIRAN PENDARATAN
(Graph 3: Trend of Landings)

SEMANANJUNG MALASIA – DAERAH-DAERAH PERIKANAN
(Peninsular Malaysia – Fisheries Districts)



Perikanan Laut
SEMENANJUNG MALAYSIA

**Marine Fisheries
Peninsular Malaysia**

JADUAL (TABLE) 1.1

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN NELAYAN-NELAYAN YANG BEKERJA DI ATAS BOT-BOT BERLESEN, 1983
 NO. OF FISHERMEN WORKING IN LICENSED BOATS, 1983

Negeri/ <i>State</i>	Pantai Barat/ <i>West Coast</i>									Pantai Timur/ <i>East Coast</i>					Jumlah Besar
Bangsa/ <i>Race</i>	Perlis	Kedah	Pulau Pinang <i>Penang</i>	Perak	Selangor	Negeri Sembilan	Melaka <i>Malacca</i>	Johor Barat <i>West Johore</i>	Jumlah Kecil <i>Sub Total</i>	Kelantan	Trengganu	Pahang	Johor Timur <i>East Johore</i>	Jumlah Kecil <i>Sub Total</i>	<i>Grand Total</i>
Melayu <i>Malay</i>	1,200	6,818	2,852	3,131	1,202	248	1,159	4,028	20,638	7,342	12,012	3,740	3,590	26,684	47,322
Cina <i>Chinese</i>	122	994	3,515	8,785	5,856	312	609	3,259	23,452	59	12	121	1,594	1,786	25,238
India <i>Indian</i>	—	—	38	312	154	27	—	1	532	—	—	—	2	2	534
Portugis <i>Portuguese</i>	—	—	—	—	—	—	77	—	77	—	—	—	—	—	77
Thai <i>Thais</i>	1,738	468	—	—	—	—	—	—	2,206	58	—	32	—	90	2,296
Orang Asli <i>Aborigines</i>	—	—	—	—	—	—	—	123	123	—	—	—	—	—	123
Jumlah Besar <i>Grand Total</i>	3,060	8,280	6,405	12,228	7,212	587	1,845	7,411	47,028	7,459	12,024	3,893	5,186	28,562	75,590

JADUAL (TABLE) 1.2

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
**BILANGAN NELAYAN-NELAYAN YANG BEKERJA DI ATAS BOT-BOT BERLESEN MENGIKUT KUMPULAN-KUMPULAN PERKAKAS
 DAN NEGERI, 1983**

NO. OF FISHERMEN WORKING IN LICENSED BOATS BY GEAR GROUP AND STATE, 1983

Negeri/State Kumpulan Perkakas Gear Group	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Kelantan	Trengganu	Pahang	Johor Timur East Johore	Jumlah Total
Pukat Tunda/Trawl Nets	811	2,122	610	3,730	1,272	—	—	798	523	1,085	1,044	1,063	13,058
Pukat Tarik/Seine Nets:													
Pukat Jerut Ikan Purse Seine-Fish	1,595	591	1,042	1,985	146	—	—	196	928	1,990	512	1,187	10,172
Pukat Jerut Bilis Purse Seine-Anchovy	—	2,019	—	139	—	—	—	—	—	939	218	—	3,315
Lain-lain Other Seines	19	72	598	322	30	—	16	80	880	459	6	—	2,482
Pukat Hanyut Gill/Drift Nets	492	2,266	3,433	3,939	4,699	567	1,651	5,073	3,325	2,450	850	1,366	30,111
Pukat Tangguk Lift Nets	—	140	—	—	17	—	—	7	273	423	241	57	1,158
Perangkap/Traps:													
Belat-belat Stationary	3	11	176	29	—	—	19	115	—	—	—	125	478
Bubu Portable	—	16	—	272	5	—	—	269	89	544	316	71	1,582
Pancing Hooks and Lines	119	160	217	779	355	20	153	317	1,408	3,848	665	1,142	9,183
Pukat Bakul Bag Nets	—	41	178	131	474	—	—	131	—	—	—	59	1,014
Pukat Surung Push/Scoop Nets	—	13	24	15	122	—	—	87	—	—	—	—	261
Pukat Rentang Barrier Nets	15	75	2	—	48	—	6	161	—	—	2	28	337
Memungut Siput Shellfish Collections	6	—	17	318	11	—	—	142	—	—	18	—	512
Pembawa Ikan Fish Carriers	—	751	60	274	31	—	—	4	33	149	—	—	1,302
Rampaian Miscellaneous	—	3	48	295	2	—	—	31	—	137	21	88	625
Jumlah/Total	3,060	8,280	6,405	12,228	7,212	587	1,845	7,411	7,459	12,024	3,893	5,186	75,590

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 BILANGAN BOT-BOT PERIKANAN YANG DILESENKAN MENGIKUT NEGERI DAN KELAS MUATAN, 1983
 NUMBER OF LICENSED FISHING BOATS BY STATE AND TONNAGE CLASS, 1983

Jenis/Type Negeri/State	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Outboard-powered	BOT JENTERA 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	25-39.9 Tan Tons	40-49.9 Tan Tons	50-69.9 Tan Tons	70-99.9 Tan Tons	100 Tan dan ke atas (100 tons and above)
Pantai Barat/West Coast														
Perlis	612	5	135	472	84	78	137	32	13	78	21	22	7	—
Kedah	2,024	89	824	1,111	235	196	71	55	45	240	167	71	31	—
Pulau Pinang/Penang	2,282	211	1,028	1,043	478	298	10	12	12	182	26	23	2	—
Perak	4,889	241	1,144	3,504	857	927	947	247	40	140	114	222	10	—
Selangor	3,494	263	660	2,571	231	1,538	332	116	45	219	60	28	2	—
Negeri Sembilan	208	26	108	74	16	58	—	—	—	—	—	—	—	—
Melaka/Malacca	864	62	509	293	34	259	—	—	—	—	—	—	—	—
Johor Barat/West Johore	3,522	411	1,773	1,338	412	705	103	87	23	8	—	—	—	—
Jumlah Kecil Sub-Total	17,895	1,308	6,181	10,406	2,347	4,059	1,600	549	178	867	388	366	52	—
Pantai Timur/East Coast														
Kelantan	1,668	86	329	1,253	610	239	180	124	30	52	9	4	5	—
Trengganu	3,364	583	33	2,748	487	892	688	458	81	98	26	17	1	—
Pahang	1,190	122	134	934	149	479	182	22	14	51	27	10	—	—
Johor Timur/East Johore	1,578	109	525	944	145	338	112	33	37	138	86	54	1	—
Jumlah Kecil Sub-Total	7,800	900	1,021	5,879	1,391	1,948	1,162	637	162	339	148	85	7	—
Jumlah Besar Grand-Total	25,695	2,208	7,202	16,285	3,738	6,007	2,762	1,186	340	1,206	536	451	59	—

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENIKUT NEGERI DAN UKURAN PANJANG 1983
 NUMBER OF LICENSED FISHING BOATS BY STATE AND LENGTH 1983

NEGERI/STATE UKURAN PANJANG/LENGTH	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	N. Sembilan	Melaka (Malacca)	Johor Barat (West Johore)	Jumlah Kecil (Sub-Total)	Kelantan	Trengganu	Pahang	Johor Timur (East Johore)	Jumlah Kecil (Sub-Total)	Jumlah Besar (Grand Total)
INJIN DALAM/INBOARD-POWERED															
Kurang dari 8 meter (Under 8 metres)	14	11	32	45	11	—	—	107	220	215	92	2	52	361	581
8 – 11.9 meter (metres)	237	306	721	2,534	1,437	52	163	807	6,257	668	1,322	683	375	3,048	9,305
12 – 14.9 "	92	310	62	457	846	22	130	384	2,303	275	1,082	176	213	1,746	4,049
15 – 19.9 "	104	410	222	452	276	—	—	40	1,504	80	219	73	302	674	2,178
20 – 24.9 "	25	72	6	15	1	—	—	—	119	14	33	—	2	49	168
25 – 29.9 "	—	2	—	1	—	—	—	—	3	1	—	—	—	1	4
Lebih dari 30 " (30 metres & above)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	472	1,111	1,043	3,504	2,571	74	293	1,338	10,406	1,253	2,748	934	944	5,879	16,285
INJIN SANGKUT/OUTBOARD-POWERED															
Kurang dari 8 meter (Under 8 metres)	135	815	1,026	1,142	660	107	509	1,770	6,164	79	32	130	505	746	6,910
8 – 11.9 meter (metres)	—	8	2	2	—	1	—	2	15	250	1	4	19	274	289
12 – 14.9 "	—	—	—	—	—	—	—	1	1	—	—	—	1	1	2
15 – 19.9 "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20 – 24.9 "	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
25 – 29.9 "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lebih dari 30 " (30 metres & above)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	135	824	1,028	1,144	660	108	509	1,773	6,181	329	33	134	525	1,021	7,202
TIADA JENTERA/NON-POWERED															
Kurang dari 8 meter (Under 8 metres)	5	88	211	240	191	26	62	411	1,234	69	525	109	109	812	2,046
8 – 11.9 meter (metres)	—	1	—	1	6	—	—	—	8	14	55	7	—	76	84
12 – 14.9 "	—	—	—	—	53	—	—	—	53	2	3	6	—	11	64
15 – 19.9 "	—	—	—	—	13	—	—	—	13	1	—	—	—	1	14
20 – 24.9 "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25 – 29.9 "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lebih dari 30 " (30 metres & above)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	5	89	211	241	263	26	62	411	1,308	86	583	122	109	900	2,208

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KUASA KUDA 1983
 NUMBER OF LICENSED FISHING BOATS BY STATE AND HORSEPOWER 1983

NEGERI/STATE KUASA KUDA/HORSEPOWER OF ENGINE	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	N. Sembilan	Melaka (Malacca)	Johor Barat (West Johore)	Jumlah Kecil (Sub-Total)	Kelantan	Trengganu	Pahang	Johor Timur (East Johore)	Jumlah Kecil (Sub-Total)	Jumlah Besar (Grand Total)
INJIN DALAM/INBOARD-POWERED															
Kurang dari 5 K.K. (Under 5 h.p.)	11	15	4	66	17	—	2	65	180	193	122	18	30	363	543
5 — 9 K.K. (h.p.)	67	133	88	360	102	11	88	157	1,006	419	319	60	89	887	1,893
10 — 19 K.K. "	40	165	151	419	490	30	162	450	1,907	180	599	242	204	1,225	3,132
20 — 39 K.K. "	194	132	515	1,635	1,056	33	41	358	3,964	379	1,445	487	282	2,593	6,557
40 — 59 K.K. "	16	47	33	495	284	—	—	118	993	34	129	14	5	182	1,175
60 — 99 K.K. "	—	8	16	22	194	—	—	81	321	19	57	14	5	95	416
100 — 149 K.K. "	41	135	106	62	152	—	—	102	598	23	41	28	120	212	810
150 — 249 K.K. "	98	464	130	397	273	—	—	7	1,369	5	34	71	207	317	1,686
250 — 349 K.K. "	4	12	—	48	3	—	—	—	67	—	1	—	2	3	70
350 K.K. ke atas (300 h.p. & above)	1	—	—	—	—	—	—	—	1	1	1	—	—	2	3
JUMLAH/TOTAL	472	1,111	1,043	3,504	2,571	74	293	1,338	10,406	1,253	2,748	934	944	5,879	16,285
INJIN SANGKUT/OUTBOARD-POWERED															
Kurang dari 5 K.K. (Under 5 h.p.)	66	299	556	834	401	48	154	1,000	3,358	179	28	24	325	556	3,914
5 — 9 K.K. (h.p.)	69	523	329	276	240	57	275	570	2,339	79	5	110	177	371	2,710
10 — 19 K.K. "	—	2	133	32	18	3	71	102	361	61	—	—	13	74	435
20 — 39 K.K. "	—	—	10	2	1	—	9	84	106	10	—	—	9	19	125
40 — 59 K.K. "	—	—	—	—	—	—	—	17	17	—	—	—	1	1	18
60 — 99 K.K. "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
100 — 149 K.K. "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
150 — 249 K.K. "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
250 — 349 K.K. "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
350 K.K. ke atas (350 & above)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	135	824	1,028	1,144	660	108	509	1,773	6,181	329	33	134	525	1,021	7,202

JADUAL (TABLE) 2.4

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT BERJENTERA DALAM MENGIKUT JENAMA DAN NEGERI, 1983
 NUMBER OF INBOARD, POWERED FISHING BOATS BY TRADE NAME AND STATE, 1983

Jenama <i>Trade Name of Engine</i>	Perlis	Kedah	Pulau Pinang <i>Penang</i>	Perak	Selangor	Negeri Sembilan	Melaka <i>Malacca</i>	Kelantan	Trengganu	Pahang	Johor		Jumlah <i>Total</i>
											Barat <i>West</i>	Timur <i>East</i>	
YANMAR	283	333	252	1,685	1,411	66	213	1,191	2,508	798	1,037	569	10,346
DAIYA	20	59	11	99	125	3	78	41	188	14	72	26	736
MERCEDES	13	80	284	369	29	—	—	—	—	3	7	3	788
AEC	14	48	107	55	35	—	—	1	10	17	16	43	346
KUBOTA	2	1	—	23	19	3	1	—	4	—	19	5	77
PERKINS	—	8	20	315	176	1	—	—	—	4	14	10	548
PETTER	—	—	47	52	10	—	1	—	19	3	3	1	136
LEYLAND	33	134	15	13	412	—	—	—	—	19	106	74	806
CUMMINS	69	376	85	399	228	—	—	—	14	52	15	169	1,407
LISTER	—	1	2	—	—	—	—	1	1	—	1	1	7
DONG FENG	—	2	1	5	3	—	—	—	—	—	—	5	16
GARDNER	15	8	9	17	52	—	—	—	—	2	2	2	107
HINO	10	21	30	4	—	—	—	—	—	—	—	1	66
BUKH	—	—	—	—	1	—	—	—	—	2	—	—	3
ISUZU	7	23	2	13	64	—	—	—	1	15	29	34	188
VOLVO	—	—	—	—	—	—	—	16	1	—	—	1	18
MWM	—	—	—	—	1	—	—	—	—	—	—	—	1
KEW	—	11	167	431	—	—	—	—	—	—	—	—	609
ROLLS-ROYCE	—	—	2	4	—	—	—	—	—	—	—	—	6
FORD	1	—	—	8	—	—	—	—	—	1	—	—	10
LAIN-LAIN/OTHERS	5	6	9	12	5	1	—	3	2	4	17	—	64
	472	1,111	1,043	3,504	2,571	74	293	1,253	2,748	934	1,338	944	16,285

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
BILANGAN BOT-BOT BERJENTERA DALAM MENGIKUT JENAMA DAN KUASA-KUDA – 1983
NUMBER OF INBOARD-POWERED FISHING BOATS BY ENGINE TRADE NAME AND HORSE-POWER – 1983

Jenama <i>Trade Name of Engine</i>	Kurang dari 5 k.k. <i>Under 5 h.p.</i>		5-9 k.k. <i>5-9 h.p.</i>		10-19 k.k. <i>10-19 h.p.</i>		20-39 k.k. <i>20-39 h.p.</i>		40-59 k.k. <i>40-59 h.p.</i>		60-99 k.k. <i>60-99 h.p.</i>		100-149 k.k. <i>100-149 h.p.</i>		150-249 k.k. <i>150-249 h.p.</i>		250-349 k.k. <i>250-349 h.p.</i>		350 k.k. & ke atas <i>350 h.p. & above</i>		Jumlah/ <i>Total</i>	
	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast	Pantai Barat Coast	Pantai Timur East Coast
Yanmar	174	358	545	837	1,800	1,110	2,405	2,468	269	149	69	73	3	46	14	25	1	—	—	—	5,280	5,066
Daiya	2	—	332	37	56	93	75	108	2	26	—	4	—	—	—	1	—	—	—	—	467	269
Mercedes	—	—	—	—	2	—	713	—	9	—	1	—	6	2	50	4	1	—	—	—	782	6
Aec	—	—	—	—	—	—	1	—	2	—	3	9	190	39	79	23	—	—	—	—	275	71
Kubota	1	1	46	7	3	1	4	—	13	—	1	—	—	—	—	—	—	—	—	—	68	9
Perkins	—	—	—	—	4	2	355	11	39	1	135	—	1	—	—	—	—	—	—	—	534	14
Petter	3	—	74	4	34	17	2	2	—	—	—	—	—	—	—	—	—	—	—	—	113	23
Leyland	—	—	—	—	—	—	71	1	252	4	52	7	302	77	36	4	—	—	—	—	713	93
Cummins	—	—	—	—	—	—	—	—	12	1	—	—	14	13	1,086	218	60	2	—	1	1,172	235
Lister	—	1	2	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	4	3
Dong Feng	—	—	—	—	3	—	4	—	—	—	—	—	4	5	—	—	—	—	—	—	11	5
Gardner	—	—	—	—	—	—	7	—	38	1	24	1	5	—	29	2	—	—	—	—	103	4
Hino	—	—	—	—	—	—	7	—	33	—	14	—	7	—	4	1	—	—	—	—	65	1
Bukh	—	2	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2
Isuzu	—	—	1	—	—	—	2	—	2	—	16	—	57	10	60	39	—	1	—	—	138	50
Volvo	—	—	—	—	—	—	—	—	—	—	—	—	—	18	—	—	—	—	—	—	—	18
Mwm	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—
Kew	—	—	1	—	2	—	292	—	314	—	—	—	—	—	—	—	—	—	—	—	609	—
Rolls-Royce	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	2	—	—	—	6	—
Ford	—	—	—	—	—	—	6	1	3	—	—	—	—	—	—	—	—	—	—	—	9	1
Lain-lain/ <i>Others</i>	—	1	5	1	2	2	18	1	4	—	6	1	9	2	7	—	3	—	1	1	55	9
Jumlah/ <i>Total</i>	180	363	1,006	887	1,907	1,225	3,964	2,593	993	182	321	95	598	212	1,369	317	67	3	1	2	10,406	5,879

JADUAL (TABLE) 2.6

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
**BILANGAN BOT-BOT YANG DILESENKAN DAN NELAYAN-NELAYAN MENGIKUT
 DAERAH-DAERAH PERIKANAN, 1983**
 NUMBER OF LICENSED FISHING BOATS AND FISHERMEN BY FISHERIES DISTRICTS, 1983

Daerah-Daerah Perikanan <i>Fisheries Districts</i>	Bot-Bot <i>Fishing Boats</i>			Jumlah <i>Total</i>	Nelayan-Nelayan <i>Fishermen</i>				Jumlah <i>Total</i>
	Berjentera Dalam <i>Inboard</i>	Berjentera Sangkut <i>Outboard</i>	Tiada Berjentera <i>Non-powered</i>		Melayu <i>Malay</i>	China <i>Chinese</i>	India <i>Indian</i>	Lain-lain <i>Others</i>	
1. Kuala Perlis	472	135	5	612	1,200	122	—	1,738	3,060
2. Langkawi	146	196	5	347	1,487	45	—	376	1,908
3. Kedah Utara	666	201	10	877	2,669	664	—	1	3,334
4. Kedah Selatan	299	427	74	800	2,662	285	—	91	3,038
5. Timur Laut	94	151	50	295	208	460	23	—	691
6. Barat-Daya	407	442	60	909	1,040	1,427	5	—	2,472
7. Seberang Prai	542	435	101	1,078	1,604	1,628	10	—	3,242
8. Krian	515	345	41	901	710	973	7	—	1,690
9. Larut & Matang	1,175	226	52	1,453	400	2,492	1	—	2,893
10. Manjong (Dindings)	1,095	365	101	1,561	1,535	3,159	304	—	4,998
11. Hilir Perak	719	208	47	974	486	2,161	—	—	2,647
12. Selangor Utara	678	234	30	942	259	1,821	1	—	2,081
13. Selangor Tengah	571	105	39	715	257	1,164	3	—	1,424
14. Pelabuhan Kelang	1,026	182	121	1,329	399	2,299	34	—	2,732
15. Selangor Selatan	296	139	73	508	287	572	116	—	975
16. Port Dickson	74	108	26	208	248	312	27	—	587
17. Melaka	293	509	62	864	1,159	609	—	77	1,845
18. Muar	290	334	80	704	745	757	1	—	1,503
19. Batu Pahat	412	216	38	666	520	770	—	123	1,413
20. Pontian	622	438	115	1,175	1,133	1,400	—	—	2,533
21. Johor Bahru	14	785	178	977	1,630	332	—	—	1,962
22. Kota Tinggi	394	512	106	1,012	1,885	948	2	—	2,835
23. Mersing	550	13	3	566	1,705	646	—	—	2,351
24. Kuantan	407	12	90	509	1,861	27	—	—	1,888
25. Pekan	352	116	27	495	1,236	8	—	32	1,276
26. Kuala Rompin	175	6	5	186	643	86	—	—	729
27. Kemaman	473	8	34	515	1,819	3	—	—	1,822
28. Dungun	460	2	13	475	1,583	2	—	—	1,585
29. Marang	347	—	135	482	1,791	—	—	—	1,791
30. Kuala Trengganu	937	3	116	1,056	3,863	—	—	—	3,863
31. Besut	531	20	285	836	2,956	7	—	—	2,963
32. Kota Bahru	253	132	35	420	3,222	59	—	58	3,339
33. Bacok	391	77	37	505	2,276	—	—	—	2,276
34. Tumpat	609	120	14	743	1,844	—	—	—	1,844
Jumlah/Total	16,285	7,202	2,208	25,695	47,322	25,238	534	2,496	75,590

JADUAL (TABLE) 2.7

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
**BILANGAN BOT-BOT YANG DILESENKAN DAN BILANGAN NELAYAN-NELAYAN
 YANG BEKERJA DI BOT-BOT BERLESEN, 1962-1983**
 NUMBER OF FISHING BOATS LICENSED AND NUMBER OF FISHERMEN
 OPERATING LICENSED BOATS, 1962-1983

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

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut 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	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	4,269	—	—	4,269	123	730	1,283	543	184	854	304	242	6	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	746	5	—	741	1	12	31	49	40	244	186	154	24	—
Pukat Jerut Bilis Purse Seine-Anchovy	194	15	8 /	171	11	38	32	27	5	23	31	4	—	—
Lain-lain Other Seines	604	80	334 /	190	107	67	14	2	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	13,650	1,133	5,244 /	7,273	2,294	3,929	769	226	33	20	—	2	—	—
Pukat Tangguk Lift Nets	269	30 /	47	192	39	94	51	4	1	3	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	127	14	64 /	49	21	25	—	1	2	—	—	—	—	—
Bubu Portable	602	24	144 /	434	29	148	132	68	34	19	4	—	—	—
Pancing Hooks and Lines	3,568	542	811 /	2,215	634	821	435	263	36	25	1	—	—	—
Pukat Bakul Bag Nets	543	75	117 /	351	264	85	—	—	1	—	1	—	—	—
Pukat Surung Push/Scoop Nets	112	23	78 /	11	8	3	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	174	44	103 /	27	6	18	2	1	—	—	—	—	—	—
Memungut Siput Shellfish Collections	379	101	82 /	196	183	12	1	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	274	93	24	157	15	24	11	2	4	15	8	49	29	—
Rampaian Miscellaneous	184	29	146 /	9	3	1	1	—	—	3	1	—	—	—
JUMLAH/TOTAL	25,695	2,208	7,202	16,285	3,738	6,007	2,762	1,186	340	1,206	536	451	59	—

PANTAI BARAT SEMENANJUNG MALAYSIA/*WEST COAST, PENINSULAR MALAYSIA*
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/ <i>INBOARD-POWERED</i>										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	3,289	—	—	3,289	76	493	1,080	400	134	663	236	203	4	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	415	1	—	414	—	11	10	10	5	141	110	108	19	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	54	—	—	54	—	—	—	—	—	19	31	4	—	—
Lain-lain <i>Other Seines</i>	405	50	225	130	96	32	2	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	10,825	731	4,764	5,330	1,602	3,219	399	88	8	12	—	2	—	—
Pukat Tangguk <i>Lift Nets</i>	65	—	12	53	22	30	1	—	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	77	12	52	13	9	1	—	1	2	—	—	—	—	—
Bubu <i>Portable</i>	260	20	124	116	6	20	42	24	14	8	2	—	—	—
Pancing <i>Hooks and Lines</i>	998	195	500	303	68	130	57	24	12	12	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	514	75	88	351	264	85	—	—	1	—	1	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	112	23	78	11	8	3	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	158	42	89	27	6	18	2	1	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	361	83	82	196	183	12	1	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	201	63	21	117	5	5	6	1	2	12	8	49	29	—
Rampaian <i>Miscellaneous</i>	161	13	146	2	2	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	17,895	1,308	6,181	10,406	2,347	4,059	1,600	549	178	867	388	366	52	—

PANTAI TIMUR, SEMENANJUNG MALAYSIA/EAST COAST, PENINSULAR MALAYSIA
 BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut 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	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	980	—	—	980	47	237	203	143	50	191	68	39	2	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	331	4	—	327	1	1	21	39	35	103	76	46	5	—
Pukat Jerut Bilis Purse Seine-Anchovy	140	15	8	117	11	38	32	27	5	4	—	—	—	—
Lain-lain Other Seines	199	30	109	60	11	35	12	2	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	2,825	402	480	1,943	692	710	370	138	25	8	—	—	—	—
Pukat Tangguk Lift Nets	204	30	35	139	17	64	50	4	1	3	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	50	2	12	36	12	24	—	—	—	—	—	—	—	—
Bubu Portable	342	4	20	318	23	128	90	44	20	11	2	—	—	—
Pancing Hooks and Lines	2,570	347	311	1,912	566	691	378	239	24	13	1	—	—	—
Pukat Bakul Bag Nets	29	—	29	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barriers Nets	16	2	14	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput Shellfish Collections	18	18	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	73	30	3	40	10	19	5	1	2	3	—	—	—	—
Rampaian Miscellaneous	23	16	—	7	1	1	1	—	—	3	1	—	—	—
JUMLAH/TOTAL	7,800	900	1,021	5,879	1,391	1,948	1,162	637	162	339	148	85	7	—

PERLIS

BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983

NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/ <i>INBOARD-POWERED</i>										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	245	—	—	245	5	52	126	30	8	23	1	—	—	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	95	—	—	95	—	—	1	—	1	44	20	22	7	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	7	—	6	1	—	1	—	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	219	2	120	97	74	16	2	2	—	3	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	1	—	—	1	1	—	—	—	—	—	—	—	—	—
Pancing <i>Hooks and Lines</i>	35	3	1	31	4	8	7	—	4	8	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	8	—	8	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	2	—	—	2	—	1	1	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/ <i>TOTAL</i>	612	5	135	472	84	78	137	32	13	78	21	22	7	—

KEDAH
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/ <i>INBOARD-POWERED</i>										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	513	—	—	513	18	37	53	47	44	201	101	12	—	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	77	—	—	77	—	—	1	3	—	17	35	14	7	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	47	—	—	47	—	—	—	—	—	19	24	4	—	—
Lain-lain <i>Other Seines</i>	27	4	22	1	—	1	—	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	1,046	33	689	324	177	131	11	4	—	1	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	53	—	10	43	21	22	—	—	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	3	1	—	2	2	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	8	1	5	2	—	2	—	—	—	—	—	—	—	—
Pancing <i>Hooks and Lines</i>	91	34	31	26	16	2	6	1	1	—	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	33	3	30	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	11	7	4	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	38	5	31	2	1	1	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	76	—	2	74	—	—	—	—	—	2	7	41	24	—
Rampaian <i>Miscellaneous</i>	1	1	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	2,024	89	824	1,111	235	196	71	55	45	240	167	71	31	—

PULAU PINANG/PENANG
 BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	150	—	—	150	—	—	—	—	—	128	11	11	—	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	90	—	—	90	—	1	3	5	2	50	15	12	2	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	147	16	19	112	88	24	—	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	1,570	142	816	612	345	264	1	1	—	1	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	3	2	—	1	—	—	—	—	1	—	—	—	—	—
Bubu <i>Portable</i>	34	1	10	23	—	2	3	6	9	3	—	—	—	—
Pancing <i>Hooks and Lines</i>	121	30	83	8	3	5	—	—	—	—	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	92	3	50	39	39	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	12	3	9	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	9	2	7	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	29	3	18	8	3	2	3	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	24	9	15	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	2,262	211	1,028	1,043	478	298	10	12	12	182	26	23	2	—

PERAK
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	1,548	—	—	1,548	50	232	716	200	26	98	67	157	2	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	139	1	—	138	—	10	5	2	1	25	37	55	3	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	7	—	—	7	—	—	—	—	—	—	7	—	—	—
Lain-lain <i>Other Seines</i>	161	24	125	12	8	2	2	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	2,083	109	712	1,262	489	609	147	12	2	1	—	2	—	—
Pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	8	1	4	3	1	—	—	1	1	—	—	—	—	—
Bubu <i>Portable</i>	86	2	7	77	3	11	36	15	5	5	2	—	—	—
Pancing <i>Hooks and Lines</i>	326	33	144	149	32	52	39	17	5	4	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	88	—	3	85	84	1	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	11	2	1	8	8	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	225	15	22	188	179	9	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	79	54	—	25	1	1	2	—	—	7	1	8	5	—
Rampaiian <i>Miscellaneous</i>	128	—	126	2	2	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	4,889	241	1,144	3,504	857	927	947	247	40	140	114	222	10	—

SELANGOR
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	509	—	—	509	—	60	90	40	33	205	56	23	2	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	14	—	—	14	—	—	—	—	1	5	3	5	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	13	3	7	3	—	3	—	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	2,411	127	519	1,765	115	1,337	233	68	6	6	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	9	—	—	9	—	8	1	—	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	3	1	1	1	1	—	—	—	—	—	—	—	—	—
Pancing <i>Hooks and Lines</i>	181	32	81	68	7	48	5	6	2	—	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	242	67	4	171	103	66	—	—	1	—	1	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	20	3	14	3	—	3	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	20	3	4	13	1	9	2	1	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	55	20	29	6	4	2	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	15	6	—	9	—	2	1	1	2	3	—	—	—	—
Rampaian <i>Miscellaneous</i>	2	1	1	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	3,494	263	660	2,571	231	1,538	332	116	45	219	60	28	2	—

NEGERI SEMBILAN
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 <i>Tan/Tons</i>	5-9.9 <i>Tan/Tons</i>	10-14.9 <i>Tan/Tons</i>	15-19.9 <i>Tan/Tons</i>	20-24.9 <i>Tan/Tons</i>	25-39.9 <i>Tan/Tons</i>	40-49.9 <i>Tan/Tons</i>	50-69.9 <i>Tan/Tons</i>	70-99.9 <i>Tan/Tons</i>	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	201	24	104	73	15	58	—	—	—	—	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing <i>Hooks and Lines</i>	7	2	4	1	1	—	—	—	—	—	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	208	26	108	74	16	58	—	—	—	—	—	—	—	—

MELAKA/MALACCA

BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983

NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/Trawl Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	8	2	6	—	—	—	—	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	778	47	450	281	33	248	—	—	—	—	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat <i>Stationary</i>	8	1	7	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing <i>Hooks and Lines</i>	68	10	46	12	1	11	—	—	—	—	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	864	62	509	293	34	259	—	—	—	—	—	—	—	—

JOHOR BARAT/*WEST JOHORE*
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/ <i>INBOARD-POWERED</i>										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	324	—	—	324	3	112	95	83	23	8	—	—	—	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	42	1	40	1	—	1	—	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	2,517	247	1,354	916	354	556	5	1	—	—	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	3	—	2	1	1	—	—	—	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	55	7	41	7	6	1	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	128	15	101	12	1	5	3	3	—	—	—	—	—	—
Pancing <i>Hooks and Lines</i>	169	51	110	8	4	4	—	—	—	—	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	59	2	1	56	38	18	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	58	8	50	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	89	32	45	12	4	8	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	70	46	24	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	2	—	1	1	1	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	6	2	4	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	3,522	411	1,773	1,338	412	705	103	87	23	8	—	—	—	—

KELANTAN

BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	108	—	—	108	3	17	37	36	1	14	—	—	—	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	55	—	—	55	—	—	4	3	6	25	8	4	5	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	122	1	106	15	6	5	3	1	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	911	47	143	721	436	142	75	54	12	2	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	58	6	31	21	2	9	7	3	—	—	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	15	—	—	15	—	1	1	2	3	8	—	—	—	—
Pancing <i>Hooks and Lines</i>	389	26	46	317	163	64	53	25	8	3	1	—	—	—
Pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	10	6	3	1	—	1	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	1,668	86	329	1,253	610	239	180	124	30	52	9	4	5	—

TERENGGANU
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/ <i>INBOARD-POWERED</i>										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	329	—	—	329	7	61	134	82	8	33	—	3	1	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	160	—	—	160	1	1	16	35	26	42	25	14	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	105	1	—	104	11	37	23	27	5	1	—	—	—	—
Lain-lain <i>Other Seines</i>	70	26	—	44	5	30	9	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	936	284	22	630	121	258	168	68	9	6	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	86	12	3	71	11	34	23	1	1	1	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	160	—	8	152	5	35	54	38	16	3	1	—	—	—
Pancing <i>Hooks and Lines</i>	1,439	220	—	1,219	315	417	255	206	16	10	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	59	24	—	35	10	18	5	1	—	1	—	—	—	—
Rampaian <i>Miscellaneous</i>	20	16	—	4	1	1	1	—	—	1	—	—	—	—
JUMLAH/TOTAL	3,364	583	33	2,748	487	892	688	458	81	98	26	17	1	—

PAHANG

BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut <i>Out-board powered</i>	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/Trawl Nets	262	—	—	262	37	133	24	7	6	37	14	4	—	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	36	4	—	32	—	—	1	1	3	9	12	6	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	35	14	8	13	—	1	9	—	—	3	—	—	—	—
Lain-lain <i>Other Seines</i>	3	2	1	—	—	—	—	—	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	424	54	123	247	65	123	53	4	2	—	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	45	10	—	35	4	13	18	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	139	1	—	138	15	87	30	4	1	—	1	—	—	—
Pancing <i>Hooks and Lines</i>	222	17	2	203	28	122	47	6	—	—	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	18	18	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	4	—	—	4	—	—	—	—	2	2	—	—	—	—
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	1,190	122	134	934	149	479	182	22	14	51	27	10	—	—

JOHOR TIMUR/EAST JOHORE
BILANGAN BOT-BOT MENANGKAP IKAN YANG DILESENKAN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1983
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1983

Jenis Perkakas <i>Type of Fishing Gear</i>	Jumlah <i>Total</i>	Bot Tiada Berjentera <i>Non-powered</i>	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil <i>Sub-Total</i>	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas <i>100 Tons & above</i>
Pukat Tunda/ <i>Trawl Nets</i>	281	—	—	281	—	26	8	18	35	107	54	32	1	—
Pukat Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	80	—	—	80	—	—	—	—	—	27	31	22	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	4	1	2	1	—	—	—	1	—	—	—	—	—	—
Pukat Hanyut <i>Gill/Drift Nets</i>	554	17	192	345	70	187	74	12	2	—	—	—	—	—
Pukat Tangguk <i>Lift Nets</i>	15	2	1	12	—	8	2	—	—	2	—	—	—	—
Perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>	50	2	12	36	12	24	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	28	3	12	13	3	5	5	—	—	—	—	—	—	—
Pancing <i>Hooks and Lines</i>	520	84	263	173	60	88	23	2	—	—	—	—	—	—
Pukat Bakul <i>Bag Nets</i>	29	—	29	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang <i>Barrier Nets</i>	14	—	14	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collections</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan <i>Fish Carriers</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	3	—	—	3	—	—	—	—	—	2	1	—	—	—
JUMLAH/TOTAL	1,578	109	525	944	145	338	112	33	37	138	86	54	1	—

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PERKAKAS-PERKAKAS YANG DILESENKAN MENGIKUT NEGERI, 1983
NUMBER OF LICENSED FISHING GEARS BY STATE, 1983

Kumpulan Perkakas Gear Group		Pukat-pukat Tarik Seine Nets			Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish 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 Stationary	Bubu Portable							
Pantai Barat: West Coast:															
Perlis	239	96	—	8	236	—	—	—	5	—	9	—	40	—	633
Kedah	525	37	79	40	1,049	77	2	7	67	99	41	—	4	2	2,029
Pulau Pinang Penang	150	99	—	171	1,683	—	2	37	133	144	1	—	20	24	2,464
Perak	1,545	138	14	157	2,108	—	6	96	302	136	—	—	926	185	5,613
Selangor	452	14	—	11	2,502	12	—	3	150	725	15	—	2,231	49	6,164
Negeri Sembilan	—	—	—	10	203	—	—	20	36	—	—	—	—	—	269
Melaka Malacca	—	—	—	16	846	—	6	—	110	—	6	—	—	—	984
Johor Barat West Johore	325	—	—	39	2,656	1	152	124	179	—	3	—	67	231	3,777
Jumlah Kecil Sub-Total	3,236	384	93	452	11,283	90	168	287	982	1,104	75	—	3,288	491	21,933
Pantai Timur: East Coast:															
Kelantan	107	52	2	125	933	58	—	16	356	—	—	—	16	—	1,665
Trengganu	513	171	115	58	1,063	80	—	191	1,462	—	—	—	—	—	3,653
Pahang	311	31	18	3	516	41	74	136	354	—	1	—	—	34	1,519
Johor Timur East Johore	424	76	—	3	607	17	67	40	514	224	14	—	—	—	1,986
Jumlah Kecil Sub-Total	1,355	330	135	189	3,119	196	141	383	2,686	224	15	—	16	34	8,823
Jumlah Besar Grand Total	4,591	714	228	641	14,402	286	309	670	3,668	1,328	90	—	3,304	525	30,756

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN PERKAKAS-PERKAKAS MENANGKAP IKAN YANG DIUSAHAKAN MENGIKUT NEGERI, 1983
 ESTIMATED NUMBER OF FISHING GEARS IN OPERATION BY STATE, 1983

Kumpulan Perkakas Gear Group	Negeri State	Pukat-pukat Tarik Seine Nets				Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collections	Rampaiian 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 Stationary	Bubu Portable							
Pantai Barat: West Coast:																
Perlis	208	79	—	9	258	—	7	3	22	—	9	14	8	24		641
Kedah	663	31	82	105	1,211	17	20	15	261	210	35	6	17	68		2,741
Pulau Pinang Penang	130	52	—	127	1,244	—	—	16	67	120	—	56	79	9		1,900
Perak	2,394	134	15	1,087	2,114	—	150	80	479	95	—	226	474	295		7,543
Selangor	1,415	29	—	226	1,596	141	24	—	326	583	29	—	723	—		5,092
Negeri Sembilan	—	—	—	13	165	—	—	11	28	—	—	—	—	11		228
Melaka Malacca	—	—	—	10	699	—	6	—	128	—	3	93	—	—		939
Johor Barat West Johore	356	—	—	47	1,809	275	98	91	104	94	28	95	6	24		3,027
Jumlah Kecil Sub-Total	5,166	325	97	1,624	9,096	433	305	216	1,415	1,102	104	490	1,307	431		22,111
Pantai Timur: East Coast:																
Kelantan	112	24	—	45	162	134	—	18	51	—	—	—	—	—		546
Trengganu	253	134	70	30	682	54	—	258	1,080	—	—	—	—	254		2,815
Pahang	276	20	17	5	260	28	3	144	239	—	—	—	1	1		994
Johor Timur East Johore	231	55	—	—	137	6	10	11	90	36	—	—	—	9		585
Jumlah Kecil Sub-Total	872	233	87	80	1,241	222	13	431	1,460	36	—	—	1	264		4,940
Jumlah Besar Grand Total	6,038	558	184	1,704	10,337	655	318	647	2,875	1,138	104	490	1,308	695		27,051

JADUAL (TABLE) 3.3

**BILANGAN PERKAKAS-PERKAKAS YANG DILESENKAN MENGIKUT DAERAH PERIKANAN, 1983.
(NUMBER OF LICENSED GEARS BY FISHERIES DISTRICTS, 1983).**

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 (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shellfish Collections)	Rampaiian (Miscellaneous)	Jumlah (Total)
		Pukat Jerut Ikan (Purse Seine-Fish)	Pukat Jerut Bilis (Purse Seine-Anchovy)	Lain-lain (Others Seines)			Belat-belat (Stakes)	Bubu (Portable)							
1. Kuala Perlis	239	96	—	8	236	—	—	—	5	—	9	—	40	—	633
2. Langkawi	2	—	34	—	243	17	—	2	10	—	—	—	—	—	308
3. Kedah Utara	475	28	1	20	294	28	—	2	35	—	3	—	—	2	888
4. Kedah Selatan	48	9	44	20	512	32	2	3	22	99	38	—	4	—	833
5. Barat-Daya, Pulau Pinang	126	47	—	12	616	—	—	8	50	104	—	—	1	—	964
6. Timur-Laut, Pulau Pinang	24	—	—	9	209	—	—	2	42	3	—	—	—	—	289
7. Seberang Prai	—	52	—	150	858	—	2	27	41	37	1	—	19	24	1,211
8. Krian	—	9	—	86	550	—	—	7	25	127	—	—	127	44	975
9. Larut & Matang	600	6	—	9	595	—	—	19	35	9	—	—	283	52	1,608
10. Manjung	597	78	14	59	553	—	—	54	186	—	—	—	11	—	1,552
11. Hilir Perak	348	45	—	3	410	—	6	16	56	—	—	—	505	89	1,478
12. Selangor Utara	152	14	—	—	709	12	—	2	14	4	6	—	957	—	1,870
13. Selangor Tengah	41	—	—	11	572	—	—	—	64	151	7	—	1,274	—	2,120
14. Pelabuhan Kelang	246	—	—	—	763	—	—	—	36	570	1	—	—	49	1,665
15. Selangor Selatan	13	—	—	—	458	—	—	1	36	—	1	—	—	—	509
16. Port Dickson	—	—	—	10	203	—	—	20	36	—	—	—	—	—	269
17. Melaka	—	—	—	16	846	—	6	—	110	—	6	—	—	—	984
18. Muar	—	—	—	7	618	—	65	8	56	—	—	—	2	—	756
19. Batu Pahat	66	—	—	20	548	—	12	8	22	—	—	—	—	80	756
20. Pontian	259	—	—	7	841	—	11	1	5	—	—	—	—	137	1,261
21. Johor Bahru	—	—	—	5	649	1	64	107	96	—	3	—	65	14	1,004
22. Kota Tinggi	127	35	—	3	378	17	52	16	477	224	14	—	—	—	1,343
23. Mersing	297	41	—	—	229	—	15	24	37	—	—	—	—	—	643
24. Kuantan	237	19	14	—	168	22	72	32	271	—	1	—	—	34	870
25. Pekan	2	1	—	1	266	18	—	81	54	—	—	—	—	—	423
26. Kuala Rompin	72	11	4	2	82	1	2	23	29	—	—	—	—	—	226
27. Kemaman	137	13	24	8	82	37	—	95	303	—	—	—	—	—	699
28. Dungun	61	17	11	6	204	4	—	54	231	—	—	—	—	—	588
29. Marang	28	29	26	8	174	11	—	9	228	—	—	—	—	—	513
30. Kuala Terengganu	210	55	17	8	158	13	—	22	501	—	—	—	—	—	984
31. Besut	77	57	37	28	445	15	—	11	199	—	—	—	—	—	869
32. Kota Bahru	107	52	2	120	567	52	—	13	281	—	—	—	16	—	1,210
33. Bacok	—	—	—	5	366	6	—	3	75	—	—	—	—	—	455
JUMLAH (Total)	4,591	714	228	641	14,402	286	309	670	3,668	1,328	90	—	3,304	525	30,756

JADUAL (TABLE) 4.1

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN SEUNIT : BILANGAN HARI MENANGKAP IKAN MENGIKUT
 JENIS PERKAKAS DAN NEGERI DALAM TAHUN 1983
 PER UNIT FISHING EFFORT: NUMBER OF FISHING DAYS BY TYPE OF GEAR
 AND BY STATE IN 1983

Negeri State	Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik Seine Nets										Pukat Hanyut Drift/ Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps				Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscellaneous
		0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	Pukat Jerut Ikan Purse Seine-Fish					Pukat Jerut Bilis Purse Seine-Anchovy							Lain-lain Pukat Tarik Other Seines									
							0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above												
Perlis		235	235	235	235	—	—	235	235	235	215	—	—	—	—	—	240	249	—	162	200	228	—	240	15	240	240	
Kedah		294	287	294	287	—	—	—	294	294	—	—	—	298	298	—	193	198	181	191	203	180	181	214	185	156	216	
P. Pinang /Penang		—	—	297	302	—	—	253	217	162	—	—	—	—	—	—	277	234	—	—	264	187	179	40	232	350	200	
Perak		310	309	307	308	—	—	—	294	294	—	—	—	357	—	—	280	278	—	243	—	276	136	—	268	307	264	
Selangor		302	303	288	295	—	—	—	204	193	—	—	—	—	—	—	185	220	147	180	—	217	186	198	—	216	—	
Negeri Sembilan		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	164	198	—	—	118	153	—	—	—	—	127	
Melaka /Malacca		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	160	196	—	278	—	177	—	168	123	—	—	
Johor Barat /West Johore		360	360	345	—	—	—	—	—	—	—	—	—	—	—	—	175	164	54	183	69	153	133	109	194	260	80	
Kelantan		—	221	80	—	—	—	—	161	161	—	—	—	—	—	—	146	173	146	—	88	84	—	—	—	—	—	
Terengganu		255	258	182	—	—	—	209	215	210	36	166	161	—	—	—	56	215	244	—	186	176	—	—	—	—	140	
Pahang		214	214	204	202	24	—	—	77	86	—	—	103	101	67	—	12	139	132	102	116	142	—	—	—	108	—	
Johor Timur /East Johore		220	256	306	298	171	—	84	209	190	—	—	—	—	—	—	—	167	142	227	97	211	186	—	—	—	77	
Purata Average		274	272	254	275	98	—	195	212	203	126	166	132	252	183	—	172	203	149	196	149	182	167	162	170	234	168	

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
**USAHA MENANGKAP IKAN SEUNIT : BILANGAN TERIP MENANGKAP IKAN MENGIKUT JENIS
 PERKAKAS DAN NEGERI DALAM TAHUN 1983**
 PER UNIT FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR
 AND BY STATE IN 1983

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik Seine Nets										Pukat Hanyut Drift/ Gill	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscellaneous	
	0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	Pukat Jerut Ikan Purse-Seine Fish					Pukat Jerut Bilis Purse Seine-Anchovy							Lain-lain Pukat Tarik Other Seines	Belat- belat Stationary							Bubu Portable
						0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above											
Negeri State																										
Perlis	240	120	120	120	—	—	240	120	120	70	—	—	—	—	—	240	227	—	162	118	228	—	240	15	240	240
Kedah	294	287	294	287	—	—	—	294	294	—	—	—	298	298	—	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
P. Pinang /Penang	—	—	297	302	—	—	253	217	162	—	—	—	—	—	—	277	234	—	—	55	187	347	40	232	350	200
Perak	310	309	160	134	—	—	—	294	294	—	—	—	683	—	—	280	278	—	229	—	163	136	—	268	307	264
Selangor	302	303	144	59	—	—	—	204	76	—	—	—	—	—	—	185	220	147	90	—	217	93	198	—	216	—
Negeri Sembilan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	164	198	—	—	118	153	—	—	—	—	127
Melaka /Malacca	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	160	179	—	278	—	177	—	168	123	—	—
Johor Barat /West Johore	360	360	345	—	—	—	—	—	—	—	—	—	—	—	—	175	164	54	266	69	153	214	109	194	260	80
Kelantan	—	221	41	—	—	—	—	161	161	—	—	—	—	—	—	146	175	146	—	88	168	—	—	—	—	—
Terengganu	255	258	166	—	—	—	209	215	210	36	166	161	—	—	—	56	215	244	—	186	176	—	—	—	—	116
Pahang	214	214	204	202	24	—	—	77	86	—	—	103	101	67	—	12	139	132	102	116	142	—	—	—	75	—
Johor Timur /East Johore	220	222	175	167	75	—	84	209	190	—	—	—	—	—	—	—	132	104	228	62	133	186	—	—	—	62
Purata Average	274	255	195	182	50	—	197	199	177	53	166	132	361	183	—	170	196	138	194	102	172	195	151	166	241	156

Nota: n.a. — tiada

Note: n.a. — not available

JADUAL (TABLE) 4.3

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN SEUNIT : BILANGAN KALI MENANGKAP IKAN MENGIKUT
 JENIS PERKAKAS DAN NEGERI DALAM TAHUN 1983
 PER UNIT FISHING EFFORT: NUMBER OF HAULS BY TYPE OF GEAR
 AND BY STATE IN 1983

Negeri State	Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik Seine Nets										Pukat Hanyut Drift/ Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscellaneous		
		0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	Pukat Jerut Ikan Purse Seine Fish					Pukat Jerut Bilis Purse Seine Anchovy							Lain-lain Pukat Tarik Other Seines	Belat- belat Stationary							Bubu Portable	
							0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above												
Perlis		720	720	720	720	—	—	n.a.	n.a.	n.a.	n.a.	—	—	—	—	n.a.	n.a.	—	n.a.	n.a.	n.a.	—	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Kedah		882	861	882	861	—	—	—	175	175	—	—	—	894	894	—	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
P. Pinang /Penang		—	—	982	999	—	—	671	443	466	—	—	—	—	—	—	366	585	—	—	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Perak		930	927	480	402	—	—	—	n.a.	n.a.	—	—	—	n.a.	—	—	n.a.	n.a.	—	n.a.	—	n.a.	n.a.	—	n.a.	n.a.	n.a.	n.a.
Selangor		1,062	1,065	816	885	—	—	—	606	561	—	—	—	—	—	—	n.a.	n.a.	294	n.a.	—	434	744	396	—	n.a.	—	—
Negeri Sembilan		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	410	336	—	—	110	208	—	—	—	—	—	148
Melaka /Malacca		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	705	347	—	509	—	262	—	188	298	—	—	—
Johor Barat /West Johore		751	751	721	—	—	—	—	—	—	—	—	—	—	—	—	840	347	108	518	n.a.	n.a.	414	n.a.	n.a.	n.a.	n.a.	n.a.
Kelantan		—	745	369	—	—	—	—	394	394	—	—	—	—	—	—	1,568	2,479	285	—	512	n.a.	—	—	—	—	—	—
Terengganu		747	773	814	—	—	—	627	645	627	92	518	519	—	—	—	168	634	756	—	n.a.	n.a.	—	—	—	—	—	n.a.
Pahang		608	608	565	553	72	—	—	191	238	—	—	281	261	183	—	24	351	584	188	n.a.	112	—	—	—	n.a.	—	—
Johor Timur /East Johore		598	619	509	463	225	—	186	431	395	—	—	—	—	—	—	—	326	192	796	n.a.	n.a.	348	—	—	—	—	140
Purata Average		787	785	686	698	149	—	495	412	408	92	518	400	578	539	—	583	676	370	503	311	254	502	292	298	—	—	144

Nota: n.a. — Tiada

Note: n.a. — Not Available

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI
ANNUAL SERIES OF MARINE FISH LANDINGS AND VALUE
(Dalam Tan Metrik/*In Tonnes*)

Negeri <i>State</i>	1979		1980		1981		1982		1983	
	Kuantiti <i>Quantity</i>	Nilai \$ <i>Value</i>	Kuantiti <i>Quantity</i>	Nilai \$ <i>Value</i>	Kuantiti <i>Quantity</i>	Nilai \$ <i>Value</i>	Kuantiti <i>Quantity</i>	Nilai \$ <i>Value</i>	Kuantiti <i>Quantity</i>	Nilai \$ <i>Value</i>
Pantai Barat/ <i>West Coast</i>										
Perlis	18,194	26,985,578	26,732	35,922,681	32,892	50,639,211	40,293	69,315,045	41,800	75,961,593
Kedah	86,199	203,415,251	99,500	189,435,291	148,028	271,317,277	150,198	399,157,134	136,058	313,399,529
Pulau Pinang <i>Penang</i>	28,349	46,440,921	40,010	61,065,108	34,125	59,826,988	38,460	64,528,529	35,228	70,450,957
Perak	189,638	295,992,154	230,683	316,624,988	147,289	279,976,968	115,793	230,677,028	145,976	313,803,381
Selangor	88,657	190,743,715	78,522	135,341,746	48,036	90,654,343	66,065	151,675,932	63,658	141,251,130
Negeri Sembilan	439	1,196,251	479	1,173,846	744	2,395,979	827	3,392,299	436	1,895,860
Melaka	2,409	7,021,076	2,524	8,145,858	2,485	9,969,650	2,282	9,957,245	2,209	10,291,924
Johor Barat <i>West Johore</i>	18,462	38,222,132	15,045	31,607,727	19,772	43,228,923	20,068	47,114,512	16,808	47,247,074
Jumlah Kecil <i>Sub-Total</i>	432,347	810,017,078	493,495	779,317,245	433,371	808,009,339	433,986	975,817,724	442,173	974,301,448
Pantai Timur/ <i>East Coast</i>										
Kelantan	15,437	20,396,599	18,482	26,318,801	8,854	15,907,210	5,593	10,763,334	8,472	15,189,514
Trengganu	65,584	88,482,647	58,623	93,555,583	140,434	252,021,861	61,055	128,864,639	108,286	224,979,863
Pahang	16,614	19,726,691	22,980	35,316,196	29,907	69,870,460	31,119	57,030,170	22,791	38,114,962
Johor Timur <i>East Johore</i>	40,923	48,952,569	30,318	43,489,522	36,749	68,882,761	35,570	61,755,467	27,334	50,504,773
Jumlah Kecil <i>Sub-Total</i>	138,558	177,558,506	130,403	198,680,102	215,944	406,682,292	133,337	258,413,610	166,883	328,789,112
Jumlah Besar <i>Grand-Total</i>	570,905	987,575,584	623,898	977,997,347	649,315	1,214,691,631	567,323	1,234,231,334	609,056	1,303,090,560

JADUAL (TABLE) 5.2

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
PENDARATAN DAN NILAI IKAN LAUT MENGIKUT NEGERI BAGI TAHUN 1983
LANDINGS AND VALUE OF MARINE FISH BY STATES FOR THE YEAR 1983

Kuantiti dan Peratus <i>Quantity and Percentage</i> Negeri/State	Pantai Barat/ <i>West Coast</i>								Jumlah Kecil <i>Sub-Total</i>	Pantai Timur/ <i>East Coast</i>				Jumlah Kecil <i>Sub-Total</i>	Jumlah Besar <i>Grand-Total</i>
	Perlis	Kedah	Pulau Pinang <i>Penang</i>	Perak	Selangor	Negeri Sembilan	Melaka <i>Malacca</i>	Johor Barat <i>West</i> Johore		Kelantan	Trengganu	Pahang	Johor Timur <i>East</i> Johore		
Pendaratan dalam Ton M. <i>Landing in Tonnes</i>	41,800.14	136,058.02	35,227.77	145,976.41	63,658.44	435.63	2,208.41	16,808.17	442,172.99	8,472.32	108,286.01	22,790.67	27,333.54	166,882.54	609,055.53
Peratus <i>Percentage</i>	6.86	22.34	5.79	23.97	10.45	0.07	0.36	2.76	72.60	1.39	17.78	3.74	4.49	27.40	100.00
Nilai dalam M. Ringgit <i>Value in Malaysian \$</i>	75,961,593	313,399,529	70,450,957	313,803,381	141,251,130	1,895,860	10,291,924	47,247,074	974,301,448	15,189,514	224,979,863	38,114,962	50,504,773	328,789,112	1,303,090,560
Peratus <i>Percentage</i>	5.83	24.05	5.41	24.08	10.84	0.15	0.79	3.62	74.77	1.17	17.27	2.92	3.87	25.23	100.00

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 1983
 LANDINGS OF MARINE FISH BY MONTH AND STATE, 1983

Bulan/ <i>Month</i> Negeri/ <i>State</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah/ <i>Total</i> Tan/ <i>Tonnes</i>
Pantai Barat/ <i>West Coast</i>													
Perlis	3,609.47	3,554.67	3,690.62	3,662.80	3,605.52	3,583.49	3,491.88	3,438.24	3,294.35	3,380.91	3,284.64	3,203.55	41,800.14
Kedah	11,999.23	10,524.65	18,703.67	12,947.25	11,015.77	10,344.56	10,098.58	11,164.11	10,825.85	10,510.66	9,918.01	8,005.68	136,058.02
Pulau Pinang/ <i>Penang</i>	1,968.71	2,467.68	3,057.06	2,959.01	3,432.94	3,108.99	4,212.79	3,448.70	3,132.62	1,886.09	2,533.84	3,019.34	35,227.77
Perak	8,258.36	7,765.13	13,192.98	11,914.31	13,210.69	14,045.02	12,144.20	15,820.07	14,772.32	10,366.43	11,969.39	12,517.51	145,976.41
Selangor	4,981.90	4,806.28	5,262.03	5,248.69	5,388.25	5,134.77	5,653.38	7,259.77	6,598.25	4,268.15	4,498.47	4,558.50	63,658.44
Negeri Sembilan	45.14	43.69	42.11	48.45	43.92	41.81	35.96	27.99	28.87	25.49	24.18	28.02	435.63
Melaka/ <i>Malacca</i>	182.05	229.08	221.06	219.62	206.51	190.84	166.34	162.27	179.37	163.09	138.60	149.58	2,208.41
Johor Barat/ <i>West Johore</i>	1,353.17	604.94	540.89	1,680.15	1,350.37	1,596.48	1,779.95	1,943.70	1,381.14	1,289.43	1,429.04	1,858.91	16,808.17
Jumlah Kecil <i>Sub-Total</i>	32,398.03	29,996.12	44,710.42	38,680.28	38,253.97	38,045.96	37,583.08	43,264.85	40,212.77	31,890.25	33,796.17	33,341.09	442,172.99
Pantai Timur/ <i>East Coast</i>													
Kelantan	390.85	526.61	895.52	719.58	1,181.17	1,041.76	1,069.80	764.63	889.95	565.04	405.18	22.23	8,472.32
Trengganu	3,862.74	10,088.83	8,759.13	11,210.16	9,991.73	11,168.50	11,957.09	11,733.61	11,667.24	10,071.38	5,513.83	2,261.77	108,286.01
Pahang	1,233.00	698.00	1,388.00	2,357.00	2,119.18	3,445.55	5,462.25	2,454.85	1,547.09	1,614.89	131.84	339.02	22,790.67
Johor Timur/ <i>East Johore</i>	1,231.83	2,327.21	2,887.04	2,709.22	2,776.31	3,146.18	2,313.91	2,642.85	2,772.23	4,036.10	415.53	75.13	27,333.54
Jumlah Kecil <i>Sub-Total</i>	6,718.42	13,640.65	13,929.69	16,995.96	16,068.39	18,801.99	20,803.05	17,595.94	16,876.51	16,287.41	6,466.38	2,698.15	166,882.54
Jumlah Besar/ <i>Grand Total</i> Tan M./Tonnes	39,116.45	43,636.77	58,640.11	55,676.24	54,322.36	56,847.95	58,386.13	60,860.79	57,089.28	48,177.66	40,262.55	36,039.24	609,055.53

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY STATE AND GEAR GROUP, 1983

Negeri/ <i>State</i>	Pantai Barat/ <i>West Coast</i>								Jumlah Kecil <i>Sub-Total</i>	Pantai Timur/ <i>East Coast</i>				Jumlah Kecil <i>Sub-Total</i>	Jumlah Besar <i>Grand Total</i> Tan M./ <i>Tonnes</i>
	Perlis	Kedah	Pulau Pinang <i>Penang</i>	Perak	Selangor	Negeri <i>Sembilan</i>	Melaka <i>Malacca</i>	Johor Barat <i>West Johore</i>		Kelantan	Trengganu	Pahang	Johor Timur <i>East Johore</i>		
Kumpulan Perkakas <i>Gear Group</i>															
Pukat-pukat Tunda <i>Trawl Nets</i>	6,935.82	86,062.60	4,060.80	63,420.95	27,716.89	—	—	7,735.73	195,932.79	990.89	13,326.05	6,799.95	8,669.52	29,786.41	225,719.20
Pukat-pukat Tarik/ <i>Seine Nets</i>															
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	31,594.56	5,579.41	13,978.17	19,250.19	3,738.56	—	—	—	74,140.89	6,594.47	41,713.48	1,371.78	10,956.39	60,636.12	134,777.01
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	30,060.17	—	3,911.99	—	—	—	—	33,972.16	—	10,071.77	484.18	—	10,555.95	44,528.11
Lain-lain <i>Other Seines</i>	184.23	835.11	1,878.24	12,954.81	1,025.66	14.98	10.50	326.09	17,229.62	31.87	732.55	2.00	—	766.42	17,996.04
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	818.10	6,465.44	5,452.91	13,367.59	9,119.16	309.00	1,528.02	4,807.11	41,867.33	267.20	15,020.24	2,379.39	1,563.02	19,229.85	61,097.18
Pukat-pukat Tangguk <i>Lift Nets</i>	—	53.02	—	—	161.62	—	—	183.53	398.17	185.82	7,981.27	3,510.25	965.26	12,642.60	13,040.77
Perangkap-perangkap/ <i>Traps</i> :															
Belat-belat <i>Stationary</i>	355.97	506.30	—	1,915.23	254.68	—	56.52	838.79	3,927.49	—	—	73.40	244.43	317.83	4,245.32
Bubu <i>Portable</i>	77.43	718.52	230.17	2,047.64	—	33.13	—	305.52	3,412.41	84.35	5,306.61	2,350.82	83.88	7,825.66	11,238.07
Pancing <i>Lines</i>	263.10	547.90	132.19	3,907.89	1,390.49	72.56	496.15	775.89	7,586.17	121.72	13,242.80	5,660.49	3,673.28	22,698.29	30,284.46
Pukat-pukat Bakul <i>Bag Nets</i>	—	1,275.21	1,366.49	463.67	9,827.91	—	—	1,516.83	14,450.11	—	—	—	1,097.79	1,097.79	15,547.90
Pukat-pukat Rentang <i>Barrier Nets</i>	84.44	92.52	—	—	570.46	—	5.78	57.77	810.97	—	—	—	—	—	810.97
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	36.51	395.30	3,123.69	—	—	111.44	30.20	3,697.14	—	—	—	—	—	3,697.14
Memungut Siput <i>Shellfish Collection</i>	1,339.00	3,723.96	7,729.60	21,129.59	9,853.01	—	—	230.71	44,005.87	196.00	—	158.41	—	354.41	44,360.28
Rampaian <i>Miscellaneous</i>	147.49	101.35	3.90	483.17	—	5.96	—	—	741.87	—	891.24	—	79.97	971.21	1,713.08
Jumlah/ <i>Total</i> Tan M./ <i>Tonnes</i>	41,800.14	136,058.02	35,227.77	145,976.41	63,658.44	435.63	2,208.41	16,808.17	442,172.99	8,472.32	108,286.01	22,790.67	27,333.54	166,882.54	609,055.53

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Tan M. Total Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	16,646.81	14,731.56	21,669.99	20,200.10	19,379.16	18,002.29	17,045.25	23,101.91	22,727.04	19,219.43	16,486.40	16,509.26	225,719.20
Pukat-pukat Tarik/ <i>Seine Nets</i>													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	5,952.49	9,361.11	11,643.52	13,583.17	12,918.98	13,459.50	15,170.24	14,463.51	13,807.61	10,205.88	8,310.41	5,900.59	134,777.01
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	2,457.26	3,975.02	10,727.60	4,369.81	3,714.51	3,657.47	3,540.79	3,431.85	3,306.94	2,941.82	1,506.39	898.65	44,528.11
Lain-lain <i>Other Seines</i>	1,811.01	1,844.14	1,405.87	1,638.47	1,182.84	1,488.15	1,141.76	1,490.65	1,476.15	1,708.68	1,384.28	1,424.04	17,996.04
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	4,074.25	4,691.60	4,813.26	5,773.76	5,351.11	5,838.83	6,895.14	5,849.12	5,152.73	4,861.67	4,037.72	3,757.99	61,097.18
Pukat-pukat Tangguk <i>Lift Nets</i>	347.96	765.80	788.37	1,112.31	1,766.72	1,696.37	2,076.84	1,526.84	1,565.16	873.27	335.18	185.95	13,040.77
Perangkap-perangkap/ <i>Traps:</i>													
Belat-belat <i>Stationary</i>	343.59	276.49	367.96	278.73	326.89	355.56	278.50	392.62	318.88	384.92	322.36	598.82	4,245.32
Bubu <i>Portable</i>	648.19	830.50	706.78	926.47	922.14	1,416.36	1,493.45	1,381.88	1,010.59	814.21	648.74	438.76	11,238.07
Pancing <i>Lines</i>	1,626.46	1,916.96	1,991.66	2,890.96	2,469.19	3,640.20	4,707.97	3,502.12	2,406.49	2,384.21	1,671.64	1,076.60	30,284.46
Pukat-pukat Bakul <i>Bag Nets</i>	1,181.17	1,151.01	1,206.63	1,201.96	1,209.64	1,291.31	1,523.98	1,540.08	1,282.62	1,470.07	1,297.33	1,192.10	15,547.90
Pukat-pukat Rentang <i>Barrier Nets</i>	74.31	77.48	73.88	71.95	62.79	65.94	70.77	65.33	63.91	62.26	62.82	59.53	810.97
Pukat-pukat Surung <i>Push/Scoop Nets</i>	328.17	349.87	365.44	320.94	268.05	340.00	338.71	340.82	324.30	312.40	207.60	200.84	3,697.14
Memungut Siput <i>Shellfish Collection</i>	3,543.21	3,531.28	2,701.92	2,900.34	4,315.82	5,356.90	4,025.00	3,702.79	3,627.30	2,911.85	3,967.79	3,776.08	44,360.28
Rampaian <i>Miscellaneous</i>	81.57	133.95	177.23	407.27	434.52	239.07	77.73	71.27	19.56	26.99	23.89	20.03	1,713.08
Jumlah/ <i>Total</i> Tan M./Tonnes	39,116.45	43,636.77	58,640.11	55,676.24	54,322.36	56,847.95	58,386.13	60,860.79	57,089.28	48,177.66	40,262.55	36,039.24	609,055.53

JADUAL (TABLE) 5.6

PANTAI BARAT SEMENANJUNG MALAYSIA/*WEST COAST, PENINSULAR MALAYSIA*
 PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
 LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/ <i>Month</i> Kumpulan Perkakas <i>Gear Group</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah/ <i>Tan M.</i> <i>Total/ Tonnes</i>
Pukat-pukat Tunda <i>Trawl Nets</i>	15,016.94	12,458.75	19,257.65	17,649.83	16,636.05	14,945.47	14,522.83	20,275.39	19,407.19	15,492.96	14,647.17	15,622.56	195,932.79
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	3,811.75	4,067.76	5,543.36	7,534.48	6,956.17	6,622.67	8,430.90	8,634.88	7,390.08	3,665.83	6,069.89	5,413.12	74,140.89
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	2,457.26	2,708.10	10,138.84	2,528.22	2,674.37	2,589.85	2,674.27	2,143.37	1,865.88	1,786.96	1,506.39	898.65	33,972.16
Lain-lain <i>Other Seines</i>	1,626.64	1,654.26	1,200.80	1,468.56	1,180.49	1,484.15	1,138.56	1,487.57	1,473.91	1,707.15	1,383.49	1,424.04	17,229.62
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	3,345.04	3,126.97	3,086.11	3,656.78	3,622.03	4,091.88	3,674.26	3,829.42	3,416.36	3,319.18	3,362.37	3,336.93	41,867.33
Pukat-pukat Tangguk <i>Lift Nets</i>	63.79	55.07	23.81	22.26	45.37	28.69	59.81	30.41	41.23	5.72	15.76	6.25	398.17
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	310.64	257.49	349.02	245.64	274.71	296.40	243.47	374.68	302.47	361.42	312.73	598.82	3,927.49
Bubu <i>Portable</i>	122.62	158.74	170.15	348.78	360.26	355.43	346.79	358.11	286.32	378.33	294.07	232.81	3,412.41
Pancing <i>Lines</i>	472.92	404.88	616.75	657.86	684.04	741.50	732.35	755.94	720.49	593.70	646.41	559.33	7,586.17
Pukat-pukat Bakul <i>Bag Nets</i>	1,181.17	1,101.77	1,115.10	1,201.96	1,106.86	1,155.16	1,339.95	1,201.33	1,282.62	1,274.76	1,297.33	1,192.10	14,450.11
Pukat-pukat Rentang <i>Barrier Nets</i>	74.31	77.48	73.88	71.95	62.79	65.94	70.77	65.33	63.91	62.26	62.82	59.53	810.97
Pukat-pukat Surung <i>Push/Scoop Nets</i>	328.17	349.87	365.44	320.94	268.05	340.00	338.71	340.82	324.30	312.40	207.60	200.84	3,697.14
Memungut Siput <i>Shellfish Collection</i>	3,505.21	3,496.28	2,679.92	2,881.34	4,292.66	5,240.82	3,932.68	3,702.79	3,618.45	2,911.85	3,967.79	3,776.08	44,005.87
Rampaian <i>Miscellaneous</i>	81.57	78.70	89.59	91.68	90.12	88.00	77.73	64.81	19.56	17.73	22.35	20.03	741.87
Jumlah/ <i>Total</i> Tan M./ <i>Tonnes</i>	32,398.03	29,996.12	44,710.42	38,680.28	38,253.97	38,045.96	37,583.08	43,264.85	40,212.77	31,890.25	33,796.17	33,341.09	442,172.99

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah/ Tan M. Total/ Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	1,629.87	2,272.81	2,412.34	2,550.27	2,743.11	3,056.82	2,522.42	2,826.52	3,319.85	3,726.47	1,839.23	886.70	29,786.41
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	2,140.74	5,293.35	6,100.16	6,048.69	5,962.81	6,836.83	6,739.34	5,828.63	6,417.53	6,540.05	2,240.52	487.47	60,636.12
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	1,266.92	588.76	1,841.59	1,040.14	1,067.62	866.52	1,288.48	1,441.06	1,154.86	—	—	10,555.95
Lain-lain <i>Other Seines</i>	184.37	189.88	205.07	169.91	2.35	4.00	3.20	3.08	2.24	1.53	0.79	—	766.42
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	729.21	1,564.63	1,727.15	2,116.98	1,729.08	1,746.95	3,220.88	2,019.70	1,736.37	1,542.49	675.35	421.06	19,229.85
Pukat-pukat Tangguk <i>Lift Nets</i>	284.17	710.73	764.56	1,090.05	1,721.35	1,667.68	2,017.03	1,496.43	1,523.93	867.55	319.42	179.70	12,642.60
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	32.95	19.00	18.94	33.09	52.18	59.16	35.03	17.94	16.41	23.50	9.63	—	317.83
Bubu <i>Portable</i>	525.57	671.76	536.63	577.69	561.88	1,060.93	1,146.66	1,023.77	724.27	435.88	354.67	205.95	7,825.66
Pancing <i>Lines</i>	1,153.54	1,512.08	1,374.91	2,233.10	1,785.15	2,898.70	3,975.62	2,746.18	1,686.00	1,790.51	1,025.23	517.27	22,698.29
Pukat-pukat Bakul <i>Bag Nets</i>	—	49.24	91.53	—	102.78	136.15	184.03	338.75	—	195.31	—	—	1,097.79
Pukat-pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	38.00	35.00	22.00	19.00	23.16	116.08	92.32	—	8.85	—	—	—	354.41
Rampaian <i>Miscellaneous</i>	—	55.25	87.64	315.59	344.40	151.07	—	6.46	—	9.26	1.54	—	971.21
Jumlah/Total Tan M./Tonnes	6,718.42	13,640.65	13,929.69	16,995.96	16,068.39	18,801.99	20,803.05	17,595.94	16,876.51	16,287.41	6,466.38	2,698.15	166,882.54

PERLIS
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah / Tan M. Total / Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	582.02	560.99	690.89	645.08	629.03	598.73	599.78	601.43	567.38	531.02	470.91	458.56	6,935.82
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	2,736.70	2,710.15	2,706.46	2,701.42	2,694.69	2,641.00	2,609.20	2,616.35	2,541.61	2,559.67	2,544.86	2,532.45	31,594.56
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	15.50	15.19	15.43	15.27	15.39	15.29	15.20	15.86	16.01	16.26	15.03	13.80	184.23
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	83.65	74.77	74.91	70.75	68.56	67.52	76.04	63.39	51.39	69.28	61.04	56.80	818.10
Pukat-pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	56.00	53.02	53.64	52.53	51.92	53.19	—	—	—	—	22.61	13.06	355.97
Bubu <i>Portable</i>	6.54	6.85	7.16	6.96	7.03	7.27	7.01	7.05	7.23	7.24	7.09	—	77.43
Pancing <i>Lines</i>	23.88	23.74	22.40	21.51	21.53	21.21	21.65	21.62	22.36	22.81	20.85	19.54	263.10
Pukat-pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>	9.65	9.06	8.26	7.35	7.00	7.17	6.98	5.89	5.75	5.66	5.72	5.95	84.44
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	80.00	85.00	96.00	128.00	96.00	158.00	144.00	96.00	72.00	160.00	128.00	96.00	1,339.00
Rampaian <i>Miscellaneous</i>	15.53	15.90	15.47	13.93	14.37	14.11	12.02	10.65	10.62	8.97	8.53	7.39	147.49
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	3,609.47	3,554.67	3,690.62	3,662.80	3,605.52	3,583.49	3,491.88	3,438.24	3,294.35	3,380.91	3,284.64	3,203.55	41,800.14

KEDAH
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/ <i>Month</i> Kumpulan Perkakas <i>Gear Group</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah / Tan M. <i>Total / Tonnes</i>
Pukat-pukat Tunda <i>Trawl Nets</i>	8,509.93	6,932.86	8,020.06	8,915.89	7,649.24	6,613.53	5,854.61	7,297.45	7,501.52	7,334.12	6,210.66	5,222.73	86,062.60
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	91.09	276.71	420.02	1,101.93	148.72	345.27	776.38	571.93	171.35	77.50	867.85	730.66	5,579.41
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	2,374.72	2,309.46	9,220.55	1,895.41	2,157.64	2,128.52	2,275.63	1,978.35	1,724.97	1,682.48	1,448.03	864.41	30,060.17
Lain-lain <i>Other Seines</i>	120.32	113.50	114.31	108.11	45.54	44.08	44.64	52.90	49.40	45.98	45.40	50.93	835.11
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	625.57	619.61	646.75	647.37	520.16	482.85	484.11	513.03	529.05	505.29	469.83	421.82	6,465.44
Pukat-pukat Tangguk <i>Lift Nets</i>	2.47	2.18	2.86	2.84	5.38	4.71	4.83	5.17	5.67	5.72	4.94	6.25	53.02
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	23.34	22.32	27.84	28.10	23.88	28.90	29.48	58.26	64.99	64.60	67.29	67.30	506.30
Bubu <i>Portable</i>	49.18	49.27	45.75	45.30	48.03	45.05	45.49	67.27	79.10	78.80	86.16	79.12	718.52
Pancing <i>Lines</i>	40.48	39.10	41.02	40.44	46.13	44.36	42.42	46.05	52.18	54.16	52.77	48.79	547.90
Pukat-pukat Bakul <i>Bag Nets</i>	140.48	139.22	140.88	139.06	83.88	86.55	85.46	86.38	91.29	92.14	95.09	94.78	1,275.21
Pukat-pukat Rentang <i>Barrier Nets</i>	8.96	9.01	10.30	9.95	5.22	5.22	5.22	6.23	7.03	8.35	8.59	8.44	92.52
Pukat-pukat Surung <i>Push/Scoop Nets</i>	3.62	2.94	2.93	3.01	2.27	2.56	2.64	2.85	3.05	3.45	3.59	3.60	36.51
Memungut Siput <i>Shellfish Collection</i>	—	—	—	—	272.23	503.64	438.25	470.62	538.25	550.15	550.32	400.50	3,723.96
Rampaian <i>Miscellaneous</i>	9.07	8.47	10.40	9.84	7.45	9.32	9.42	7.62	8.00	7.92	7.49	6.35	101.35
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	11,999.23	10,524.65	18,703.67	12,947.25	11,015.77	10,344.56	10,098.58	11,164.11	10,825.85	10,510.66	9,918.01	8,005.68	136,058.02

PULAU PINANG/*PENANG*
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP 1983

Bulan/ <i>Month</i> Kumpulan Perkakas <i>Gear Group</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah / Tan M. <i>Total / Tonnes</i>
Pukat-pukat Tunda <i>Trawl Nets</i>	376.19	217.21	601.89	183.15	272.09	236.51	251.92	241.56	285.22	405.73	416.62	572.71	4,060.80
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Bilis <i>Purse Seine-Fish</i>	218.08	462.44	1,582.41	1,845.43	1,767.66	1,542.38	2,660.49	1,779.40	1,446.44	194.24	177.00	302.20	13,978.17
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	75.52	498.41	119.18	265.34	100.83	160.08	38.61	34.50	53.00	182.21	115.74	234.82	1,878.24
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	439.11	370.03	320.75	314.89	427.85	451.76	493.67	549.04	497.23	468.79	424.39	695.40	5,452.91
Pukat-pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	4.37	10.91	17.58	20.14	14.94	45.60	19.91	37.10	23.44	15.29	9.62	11.27	230.17
Pancing <i>Lines</i>	8.58	6.32	5.92	11.21	17.06	11.37	13.23	11.42	16.98	13.79	7.52	8.79	132.19
Pukat-pukat Bakul <i>Bag Nets</i>	136.01	132.52	106.03	77.29	89.93	83.49	212.63	96.79	121.05	97.60	104.40	108.75	1,366.49
Pukat-pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	54.44	58.41	41.52	1.65	1.65	32.97	53.82	45.12	38.82	38.45	27.79	0.66	395.30
Memungut Siput <i>Shellfish Collection</i>	656.41	711.43	261.34	239.56	740.47	544.46	468.24	653.36	650.00	469.60	1,250.46	1,084.27	7,729.60
Rampaian <i>Miscellaneous</i>	—	—	0.44	0.35	0.46	0.37	0.27	0.41	0.44	0.39	0.30	0.47	3.90
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	1,968.71	2,467.68	3,057.06	2,959.01	3,432.94	3,108.99	4,212.79	3,448.70	3,132.62	1,886.09	2,533.84	3,019.34	35,227.77

PERAK
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/ <i>Month</i> Kumpulan Perkakas <i>Gear Group</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah / Tan M. <i>Total / Tonnes</i>
Pukat-pukat Tunda <i>Trawl Nets</i>	2,788.88	2,407.04	7,275.04	4,947.19	5,408.93	5,280.05	4,640.07	7,056.07	6,951.94	5,007.31	5,382.59	6,275.84	63,420.95
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	692.74	562.73	748.96	1,621.78	1,681.44	1,676.87	1,850.53	3,235.23	2,742.57	615.29	2,085.03	1,737.02	19,250.19
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	82.54	398.64	918.29	632.81	516.73	461.33	398.64	165.02	140.91	104.48	58.36	34.24	3,911.99
Lain-lain <i>Other Seines</i>	1,285.90	923.46	845.83	949.06	900.64	1,127.76	931.11	1,259.29	1,239.18	1,345.82	1,105.95	1,040.81	12,954.81
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	879.96	884.87	939.77	1,099.62	1,225.15	1,277.71	1,105.63	1,248.09	1,074.02	1,273.86	1,258.47	1,100.44	13,367.59
Pukat-pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	47.52	161.25	182.35	106.12	132.60	108.20	113.50	166.65	183.85	234.86	180.64	297.69	1,915.23
Bubu <i>Portable</i>	55.98	83.90	90.33	226.24	229.97	213.88	213.37	221.42	154.24	253.23	188.45	116.63	2,047.64
Pancing <i>Lines</i>	222.70	135.89	330.73	359.49	387.66	388.77	420.65	411.02	384.44	272.23	315.01	279.30	3,907.89
Pukat-pukat Bakul <i>Bag Nets</i>	34.53	35.94	56.51	42.95	49.83	33.46	31.10	38.49	27.65	27.64	35.43	50.14	463.67
Pukat-pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	266.88	286.17	317.15	311.37	260.36	285.80	253.92	271.45	254.75	252.95	168.32	194.57	3,123.69
Memungut Siput <i>Shellfish Collection</i>	1,844.21	1,821.39	1,425.34	1,550.66	2,350.26	3,127.54	2,130.11	1,701.61	1,618.77	978.76	1,185.51	1,385.43	21,129.59
Rampaian <i>Miscellaneous</i>	56.52	53.85	62.68	67.02	67.12	63.65	55.57	45.73	—	—	5.63	5.40	483.17
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	8,258.36	7,765.13	13,192.98	11,914.31	13,210.69	14,045.02	12,144.20	15,820.07	14,772.32	10,366.43	11,969.39	12,517.51	145,976.41

SELANGOR
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah / Tan M. Total / Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	2,089.51	2,071.88	2,495.62	2,098.77	1,935.15	1,858.24	2,311.05	4,003.76	3,475.30	1614.12	1,675.62	2,087.87	27,716.89
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	73.14	55.73	85.51	263.92	663.66	417.15	534.30	431.97	488.11	219.13	395.15	110.79	3,738.56
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	103.73	81.43	86.90	85.82	86.18	83.58	91.12	88.92	83.62	84.87	75.10	74.39	1,025.66
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	870.88	779.72	711.80	803.45	858.50	841.74	891.94	898.40	781.70	594.52	548.94	537.57	9,119.16
Pukat-pukat Tangguk <i>Lift Nets</i>	16.27	14.23	20.95	19.42	21.50	23.98	20.03	25.24	—	—	—	—	161.62
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	15.91	16.17	15.11	12.94	11.70	13.21	15.55	22.11	20.45	23.63	20.03	67.87	254.68
Bubu <i>Portable</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing <i>Lines</i>	87.01	91.84	104.83	116.39	119.96	118.12	130.76	140.51	130.88	116.54	112.71	120.94	1,390.49
Pukat-pukat Bakul <i>Bag Nets</i>	764.14	794.09	811.68	849.33	825.86	840.93	874.77	845.43	856.43	839.36	798.83	727.06	9,827.91
Pukat-pukat Rentang <i>Barrier Nets</i>	49.31	45.19	49.63	49.93	45.59	47.82	53.20	50.53	47.76	43.62	46.57	41.31	570.46
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	912.00	856.00	880.00	948.72	820.15	890.00	730.66	752.90	714.00	732.36	825.52	790.70	9,853.01
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	4,981.90	4,806.28	5,262.03	5,248.69	5,388.25	5,134.77	5,653.38	7,259.77	6,598.25	4,268.15	4,498.47	4,558.50	63,658.44

NEGERI SEMBILAN
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah / Tan M. Total / Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	1.65	0.92	1.16	1.87	2.06	1.38	1.20	0.90	0.90	0.90	0.90	1.14	14.98
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	28.37	29.46	29.93	32.78	31.01	30.64	27.62	21.86	21.14	18.37	17.06	20.76	309.00
Pukat-pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	3.87	1.98	2.88	3.24	2.35	3.85	2.55	1.85	2.64	2.75	2.75	2.42	33.13
Pancing <i>Lines</i>	10.80	10.85	7.54	10.02	7.78	5.39	4.14	2.98	3.69	3.02	3.07	3.28	72.56
Pukat-pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampajan <i>Miscellaneous</i>	0.45	0.48	0.60	0.54	0.72	0.55	0.45	0.40	0.50	0.45	0.40	0.42	5.96
Jumlah/Total Tan M/Tonnes	45.14	43.69	42.11	48.45	43.92	41.81	35.96	27.99	28.87	25.49	24.18	28.02	435.63

MELAKA/MALACCA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
 LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah / Tan M. Total / Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	0.84	1.02	1.10	1.69	0.95	0.80	0.80	0.76	0.83	0.75	0.43	0.53	10.50
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	131.41	153.55	146.74	161.05	149.45	127.05	103.18	111.61	120.34	112.22	99.04	112.38	1,528.02
Pukat-pukat Tangguk <i>Lift Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	5.96	4.73	5.29	5.54	4.38	4.53	4.98	4.56	4.70	4.53	4.44	2.88	56.52
Bubu <i>Portable</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing <i>Lines</i>	42.77	68.63	66.24	47.79	50.23	41.80	32.75	26.95	28.55	29.61	28.04	32.79	496.15
Pukat-pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>	0.68	0.73	0.69	0.45	0.45	0.41	0.29	0.25	0.29	0.30	0.62	0.62	5.78
Pukat-pukat Surung <i>Push/Scoop Nets</i>	0.39	0.42	1.00	3.10	1.05	16.25	24.34	18.14	24.66	15.68	6.03	0.38	111.44
Memungut Siput <i>Shellfish Collection</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	182.05	229.08	221.06	219.62	206.51	190.84	166.34	162.27	179.37	163.09	138.60	149.58	2,208.41

JOHOR BARAT/*WEST JOHORE*
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
 LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/ <i>Month</i> Kumpulan Perkakas <i>Gear Group</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah / Tan M. <i>Total / Tonnes</i>
Pukat-pukat Tunda <i>Trawl Nets</i>	670.41	268.77	174.15	859.75	741.61	358.41	865.40	1,075.12	625.83	600.66	490.77	1,004.85	7,735.73
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	23.18	20.33	16.89	41.40	28.90	51.18	15.88	34.44	30.97	30.36	24.94	7.62	326.09
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	286.09	214.96	215.46	526.87	341.35	812.61	492.07	424.00	341.49	276.85	483.60	391.76	4,807.11
Pukat-pukat Tangguk <i>Lift Nets</i>	45.05	38.66	—	—	18.49	—	34.95	—	35.56	—	10.82	—	183.53
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	161.91	—	64.79	40.41	50.23	88.37	79.96	123.10	28.48	33.80	17.72	150.02	838.79
Bubu <i>Portable</i>	2.68	5.83	6.45	46.90	57.94	39.78	58.46	23.42	19.67	21.02	—	23.37	305.52
Pancing <i>Lines</i>	36.70	28.51	38.07	51.01	33.69	110.48	66.75	95.39	81.41	81.54	106.44	45.90	775.89
Pukat-pukat Bakul <i>Bag Nets</i>	106.01	—	—	93.33	57.36	110.73	135.99	134.24	186.20	218.02	263.58	211.37	1,516.83
Pukat-pukat Rentang <i>Barrier Nets</i>	5.71	13.49	5.00	4.27	4.53	5.32	5.08	2.43	3.08	4.33	1.32	3.21	57.77
Pukat-pukat Surung <i>Push/Scoop Nets</i>	2.84	1.93	2.84	1.81	2.72	2.42	3.99	3.26	3.02	1.87	1.87	1.63	30.20
Memungut Siput <i>Shellfish Collection</i>	12.59	12.46	17.24	14.40	13.55	17.18	21.42	28.30	25.43	20.98	27.98	19.18	230.71
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	1,353.17	604.94	540.89	1,680.15	1,350.37	1,596.48	1,779.95	1,943.70	1,381.14	1,289.43	1,429.04	1,858.91	16,808.17

KELANTAN
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah / Tan M. Total / Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	63.42	102.35	114.26	116.73	98.04	66.86	75.75	114.75	104.73	67.05	52.98	13.97	990.89
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	268.28	370.00	720.30	547.00	1,022.30	792.78	842.00	578.29	716.65	435.11	301.76	—	6,594.47
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	1.77	2.98	4.17	5.76	2.35	4.00	3.20	3.08	2.24	1.53	0.79	—	31.87
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	20.49	15.77	20.04	12.48	25.79	28.65	23.06	32.70	33.47	26.12	23.36	5.27	267.20
Pukat-pukat Tangguk <i>Lift Nets</i>	15.40	13.82	16.22	21.35	12.98	19.72	19.62	18.72	17.14	16.29	14.56	—	185.82
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	5.98	8.26	10.40	4.80	5.57	11.28	8.28	9.61	6.99	8.09	5.09	—	84.35
Pancing <i>Lines</i>	15.51	13.43	10.13	11.46	14.14	9.47	10.89	7.48	8.73	10.85	6.64	2.99	121.72
Pukat-pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	—	—	—	—	—	109.00	87.00	—	—	—	—	—	196.00
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	390.85	526.61	895.52	719.58	1,181.17	1,041.76	1,069.80	764.63	889.95	565.04	405.18	22.23	8,472.32

TERENGGANU
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah / Tan M. Total / Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	527.14	949.99	885.84	981.58	1,083.84	1,284.46	1,065.76	1,387.26	1,871.08	1,404.53	1,363.60	520.97	13,326.05
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	1,103.68	4,439.73	4,026.54	3,700.70	3,708.97	4,913.16	5,125.46	4,299.54	4,348.53	3,675.01	1,909.24	462.92	41,713.48
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	1,266.92	526.76	1,811.59	1,006.26	819.51	823.24	1,256.05	1,406.58	1,154.86	—	—	10,071.77
Lain-lain <i>Other Seines</i>	180.60	186.90	200.90	164.15	—	—	—	—	—	—	—	—	732.55
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	677.72	1,213.48	1,283.27	1,717.46	1,447.89	1,503.13	1,559.61	1,654.44	1,522.28	1,373.18	651.99	415.79	15,020.24
Pukat-pukat Tangguk <i>Lift Nets</i>	268.77	638.19	515.34	834.99	909.67	942.30	1,166.87	936.68	669.26	614.64	304.86	179.70	7,981.27
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>	435.59	517.50	386.40	500.59	396.19	407.15	632.68	505.35	548.16	421.47	349.58	205.95	5,306.61
Pancing <i>Lines</i>	669.24	820.87	866.63	1,203.88	1,127.33	1,147.72	1,583.47	1,687.83	1,301.35	1,423.48	934.56	476.44	13,242.80
Pukat-pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	—	55.25	67.45	295.22	311.58	151.07	—	6.46	—	4.21	—	—	891.24
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	3,862.74	10,088.83	8,759.13	11,210.16	9,991.73	11,168.50	11,957.09	11,733.61	11,667.24	10,071.38	5,513.83	2,261.77	108,286.01

PAHANG
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/Month Kumpulan Perkakas Gear Group	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah / Tan M. Total / Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	740.00	298.00	336.00	729.00	451.91	618.08	593.47	626.42	631.48	1,317.83	131.84	325.92	6,799.95
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Nets</i>	—	8.00	342.00	468.00	164.00	48.56	29.85	14.31	—	297.06	—	—	1,371.78
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	62.00	30.00	33.88	248.11	43.28	32.43	34.48	—	—	—	484.14
Lain-lain <i>Other Seines</i>	2.00	—	—	—	—	—	—	—	—	—	—	—	2.00
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	31.00	45.00	76.00	218.00	133.66	92.37	1,546.91	220.61	15.84	—	—	—	2,379.39
Pukat-pukat Tangguk <i>Lift Nets</i>	—	14.00	233.00	217.00	686.30	705.66	661.09	310.10	683.10	—	—	—	3,510.25
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	—	—	—	16.00	39.16	7.84	3.57	5.51	1.32	—	—	—	73.40
Bubu <i>Portable</i>	84.00	146.00	136.00	66.00	149.56	614.64	494.46	499.51	160.65	—	—	—	2,350.82
Pancing <i>Lines</i>	338.00	152.00	181.00	594.00	437.55	1,103.21	2,084.30	745.96	11.37	—	—	13.10	5,660.49
Pukat-pukat Bakul <i>Bag Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	38.00	35.00	22.00	19.00	23.16	7.08	5.32	—	8.85	—	—	—	158.41
Rampaian <i>Miscellaneous</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	1,233.00	698.00	1,388.00	2,357.00	2,119.18	3,445.55	5,462.25	2,454.85	1,547.09	1,614.89	131.84	339.02	22,790.67

JOHOR TIMUR/*EAST JOHORE*
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1983
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1983

Bulan/ <i>Month</i> Kumpulan Perkakas <i>Gear Group</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah / Tan M. <i>Total / Tonnes</i>
Pukat-pukat Tunda <i>Trawl Nets</i>	299.31	922.47	1,076.24	722.96	1,109.32	1,087.42	787.44	698.09	712.56	937.06	290.81	25.84	8,669.52
Pukat-pukat Tarik/ <i>Seine Nets</i> :													
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	768.78	475.62	1,011.32	1,332.99	1,067.54	1,082.33	742.03	936.49	1,352.35	2,132.87	29.52	24.55	10,956.39
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	—	290.38	347.84	169.04	121.74	122.80	91.30	111.95	164.78	143.19	—	—	1,563.02
Pukat-pukat Tangguk <i>Lift Nets</i>	—	44.72	—	16.71	112.40	—	169.45	230.93	154.43	236.62	—	—	965.26
Perangkap-perangkap/ <i>Traps</i> :													
Belat-belat <i>Stationary</i>	32.95	19.00	18.94	17.09	13.02	51.32	31.46	12.43	15.09	23.50	9.63	—	244.43
Bubu <i>Portable</i>	—	—	3.83	6.30	10.56	27.86	11.24	9.30	8.47	6.32	—	—	83.88
Pancing <i>Lines</i>	130.79	525.78	317.15	423.76	206.13	638.30	296.96	304.91	364.55	356.18	84.03	24.74	3,673.28
Pukat-pukat Bakul <i>Bag Nets</i>	—	49.24	91.53	—	102.78	136.15	184.03	338.75	—	195.31	—	—	1,097.79
Pukat-pukat Rentang <i>Barrier Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	—	—	20.19	20.37	32.82	—	—	—	—	5.05	1.54	—	79.97
Jumlah/ <i>Total</i> Tan M/ <i>Tonnes</i>	1,231.83	2,327.21	2,887.04	2,709.22	2,776.31	3,146.18	2,313.91	2,642.85	2,772.23	4,036.10	415.53	75.13	27,333.54

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUTI NEGERI DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY STATE AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pantai Barat <i>West Coast</i>								Pantai Timur <i>East Coast</i>				Jumlah Kecil <i>Sub-Total</i>	Jumlah Besar Tan M. <i>Grand Total</i> Tonnes
	Nama Tempatan <i>Local Name</i>	Perlis	Kedah	Pulau Pinang <i>Penang</i>	Perak	Selangor	Negeri Sembilan	Melaka <i>Malacca</i>	Johor Barat <i>West Johore</i>	Kelantan	Trengganu	Pahang	Johor Timur <i>East Johore</i>		
	<i>Species</i>														
24	Kebasi/Selangat	30.61	265.40	221.95	725.24	1.79	7.53	12.92	272.95	1,538.39	6.93	—	1.45	51.58	1,598.35
	Puput/B. Mata/Tirok	—	94.12	110.88	474.95	65.13	—	—	325.73	1,070.81	—	—	0.03	25.86	1,096.70
	Terubok	—	—	—	12.96	—	—	—	—	12.96	—	18.40	—	18.40	31.36
25	Siakap	—	2.18	—	137.90	—	0.61	2.02	—	142.71	—	47.60	11.55	16.32	218.18
31	Lidah	185.26	788.96	67.02	104.97	560.05	—	—	57.19	1,763.45	4.52	37.94	19.50	2.04	1,827.45
	Sebelah	23.16	43.28	—	144.72	28.23	—	—	0.96	240.35	8.30	55.43	0.76	6.68	311.52
33	Bayan	—	—	—	—	—	—	—	—	—	0.11	57.62	39.51	8.29	105.53
	Biji Nangka	—	—	13.81	296.14	0.03	—	—	25.69	335.67	73.08	563.15	148.67	176.08	1,296.65
	Daun Baharu	—	1.82	—	45.06	7.98	6.73	—	2.93	64.52	2.51	35.21	67.16	25.66	195.06
	Delah	—	70.93	—	30.36	—	—	—	14.63	115.92	0.75	649.19	78.07	77.72	921.65
	Duri/Pulutan/Utik	32.96	287.73	118.54	1,071.95	836.97	9.76	117.53	697.93	3,173.37	5.71	351.54	178.90	168.95	3,878.47
	Dengkis/Debam	—	100.71	—	0.49	—	—	—	1.32	102.52	6.39	622.56	659.89	119.13	1,407.97
	Gelama/Tengkerong	154.87	1,541.62	517.75	2,824.52	1,737.51	12.37	81.34	705.54	7,575.52	95.00	171.04	146.86	213.27	8,201.69
	Gerut-gerut	97.58	227.43	27.61	258.24	253.42	—	—	2.09	866.37	22.97	66.54	11.44	7.83	975.15
	Jenahak	42.03	196.37	33.65	705.32	211.80	36.66	68.91	149.04	1,443.78	—	—	9.21	33.96	1,486.95
	Kaci	—	—	0.17	17.88	—	—	—	2.17	20.22	0.48	254.28	58.54	26.79	360.31
	Kerapu	112.84	475.31	78.98	1,025.76	89.00	6.21	18.36	87.30	1,893.76	19.76	895.43	180.23	148.66	3,137.84
	Kerisi	39.05	1,832.49	70.15	3,274.64	111.20	—	—	5.01	5,332.54	128.38	2,980.02	1,054.03	877.00	10,371.97
	Kerisi Bali	—	—	27.43	393.20	—	—	—	—	420.63	—	29.77	—	—	450.40
	Kikek	—	14.47	—	175.11	0.03	—	—	—	189.61	85.56	219.23	49.62	80.41	624.43
	Malong	39.80	443.81	61.71	168.29	538.82	0.64	2.25	333.86	1,589.18	0.21	10.53	0.95	0.90	1,601.77
	Merah	—	39.80	127.36	1,962.99	268.76	8.59	21.64	117.17	2,546.31	33.44	1,120.79	52.41	189.96	3,942.91
	Mengkerong/Conor/Ubi-ubi	—	452.27	34.78	564.42	232.94	—	0.15	52.71	1,337.27	—	89.23	26.71	64.69	1,517.90
	Remong/Kunyit-kunyit	—	—	—	74.44	—	—	—	—	74.44	33.18	806.90	353.78	99.08	1,292.94
	Semilang	51.48	341.12	1.97	906.91	69.38	0.95	0.87	93.56	1,466.24	—	0.08	18.82	0.06	1,485.20
	Shrumbu/Lemah	—	—	—	—	—	—	—	0.36	0.36	—	—	—	—	0.36
	Puntong Damar/Bulus	60.16	188.82	—	318.56	5.77	—	—	—	573.31	5.25	190.51	82.87	169.54	1,021.48
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	209.88	28.64	238.52	238.52

34	Alu-alu/Kacang-kacang	13.31	303.02	15.24	622.09	117.54	—	5.85	13.63	1,090.68	10.00	207.49	82.64	123.36	423.49	1,514.17
	Aruan Tasik	—	39.84	—	56.94	—	0.32	—	3.25	100.35	3.11	402.91	82.75	46.77	535.54	635.89
	Bawal	452.51	621.81	1,803.86	1,510.81	766.05	11.76	29.12	505.19	5,701.11	69.12	233.08	20.32	54.47	376.99	6,078.10
	Belanak/Kedera	—	376.16	1,298.89	1,412.38	287.07	1.85	0.50	8.33	3,385.18	—	—	1.00	9.17	10.17	3,395.35
	Cermin/Sagai/Cupak	—	—	2.00	143.03	20.18	2.53	—	13.91	181.65	3.83	297.14	146.89	118.87	566.73	748.38
	Cincaru	1,638.86	448.91	242.97	6,432.14	1,565.03	2.77	2.78	127.03	10,460.49	14.78	85.62	331.79	102.94	535.13	10,995.62
	Demudok/Rambai	—	122.92	—	933.35	23.15	—	6.75	—	1,086.17	31.46	648.91	150.86	218.78	1,050.01	2,136.18
	Kurau/Senangin/Senohong	37.72	21.41	86.26	459.43	1,053.02	8.28	40.15	213.40	1,919.67	—	2.27	7.67	34.02	43.96	1,963.63
	Pelata/Selar	1,875.45	414.95	87.32	1,348.16	144.27	7.33	—	37.41	3,914.89	37.51	9,055.15	1,643.95	1,138.90	11,875.51	15,790.40
	Selar Kuning/Lolong	1,338.92	272.19	0.48	608.83	6.69	—	—	1.29	2,228.40	1,021.17	8,279.90	3,885.05	2,839.51	16,025.63	18,254.03
	Selayang/Curut	8,062.44	33.01	2,450.68	811.80	0.45	—	—	—	11,358.38	1,403.69	5,230.28	309.41	2,168.50	9,111.88	20,470.26
	Pisang-pisang	55.68	—	—	—	—	—	—	0.30	55.98	6.33	289.47	8.95	9.83	314.58	370.56
	Talang	—	214.03	—	208.58	41.97	2.06	3.82	14.13	484.59	0.22	79.39	39.97	35.28	154.86	639.45
35	Bilis	—	22,956.77	—	4,384.91	—	—	—	68.21	27,409.89	20.89	7,075.79	173.20	66.10	7,335.98	34,745.87
	Parang-parang	249.33	602.99	112.70	524.68	800.06	71.55	512.34	684.06	3,557.71	23.00	451.32	152.00	96.78	723.10	4,280.81
	Tamban	2,798.46	915.30	1,703.37	1,828.17	79.59	—	—	294.27	7,619.16	1,199.85	7,801.20	1,582.56	4,452.14	15,035.75	22,654.91
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	15.40	46.70	—	62.10	—
36	Aya/Kayu/Tongkol	435.70	334.60	76.20	1,733.58	99.58	—	—	—	2,679.66	94.69	12,497.53	1,689.29	1,876.33	16,157.84	18,837.50
	Layaran/Mersuji	—	—	—	120.25	—	—	—	—	120.25	—	184.35	268.74	20.76	473.85	594.10
37	Kembong/Temenong	15,313.99	22,606.27	7,248.53	11,027.99	6,396.45	0.23	—	0.23	62,593.69	2,757.29	21,431.41	327.83	2,953.72	27,470.25	90,063.94
	Tenggiri	225.24	1,002.33	80.48	992.69	1,706.15	76.25	495.88	590.88	5,169.90	72.25	3,214.66	326.67	966.40	4,579.98	9,749.88
	Timah/Layor/Selayor	33.83	342.67	63.85	289.39	4.57	—	—	32.52	766.83	27.45	134.13	0.49	15.98	178.05	944.88
38	Pari	152.40	693.63	84.96	927.16	469.58	40.90	273.21	420.86	3,062.70	29.01	169.56	751.91	193.33	1,143.81	4,206.51
	Yu	44.36	213.75	14.21	209.65	124.18	1.26	8.88	11.44	627.73	0.81	657.79	885.76	195.85	1,740.21	2,367.94
39	Ikan Baja	3,946.40	57,029.35	5,282.19	39,531.87	11,877.16	1.79	22.80	4,676.35	122,367.91	38.47	9,050.51	3,972.27	4,269.98	17,331.23	139,699.14
	Ikan Campur	323.39	1,016.43	698.61	4,391.73	131.36	73.72	274.13	1,230.80	8,140.17	402.93	7,453.22	702.42	390.19	8,948.76	17,088.93
	Jebong	—	—	1.68	493.41	1.80	—	—	13.81	510.70	—	176.86	140.08	32.70	349.64	860.34
42	Ketam	361.61	574.94	446.26	2,050.85	509.99	8.77	—	132.94	4,085.36	15.80	79.22	438.98	147.25	681.25	4,766.61
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	0.25	112.94	21.64	46.54	181.37	181.37
	Udang Besar	189.44	1,277.60	429.25	2,120.12	538.20	—	61.08	504.05	5,119.74	28.68	148.39	88.66	189.37	455.10	5,574.84
	Udang Sedang	866.14	3,024.86	1,337.01	7,196.17	3,206.51	34.21	18.47	380.71	16,064.08	44.00	203.45	171.90	257.08	676.43	16,740.51
	Udang Kecil	661.37	4,904.06	1,407.71	12,647.62	7,086.62	—	30.27	2,599.80	29,337.45	124.45	447.35	278.22	450.13	1,300.15	30,637.60
	Udang Baring	—	36.51	518.26	1,251.94	7,102.33	—	96.39	889.90	9,895.33	1.50	726.25	—	243.87	971.62	10,866.95
56	Kerang	30.00	1,210.21	7,348.92	20,900.37	8,686.44	—	—	—	38,175.94	196.00	—	158.41	—	354.41	38,530.35
	Siput/Kepah/Kupeng/Tiram	1,309.00	2,513.75	380.68	229.22	1,166.57	—	—	230.71	5,829.93	—	—	—	—	—	5,829.93
57	Sotong Kereta	—	212.78	1.82	1.62	—	—	—	—	216.22	—	—	—	0.30	0.30	216.52
	Sotong Katak	228.93	513.91	85.65	755.61	519.82	—	—	71.45	2,175.37	4.03	352.08	226.30	167.11	749.52	2,924.89
	Sotong Biasa	285.86	3,798.42	267.25	2,104.85	549.42	—	—	89.17	7,094.97	257.22	1,818.00	214.55	782.13	3,071.90	10,166.87
76	Ubur-ubur	—	—	136.72	—	3,557.83	—	—	—	3,694.55	—	—	—	—	—	3,694.55
Jumlah Tan M. Total Tonnes		41,800.14	136,058.02	35,227.77	145,976.41	63,658.44	435.63	2,208.41	16,808.17	442,172.99	8,472.32	108,286.01	22,790.67	27,333.54	166,882.54	609,055.53

JADUAL (TABLE) 5.10

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSECCAP GROUP NO	Jenis Ikan Species	Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Tan M. Total Tonnes
	Nama Tempatan Local Name													
	Species													
24	Kebasi/Selangat	112.93	128.31	82.91	108.07	143.43	185.96	132.54	163.13	149.03	109.02	102.56	179.46	1,598.35
	Puput/B. Meta/Tirok	86.36	33.91	56.77	43.51	127.68	66.49	49.48	87.96	88.53	71.19	196.57	188.25	1,096.70
	Terubok	18.40	0.41	3.30	—	0.06	—	0.06	0.19	8.49	—	0.08	0.37	31.36
25	Siakap	22.83	15.86	15.71	12.83	12.33	20.39	25.63	30.52	9.05	16.69	16.58	19.76	218.18
31	Lidah	156.36	146.73	168.82	170.51	164.08	179.49	165.32	172.01	197.48	104.18	111.16	91.31	1,827.45
	Sebelah	13.39	15.13	30.94	16.77	26.27	26.12	23.80	34.42	28.71	32.84	33.22	29.91	311.52
33	Bayan	3.64	11.84	17.36	9.06	6.41	28.73	7.17	3.40	4.73	5.38	3.94	3.87	105.53
	Biji Nangka	65.29	34.91	91.89	74.92	131.76	142.51	131.08	174.89	150.46	143.37	101.21	54.36	1,296.65
	Dau Baharu	1.89	8.54	6.50	6.89	10.93	37.25	11.15	55.36	16.42	15.37	8.56	16.10	195.06
	Delah	23.77	40.44	79.67	85.79	92.05	66.50	100.17	133.74	97.97	94.50	73.06	33.99	921.65
	Duri/Pulutan/Utik	192.84	248.90	337.88	426.54	272.86	437.68	412.03	490.55	279.18	306.27	229.72	245.02	3,878.47
	Dengkis/Debam	54.35	70.28	70.06	72.55	104.54	93.00	230.93	320.13	245.93	126.88	73.93	47.91	1,510.49
	Gelama/Tengkerong	495.90	578.46	654.24	648.99	656.35	589.77	669.14	863.99	807.91	761.28	658.06	819.60	8,201.69
	Gerut-gerut	65.19	64.60	82.18	94.76	70.13	62.67	73.70	102.00	119.84	77.58	78.55	83.95	975.15
	Jenahak	34.78	55.85	93.01	151.28	165.79	158.39	149.27	159.97	142.13	141.92	122.62	111.94	1,486.95
	Kaci	13.46	47.42	20.62	57.33	21.81	56.79	26.78	24.88	30.42	23.34	21.50	15.96	360.31
	Kerapu	183.42	299.97	221.64	285.33	251.17	316.87	309.45	349.43	261.52	234.73	246.15	178.16	3,137.84
	Kerisi	727.07	504.90	895.08	836.67	935.93	1,137.43	828.22	967.36	1,147.15	1,026.98	780.37	584.81	10,371.97
	Kerisi Bali	4.93	12.72	24.45	30.55	48.23	46.36	73.67	34.46	50.80	56.44	32.38	35.41	450.40
	Kikek	31.32	32.19	49.05	32.30	45.67	54.20	42.86	40.04	125.44	76.50	42.83	52.03	624.43
	Malong	119.93	69.77	99.03	157.47	136.17	172.72	145.71	117.96	131.97	125.35	159.25	166.44	1,601.77
	Marah	209.54	293.27	314.89	376.05	403.20	414.28	528.80	402.60	335.73	294.43	231.17	138.95	3,942.91
	Mengkerong/Conor/Ubi-ubi	145.75	98.00	208.80	116.63	188.00	113.36	121.21	142.30	146.58	112.11	89.48	65.48	1,517.90
	Remong/Kunyit-kunyit	110.44	70.21	89.50	173.74	134.02	241.82	132.53	113.00	90.31	94.57	79.06	38.18	1,367.38
	Semilang	161.51	104.56	86.81	128.15	110.83	92.25	82.09	158.46	140.15	163.21	117.48	139.70	1,485.20
	Shrimbu/Lemah	—	—	—	0.12	—	0.12	0.12	—	—	—	—	—	0.36
	Puntong Damar/Bulus	53.59	75.87	61.90	97.18	94.49	95.46	74.06	89.24	103.33	128.34	77.95	70.07	1,021.48
	Pasir-pasir	23.00	20.98	12.89	15.77	19.21	52.20	54.40	20.80	0.97	9.22	3.36	5.72	238.52

34	Alu-alu/Kacang-kacang	77.02	89.58	174.46	131.72	131.41	121.99	144.52	135.16	216.62	137.05	64.81	89.83	1,514.17
	Aruan Tasik	63.88	78.02	96.22	79.20	39.43	37.07	65.12	71.10	36.99	33.87	17.91	17.08	635.89
	Bawal	248.76	449.20	1,382.33	642.28	622.40	616.12	446.04	451.60	321.34	333.39	284.17	280.47	6,078.10
	Belanak/Kedera	363.12	182.46	244.61	262.17	165.93	193.85	373.51	437.50	387.86	326.59	184.76	272.99	3,395.35
	Cermin/Sagei/Cupak	9.88	24.56	20.29	42.49	73.46	176.05	86.01	43.03	62.15	45.36	145.85	19.25	748.38
	Cincaru	307.71	240.25	394.66	332.24	488.60	404.51	970.67	1,603.98	2,288.03	919.53	2,089.85	955.59	10,995.62
	Demudok/Rambai	79.95	133.06	189.34	238.54	244.20	166.55	189.80	217.07	231.22	127.51	202.38	116.56	2,136.18
	Kurau/Senangin/Senohong	150.72	174.75	146.22	171.31	173.89	146.59	161.05	180.53	175.05	147.08	165.21	171.23	1,963.63
	Pelata/Selar	492.69	924.95	1,134.32	1,772.76	1,360.05	1,896.60	2,699.66	1,261.45	1,506.40	1,297.60	861.26	582.66	15,790.40
	Selar Kuning/Lolong	797.68	1,060.11	1,298.25	1,359.58	2,089.26	2,078.21	2,400.37	2,123.54	2,345.86	1,563.13	584.72	553.32	18,254.03
	Selayang/Curut	1,052.74	1,250.18	1,604.23	1,879.58	1,995.93	2,424.62	3,032.21	1,969.90	1,913.42	1,425.61	1,070.98	850.86	20,470.26
	Pisang-pisang	48.65	32.47	16.56	7.24	26.51	28.00	31.57	38.33	41.95	43.40	29.15	26.73	370.56
	Talang	106.84	30.70	21.84	34.37	56.98	33.11	33.05	38.87	57.01	87.21	54.27	85.20	639.45
35	Bilis	2,512.64	3,260.99	4,145.92	3,800.15	3,170.91	3,059.29	3,472.17	3,146.45	3,041.36	2,653.29	1,539.18	943.52	34,745.87
	Parang-parang	330.04	378.19	399.19	377.61	419.37	379.54	376.60	422.74	323.87	280.62	324.66	268.38	4,280.81
	Tamban	1,045.49	2,799.67	2,638.62	2,451.62	1,867.69	2,165.08	2,091.46	1,873.56	1,918.29	2,577.63	502.66	723.14	22,654.91
	Bulan-bulan	—	—	—	—	—	5.63	15.40	—	12.23	27.63	0.34	0.87	62.10
36	Aya/Kayu/Tongkol	771.81	1,050.88	995.55	1,803.09	1,561.51	2,130.93	2,474.09	2,249.93	2,108.15	1,940.87	1,204.13	546.56	18,837.50
	Layaran/Mersuji	27.45	28.83	41.70	27.80	36.24	31.15	21.51	302.82	28.67	31.08	12.78	4.07	594.10
37	Kembong/Temenong	5,715.41	6,370.29	7,392.70	9,646.01	9,264.72	9,056.20	9,370.19	9,484.13	7,705.74	6,179.85	5,193.89	4,684.81	90,063.94
	Tenggiri	790.55	979.70	1,000.20	974.93	842.26	778.58	762.93	987.01	866.77	820.95	543.39	402.61	9,749.88
	Timah/Layor/Selayor	69.02	53.24	52.13	34.98	63.03	55.48	50.52	114.04	91.01	96.07	68.51	196.85	944.88
38	Pari	234.56	293.44	401.90	460.53	338.05	308.72	429.11	444.88	406.99	338.64	296.89	252.80	4,206.51
	Yu	98.23	160.15	178.33	164.23	131.31	177.10	851.73	186.84	135.10	111.97	75.40	97.55	2,367.94
39	Ikan Baja	9,484.23	9,275.00	18,804.40	13,143.95	11,827.40	11,453.72	10,329.38	13,092.53	12,641.40	10,984.73	9,502.94	9,159.46	139,699.14
	Ikan Campur	779.93	1,021.17	1,484.34	1,582.49	1,600.39	1,922.96	1,913.29	1,742.48	1,621.36	1,497.10	1,218.50	704.92	17,088.93
	Jebong	14.02	42.97	20.56	18.42	19.23	91.64	290.88	41.25	137.41	72.54	69.67	41.75	860.34
42	Ketam	287.75	228.68	304.55	355.37	415.56	419.03	764.50	408.12	484.21	410.32	349.52	339.00	4,766.61
45	Udang Karang/Lubok	15.35	16.92	10.37	9.22	24.25	13.51	14.92	17.37	14.67	19.98	15.64	9.17	181.37 ✓
	Udang Besar	453.97	430.09	428.02	508.21	612.58	553.04	513.87	524.41	442.75	370.46	366.52	370.92	5,574.84
	Udang Sedang	1,348.41	1,211.79	1,668.98	1,201.12	1,384.78	1,406.42	1,340.23	1,500.23	1,451.10	1,358.94	1,399.15	1,469.36	16,740.51
	Udang Kecil	3,567.19	2,990.86	2,909.74	2,499.31	2,326.57	2,283.77	2,172.27	2,433.83	2,334.77	2,419.97	2,212.74	2,486.58	30,637.60
	Udang Baring	426.42	580.01	1,051.60	995.14	865.88	933.62	884.07	933.29	1,009.59	1,114.51	1,001.11	1,071.71	10,866.95 ✓
56	Kerang	3,125.43	3,190.23	2,367.80	2,565.41	3,777.27	4,762.10	3,564.12	3,244.34	3,149.71	2,310.07	3,135.76	3,338.11	38,530.35 ✓
	Siput/Kepah/Kupang/Tiram	417.78	341.05	334.12	334.93	538.55	594.80	460.88	458.45	477.59	601.78	832.03	437.97	5,829.93
57	Sotong Kereta	21.81	16.33	11.30	30.08	10.46	23.27	30.07	24.08	23.92	7.78	8.04	9.38	216.52
	Sotong Katak	155.71	239.18	286.93	292.88	255.58	279.12	302.71	286.23	242.50	222.88	172.06	189.11	2,924.89
	Sotong Biasa	491.73	922.79	1,111.93	1,216.32	1,157.32	751.17	521.19	766.54	714.82	889.98	770.92	852.16	10,166.87
76	Ubur-ubur	—	—	—	—	—	—	133.09	2,350.39	1,211.07	—	—	—	3,694.55
Jumlah Tan M/Total Tonnes		39,116.45	43,636.77	58,640.11	55,676.24	54,322.36	56,847.95	58,386.13	60,860.79	57,089.28	48,177.66	40,262.55	36,039.24	609,055.53

PANTAI BARAT, SEMENANJUNG MALAYSIA/WEST COAST, PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCCAP GROUP NO	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. Total Tonnes
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	109.02	123.60	71.07	107.20	124.36	179.31	132.01	160.03	144.19	106.81	101.84	178.95	1,538.39
	Puput/B. Mata/Tirok	85.94	29.16	56.13	42.05	127.01	65.92	44.56	79.73	86.76	70.90	194.58	188.07	1,070.81
	Terubok	—	0.41	3.30	—	0.06	—	0.06	0.19	8.49	—	0.08	0.37	12.96
25	Siakap	13.15	11.20	8.22	5.87	9.70	8.68	11.99	12.68	8.19	16.69	16.58	19.76	142.71
31	Lidah	153.19	138.53	163.15	168.12	158.52	168.83	161.78	169.39	189.13	95.05	108.40	89.36	1,763.45
	Sebelah	10.22	6.24	24.00	11.92	18.59	15.81	19.46	29.81	22.38	26.38	28.14	27.40	240.35
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	40.73	2.83	56.61	8.45	41.83	14.30	3.24	33.40	31.75	28.42	42.04	32.07	335.67
	Daun Baharu	0.25	1.89	1.68	1.27	2.19	6.01	4.50	15.15	7.29	5.24	4.65	14.40	64.52
	Delah	2.77	2.04	3.94	17.01	1.83	24.67	2.34	17.15	13.17	11.87	10.43	8.70	115.92
	Duri/Pulutan/Utik	165.82	174.54	226.84	338.99	240.42	344.83	297.21	428.09	254.91	261.97	209.97	229.78	3,173.37
	Dengkis/Debam	—	—	—	1.18	0.42	0.12	0.18	—	21.41	22.04	29.36	27.81	102.52
	Gelama/Tengkerong	468.26	502.21	601.90	591.84	587.52	546.47	623.72	778.84	744.84	697.57	625.97	806.38	7,575.52
	Gerut-gerut	61.75	54.44	72.46	80.52	59.98	51.57	69.15	89.50	109.06	69.21	67.55	81.18	866.37
	Jenahak	34.78	44.73	90.86	145.25	160.77	149.07	147.40	159.88	136.19	140.29	122.62	111.94	1,443.78
	Kaci	2.83	0.07	0.32	0.21	2.76	1.12	0.29	0.24	4.12	2.97	1.38	3.91	20.22
	Kerapu	103.48	94.81	129.18	184.80	161.22	164.47	154.72	212.80	192.73	168.85	183.91	142.79	1,893.76
	Kerisi	335.72	174.56	584.73	426.46	426.43	434.52	358.64	439.24	742.63	436.21	525.53	447.87	5,332.54
	Kerisi Bali	4.93	12.72	24.45	30.55	48.23	46.36	60.51	27.97	44.64	52.48	32.38	35.41	420.63
	Kikek	21.04	0.24	8.96	6.38	3.40	1.16	3.22	8.31	86.26	2.36	10.96	37.32	189.61
	Malong	114.08	69.67	99.03	157.47	136.17	172.34	145.60	117.95	131.96	124.89	156.65	163.37	1,589.18
	Merah	69.40	62.32	216.50	277.37	300.76	306.03	332.42	274.33	246.72	189.42	173.10	97.94	2,546.31
	Mengkerong/Conor/Ubi-ubi	142.69	86.08	202.33	108.97	144.05	87.80	94.05	111.46	124.81	83.19	87.51	64.33	1,337.27
	Remong/Kunyit-kunyit	36.40	—	19.87	1.40	6.61	1.13	1.73	0.83	1.65	0.85	1.64	2.33	74.44
	Semilang	161.51	104.56	86.81	128.15	110.83	90.34	82.09	142.00	139.78	162.99	117.48	139.70	1,466.24
	Shrumbu/Lemah	—	—	—	0.12	—	0.12	0.12	—	—	—	—	—	0.36
	Puntong Damar/Bulus	33.54	29.26	36.10	63.50	48.07	37.52	42.16	70.50	60.99	41.52	57.38	52.77	573.31
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-ulu/Kacang-kacang	53.37	37.52	125.04	104.03	75.86	73.59	96.07	92.10	194.67	89.78	61.27	87.38	1,090.68
	Aruan Tasik	26.73	4.28	3.39	6.84	3.21	2.51	6.21	13.60	12.09	6.33	10.19	4.97	100.35
	Bawal	211.00	278.07	1,318.94	633.68	811.00	594.38	430.72	429.53	312.58	322.98	277.97	280.26	5,701.11
	Belanak/Kedera	362.12	182.46	244.61	262.17	165.93	184.68	373.51	437.50	387.86	326.59	184.76	272.99	3,385.18
	Cernini/Sagai/Cupak	7.62	0.55	7.62	3.40	11.87	18.10	50.25	27.30	20.38	15.24	6.46	12.86	181.65
	Cincaru	292.40	224.98	338.39	315.93	463.17	374.53	868.34	1,358.81	2,279.19	907.18	2,080.45	948.12	10,460.49
	Demudok/Rambai	36.96	28.48	102.75	79.49	84.87	93.85	75.44	88.73	153.30	80.01	173.81	88.68	1,086.17
	Kurau/Senengiri/Senohong	150.72	166.54	141.09	189.60	186.56	139.28	159.57	178.49	168.18	144.22	165.21	171.21	1,919.67
	Pelatai/Selar	224.02	205.02	286.02	277.14	296.38	427.20	376.92	364.18	302.68	336.19	341.20	478.94	3,914.89
	Selar Kuning/Lolong	233.45	223.81	128.79	161.97	177.54	139.68	147.28	166.84	170.66	169.93	192.84	315.63	2,228.40
	Selayang/Curut	752.25	852.17	1,073.37	1,243.41	888.94	1,445.70	1,269.08	760.82	816.28	685.48	720.27	850.61	11,358.38
	Pisang-pisang	-	-	-	-	7.24	6.48	-	7.45	8.08	8.28	9.88	8.56	55.98
	Talang	17.45	17.30	19.70	22.83	54.36	24.22	28.59	32.42	55.64	72.61	54.27	85.20	484.59
35	Bilis	2,491.79	2,417.22	3,806.71	2,396.64	2,626.80	2,483.61	2,729.89	2,222.62	1,920.56	1,831.35	1,539.18	943.52	27,409.89
	Parang-perang	300.36	277.03	295.37	299.78	330.47	308.69	324.32	340.20	278.11	253.96	304.12	245.30	3,557.71
	Tamban	386.62	668.32	518.55	582.51	604.77	616.33	1,015.83	1,045.61	785.33	367.75	408.99	608.65	7,619.16
	Bulan-bulan	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Ayal/Kayu/Tongkol	148.50	137.56	108.82	401.10	351.06	119.71	261.34	536.04	261.91	128.86	164.87	59.89	2,679.66
	Layaran/Mersuji	6.52	2.83	25.77	16.60	12.73	14.35	6.75	4.66	10.91	8.88	6.18	4.07	120.25
37	Kembong/Temenong	4,778.13	4,087.81	4,973.82	6,886.84	6,327.06	5,696.22	6,263.27	8,555.42	4,925.92	3,626.36	4,095.69	4,377.15	62,593.69
	Tenggiri	415.12	511.60	424.85	470.76	506.07	467.84	443.23	433.42	491.77	362.43	398.72	244.09	5,169.90
	Timah/Layor/Selayor	60.23	23.15	31.44	23.54	43.87	40.02	37.80	82.54	85.41	88.37	61.75	188.91	766.83
38	Pari	206.04	222.06	281.76	266.49	240.24	229.24	247.71	298.03	337.58	220.70	271.29	241.58	3,062.70
	Yu	54.63	51.44	51.86	48.97	38.58	55.27	51.58	41.24	51.52	42.88	59.61	80.15	627.73
39	Ikan Baji	8,760.24	8,115.04	17,468.44	11,537.63	10,215.99	9,534.23	8,714.32	11,151.39	10,599.44	9,140.02	8,479.48	8,651.68	122,367.91
	Ikan Campur	477.98	417.50	800.28	701.21	570.64	775.89	748.92	758.06	815.68	699.76	757.28	616.97	8,140.17
	Jebong	6.45	4.00	5.81	14.74	17.27	20.18	225.02	27.12	71.42	45.24	31.96	41.49	510.70
42	Ketam	280.71	218.24	299.51	348.35	368.75	384.48	354.47	347.91	426.10	372.31	332.32	333.21	4,086.36
45	Udang Karang/Lubok	-	-	-	-	-	-	-	-	-	-	-	-	-
	Udang Besar	411.74	340.92	352.47	488.08	562.24	524.19	493.98	506.31	415.24	335.32	334.20	355.05	5,119.74
	Udang Sedang	1,281.66	1,070.30	1,522.05	1,158.31	1,333.47	1,272.30	1,320.02	1,473.47	1,420.51	1,311.94	1,365.18	1,434.87	16,064.08
	Udang Kecil	3,400.80	2,700.21	2,690.93	2,435.92	2,241.71	2,224.60	2,123.72	2,366.23	2,261.15	2,332.15	2,126.58	2,433.45	29,337.45
	Udang Baring	252.12	393.11	850.70	829.49	830.11	913.76	866.73	823.29	1,009.59	1,061.61	1,001.11	1,071.71	9,895.33
56	Karang	3,087.43	3,156.23	2,345.80	2,546.41	3,754.11	4,646.02	3,471.80	3,244.34	3,140.86	2,310.07	3,135.76	3,338.11	38,175.94
	Siput/Kepah/Kupang/Tiram	417.78	341.05	334.12	334.93	538.55	594.80	460.88	458.45	477.59	601.78	832.03	437.97	5,829.93
57	Sotong Kereta	21.81	16.33	11.30	30.08	10.28	23.27	30.07	23.96	23.92	7.78	8.04	9.38	216.22
	Sotong Katak	138.23	137.40	242.27	214.85	186.41	176.72	196.64	225.26	191.44	148.30	143.73	174.12	2,175.37
	Sotong Buasa	463.55	741.48	689.54	461.51	594.33	381.56	384.77	611.75	565.11	620.44	740.38	840.45	7,094.97
76	Ubur-ubur	-	-	-	-	-	-	133.09	2,350.39	1,211.07	-	-	-	3,694.55
Jumlah Ton M/Total Tonnes		32,398.03	29,996.12	44,710.42	38,690.28	38,253.97	38,045.86	37,583.08	43,264.85	40,212.77	31,890.25	33,796.17	33,341.09	442,172.99

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST PENINSULAR MALAYSIA

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983

LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	3.91	4.71	11.84	1.87	19.07	6.65	0.53	3.10	4.84	2.21	0.72	0.51	59.96
	Puput/B. Mata/Tirok	0.42	4.65	0.64	1.46	0.67	0.57	4.92	8.23	1.87	0.29	1.99	0.18	25.89
	Terubok	18.40	—	—	—	—	—	—	—	—	—	—	—	18.40
25	Siakap	9.68	4.66	7.49	6.96	2.63	11.71	13.64	17.84	0.86	—	—	—	75.47
31	Lidah	3.17	8.20	5.67	2.39	5.56	10.66	3.54	2.62	8.35	9.13	2.76	1.95	64.00
	Sebelah	3.17	8.89	6.94	4.85	7.68	10.31	4.34	4.61	6.33	6.46	5.08	2.51	71.17
33	Bayan	3.64	11.84	17.36	9.06	6.41	28.73	7.17	3.40	4.73	5.38	3.94	3.87	105.53
	Biji Nangka	24.56	32.08	35.28	66.47	89.93	128.21	127.84	141.49	118.71	114.95	59.17	22.29	960.98
	Daun Baharu	1.64	6.75	4.82	5.62	8.74	31.24	6.65	40.21	9.13	10.13	3.91	1.70	130.54
	Delah	21.00	38.40	75.73	68.78	90.22	41.83	97.83	116.59	84.80	82.63	62.63	25.29	805.73
	Duri/Pulutan/Utik	27.02	74.36	111.04	87.55	32.44	92.85	114.82	62.46	24.27	43.30	19.75	15.24	705.10
	Dengkis/Debam	54.35	70.28	70.06	71.37	104.12	92.88	230.75	320.13	224.52	104.84	44.57	20.10	1,407.97
	Gelama/Tengkerong	27.64	76.25	52.34	55.15	68.83	43.30	45.42	85.15	63.07	63.71	32.09	13.22	626.17
	Gerut-gerut	3.44	10.16	9.72	14.24	10.15	11.10	4.55	12.50	10.78	8.37	11.00	2.77	108.78
	Jenahak	—	11.12	2.15	6.03	5.02	9.32	1.87	0.09	5.94	1.63	—	—	43.17
	Kaci	10.63	47.35	20.30	57.12	19.05	55.67	26.49	24.64	26.30	20.37	20.12	12.05	340.09
	Kerapu	79.94	205.16	92.46	100.53	89.95	152.40	154.73	136.63	68.79	65.88	62.24	35.37	1,244.08
	Kerisi	391.35	330.34	310.35	410.21	509.50	702.91	469.58	528.12	404.52	590.77	254.84	136.94	5,039.43
	Kerisi Bali	—	—	—	—	—	—	13.16	6.49	6.16	3.96	—	—	29.77
	Kikek	10.28	31.95	40.09	25.92	42.27	53.04	39.64	31.73	39.18	74.14	31.87	14.71	434.82
	Malong	5.85	0.10	—	—	—	0.38	0.11	0.01	0.01	0.46	2.60	3.07	12.59
	Merah	140.14	230.95	98.39	98.68	102.44	108.25	196.38	128.27	89.01	105.01	58.07	41.01	1,396.60
	Mengkerong/Conor/Ubi-ubi	3.06	11.92	6.47	7.86	13.95	25.56	27.16	30.84	21.77	28.92	1.97	1.15	180.63
	Remong/Kunyit-kunyit	74.04	70.21	69.63	172.34	127.41	240.69	130.80	112.17	88.66	93.72	77.42	35.85	1,292.94
	Semilang	—	—	—	—	—	1.91	—	16.46	0.37	0.22	—	—	18.96
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	20.05	46.61	25.80	33.68	46.42	57.94	31.90	18.74	42.34	86.82	20.57	17.30	448.17
	Pasir-pasir	23.00	20.98	12.89	15.77	19.21	52.20	54.40	20.80	0.97	9.22	3.36	5.72	238.52

34	Alu-alu/Kacang-kacang	23.65	52.06	49.42	27.69	55.55	48.40	48.45	43.06	21.95	47.27	3.54	2.45	423.49
	Aruan Tasik	37.15	73.74	92.83	72.36	36.22	34.56	58.91	57.50	24.90	27.54	7.72	12.11	535.54
	Bawal	37.76	171.13	63.39	8.60	11.40	21.74	15.32	22.07	8.76	10.41	6.20	0.21	376.99
	Belanak/Kedera	1.00	—	—	—	—	9.17	—	—	—	—	—	—	10.17
	Cermin/Sagai/Cupak	2.26	24.01	12.67	39.09	61.59	157.95	35.76	15.73	41.77	30.12	139.39	6.39	566.73
	Cincaru	15.31	15.27	56.27	16.31	25.43	29.98	102.33	245.17	8.84	12.35	0.40	7.47	535.13
	Demudok/Rambai	42.99	104.58	86.59	159.05	159.53	72.70	114.36	128.34	77.92	47.50	28.57	27.88	1,050.01
	Kurau/Senangin/Senohong	—	9.21	5.13	1.71	7.33	7.31	1.48	2.04	6.87	2.86	—	0.02	43.96
	Pelata/Selar	268.67	719.93	848.30	1,495.62	1,063.67	1,469.40	2,322.74	897.27	1,203.72	962.41	520.06	103.72	11,875.51
	Selar Kuning/Lolong	564.23	836.30	1,169.46	1,197.61	1,911.72	1,938.55	2,253.09	1,956.70	2,175.20	1,393.20	391.88	237.69	16,025.63
	Selayang/Curut	300.49	398.01	530.86	636.17	1,106.99	978.92	1,763.13	1,209.08	1,097.14	740.13	350.71	0.25	9,111.88
	Pisang-pisang	48.65	32.47	16.56	7.24	19.27	21.52	31.57	30.88	33.86	35.12	19.27	18.17	314.58
	Talang	89.39	13.40	2.14	11.54	2.62	8.89	4.46	6.45	1.37	14.60	—	—	154.86
35	Bilis	20.85	843.77	339.21	1,403.51	544.11	575.68	742.28	923.83	1,120.80	821.94	—	—	7,335.98
	Parang-parang	29.68	101.16	103.82	77.83	88.90	70.85	52.28	82.54	45.76	26.66	20.54	23.08	723.10
	Tamban	648.87	2,131.35	2,120.07	1,869.11	1,262.92	1,548.75	1,075.63	828.05	1,132.96	2,209.88	93.67	114.49	15,035.75
	Bulan-bulan	—	—	—	—	—	5.63	15.40	—	12.23	27.63	0.34	0.87	62.10
36	Aya/Kayu/Tongkol	623.31	913.32	886.73	1,401.99	1,210.45	2,011.22	2,212.75	1,713.89	1,846.24	1,812.01	1,039.26	486.67	16,157.84
	Layaran/Mersuji	20.93	26.00	15.93	11.20	23.51	16.80	14.76	298.16	17.76	22.20	6.60	—	473.85
37	Kembong/Temenong	937.28	2,282.48	2,418.88	2,759.17	2,937.66	3,359.98	3,106.92	2,928.71	2,779.82	2,553.49	1,098.20	307.66	27,470.25
	Tenggiri	375.43	468.10	575.35	504.17	336.19	310.74	319.70	553.59	375.00	458.52	144.67	158.52	4,579.98
	Timah/Layor/Selayor	8.79	30.09	20.69	11.44	19.16	15.46	12.92	31.50	5.60	7.70	6.76	7.94	178.05
38	Pari	28.52	71.38	120.14	194.04	97.81	79.48	181.40	146.85	69.43	117.94	25.60	11.22	1,143.81
	Yu	43.60	108.71	126.47	115.26	92.73	121.83	800.15	145.60	83.58	69.09	15.79	17.40	1,740.21
39	Ikan Baja	723.99	1,159.96	1,335.96	1,606.32	1,611.41	1,919.49	1,615.06	1,941.14	2,041.96	1,844.71	1,023.45	507.78	17,331.23
	Ikan Campur	301.95	603.67	684.06	881.28	1,029.75	1,147.07	1,164.37	984.42	805.68	797.34	461.22	87.95	8,948.76
	Jebong	7.57	38.97	14.75	3.68	1.96	71.46	65.86	14.13	65.99	27.30	37.71	0.26	349.64
42	Ketam	7.04	10.44	5.04	7.02	26.81	34.55	410.03	60.21	59.11	38.01	17.20	5.79	681.25
45	Udang Karang/Lubuk	15.35	16.92	10.37	9.22	24.25	13.51	14.92	17.37	14.67	19.98	15.64	9.17	181.37
	Udang Besar	42.23	89.17	75.55	20.13	50.34	28.85	19.89	18.10	27.51	35.14	32.32	15.87	455.10
	Udang Sedang	66.75	141.49	146.93	42.81	51.31	34.12	20.21	26.76	30.59	47.00	33.97	34.49	676.43
	Udang Kecil	166.39	290.65	218.81	63.39	84.86	59.17	48.55	67.60	73.62	87.82	86.16	53.13	1,300.15
	Udang Baring	174.30	186.90	200.90	165.65	35.77	19.86	15.34	110.00	—	62.90	—	—	971.62
56	Kerang	38.00	35.00	22.00	19.00	23.16	116.08	92.32	—	8.85	—	—	—	354.41
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	0.18	—	—	0.12	—	—	—	—	0.30
	Sotong Katak	17.48	101.78	44.66	78.03	69.17	102.40	106.07	60.97	51.06	74.58	28.33	14.99	749.52
	Sotong Biasa	28.18	181.31	422.29	754.81	562.99	369.61	136.42	154.79	149.71	269.54	30.54	11.71	3,071.90
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		6,718.42	13,640.65	13,929.69	16,995.96	16,068.39	18,801.99	20,803.05	17,595.94	16,876.51	16,287.41	6,466.38	2,698.15	166,882.54

PERLIS
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	2.90	2.45	2.51	2.45	2.18	2.31	2.25	2.34	2.24	2.85	2.91	3.22	30.61
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	12.24	13.06	11.92	12.63	12.58	11.89	11.64	18.73	17.22	24.42	19.37	19.56	185.26
	Sebelah	1.36	1.71	1.75	1.42	1.48	1.30	2.04	2.44	2.51	2.44	2.43	2.28	23.16
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	3.48	3.50	2.76	2.57	2.55	2.61	2.57	2.51	2.48	2.52	2.61	2.80	32.96
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	13.69	13.75	13.07	13.17	13.10	13.12	12.44	14.18	14.23	13.04	11.40	9.68	154.87
	Gerut-gerut	8.89	8.59	7.64	7.99	7.87	7.87	8.07	8.29	8.34	8.33	8.28	7.42	97.58
	Jenahak	3.44	3.50	3.85	3.56	3.62	3.67	3.72	3.71	3.71	3.82	3.77	1.66	42.03
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	9.27	9.10	9.02	8.90	9.20	9.39	9.68	9.92	10.40	10.20	9.78	7.98	112.84
	Kerisi	3.45	3.17	3.37	3.22	3.22	3.22	3.35	3.34	3.17	3.25	3.15	3.14	39.05
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	3.91	4.00	3.71	3.53	3.47	2.70	3.34	3.56	3.29	2.94	2.89	2.46	39.80
	Merah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	6.17	5.56	5.50	4.78	4.45	4.56	4.41	3.38	3.27	3.14	3.11	3.15	51.48
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	3.69	2.96	3.45	4.71	4.64	4.40	5.07	8.28	8.47	4.82	4.71	4.96	60.16
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	1.55	1.60	1.21	0.87	0.75	0.69	1.10	1.04	1.14	1.12	1.10	1.14	13.31
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	27.08	60.25	53.86	47.49	40.39	39.94	36.57	38.12	31.19	26.72	26.24	24.66	452.51
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cincaru	138.21	146.77	146.11	147.30	137.96	135.68	129.22	130.39	127.04	133.24	135.18	131.76	1,638.86
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	3.97	3.25	2.78	3.10	3.36	4.10	4.21	4.04	3.27	2.83	1.37	1.44	37.72
	Pelata/Selar	160.22	158.86	158.64	160.21	156.47	153.47	153.92	154.63	157.50	156.61	151.74	153.18	1,875.45
	Selar Kuning/Lolong	116.50	114.22	114.98	115.84	112.48	109.61	107.59	111.54	108.64	109.48	108.59	109.45	1,338.92
	Selayang/Curut	693.17	696.20	693.46	677.99	680.53	677.85	660.24	658.89	652.60	660.20	656.93	654.38	8,062.44
	Pisang-pisang	—	—	—	—	6.94	6.48	—	7.45	8.09	8.28	9.88	8.56	55.68
	Talang	—	—	—	—	—	—	—	—	—	—	—	—	—
35	Billis	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	26.95	27.00	25.97	25.21	24.07	22.78	21.68	19.28	16.12	15.50	12.67	12.10	249.33
	Tamban	254.76	255.75	254.20	250.53	244.64	224.66	228.97	228.60	211.98	214.02	216.91	213.44	2,798.46
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	57.41	47.54	42.54	38.44	32.45	32.18	31.71	31.82	33.30	33.46	30.57	24.28	435.70
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	1,339.90	1,274.19	1,287.39	1,309.39	1,327.75	1,307.04	1,273.00	1,267.18	1,225.38	1,232.08	1,238.04	1,232.65	15,313.99
	Tenggiri	24.45	23.97	22.60	21.26	20.93	19.09	19.37	17.80	16.52	14.97	12.33	11.95	225.24
	Timah/Layor/Selayor	3.04	3.00	2.91	3.07	3.15	3.21	2.75	2.64	2.70	2.35	2.53	2.48	33.83
38	Pari	9.88	11.26	13.22	12.80	12.66	12.19	10.48	10.62	10.02	19.18	16.31	13.78	152.40
	Yu	6.05	6.05	5.55	4.91	4.57	4.47	3.59	3.27	2.69	2.05	1.16	—	44.36
39	Ikan Baja	352.31	329.04	381.97	377.83	374.48	359.06	333.13	316.55	308.57	272.39	272.12	268.95	3,946.40
	Ikan Campur	10.21	19.69	22.98	28.89	29.45	30.12	28.15	31.05	28.92	33.14	31.22	29.57	323.39
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	39.08	33.66	38.90	40.44	39.45	35.54	31.72	24.29	23.63	20.68	18.08	16.14	361.61
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	25.40	21.86	12.99	9.80	10.48	11.09	19.90	11.34	11.43	24.76	16.29	14.10	189.44
	Udang Sedang	42.94	41.54	121.46	71.71	68.87	65.57	81.76	88.41	72.62	81.61	68.50	61.15	866.14
	Udang Kecil	57.26	59.25	56.47	61.64	58.45	54.30	56.69	65.42	55.31	56.84	39.81	39.93	661.37
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	30.00	—	—	—	—	—	—	30.00
	Siput/Kepah/Kupang/Tiram	80.00	85.00	96.00	128.00	96.00	128.00	144.00	96.00	72.00	160.00	128.00	96.00	1,309.00
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	17.13	17.42	28.32	25.45	25.42	25.68	24.46	17.92	17.33	11.60	9.44	8.76	228.93
	Sotong Biasa	49.51	45.95	37.56	31.70	25.46	23.65	19.09	19.27	17.03	6.03	5.22	5.39	285.86
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		3,609.47	3,554.67	3,690.62	3,662.80	3,605.52	3,583.49	3,491.88	3,438.24	3,294.35	3,380.91	3,284.64	3,203.55	41,800.14

KEDAH
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	25.75	19.53	20.37	22.86	31.12	22.38	19.41	19.58	25.00	21.89	22.82	14.69	265.40
	Puput/B. Mata/Tirok	8.18	2.44	6.25	8.49	11.78	4.08	7.40	9.18	8.71	12.32	9.39	5.90	94.12
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	0.27	—	—	0.26	0.21	0.06	0.07	0.94	0.37	—	—	—	2.18
31	Lidah	90.29	68.12	72.83	79.31	80.58	89.74	86.36	83.80	93.59	13.95	21.61	8.78	788.96
	Sebelah	2.87	1.84	3.40	2.97	9.27	4.09	2.16	2.69	3.46	2.50	5.29	2.74	43.28
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	1.82	—	—	—	—	—	—	—	—	—	—	1.82
	Delah	2.61	2.04	3.02	1.29	1.36	1.55	1.60	16.48	12.27	11.09	9.21	8.41	70.93
	Duri/Pulutan/Utik	29.37	21.41	27.10	38.42	27.01	18.95	15.15	17.65	35.31	22.62	18.57	16.17	287.73
	Dengkis/Debam	—	—	—	0.58	—	—	—	—	21.41	22.04	29.27	27.41	100.71
	Gelama/Tengkerong	124.96	98.03	135.04	151.87	161.59	118.70	138.54	158.55	174.12	98.01	75.08	107.13	1,541.62
	Gerut-gerut	16.04	14.16	21.94	36.51	28.92	21.28	17.02	17.66	23.37	10.39	9.70	10.44	227.43
	Jenahak	12.13	9.05	13.36	14.23	14.46	12.38	12.67	42.68	30.97	12.22	11.45	10.77	196.37
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	32.17	32.75	45.50	53.85	45.70	44.41	37.14	45.61	46.43	30.40	32.39	28.96	475.31
	Kerisi	225.80	140.02	141.72	152.75	159.54	143.84	125.74	160.32	173.95	145.34	132.19	131.28	1,832.49
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	4.75	0.24	—	6.38	0.75	1.01	—	0.15	1.19	—	—	—	14.47
	Malong	34.17	16.87	35.59	61.62	54.33	43.08	30.34	39.64	50.23	36.30	23.09	18.55	443.81
	Merah	3.19	1.73	1.52	4.55	4.13	2.82	4.11	4.84	5.93	3.16	1.44	2.28	39.80
	Mengkerong/Conor/Ubi-ubi	59.67	33.77	10.26	70.69	34.14	41.82	48.77	60.82	70.65	9.63	6.29	5.76	452.27
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	27.63	26.59	31.85	45.86	21.50	22.26	21.46	25.41	38.70	26.81	26.66	26.39	341.12
	Shrumbu/Lamah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	12.76	14.35	15.32	22.16	14.28	10.16	12.70	14.33	26.28	16.91	17.07	12.50	188.82
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	17.24	12.36	26.63	64.66	33.43	20.42	21.19	14.77	33.66	22.05	15.51	21.10	303.01
	Aruan Tasik	4.58	1.07	1.68	5.66	1.32	0.90	2.26	3.88	5.85	5.48	4.63	2.53	39.84
	Bawal	43.63	42.46	78.66	61.76	67.37	51.75	43.33	48.22	49.54	43.67	50.08	41.34	621.81
	Belanak/Kedera	24.01	17.96	25.91	30.69	33.50	25.70	48.80	42.52	65.70	15.52	22.04	23.81	376.16
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cincaru	23.45	20.26	32.22	29.67	9.79	12.24	48.61	33.37	65.28	54.83	66.39	52.80	448.91
	Demudok/Rambai	7.97	5.81	10.77	26.77	20.13	13.43	7.93	13.54	14.34	0.64	0.72	0.87	122.92
	Kurau/Senangin/Senohong	2.33	2.30	1.71	1.80	3.48	2.16	1.98	1.22	2.62	1.00	0.41	0.40	21.41
	Pelata/Selar	43.76	15.46	40.82	34.65	29.14	20.83	19.50	26.31	52.92	38.20	47.39	45.97	414.95
	Selar Kuning/Lolong	23.29	16.89	7.45	26.05	18.73	15.67	14.17	24.00	29.41	22.02	31.34	43.17	272.19
	Selayang/Curut	1.10	0.49	8.12	2.81	6.92	6.41	0.40	3.14	3.62	—	—	—	33.01
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	16.51	11.89	14.06	19.16	23.67	17.60	15.87	14.43	22.70	19.77	19.67	18.70	214.03
35	Bilis	2,376.33	1,994.61	2,802.82	1,743.95	2,063.63	1,975.51	2,278.58	1,987.33	1,729.15	1,686.42	1,454.03	864.41	22,956.77
	Parang-parang	60.53	44.63	54.67	57.25	65.95	53.56	50.54	56.74	58.27	35.90	31.81	33.14	602.99
	Tamban	86.72	77.30	59.85	121.24	55.29	63.89	66.31	94.73	100.45	64.92	80.73	43.87	915.30
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	4.66	63.76	0.55	30.02	68.26	—	—	—	22.17	—	109.78	35.40	334.60
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	2,041.23	1,585.39	2,205.60	2,855.78	1,588.29	1,705.64	1,827.93	1,911.33	1,488.15	1,787.85	1,937.52	1,671.56	22,606.27
	Tenggiri	66.31	75.87	91.03	85.55	90.25	90.18	76.78	97.27	110.17	94.96	95.35	28.61	1,002.33
	Timah/Layor/Selayor	50.52	19.34	16.48	16.56	37.12	32.60	26.34	43.18	36.33	26.88	25.05	12.27	342.67
38	Pari	48.67	49.51	46.94	76.65	67.29	68.62	65.29	76.40	100.37	30.83	37.28	25.78	693.63
	Yu	14.79	14.28	20.46	8.77	14.66	19.20	15.85	16.99	23.34	19.02	26.10	20.29	213.75
39	Ikan Baja	4,877.38	4,585.38	11,033.79	5,305.69	4,456.18	3,888.57	3,404.30	4,202.03	4,154.98	4,340.96	3,722.42	3,057.67	57,029.35
	Ikan Campur	90.36	85.64	97.22	106.48	93.50	82.67	92.43	93.22	95.15	70.38	61.25	48.13	1,016.43
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	37.65	36.36	40.66	63.75	109.49	45.13	42.03	48.57	54.66	34.01	35.17	27.46	574.94
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	143.06	135.60	144.68	147.48	134.45	86.72	84.08	95.26	87.59	70.62	77.56	70.50	1,277.60
	Udang Sedang	250.58	247.89	295.95	318.39	216.85	234.60	210.58	231.49	256.30	269.09	258.42	234.72	3,024.86
	Udang Kecil	569.01	421.46	482.08	557.19	319.49	346.43	312.52	368.88	416.57	407.43	356.74	346.26	4,904.06
	Udang Baring	3.62	2.94	2.93	3.01	2.27	2.56	2.64	2.85	3.05	3.45	3.59	3.60	36.51
56	Kerang	—	—	—	—	—	213.26	158.26	150.62	178.25	179.11	180.21	150.50	1,210.21
	Siput/Kepah/Kupang/Tiram	—	—	—	—	272.23	290.38	279.99	320.00	360.00	371.04	370.11	250.00	2,513.75
57	Sotong Kereta	21.81	16.33	11.30	29.72	9.35	23.06	29.63	23.56	23.77	7.30	8.04	8.91	212.78
	Sotong Katak	52.90	45.52	51.68	52.90	51.01	53.08	45.50	71.35	49.01	14.79	16.42	9.75	513.91
	Sotong Biasa	282.62	371.13	411.88	288.44	352.06	279.18	224.32	326.58	290.54	276.94	320.73	374.00	3,798.42
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		11,999.23	10,524.65	18,703.67	12,947.25	11,015.77	10,344.56	10,098.58	11,164.11	10,825.85	10,510.66	9,918.01	8,005.68	136,058.02

PULAU PINANG/*PENANG*
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	19.81	27.14	14.10	3.95	18.80	43.29	4.13	3.41	10.22	6.64	17.33	53.13	221.95
	Puput/B. Mata/Tirok	1.62	1.49	4.10	0.23	81.88	13.82	1.33	0.52	0.69	4.95	0.25	—	110.88
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	8.75	5.22	4.88	5.33	4.06	4.28	6.43	4.81	3.44	6.63	4.84	8.35	67.02
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	5.78	0.82	—	0.20	—	1.47	—	—	—	—	4.51	1.03	13.81
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	8.56	9.99	9.65	3.86	12.18	5.80	6.49	7.34	8.21	18.24	11.76	16.46	118.54
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	41.19	21.86	52.77	26.11	22.91	23.68	28.22	28.96	29.53	109.38	71.02	62.12	517.75
	Gerut-gerut	1.06	1.97	3.84	0.91	1.36	0.19	2.97	2.33	2.17	2.77	2.51	5.53	27.61
	Jenahak	0.98	1.26	1.36	5.30	3.68	3.54	2.63	5.71	2.01	2.68	2.13	2.37	33.65
	Kaci	0.10	0.07	—	—	—	—	—	—	—	—	—	—	0.17
	Kerapu	4.31	4.42	9.30	8.74	4.76	8.50	7.25	9.32	6.02	7.39	4.25	4.72	78.98
	Kerisi	6.63	5.38	6.19	2.49	7.04	6.87	8.93	6.40	3.95	6.98	5.26	4.03	70.15
	Kerisi Bali	0.34	0.42	1.36	1.70	1.97	4.71	2.40	4.76	3.73	2.55	1.55	1.94	27.43
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	4.46	0.66	2.59	1.68	3.85	4.31	1.35	2.00	11.04	11.78	4.61	13.38	61.71
	Merah	2.83	6.32	10.21	8.06	7.87	31.31	11.25	21.39	12.40	7.41	4.09	4.22	127.36
	Mengkerong/Conor/Ubi-ubi	2.85	1.94	0.94	1.57	0.33	2.79	4.32	4.86	1.80	2.76	4.34	6.28	34.78
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	1.01	0.96	—	—	—	—	—	—	—	—	1.97
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	1.09	0.80	2.01	0.58	1.54	—	0.67	0.76	1.22	2.97	1.52	2.08	15.24
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	22.96	19.21	951.61	187.01	121.10	58.97	116.81	132.79	47.19	44.49	38.56	63.16	1,803.86
	Belanak/Kedera	186.29	15.73	49.95	93.60	—	40.05	201.54	232.35	184.93	121.06	68.38	105.01	1,298.89
	Cermin/Sagai/Cupak	0.72	—	1.28	—	—	—	—	—	—	—	—	—	2.00
	Cincaru	1.21	—	12.04	—	18.36	42.06	0.75	51.25	36.01	31.13	48.64	1.52	242.97
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	6.63	4.54	6.14	5.04	7.53	10.86	11.31	12.61	1.80	5.90	5.11	8.79	86.26
	Pelata/Selar	2.02	10.57	18.27	—	0.54	29.59	26.33	—	—	—	—	—	87.32
	Selar Kuning/Lolong	—	—	—	—	0.48	—	—	—	—	—	—	—	0.48
	Selayang/Curut	—	154.85	367.24	391.51	152.54	707.29	529.87	97.20	50.18	—	—	—	2,450.68
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	—	—	—	—	—	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	7.40	4.53	34.41	2.22	8.48	6.89	7.09	10.66	9.64	12.71	4.20	4.47	112.70
	Tamban	2.26	29.24	24.59	0.62	279.72	86.64	329.71	450.10	369.26	10.03	52.10	69.10	1,703.37
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	20.98	1.13	0.58	32.00	19.34	0.80	0.64	—	0.28	0.24	—	0.21	76.20
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	30.87	203.51	339.29	1,177.96	1,043.61	514.94	1,538.70	1,018.55	911.98	115.09	40.88	313.15	7,248.53
	Tenggiri	13.89	4.34	12.10	0.74	4.34	1.56	2.81	6.86	9.98	11.35	10.43	2.08	80.48
	Timah/Layor/Selayor	3.40	0.67	—	2.68	1.06	2.25	1.55	3.10	11.37	4.91	10.82	22.04	63.85
38	Pari	5.91	10.48	9.04	6.45	7.06	7.08	7.59	4.36	5.09	6.35	6.47	9.08	84.96
	Yu	0.44	1.07	0.74	1.07	0.40	0.65	1.12	0.41	0.41	0.78	2.89	4.23	14.21
39	Ikan Baja	416.98	744.19	423.07	384.59	429.58	411.58	282.04	287.34	342.29	411.99	447.29	701.25	5,282.19
	Ikan Campur	24.15	84.88	67.99	59.70	50.10	64.55	77.91	41.50	32.02	52.37	78.68	64.76	698.61
	Jebong	—	—	—	—	—	—	—	—	—	—	0.37	1.31	1.68
42	Ketam	47.69	34.88	34.99	35.88	39.38	40.14	44.44	37.68	33.49	36.22	25.28	36.19	446.26
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	25.21	20.83	36.17	39.66	44.69	25.01	39.10	42.93	36.66	21.00	16.01	81.98	429.25
	Udang Sedang	185.07	122.29	61.65	106.98	113.09	131.96	107.12	117.26	132.08	112.65	84.39	62.47	1,337.01
	Udang Kecil	85.84	113.46	112.90	98.66	138.21	175.68	124.44	84.43	86.94	127.13	124.76	135.26	1,407.71
	Udang Baring	81.54	58.41	48.02	4.90	8.91	36.60	53.82	50.52	68.52	51.48	42.82	12.72	518.26
56	Kerang	656.41	711.43	261.34	239.56	740.47	544.46	468.24	653.36	650.00	435.57	958.26	1,029.82	7,348.92
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	34.03	292.20	54.45	380.68
57	Sotong Kereta	—	—	—	—	0.76	0.11	—	—	—	0.48	—	0.47	1.82
	Sotong Katak	7.35	5.50	11.59	4.78	6.33	4.43	6.76	3.50	3.30	7.33	9.63	15.15	85.65
	Sotong Biasa	23.13	22.18	47.75	11.73	24.63	10.28	11.64	3.74	12.77	38.67	25.70	35.03	267.25
76	Ubur-ubur	—	—	—	—	—	—	133.09	3.63	—	—	—	—	136.72
Jumlah Tan M/Total Tonnes		1,968.71	2,467.68	3,057.06	2,959.01	3,432.94	3,108.99	4,212.79	3,448.70	3,132.62	1,886.09	2,533.84	3,019.34	35,227.77

PERAK
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Kumpulan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	28.27	51.67	8.54	50.57	35.92	89.87	80.02	124.50	94.67	51.43	38.63	71.15	725.24
	Puput/B. Mata/Tirok	46.88	12.46	18.70	8.68	15.88	10.29	6.25	30.41	27.10	33.59	131.97	132.74	474.95
	Terubok	—	0.41	3.30	—	0.06	—	0.06	0.19	8.49	—	0.08	0.37	12.96
25	Siakap	12.08	10.75	8.12	5.37	8.99	8.47	11.82	11.69	7.74	16.63	16.54	19.70	137.90
31	Lidah	1.40	3.49	18.70	9.31	13.44	9.20	4.00	10.45	5.11	5.81	12.70	11.36	104.97
	Sebelah	5.42	0.56	8.86	3.72	7.09	7.58	13.94	23.10	14.57	20.47	19.14	20.27	144.72
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	31.07	1.10	56.01	7.87	38.15	12.83	1.79	33.40	31.75	27.04	29.19	25.94	296.14
	Daun Baharu	0.25	0.07	—	0.17	1.12	2.18	3.47	14.38	6.02	2.96	2.21	12.23	45.06
	Delah	0.16	—	0.92	1.09	0.47	23.12	0.74	0.67	0.90	0.78	1.22	0.29	30.36
	Duri/Pulutan/Utik	45.38	34.67	75.74	80.96	90.93	141.20	140.94	108.78	85.58	105.13	91.59	71.05	1,071.95
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	0.09	0.40	0.49
	Gelama/Tengkerong	137.83	237.53	187.10	177.37	184.94	151.45	179.12	306.17	304.22	288.50	292.26	378.03	2,824.52
	Gerut-gerut	25.60	11.98	17.14	16.77	10.36	8.43	14.28	31.99	45.26	30.25	20.36	25.82	258.24
	Janahak	1.40	12.70	49.02	67.02	70.92	77.90	68.73	66.28	69.58	82.95	66.31	72.51	705.32
	Kaci	2.73	—	0.32	0.21	2.76	1.12	0.29	0.24	4.12	0.80	1.38	3.91	17.88
	Kerapu	47.92	31.61	53.50	86.93	83.60	81.46	79.17	130.50	114.27	102.77	126.92	87.11	1,025.76
	Kerisi	96.80	16.64	415.46	261.80	234.79	278.19	211.75	258.59	550.80	274.21	374.87	300.74	3,274.64
	Kerisi Bali	4.59	12.30	23.09	28.85	46.26	41.65	58.11	23.21	40.91	49.93	30.83	33.47	393.20
	Kikek	16.29	—	8.96	—	2.62	0.15	3.22	8.16	85.07	2.36	10.96	37.32	175.11
	Malong	4.93	1.57	11.94	2.84	2.09	13.31	9.10	15.71	13.45	19.68	39.78	33.89	168.29
	Merah	32.48	16.44	190.86	244.51	269.96	258.61	283.21	169.12	194.07	142.12	103.70	57.91	1,962.99
	Mengkerong/Conor/Ubi-ubi	41.22	25.91	167.66	25.01	91.75	33.95	31.53	26.77	38.67	25.16	22.82	33.97	564.42
	Remong/Kunyit-kunyit	36.40	—	19.87	1.40	6.61	1.13	1.73	0.83	1.65	0.85	1.64	2.33	74.44
	Semilang	110.78	67.22	43.89	71.89	77.79	46.36	40.12	93.23	66.39	107.09	80.44	101.71	906.91
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	17.09	11.95	17.33	36.63	29.15	20.89	23.35	47.87	24.62	19.43	35.38	34.87	318.56
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	21.64	9.39	82.42	25.21	34.64	44.58	59.38	59.31	133.06	57.61	38.95	55.90	622.09
	Aruan Tasik	21.99	3.05	1.71	1.18	1.77	1.61	3.95	9.72	6.24	0.85	3.15	1.72	56.94
	Bawal	53.91	78.38	156.77	204.72	247.25	110.24	134.43	112.31	110.64	139.97	102.25	59.94	1,510.81
	Belanak/Kedera	134.37	105.09	91.97	110.52	112.91	99.98	105.47	151.46	115.29	178.39	78.92	128.01	1,412.38
	Cermin/Sagai/Cupak	6.37	0.20	0.89	2.31	9.26	16.44	39.81	23.78	19.04	11.48	2.71	10.74	143.03
	Cincaru	90.75	12.53	106.36	74.07	254.59	146.78	492.82	1,123.72	1,622.55	467.46	1,416.72	623.79	6,432.14
	Demudok/Rambai	26.87	20.29	86.54	46.33	61.44	78.18	64.93	73.47	138.51	78.05	172.46	86.28	933.35
	Kurau/Senangin/Senohong	36.98	66.47	29.35	32.84	44.68	38.45	29.62	54.34	36.98	14.85	34.95	39.92	459.43
	Pelata/Selar	15.37	12.24	48.09	78.24	96.77	219.14	152.98	123.12	83.70	132.30	121.40	264.81	1,348.16
	Selar Kuning/Lolong	93.66	92.70	6.36	20.08	45.83	14.32	22.89	27.10	32.40	38.27	52.24	162.98	608.83
	Selayang/Curut	57.98	0.51	4.24	171.10	48.95	54.15	78.57	1.57	109.88	25.28	63.34	196.23	811.80
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	0.35	3.30	—	0.05	27.97	4.70	10.25	14.71	21.25	51.28	33.81	40.91	208.58
35	Bilis	107.36	422.25	998.19	648.81	553.37	504.99	451.19	223.14	190.87	142.82	84.79	57.13	4,384.91
	Parang-parang	34.08	56.38	49.12	38.20	62.14	61.36	43.48	34.63	29.27	27.17	41.62	47.23	524.68
	Tamban	32.51	289.46	150.63	181.52	2.97	206.86	362.83	180.04	91.64	51.76	37.41	240.54	1,828.17
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	65.45	25.13	65.15	282.84	226.44	86.73	228.99	498.14	145.27	84.92	24.52	—	1,733.58
	Layaran/Mersuji	6.52	2.83	25.77	16.60	12.73	14.35	6.75	4.66	10.91	8.88	6.18	4.07	120.25
37	Kembong/Temenong	868.78	563.58	606.30	939.11	1,311.75	1,291.73	718.75	1,622.72	987.16	320.54	738.18	1,059.39	11,027.99
	Tenggiri	94.49	140.11	54.02	42.52	121.66	107.05	72.01	81.82	80.11	57.38	71.83	69.69	992.69
	Timah/Layor/Selayor	2.61	0.14	12.05	0.26	2.42	1.72	5.69	31.19	31.43	42.91	22.57	136.40	289.39
38	Pari	50.80	20.24	77.81	81.08	75.42	50.70	69.91	92.45	102.22	91.20	116.30	99.03	927.16
	Yu	19.28	17.68	16.98	22.40	10.80	14.22	19.15	13.45	18.33	15.44	18.68	23.24	209.65
39	Ikan Baja	1,390.85	1,532.35	4,420.86	3,893.20	3,490.62	3,670.24	3,219.23	4,771.67	4,313.53	2,900.43	2,966.80	2,962.09	39,531.87
	Ikan Campur	179.86	100.59	482.55	309.37	245.07	459.88	358.04	477.56	541.36	441.65	433.99	361.81	4,391.73
	Jebong	6.39	4.00	5.81	14.73	16.97	18.92	225.02	22.31	67.55	45.24	31.53	34.94	493.41
42	Ketam	132.93	89.98	150.73	163.54	159.75	218.53	189.31	174.83	173.13	191.55	201.62	204.95	2,050.85
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	135.02	104.28	93.82	213.38	260.44	237.40	190.95	247.18	168.15	162.55	161.89	145.06	2,120.12
	Udang Sedang	514.15	343.17	789.86	326.29	662.49	597.00	416.20	856.83	638.31	629.97	709.08	712.82	7,196.17
	Udang Kecil	1,316.61	901.46	1,444.10	984.37	1,026.10	1,059.58	779.17	1,110.29	943.76	1,080.36	936.19	1,065.63	12,647.62
	Udang Baring	44.72	154.61	117.66	100.65	106.39	65.70	63.50	110.40	73.30	134.74	83.00	197.27	1,251.94
56	Kerang	1,819.02	1,807.80	1,404.46	1,528.05	2,330.14	3,108.30	2,114.64	1,687.46	1,598.61	963.03	1,171.77	1,367.09	20,900.37
	Siput/Kepah/Kupang/Tiram	25.19	23.59	20.88	22.61	20.12	19.24	15.47	14.15	20.16	15.73	13.74	18.34	229.22
57	Sotong Kereta	—	—	—	0.36	0.17	0.10	0.44	0.40	0.15	—	—	—	1.62
	Sotong Katak	23.61	17.00	75.24	64.00	57.18	58.54	60.61	70.99	85.37	79.68	74.58	88.81	755.61
	Sotong Biasa	80.92	183.32	111.26	84.80	143.84	43.97	71.03	182.91	197.18	272.75	351.21	381.66	2,104.85
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		8,258.36	7,765.13	13,192.98	11,914.31	13,210.69	14,045.02	12,144.20	15,820.07	14,772.32	10,366.43	11,969.39	12,517.51	145,976.41

SELANGOR
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	—	—	—	1.22	—	—	—	—	0.02	—	—	0.55	1.79
	Puput/B. Mata/Tirok	2.52	2.33	8.99	9.96	3.61	6.93	3.45	6.00	2.55	1.59	3.49	13.71	65.13
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	30.41	45.97	52.24	58.32	43.81	49.86	47.60	48.05	56.93	39.38	47.22	40.26	560.05
	Sebelah	0.57	2.13	9.39	3.63	0.75	2.72	1.26	1.58	1.84	0.97	1.28	2.11	28.23
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	0.03	—	—	0.03
	Daun Baharu	—	—	0.80	0.03	0.47	2.93	0.13	0.17	0.22	1.56	0.62	1.05	7.98
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	39.93	39.24	74.66	80.62	79.00	83.08	93.15	93.15	84.43	60.81	55.31	53.59	836.97
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	104.45	106.01	176.93	167.77	152.56	150.49	175.45	140.00	158.06	131.34	108.76	165.69	1,737.51
	Gerut-gerut	10.16	17.74	21.90	18.18	11.41	13.80	26.81	29.11	29.92	16.34	26.28	31.77	253.42
	Jenahak	5.36	4.96	9.57	29.17	26.93	20.93	24.47	21.82	16.55	19.30	23.23	9.51	211.80
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	6.59	10.74	5.15	6.60	3.03	5.50	7.32	8.48	10.19	10.58	8.75	6.07	89.00
	Kerisi	3.04	9.35	17.99	4.63	20.27	2.40	7.00	10.59	10.76	6.43	10.06	8.68	111.20
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	0.03	—	—	—	—	—	—	—	0.03
	Malong	36.08	38.53	29.03	62.64	50.18	41.16	46.60	40.63	41.18	38.79	49.70	64.30	538.82
	Merah	27.05	34.77	10.21	10.67	7.99	10.89	16.57	30.48	26.08	32.37	36.07	25.61	268.76
	Mengkerong/Conor/Ubi-ubi	33.93	24.40	22.86	8.30	12.69	5.70	6.22	16.49	11.86	40.13	40.96	9.40	232.94
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	2.65	1.15	4.42	4.43	6.91	6.44	5.78	4.55	11.09	6.31	7.27	8.38	69.38
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	2.07	1.04	0.02	1.62	0.36	0.22	0.44	5.77
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	10.95	12.02	11.87	10.90	3.21	6.03	12.03	9.89	25.59	4.90	4.19	5.96	117.54
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	46.69	58.51	62.16	104.60	114.89	56.17	56.46	59.94	65.57	38.85	53.90	48.31	766.05
	Belanak/Kedera	15.48	41.54	76.78	27.24	19.28	18.45	13.84	10.68	21.52	10.86	15.36	16.04	287.07
	Cermin/Sagai/Cupak	—	—	5.08	—	0.37	1.05	9.50	0.91	1.10	0.77	—	1.40	20.18
	Cincaru	33.69	44.33	33.31	54.29	30.25	16.57	170.41	10.73	426.07	209.56	400.72	135.10	1,565.03
	Demudok/Rambai	1.22	2.38	4.09	5.04	2.20	1.34	1.68	1.72	—	1.32	0.63	1.53	23.15
	Kurau/Senangin/Senohong	88.27	80.67	94.98	82.49	74.70	77.05	90.44	88.71	89.83	90.84	96.96	98.08	1,053.02
	Pelata/Selar	2.41	7.89	19.14	2.13	9.63	3.81	13.64	56.58	8.38	7.38	7.96	5.32	144.27
	Selar Kuning/Lolong	—	—	—	—	0.02	0.06	2.63	3.77	0.21	—	—	—	6.69
	Selayang/Curut	—	0.12	0.31	—	—	—	—	0.02	—	—	—	—	0.45
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	0.12	1.88	5.58	2.72	0.76	0.82	0.21	0.88	1.87	1.09	0.73	25.31	41.97
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	65.66	50.75	55.86	62.54	56.75	51.82	90.53	96.53	70.26	82.27	81.29	35.80	800.06
	Tamban	2.46	0.24	—	—	5.51	—	5.15	61.47	0.21	4.55	—	—	79.59
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	17.80	4.57	—	—	6.08	60.89	10.24	—	—	99.58
	Layaran/Marsuji	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	497.12	461.14	535.24	604.60	1,055.66	876.87	904.89	735.64	313.25	170.75	140.89	100.40	6,396.45
	Tenggiri	134.80	173.99	152.04	151.41	134.67	142.14	172.95	162.97	188.08	118.33	91.94	82.83	1,706.15
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	4.57	4.57
38	Pari	38.79	50.38	68.90	30.36	25.18	34.28	45.73	41.91	47.54	25.00	21.34	40.17	469.58
	Yu	8.93	9.58	6.31	10.92	6.75	15.99	10.97	5.32	5.85	4.50	8.90	30.16	124.18
39	Ikan Baja	1,173.15	779.45	1,083.32	1,041.38	1,036.26	980.18	937.27	941.06	1,100.61	894.10	858.45	1,051.93	11,877.16
	Ikan Campur	—	6.41	55.96	12.90	8.90	8.31	8.32	4.60	10.05	2.88	6.23	6.80	131.36
	Jebong	—	—	—	—	0.30	1.22	—	0.28	—	—	—	—	1.80
42	Ketam	16.92	16.23	21.51	31.89	30.07	32.02	37.50	48.41	115.84	79.40	44.69	35.51	509.99
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	53.92	40.43	49.17	55.00	51.11	52.13	57.92	49.63	50.90	26.67	26.58	24.74	538.20
	Udang Sedang	260.36	306.65	240.89	282.62	257.79	267.32	439.88	160.57	292.09	186.19	197.21	314.94	3,206.51
	Udang Kecil	1,136.74	1,123.73	520.03	425.78	430.85	419.70	616.61	429.57	556.98	454.62	499.18	472.83	7,086.62
	Udang Baring	122.24	176.07	682.09	718.83	712.54	725.84	662.67	615.71	679.58	653.92	642.15	710.69	7,102.33
56	Kerang	612.00	636.00	680.00	778.80	683.50	750.00	730.66	752.90	714.00	732.36	825.52	790.70	8,686.44
	Siput/Kepah/Kupang/Tiram	300.00	220.00	200.00	169.92	136.65	140.00	—	—	—	—	—	—	1,166.57
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	33.31	50.51	73.60	62.09	39.51	31.17	49.99	39.45	34.07	31.46	28.76	45.90	519.82
	Sotong Biasa	23.93	118.06	79.67	36.27	36.73	19.53	48.65	65.96	43.54	19.05	25.67	32.36	549.42
76	Ubur-ubur	—	—	—	—	—	—	—	2,346.76	1,211.07	—	—	—	3,557.83
Jumlah Tan M/Total Tonnes		4,981.90	4,806.28	5,262.03	5,248.69	5,388.25	5,134.77	5,653.38	7,259.77	6,598.25	4,268.15	4,498.47	4,558.50	63,658.44

NEGERI SEMBILAN
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISCCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. Total Tonnes
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	0.10	2.48	1.92	2.30	0.07	—	0.33	0.33	—	—	—	—	7.53
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	0.40	0.21	—	—	—	—	—	—	—	—	—	—	0.61
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	0.88	1.05	0.60	0.90	0.90	0.60	1.05	0.45	—	0.30	6.73
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	1.12	1.99	1.20	1.28	0.64	0.49	0.42	0.28	1.30	0.32	0.40	0.32	9.76
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	1.22	1.28	1.08	0.62	1.98	0.65	0.98	1.30	—	1.30	0.98	0.98	12.37
	Gerut-gerut	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	3.17	2.28	3.06	3.52	3.12	4.43	2.80	2.17	3.05	3.22	3.08	2.76	36.66
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	0.72	0.69	0.56	0.62	0.51	0.37	0.49	0.38	0.47	0.44	0.41	0.55	6.21
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	0.48	0.16	—	—	—	—	—	—	—	—	—	—	0.64
	Merah	1.46	1.26	1.18	1.50	0.80	0.45	0.49	0.32	0.37	0.25	0.20	0.31	8.59
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	0.95	—	—	—	—	—	—	—	—	—	—	—	0.95
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aruan Tasik	0.16	0.16	—	—	—	—	—	—	—	—	—	—	0.32
	Bawal	0.88	1.05	2.10	1.58	1.05	0.96	0.75	0.60	0.60	0.60	0.75	0.84	11.76
	Balanak/Kedera	1.73	—	—	0.12	—	—	—	—	—	—	—	—	1.85
	Cermin/Sagai/Cupak	0.53	0.35	0.18	0.18	0.30	0.45	0.15	0.15	0.24	—	—	—	2.53
	Cincaru	0.19	—	—	—	0.18	0.24	1.42	0.24	0.18	0.12	0.14	0.06	2.77
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	1.76	1.19	0.53	0.92	0.86	0.32	0.39	0.47	0.52	0.37	0.46	0.49	8.28
	Pelata/Selar	0.18	—	—	—	—	—	—	—	—	—	—	7.15	7.33
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	0.35	0.18	—	—	0.60	0.45	0.36	0.12	—	—	—	—	2.06
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	6.38	7.13	6.75	7.50	7.35	6.30	6.65	6.30	6.46	5.20	5.53	—	71.55
	Tamban	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	0.23	—	—	—	—	—	—	—	—	—	—	—	0.23
	Tenggiri	7.10	7.50	8.25	9.00	7.00	7.70	5.60	5.25	5.20	4.55	3.90	5.20	76.25
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Pari	4.80	5.60	5.05	5.85	5.05	3.55	2.43	1.42	2.05	1.56	1.58	1.96	40.90
	Yu	—	—	—	0.80	0.32	0.14	—	—	—	—	—	—	1.26
39	Ikan Baja	0.24	0.12	0.14	0.12	0.21	0.06	0.18	0.12	0.18	0.18	0.12	0.12	1.79
	Ikan Campur	7.66	7.66	5.81	5.60	7.76	8.69	7.20	5.37	4.92	4.63	4.33	4.09	73.72
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	0.45	0.48	0.60	3.02	1.05	0.55	0.45	0.40	0.50	0.45	0.40	0.42	8.77
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Sedang	2.88	1.92	2.82	2.87	4.47	5.11	3.97	2.17	1.78	1.85	1.90	2.47	34.21
	Udang Kecil	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		45.14	43.69	42.11	48.45	43.92	41.81	35.96	27.99	28.87	25.49	24.18	28.02	435.63

MELAKA/MALACCA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	0.25	—	1.50	3.00	1.30	2.60	0.65	0.78	—	0.54	0.68	1.62	12.92
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	0.40	0.24	0.10	0.24	0.50	0.15	0.10	0.05	0.08	0.06	0.04	0.06	2.02
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	12.75	21.95	14.83	11.54	8.60	8.25	7.07	6.05	6.93	5.62	6.74	7.20	117.53
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	9.50	8.83	7.48	10.74	11.51	8.18	4.44	4.45	3.98	3.59	4.73	3.91	81.34
	Gerut-gerut	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	4.60	7.69	8.63	6.74	6.45	7.00	4.80	4.15	4.60	4.62	4.78	4.85	68.91
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	1.71	2.25	2.25	1.80	1.80	1.80	0.90	0.90	0.90	1.08	1.35	1.62	18.36
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	—	1.35	0.90	—	—	—	—	—	—	—	—	—	2.25
	Merah	1.35	1.80	2.45	1.10	1.77	1.95	2.65	1.55	1.60	1.82	2.05	1.55	21.64
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—	—	—	—	—	0.15	—	0.15
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	0.15	0.10	0.08	0.05	0.12	0.11	0.07	0.06	0.03	0.03	—	0.07	0.87
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	0.90	1.35	0.90	0.90	0.90	0.90	—	—	—	—	—	—	5.85
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	3.06	2.52	3.30	3.74	2.70	2.40	2.40	2.22	1.80	1.56	1.62	1.80	29.12
	Belanak/Kedera	—	—	—	—	—	0.50	—	—	—	—	—	—	0.50
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cincaru	—	—	—	—	—	—	1.04	1.74	—	—	—	—	2.78
	Demudok/Rambai	0.90	—	1.35	1.35	0.90	0.90	0.90	—	0.45	—	—	—	6.75
	Kurau/Senangin/Senohong	4.45	4.46	3.90	3.46	4.08	3.55	2.38	1.02	3.23	3.23	3.38	3.01	40.15
	Pelata/Selar	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	0.05	—	—	—	0.65	1.60	0.95	0.57	—	—	—	3.82
35	Bitis	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	32.55	42.58	44.05	46.88	45.90	38.25	34.90	44.78	51.98	47.80	37.70	44.97	512.34
	Tamban	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tenggiri	36.60	45.35	52.40	56.50	50.70	43.05	33.85	35.38	38.38	37.70	29.35	36.62	495.88
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Pari	18.00	34.92	36.90	28.20	33.30	24.00	18.90	14.10	15.24	16.35	14.70	18.60	273.21
	Yu	1.08	0.45	—	—	0.90	0.60	0.90	1.80	0.90	0.90	0.45	0.90	8.88
39	Ikan Baja	4.50	2.22	2.63	3.08	2.30	1.83	1.90	1.35	1.05	0.82	0.68	0.44	22.80
	Ikan Campur	41.85	44.04	27.83	25.73	19.06	17.49	14.75	16.38	16.76	15.73	18.25	16.26	274.13
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—	—	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	3.45	3.75	4.50	8.00	9.35	7.65	5.60	4.38	3.20	3.52	3.68	4.00	61.08
	Udang Sedang	2.86	1.38	2.88	2.22	2.24	1.72	0.76	0.65	1.56	0.95	0.72	0.53	18.47
	Udang Kecil	1.14	0.72	2.20	2.25	2.13	2.31	2.29	4.03	4.33	4.25	3.05	1.57	30.27
	Udang Baring	—	1.08	—	2.10	—	15.00	23.49	15.50	21.80	12.92	4.50	—	96.39
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		182.05	229.08	221.06	219.62	206.51	190.84	166.34	162.27	179.37	163.09	138.60	149.58	2,208.41

JOHOR BARAT/*WEST JOHORE*
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	31.94	20.33	22.13	20.85	34.97	18.86	25.22	9.09	12.04	23.46	19.47	34.59	272.95
	Puput/B. Mata/Tirok	26.74	10.44	18.09	14.69	13.86	30.80	26.13	33.62	47.71	18.45	49.48	35.72	325.73
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	10.10	2.67	2.58	3.22	4.05	3.86	5.75	3.55	12.84	4.86	2.66	1.05	57.19
	Sebelah	—	—	0.60	0.18	—	0.12	0.06	—	—	—	—	—	0.96
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	3.88	0.91	0.60	0.38	3.68	—	1.45	—	—	1.35	8.34	5.10	25.69
	Daun Baharu	—	—	—	0.02	—	—	—	—	—	0.27	1.82	0.82	2.93
	Delah	—	—	—	14.63	—	—	—	—	—	—	—	—	14.63
	Duri/Pulutan/Utik	25.23	41.79	20.90	119.74	19.51	84.45	31.42	192.33	30.67	46.71	22.99	62.19	697.93
	Dengkis/Debam	—	—	—	0.60	0.42	0.12	0.18	—	—	—	—	—	1.32
	Gelama/Tengkerong	35.42	14.92	28.43	44.19	38.93	80.20	84.53	125.23	60.70	52.41	61.74	78.84	705.54
	Gerut-gerut	—	—	—	0.16	0.06	—	—	0.12	—	1.13	0.42	0.20	2.09
	Jenahak	3.70	3.29	2.01	15.71	31.59	19.22	27.58	13.36	5.72	11.48	7.87	7.51	149.04
	Kaci	—	—	—	—	—	—	—	—	—	2.17	—	—	2.17
	Kerapu	0.79	3.25	3.90	17.36	12.62	13.04	12.77	7.69	4.05	5.99	0.06	5.78	87.30
	Kerisi	—	—	—	1.57	1.57	—	1.87	—	—	—	—	—	5.01
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	30.05	6.53	15.27	25.16	22.25	67.78	54.87	16.41	12.77	15.40	36.58	30.79	333.86
	Merah	1.04	—	0.07	6.88	8.24	—	14.14	46.63	6.27	2.29	25.55	6.06	117.17
	Mengkerong/Conor/Ubi-ubi	5.02	0.06	0.61	3.40	5.14	3.54	3.21	2.52	1.83	5.51	12.95	8.92	52.71
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	13.18	3.94	0.06	0.18	0.06	10.61	10.25	15.37	20.30	19.61	—	—	93.56
	Shrumbu/Lemah	—	—	—	0.12	—	0.12	0.12	—	—	—	—	—	0.36
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	—	—	—	0.91	1.39	0.97	1.70	6.33	—	1.13	—	1.20	13.63
	Aruan Tasik	—	—	—	—	0.12	—	—	—	—	—	2.41	0.72	3.25
	Bawal	12.79	15.69	10.48	22.78	16.25	273.95	39.97	35.33	6.05	27.12	4.57	40.21	505.19
	Belanak/Kedera	0.24	2.14	—	—	0.24	—	3.86	0.49	0.42	0.76	0.06	0.12	8.33
	Carmin/Sagai/Cupak	—	—	0.19	0.91	1.94	0.16	0.79	2.46	—	2.99	3.75	0.72	13.91
	Cincaru	4.90	1.09	8.35	10.60	12.04	20.96	24.07	7.37	2.06	10.84	21.66	3.09	127.03
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	6.33	2.66	1.70	39.95	27.87	2.79	19.24	16.08	29.93	25.20	22.57	19.08	213.40
	Pelata/Selar	0.06	—	1.06	1.91	3.83	0.36	10.55	3.54	0.18	0.70	12.71	2.51	37.41
	Selar Kuning/Lolong	—	—	—	—	—	—	—	0.43	—	0.16	0.67	0.03	1.29
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	0.30	—	—	—	—	—	—	—	0.30
	Talang	0.12	—	0.06	0.90	1.36	—	0.30	1.33	9.25	0.47	0.06	0.28	14.13
35	Bilis	8.10	0.36	5.70	3.88	9.80	3.11	0.12	12.15	0.54	2.11	0.36	21.98	68.21
	Parang-parang	66.81	44.03	24.54	59.98	59.83	67.73	69.45	71.28	36.11	27.41	89.30	67.59	684.06
	Tamban	17.91	16.33	29.28	28.60	16.64	34.28	22.86	30.57	11.79	22.47	21.84	41.70	294.27
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Marsuji	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—	—	—	—	0.05	0.18	—	0.23
	Tenggiri	37.48	40.47	32.41	103.78	76.52	57.07	59.86	26.07	43.33	23.19	83.59	7.11	590.88
	Timah/Layor/Selayor	0.66	—	—	0.97	0.12	0.24	1.27	2.43	3.58	11.32	0.78	11.15	32.52
38	Pari	29.19	39.67	23.90	25.10	14.28	28.82	27.38	56.77	55.03	30.23	57.31	33.18	420.86
	Yu	4.06	2.33	1.82	0.10	0.18	—	—	—	—	0.19	1.43	1.33	11.44
39	Ikan Baja	544.83	142.29	122.66	531.74	426.36	222.71	536.27	631.27	378.23	319.15	211.61	609.23	4,676.35
	Ikan Campur	123.89	68.59	39.94	152.54	116.80	104.18	162.12	88.38	86.50	78.98	123.33	85.55	1,230.80
	Jebong	0.06	—	—	0.01	—	0.04	—	4.53	3.87	—	0.06	5.24	13.81
42	Ketam	5.99	6.65	12.12	9.83	9.56	12.57	9.02	13.73	23.85	10.00	7.08	12.54	132.94
45	Udang Karang/Lobok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	25.68	14.17	11.14	14.76	51.72	104.19	96.43	55.59	57.31	26.20	32.19	14.67	504.05
	Udang Sedang	22.82	5.46	6.54	47.23	7.67	69.02	59.75	16.09	25.77	29.63	44.96	45.77	380.71
	Udang Kecil	234.20	80.13	73.15	306.03	266.48	166.60	232.00	303.61	197.26	201.52	166.85	371.97	2,599.80
	Udang Baring	—	—	—	—	—	68.06	62.61	28.31	163.34	195.10	225.05	147.43	889.90
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	12.59	12.46	17.24	14.40	13.55	17.18	21.42	28.30	25.43	20.98	27.98	19.18	230.71
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	3.93	1.45	1.84	5.63	6.96	3.82	9.32	22.05	2.36	3.44	4.90	5.75	71.45
	Sotong Biasa	3.44	0.84	1.52	8.57	11.61	4.95	10.04	13.29	4.05	7.00	11.85	12.01	89.17
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		1,353.17	604.94	540.89	1,680.15	1,350.37	1,596.48	1,779.95	1,943.70	1,381.14	1,289.43	1,429.04	1,858.91	16,808.17

KELANTAN
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	—	—	6.93	—	—	—	—	—	—	—	—	—	6.93
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	0.30	0.68	0.04	0.44	0.79	2.25	—	—	—	—	0.02	—	4.52
	Sebelah	0.10	2.75	1.67	0.25	1.41	—	0.18	0.38	0.89	—	0.45	0.22	8.30
33	Bayan	—	—	0.11	—	—	—	—	—	—	—	—	—	0.11
	Biji Nangka	1.17	0.94	2.17	2.40	6.09	9.35	5.77	13.29	14.62	8.98	8.05	0.25	73.08
	Daun Baharu	—	0.45	0.47	0.02	0.55	—	—	—	0.29	—	0.73	—	2.51
	Delah	—	—	—	—	—	0.75	—	—	—	—	—	—	0.75
	Duri/Pulutan/Utik	0.25	0.75	0.79	1.44	1.42	—	0.62	—	0.44	—	—	—	5.71
	Dengkis/Debam	—	0.80	0.37	1.11	1.02	0.73	1.23	0.30	—	0.83	—	—	6.39
	Gelama/Tengkerong	11.12	8.99	6.10	6.28	9.96	8.61	10.54	8.99	9.70	8.24	6.36	0.11	95.00
	Gerut-gerut	1.56	1.80	4.62	2.26	3.14	0.83	0.85	1.39	3.38	1.49	1.45	0.20	22.97
	Jenahak	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kaci	—	0.15	—	0.01	0.02	0.01	0.02	0.10	0.06	0.08	0.03	—	0.48
	Kerapu	1.21	1.97	1.80	3.03	2.89	3.33	2.10	1.25	0.51	1.18	0.39	0.10	19.76
	Kerisi	9.49	9.78	9.80	5.91	12.24	11.02	9.99	15.88	14.52	17.45	11.11	1.19	128.38
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	2.35	9.86	12.81	5.64	10.48	8.33	7.15	7.54	7.16	7.01	7.23	—	85.56
	Malong	0.15	0.04	—	—	—	0.02	—	—	—	—	—	—	0.21
	Merah	1.30	2.30	0.04	2.82	3.07	4.80	4.30	4.72	3.90	3.57	2.62	—	33.44
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	4.28	4.41	2.91	4.45	1.67	2.41	2.34	3.65	2.22	3.99	0.10	0.75	33.18
	Semilang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	5.23	—	—	—	—	—	—	—	0.02	—	—	5.25
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang=kacang	0.11	2.57	0.95	0.02	1.42	0.80	0.40	0.80	0.22	2.20	0.51	—	10.00
	Aruan Tasik	—	0.89	0.89	0.85	0.35	—	—	0.02	0.11	—	—	—	3.11
	Bawal	5.95	8.67	5.07	5.83	5.72	6.87	6.00	7.74	4.70	6.55	6.02	—	69.12
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cunak	0.15	1.10	0.30	0.30	0.29	0.59	0.26	0.10	0.35	0.12	0.27	—	3.83
	Cincaru	2.74	0.70	0.95	1.90	1.52	2.30	1.72	0.45	2.10	—	0.40	—	14.78
	Demudok/Rambai	3.84	3.14	3.75	1.84	1.20	2.75	2.70	3.65	3.44	2.35	2.80	—	31.46
	Kurau/Senangin/Senohong	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peiata/Selar	5.39	3.20	4.44	3.64	1.77	3.40	1.00	1.15	4.28	4.30	3.74	1.20	37.51
	Selar Kuning/Loiong	50.00	79.39	157.34	89.46	134.13	121.24	93.11	78.02	101.78	86.15	30.55	—	1,021.17
	Selayang/Curut	62.67	85.25	112.93	96.50	238.42	194.12	232.40	106.29	154.15	77.01	43.70	0.25	1,403.69
	Pisang-pisang	—	—	—	0.03	0.15	0.13	0.06	0.16	—	2.78	3.02	—	6.33
	Talang	—	—	0.22	—	—	—	—	—	—	—	—	—	0.22
35	Bilis	10.85	9.15	0.12	0.77	—	—	—	—	—	—	—	—	20.89
	Parang-parang	1.58	1.45	1.42	2.83	5.56	1.04	1.69	1.06	1.29	2.62	2.21	0.25	23.00
	Tamban	70.76	78.22	128.47	97.25	145.79	116.51	181.00	111.88	133.84	81.30	54.83	—	1,199.85
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	2.33	4.27	1.47	23.00	—	—	0.75	—	46.04	1.00	15.18	0.65	94.69
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	78.58	117.00	288.15	237.29	478.75	350.64	319.00	281.29	278.33	177.26	151.00	—	2,757.29
	Tenggiri	11.70	7.32	5.92	3.35	5.62	6.80	4.95	6.32	6.80	5.25	6.12	2.10	72.25
	Timah/Layor/Selayor	4.57	2.72	2.54	3.91	5.33	1.16	2.10	2.82	0.95	0.08	0.72	0.55	27.45
38	Pari	2.61	11.97	3.44	0.06	2.93	—	—	1.24	4.44	0.31	2.01	—	29.01
	Yu	0.41	0.26	0.02	—	—	—	—	0.04	0.06	—	0.02	—	0.81
39	Ikan Baja	0.07	0.82	1.95	0.24	1.48	0.34	0.11	19.57	7.77	0.43	5.69	—	38.47
	Ikan Campur	16.16	18.61	50.92	26.32	58.45	37.31	47.75	42.66	43.19	32.46	26.01	1.09	402.93
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	0.06	2.20	0.88	—	6.20	4.11	—	—	1.58	—	—	0.77	15.80
45	Udang Karang/Lubok	—	—	—	0.25	—	—	—	—	—	—	—	—	0.25
	Udang Besar	5.28	5.17	3.30	2.57	4.44	—	0.40	0.25	0.75	2.97	2.10	1.45	28.68
	Udang Sedang	4.41	4.79	1.25	—	—	9.07	11.33	5.72	1.85	0.65	0.25	4.68	44.00
	Udang Kecil	10.72	11.85	12.01	9.55	16.45	12.08	16.64	5.27	4.06	12.07	7.55	6.20	124.45
	Udang Baring	—	—	—	1.50	—	—	—	—	—	—	—	—	1.50
56	Kerang	—	—	—	—	—	109.00	87.00	—	—	—	—	—	196.00
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	0.44	1.65	1.10	—	—	—	—	0.42	0.10	0.10	—	0.22	4.03
	Sotong Biasa	6.19	13.35	55.09	72.26	10.45	9.06	14.34	30.22	30.08	14.24	1.94	—	257.22
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		390.85	526.61	895.52	719.58	1,181.17	1,041.76	1,069.80	764.63	889.95	565.04	405.18	22.23	8,472.32

TERENGGANU
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	18.40	—	—	—	—	—	—	—	—	—	—	—	18.40
25	Siakap	9.68	—	5.52	3.77	2.27	4.40	13.44	8.52	—	—	—	—	47.60
31	Lidah	2.21	2.56	2.63	1.95	3.96	4.22	2.62	2.34	5.14	6.03	2.74	1.54	37.94
	Sebelah	2.95	5.84	4.31	4.42	6.15	8.08	3.62	3.74	4.79	5.13	4.16	2.24	55.43
33	Bayan	2.64	7.84	12.25	6.06	3.24	4.23	3.51	3.12	4.17	3.24	3.84	3.48	57.62
	Biji Nangka	22.39	26.87	24.99	50.81	40.14	57.00	40.97	51.00	82.60	93.72	50.63	22.03	563.15
	Daun Baharu	0.58	2.74	3.30	3.39	3.92	2.05	1.23	3.93	6.27	2.92	3.18	1.70	35.21
	Delah	—	38.40	52.44	46.77	42.93	32.71	96.70	95.67	84.80	73.96	59.52	25.29	649.19
	Duri/Pulutan/Utik	13.51	29.29	71.96	61.80	23.28	24.86	42.38	24.35	15.79	16.82	15.55	11.95	351.54
	Dengkis/Debam	54.35	44.70	41.97	44.30	41.07	32.82	84.78	60.69	89.01	68.79	39.98	20.10	622.56
	Gelama/Tengkerong	8.13	8.47	17.27	18.19	16.76	20.62	12.38	13.09	12.87	22.11	13.60	7.55	171.04
	Gerut-gerut	1.88	7.16	3.05	5.80	5.55	7.32	3.70	10.72	5.16	4.08	9.55	2.57	66.54
	Jenahak	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kaci	7.63	40.92	12.03	49.87	16.74	19.08	21.22	21.78	21.65	11.80	19.83	11.73	254.28
	Kerapu	71.02	98.73	66.36	89.33	72.17	66.12	98.08	122.68	51.95	62.17	61.55	35.27	895.43
	Kerisi	273.86	243.16	180.89	226.26	302.55	282.32	271.31	339.95	277.95	305.71	182.54	93.52	2,980.02
	Kerisi Bali	—	—	—	—	—	—	13.16	6.49	6.16	3.96	—	—	29.77
	Kikek	4.67	9.11	23.40	12.64	15.51	20.43	19.09	18.66	28.78	28.23	24.31	14.40	219.23
	Malong	5.28	—	—	—	—	—	—	—	—	—	2.24	3.01	10.53
	Merah	132.13	127.12	82.01	85.64	81.47	68.54	172.41	116.55	65.77	92.70	55.45	41.00	1,120.79
	Mengkerong/Conor/Ubi-ubi	0.06	2.73	6.17	2.14	6.38	11.07	8.45	17.04	13.70	21.40	0.09	—	89.23
	Remong/Kunyit-kunyit	53.97	37.99	47.03	150.99	65.32	69.65	59.30	82.42	75.96	57.10	72.63	34.54	806.90
	Semilang	—	—	—	—	—	—	—	—	0.08	—	—	—	0.08
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	13.78	14.23	15.61	7.93	17.22	19.99	9.42	0.39	22.54	46.45	11.13	11.82	190.51
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	4.32	27.67	13.96	7.91	25.74	33.63	23.86	27.97	15.20	25.04	2.14	0.05	207.49
	Aruan Tasik	30.15	55.97	62.84	61.86	31.24	24.71	40.53	33.83	16.50	25.45	7.72	12.11	402.91
	Bawal	30.43	156.59	33.39	0.32	—	—	—	12.35	—	—	—	—	233.08
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak	2.11	0.45	5.27	23.40	36.32	26.73	16.59	2.03	31.71	15.91	131.03	5.59	297.14
	Cincaru	12.57	12.15	49.65	11.25	—	—	—	—	—	—	—	—	85.62
	Demudok/Rambai	32.15	85.29	68.29	88.37	90.25	57.88	68.33	46.64	28.20	30.55	25.50	27.46	648.91
	Kurau/Senangin/Senohong	—	—	—	—	2.27	—	—	—	—	—	—	—	2.27
	Pelata/Selar	212.47	615.01	758.46	1,072.50	936.45	929.94	1,260.38	756.11	1,076.32	885.08	467.80	84.63	9,055.15
	Selar Kuning/Lolong	278.08	617.52	589.08	665.85	756.94	916.00	1,329.62	1,074.29	823.80	744.18	308.43	176.11	8,279.90
	Selayang/Curut	195.06	263.19	270.22	280.73	593.92	305.11	1,013.96	788.07	760.90	452.11	307.01	—	5,230.28
	Pisang-pisang	48.65	32.47	14.62	6.87	16.45	14.10	30.09	29.77	32.69	29.51	16.22	18.03	289.47
	Talang	79.39	—	—	—	—	—	—	—	—	—	—	—	79.39
35	Bilis	—	834.62	333.09	1,392.74	521.48	514.84	699.48	884.58	1,085.55	809.41	—	—	7,075.79
	Parang-parang	27.08	76.26	64.95	47.19	58.90	47.31	28.04	33.68	16.72	10.43	18.06	22.70	451.32
	Tamban	37.47	1,688.00	1,226.64	931.94	579.01	1,278.43	559.12	554.49	491.26	321.63	28.16	105.05	7,801.20
	Bulan-bulan	—	—	—	—	—	—	15.40	—	—	—	—	—	15.40
	Aya/Kayu/Tongkol	469.74	701.63	569.28	1,031.07	1,016.52	1,326.10	1,296.38	1,558.47	1,553.74	1,486.90	1,001.68	486.02	12,497.53
	Layaran/Mersuji	8.56	15.21	13.93	11.20	19.61	16.80	14.76	38.32	17.16	22.20	6.60	—	184.35
37	Kembong/Temenong	612.39	2,004.54	1,873.81	2,002.57	2,049.06	2,377.00	2,517.10	2,306.69	2,251.83	2,202.02	935.34	299.06	21,431.41
	Tenggiri	202.95	269.08	229.18	331.48	250.67	264.34	284.93	454.37	323.79	314.64	138.50	150.73	3,214.66
	Timah/layor/Selayor	3.82	25.54	17.67	7.47	12.49	12.05	6.95	25.51	3.70	6.14	5.56	7.23	134.13
38	Pari	6.81	17.92	11.99	13.12	13.93	14.66	15.27	5.50	23.27	21.86	17.76	7.47	169.56
	Yu	36.58	85.05	77.36	71.41	72.38	77.38	52.44	94.06	29.52	34.90	11.37	15.34	657.79
39	Ikan Baja	350.07	611.14	599.51	619.02	711.82	883.33	760.10	1,068.98	1,364.58	900.70	835.58	345.68	9,050.51
	Ikan Campur	252.03	500.07	557.41	800.93	870.52	989.04	777.48	817.01	688.81	695.34	424.37	80.21	7,453.22
	Jebong	0.57	31.25	5.98	—	0.70	0.32	46.93	13.11	17.71	22.92	37.29	0.08	176.86
42	Ketam	1.81	1.37	2.14	4.78	6.27	6.92	6.48	14.40	11.99	8.00	11.01	4.05	79.22
45	Udang Karang/Lubok	3.79	11.84	5.15	8.67	9.56	8.48	11.12	13.38	11.00	8.57	14.06	7.32	112.94
	Udang Besar	4.62	37.88	35.85	5.24	8.13	4.47	5.87	3.54	8.12	4.06	20.20	10.41	148.39
	Udang Sedang	8.55	58.57	52.28	8.91	8.79	5.99	6.63	6.80	8.70	5.43	19.27	13.53	203.45
	Udang Kecil	23.98	125.22	67.64	26.44	22.17	14.20	16.95	27.82	39.45	15.65	46.49	21.34	447.35
	Udang Baring	174.30	186.90	200.90	164.15	—	—	—	—	—	—	—	—	726.25
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	4.10	52.56	16.71	36.25	33.86	33.96	51.87	31.16	30.84	21.77	26.58	12.42	352.08
	Sotong Biasa	9.02	140.01	258.69	604.46	469.65	229.27	22.66	7.55	29.04	24.66	17.58	5.41	1,818.00
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		3,862.74	10,088.83	8,759.13	11,210.16	9,991.73	11,168.50	11,957.09	11,733.61	11,667.24	10,071.38	5,513.83	2,261.77	108,286.01

PAHANG
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mai <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	1.00	—	—	—	—	—	—	—	—	—	—	0.45	1.45
	Puput/B. Mata/Tirok	—	—	—	—	—	0.03	—	—	—	—	—	—	0.03
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	2.00	—	1.23	—	8.32	—	—	—	—	11.55
31	Lidah	—	4.00	3.00	—	0.75	3.83	0.92	0.28	3.21	3.10	—	0.41	19.50
	Sebelah	—	—	—	—	—	0.29	—	0.01	0.05	0.31	0.05	0.05	0.76
33	Bayan	1.00	4.00	5.00	3.00	0.10	22.01	3.22	—	0.03	0.66	0.10	0.39	39.51
	Biji Nangka	1.00	3.00	8.00	4.00	0.21	51.69	30.98	39.44	3.22	7.11	0.01	0.01	148.67
	Dawn Baharu	1.00	—	1.00	—	0.06	26.52	0.76	32.47	2.13	3.22	—	—	67.16
	Delah	21.00	—	3.00	1.00	27.34	5.63	—	20.10	—	—	—	—	78.07
	Duri/Pulutan/Utik	7.00	3.00	—	20.00	0.83	61.59	59.97	14.24	0.94	9.22	0.50	1.61	178.90
	Dengkis/Debam	—	24.00	20.00	19.00	49.85	35.46	127.30	254.25	128.54	1.49	—	—	659.89
	Gelama/Tengkerong	3.00	10.00	12.00	4.00	4.17	8.61	18.75	52.87	6.74	21.54	1.43	3.75	146.86
	Gerut-gerut	—	—	—	6.00	0.90	—	—	—	2.24	2.30	—	—	11.44
	Jenahak	—	2.00	—	—	—	4.37	—	—	2.84	—	—	—	9.21
	Kaci	3.00	4.00	5.00	4.00	0.30	32.69	3.19	1.30	0.26	4.40	0.08	0.32	58.54
	Kerapu	7.00	8.00	22.00	6.00	5.79	67.90	48.79	8.32	6.43	—	—	—	180.23
	Kerisi	104.00	27.00	17.00	100.00	99.37	294.87	123.21	86.92	16.22	124.96	20.30	40.18	1,054.03
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	2.00	4.00	—	—	8.78	1.48	4.21	4.02	2.40	22.27	0.21	0.25	49.62
	Malong	—	—	—	—	—	0.36	0.11	0.01	0.01	0.40	—	0.06	0.95
	Merah	6.00	6.00	10.00	2.00	2.57	6.32	13.45	0.68	0.26	5.12	—	0.01	52.41
	Mengkerong/Conor/Ubi-ubi	3.00	—	—	1.00	—	—	13.34	6.61	0.88	—	0.73	1.15	26.71
	Remong/Kunyit-kunyit	15.00	19.00	12.00	10.00	55.94	141.97	57.10	17.68	2.95	21.42	0.22	0.50	353.78
	Semilang	—	—	—	—	—	1.91	—	16.46	0.29	0.16	—	—	18.82
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	5.00	9.00	1.00	1.00	1.63	6.54	11.95	6.08	6.19	28.38	1.94	4.16	82.87
	Pasir-pasir	23.00	13.00	8.00	11.00	14.07	49.42	54.40	19.59	—	8.68	3.36	5.36	209.88

34	Alu-alu/Kacang-kacang	16.00	4.00	18.00	3.00	10.78	0.35	17.40	1.90	0.59	9.27	0.59	0.76	82.64
	Aruan Tasik	7.00	12.00	8.00	6.00	—	9.85	16.25	23.65	—	—	—	—	82.75
	Bawal	—	4.00	8.00	1.00	0.17	3.35	0.64	1.44	0.55	0.96	—	0.21	20.32
	Belanak/Kedera	1.00	—	—	—	—	—	—	—	—	—	—	—	1.00
	Cermin/Sagai/Cunak	—	—	—	1.00	3.38	112.99	5.28	6.35	7.72	10.15	0.01	0.01	146.89
	Cincaru	—	—	—	—	—	1.16	88.42	228.20	5.37	1.49	—	7.15	331.79
	Demudok/Rambai	7.00	—	7.00	9.00	18.50	—	36.86	72.46	—	0.04	—	—	150.86
	Kurau/Senangin/Senohong	—	7.00	—	—	—	0.65	—	—	—	—	—	0.02	7.67
	Pelata/Selar	36.00	15.00	15.00	326.00	51.02	276.15	832.40	63.73	3.85	23.60	0.10	1.10	1,643.95
	Selar Kuning/Lolong	185.00	17.00	250.00	232.00	592.39	689.22	660.44	316.84	712.33	155.77	23.24	50.82	3,885.05
	Selayang/Curut	26.00	15.00	3.00	138.00	2.10	121.70	3.30	0.08	—	0.23	—	—	309.41
	Pisang-pisang	—	—	—	—	0.62	1.79	1.42	0.95	1.17	2.83	0.03	0.14	8.95
	Talang	10.00	7.00	—	11.00	—	0.03	3.61	5.53	0.05	2.75	—	—	39.97
35	Bilis	10.00	—	6.00	10.00	22.63	54.37	26.78	10.48	24.48	8.46	—	—	173.20
	Parang-parang	—	22.00	23.00	19.00	20.62	10.88	14.47	32.77	4.73	4.37	0.03	0.13	152.00
	Tamban	42.00	14.00	230.00	293.00	341.31	121.73	257.47	17.81	11.11	254.13	—	—	1,582.56
	Bulan-bulan	—	—	—	—	—	5.63	—	—	12.23	27.63	0.34	0.87	46.70
36	Aya/Kayu/Tongkol	139.00	35.00	68.00	48.00	156.90	338.49	897.36	5.12	1.42	—	—	—	1,689.29
	Layaran/Mersuji	—	3.00	2.00	—	3.90	—	—	259.84	—	—	—	—	268.74
37	Kembong/Temenong	10.00	11.00	25.00	70.00	60.66	72.30	10.96	38.91	3.69	21.37	—	3.94	327.83
	Tenggiri	75.00	42.00	76.00	31.00	51.79	8.28	10.89	20.32	4.12	5.16	0.05	2.06	326.67
	Timah/Layor/Selayor	—	—	—	—	0.26	0.01	0.09	0.01	0.02	0.06	—	0.04	0.49
38	Pari	13.00	24.00	95.00	138.00	54.39	36.76	146.60	136.36	30.96	74.15	0.33	2.36	751.91
	Yu	5.00	13.00	17.00	11.00	6.96	21.00	741.80	44.29	7.90	14.96	1.43	1.82	885.76
39	Ikan Baja	279.00	61.00	193.00	651.00	331.50	535.62	371.54	417.92	377.59	532.21	67.18	154.71	3,972.27
	Ikan Campur	32.00	35.00	36.00	37.00	32.15	54.76	297.77	93.43	38.93	35.75	3.58	6.05	702.42
	Jebong	7.00	2.00	4.00	2.00	—	65.67	13.13	—	46.28	—	—	—	140.08
42	Ketam	1.00	5.00	1.00	2.00	2.65	15.67	367.43	11.44	7.51	24.66	0.01	0.61	438.98
45	Udang Karang/Lubok	4.00	2.00	1.00	—	—	3.09	2.41	1.28	1.73	4.08	0.44	1.61	21.64
	Udang Besar	12.00	15.00	12.00	9.00	6.24	3.55	4.16	3.79	8.41	11.11	0.41	2.99	88.66
	Udang Sedang	27.00	33.00	40.00	29.00	0.42	0.64	1.95	3.01	2.40	18.99	0.78	14.71	171.90
	Udang Kecil	34.00	94.00	83.00	13.00	0.55	1.12	1.70	2.59	2.22	25.48	0.84	19.72	278.22
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	38.00	35.00	22.00	19.00	23.16	7.08	5.32	—	8.85	—	—	—	158.41
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	2.00	29.00	15.00	33.00	21.89	29.18	37.33	10.94	11.89	33.11	0.61	2.35	226.30
	Sotong Biase	12.00	2.00	3.00	21.00	29.58	17.76	15.42	33.76	23.56	47.38	2.91	6.18	214.55
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		1,233.00	698.00	1,388.00	2,357.00	2,119.18	3,445.55	5,462.25	2,454.85	1,547.09	1,614.89	131.84	339.02	22,790.67

JOHOR TIMUR/EAST JOHORE
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>													
	<i>Species</i>													
24	Kebasi/Selangat	2.91	4.71	4.91	1.87	19.07	6.65	0.53	3.10	4.84	2.21	0.72	0.06	51.58
	Puput/B. Mata/Tirok	0.42	4.65	0.64	1.46	0.67	0.54	4.92	8.23	1.87	0.29	1.99	0.18	25.86
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	4.66	1.97	1.19	0.36	6.08	0.20	1.00	0.86	—	—	—	16.32
31	Lidah	0.66	0.96	—	—	0.06	0.36	—	—	—	—	—	—	2.04
	Sebelah	0.12	0.30	0.96	0.18	0.12	1.94	0.54	0.48	0.60	1.02	0.42	—	6.68
33	Bayan	—	—	—	—	3.07	2.49	0.44	0.28	0.53	1.48	—	—	8.29
	Biji Nangka	—	1.27	0.12	9.26	43.49	10.17	50.12	37.76	18.27	5.14	0.48	—	176.08
	Daun Baharu	0.06	3.56	0.05	2.21	4.21	2.67	4.66	3.81	0.44	3.99	—	—	25.66
	Delah	—	—	20.29	21.01	19.95	2.74	1.13	0.82	—	8.67	3.11	—	77.72
	Duri/Pulutan/Utik	6.26	41.32	38.29	4.31	6.91	6.40	11.85	23.87	7.10	17.26	3.70	1.68	168.95
	Dengkis/Debam	—	0.78	7.72	6.96	12.18	23.87	17.44	4.89	6.97	33.73	4.59	—	119.13
	Gelama/Tengkerong	5.39	48.79	16.97	26.68	37.94	5.46	3.75	10.20	33.76	11.82	10.70	1.81	213.27
	Gerut-gerut	—	1.20	2.05	0.18	0.56	2.95	—	0.39	—	0.50	—	—	7.83
	Jenahak	—	9.12	2.15	6.03	5.02	4.95	1.87	0.09	3.10	1.63	—	—	33.96
	Kaci	—	2.28	3.27	3.24	1.99	3.89	2.06	1.46	4.33	4.09	0.18	—	26.79
	Kerapu	0.71	96.46	2.30	2.17	9.10	15.05	5.76	4.38	9.90	2.53	0.30	—	148.66
	Kerisi	4.00	50.40	102.66	78.04	95.34	114.70	65.07	85.37	95.83	142.65	40.89	2.05	877.00
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	1.26	8.98	3.88	7.64	7.50	22.80	9.19	1.51	0.84	16.63	0.12	0.06	80.41
	Malong	0.42	0.06	—	—	—	—	—	—	—	0.06	0.36	—	0.90
	Merah	0.71	95.53	6.34	8.22	15.33	28.59	6.22	6.32	19.08	3.62	—	—	189.96
	Mengkerong/Conor/Ubi-ubi	—	9.19	0.30	4.72	7.57	14.49	5.37	7.19	7.19	7.52	1.15	—	64.69
	Remong/Kunyit-kunyit	0.79	8.81	7.69	6.90	4.48	26.66	12.06	8.42	7.53	11.21	4.47	0.06	99.08
	Semilang	—	—	—	—	—	—	—	—	—	0.06	—	—	0.06
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	1.27	18.15	9.19	24.75	27.57	31.41	10.53	12.27	13.61	11.97	7.50	1.32	169.54
	Pasir-pasir	—	7.98	4.89	4.77	5.14	2.78	—	1.21	0.97	0.54	—	0.36	28.64

34	Alu-alu/Kacang-kacang	3.22	17.82	16.51	16.76	17.61	13.62	6.79	12.39	5.94	10.76	0.30	1.64	123.36
	Aruan Tasik	—	4.88	21.10	3.65	4.63	—	2.13	—	8.29	2.09	—	—	46.77
	Bawal	1.38	1.87	16.93	1.45	5.51	11.52	8.68	0.54	3.51	2.90	0.18	—	54.47
	Belanak/Kedera	—	—	—	—	—	9.17	—	—	—	—	—	—	9.17
	Cermin/Sagai/Cupak	—	22.46	7.10	14.39	21.60	17.64	13.63	7.25	1.99	3.94	8.08	0.79	118.87
	Cincaru	—	2.42	5.67	3.16	23.91	26.52	12.19	16.52	1.37	10.86	—	0.32	102.94
	Demudok/Rambai	—	16.15	7.55	59.84	49.58	12.07	6.47	5.59	46.28	14.56	0.27	0.42	218.78
	Kurau/Senangin/Senohong	—	2.21	5.13	1.71	5.06	6.66	1.48	2.04	6.87	2.86	—	—	34.02
	Pelata/Selar	14.81	86.72	70.40	93.48	74.43	259.91	228.96	76.28	119.27	49.43	48.42	16.79	1,138.90
	Selar Kuning/Lolong	51.15	122.39	173.04	210.30	428.26	212.09	169.92	487.55	537.29	407.10	29.66	10.76	2,839.51
	Selayang/Curut	16.76	34.57	144.71	120.94	272.55	357.99	513.47	314.64	182.09	210.78	—	—	2,168.50
	Pisang-pisang	—	—	1.94	0.34	2.05	5.50	—	—	—	—	—	—	9.83
	Talang	—	6.40	1.92	0.54	2.62	8.86	0.85	0.92	1.32	11.85	—	—	35.28
35	Bilis	—	—	—	—	—	6.47	16.02	28.77	10.77	4.07	—	—	66.10
	Parang-parang	1.02	1.45	14.45	8.81	3.82	11.62	8.08	15.03	23.02	9.24	0.24	—	96.78
	Tamban	498.64	351.13	534.96	546.92	196.81	32.08	78.04	143.87	496.75	1,552.82	10.68	9.44	4,452.14
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	12.24	172.42	247.98	299.92	37.03	346.63	18.26	150.30	245.04	324.11	22.40	—	1,876.33
	Layaran/Mersuji	12.37	7.79	—	—	—	—	—	—	0.60	—	—	—	20.76
37	Kembong/Temenong	236.31	149.94	231.92	449.31	349.19	560.04	259.86	301.82	245.97	152.84	11.86	4.66	2,953.72
	Tenggiri	85.78	149.70	264.25	138.34	28.11	31.32	18.93	72.58	40.29	133.47	—	3.63	966.40
	Timah/Layor/Selayor	0.40	1.83	0.48	0.06	1.08	2.24	3.78	3.16	0.93	1.42	0.48	0.12	15.98
38	Pari	6.10	17.49	9.71	42.86	26.56	28.06	19.53	3.75	10.76	21.62	5.50	1.39	193.33
	Yu	1.61	10.40	32.09	32.85	13.39	23.45	5.91	7.21	46.50	19.23	2.97	0.24	195.85
39	Ikan Baja	94.85	487.00	541.50	336.06	566.61	500.20	483.31	434.67	292.02	411.37	115.00	7.39	4,269.98
	Ikan Campur	1.76	49.99	39.73	15.03	68.63	65.96	41.37	31.32	34.75	33.79	7.26	0.60	390.19
	Jebong	—	5.72	4.77	1.68	1.26	5.47	5.80	1.02	2.00	4.38	0.42	0.18	32.70
42	Ketam	4.17	1.87	1.02	0.24	11.69	7.85	36.12	34.37	38.03	5.35	6.18	0.36	147.25
45	Udang Karang/Lubok	7.56	3.08	4.22	0.30	14.69	1.94	1.39	2.71	1.94	7.33	1.14	0.24	46.54
	Udang Besar	20.33	31.12	24.40	3.32	31.53	20.83	9.46	10.52	10.23	17.00	9.61	1.02	189.37
	Udang Sedang	26.79	45.13	53.40	4.90	42.10	18.42	0.30	11.23	17.64	21.93	13.67	1.57	257.08
	Udang Kecil	97.69	59.58	56.16	14.40	45.69	31.77	13.26	31.92	27.89	34.62	31.28	5.87	450.13
	Udang Baring	—	—	—	—	35.77	19.86	15.34	110.00	—	62.90	—	—	243.87
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	0.18	—	—	0.12	—	—	—	—	0.30
	Sotong Katak	10.94	18.57	11.85	8.78	13.42	39.26	16.87	18.45	8.23	19.60	1.14	—	167.11
	Sotong Biasa	0.97	25.95	105.51	57.09	53.31	113.52	84.00	83.26	67.03	183.26	8.11	0.12	782.13
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		1,231.83	2,327.21	2,887.04	2,709.22	2,776.31	3,146.18	2,313.91	2,642.85	2,772.23	4,036.10	415.53	75.13	27,333.54

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>						Perangkap-perangkap <i>Trap</i>								Jumlah
	Nama Tempatan <i>Local Name</i>	<i>Pukat Tunda Nets</i>	<i>Pukat Jerut Ikan Purse Seine-Fish</i>	<i>Pukat Jerut Bilis Purse Seine-Anchovy</i>	<i>Lain Pukat Tasik Other Seines</i>	<i>Pukat Hanyut Drift/Gill Nets</i>	<i>Pukat Tangguk Lift Nets</i>	<i>Belat-belat Stationary</i>	<i>Bubu Portable</i>	<i>Pancing Hooks and Lines</i>	<i>Pukat Bakul Bag Nets</i>	<i>Pukat Rentang Barrier Nets</i>	<i>Pukat Surung Push/Scoop Nets</i>	<i>Memungut Siput Shellfish Collection</i>	<i>Rampaian Miscel-laneous</i>	Jumlah Tan M. Total Tonnes
	<i>Species</i>															
24	Kebasi/Selangat	605.30	130.07	—	7.32	834.58	—	9.48	—	—	11.60	—	—	—	—	1,598.35
	Puput/B. Mata/Tirok	662.38	93.25	—	7.53	327.79	—	—	—	—	5.75	—	—	—	—	1,096.70
	Terubok	9.66	18.40	—	—	3.30	—	—	—	—	—	—	—	—	—	31.36
25	Siakap	6.03	—	—	—	119.19	—	—	38.34	53.25	1.37	—	—	—	—	218.18
31	Lidah	1,775.26	—	—	0.18	48.99	—	0.78	—	—	1.08	1.16	—	—	—	1,827.45
	Sebelah	252.54	—	—	—	58.92	0.06	—	—	—	—	—	—	—	—	311.52
33	Bayan	3.83	—	—	0.07	0.04	—	—	96.91	2.47	—	—	—	—	2.21	105.53
	Biji Nangka	922.33	—	—	3.29	14.73	1.10	—	347.48	7.72	—	—	—	—	—	1,296.65
	Daun Baharu	89.55	—	—	—	56.45	—	0.63	47.51	0.92	—	—	—	—	—	195.06
	Delah	8.91	1.00	—	—	17.03	—	—	790.69	33.12	—	—	—	—	70.90	921.65
	Duri/Pulutan/Utik	815.90	11.91	—	8.25	1,272.31	29.79	35.52	50.92	1,399.26	48.12	206.49	—	—	—	3,878.47
	Dengkis/Debam	140.46	—	—	—	8.73	16.41	—	1,338.63	4.80	1.46	—	—	—	—	1,510.49
	Gelama/Tengkerong	5,128.16	0.81	11.76	528.05	2,116.62	33.15	4.05	15.67	209.59	20.81	133.02	—	—	—	8,201.69
	Gerut-gerut	539.75	—	—	1.00	56.10	0.29	4.19	63.70	310.12	—	—	—	—	—	975.15
	Jenahak	243.63	—	—	—	16.42	—	7.66	513.81	705.43	—	—	—	—	—	1,486.95
	Kaci	71.94	—	—	—	2.18	—	—	251.13	35.06	—	—	—	—	—	360.31
	Kerapu	892.22	—	—	0.50	47.42	0.47	14.29	973.63	1,209.31	—	—	—	—	—	3,137.84
	Kerisi	7,341.33	—	—	1.84	10.92	6.85	—	730.55	2,280.48	—	—	—	—	—	10,371.97
	Kerisi Bali	79.48	—	—	—	—	—	—	191.02	179.90	—	—	—	—	—	460.40
	Kikek	542.37	26.50	—	0.46	33.36	3.19	6.37	0.52	1.43	10.23	—	—	—	—	624.43
	Malong	1,075.87	—	—	2.64	188.68	1.01	4.20	6.39	302.88	—	20.10	—	—	—	1,601.77
	Merah	517.39	8.00	—	—	0.09	0.04	—	1,566.17	1,843.40	7.82	—	—	—	—	3,942.91
	Mengkerong/Conor/Ubi-ubi	1,374.01	—	—	—	112.81	4.17	—	—	17.96	2.64	6.31	—	—	—	1,517.90
	Remong/Kunyit-kunyit	148.65	—	—	30.15	20.90	6.52	4.46	1,017.03	137.67	2.00	—	—	—	—	1,367.38
	Semilang	399.64	—	—	38.96	245.00	—	47.00	97.54	494.50	0.86	161.70	—	—	—	1,485.20
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	0.36	—	—	—	—	—	0.36
	Puntong Damar/Bulus	687.97	—	—	—	91.35	—	1.62	—	234.45	6.09	—	—	—	—	1,021.48
	Pasir-pasir	66.85	—	—	—	—	—	—	164.50	7.17	—	—	—	—	—	238.52

34	Alu-alu/Kacang-kacang	986.22	12.73	—	—	106.32	—	16.16	16.29	362.41	0.60	13.44	—	—	—	1,514.17
	Aruan Tasik	86.19	1.13	—	—	155.84	—	—	94.88	297.85	—	—	—	—	—	635.89
	Ikan Bawal	1,111.02	2,574.81	—	4.38	2,006.61	307.50	31.81	23.40	9.09	4.16	5.26	—	—	—	6078.10
	Belanak/Kedera	620.64	1,006.84	—	32.52	1,661.46	—	4.04	—	—	7.67	62.18	—	—	—	3,395.35
	Cermin/Sagai/Cupak	288.79	127.31	—	0.01	46.33	—	0.98	127.15	157.42	0.39	—	—	—	—	748.38
	Cincaru	1,737.70	8,362.01	—	0.57	568.63	3.47	3.61	1.70	317.93	—	—	—	—	—	10,995.62
	Demudok/Rambai	966.30	69.28	—	—	200.79	—	5.82	258.40	635.32	—	—	—	—	0.27	2,136.18
	Kurau/Senangin/Senohong	140.90	0.76	—	—	1,571.64	33.53	3.95	17.82	143.68	3.95	47.40	—	—	—	1,963.63
	Pelata/Selar	1,355.84	9,479.78	—	1.92	1,371.78	542.03	12.05	42.99	2,983.54	—	—	—	—	0.47	15,790.40
	Selar Kuning/Lolong	2,121.09	6,044.51	—	0.96	34.45	9,966.75	86.27	—	—	—	—	—	—	—	18,254.03
	Selayang/Curut	213.74	19,424.51	—	0.14	32.47	431.74	—	—	367.66	—	—	—	—	—	20,470.26
	Pisang-pisang	69.47	57.62	—	—	14.78	3.22	—	25.14	199.11	—	—	—	—	1.22	370.56
	Talang	183.45	13.73	—	—	275.72	—	22.96	8.35	133.94	—	1.30	—	—	—	639.45
35	Billis	137.07	—	34,029.55	—	16.04	—	528.53	—	—	34.68	—	—	—	—	34,745.87
	Parang-parang	1,043.54	—	—	0.04	3,144.81	55.04	26.57	—	8.26	2.55	—	—	—	—	4,280.81
	Tamben	1,051.50	17,753.18	2,282.56	—	281.78	636.47	196.84	—	397.30	55.28	—	—	—	—	22,654.91
	Bulan-bulan	46.70	—	—	—	15.40	—	—	—	—	—	—	—	—	—	62.10
36	Aya/Kayu/Tongkol	4.90	3,798.97	158.25	—	6,033.28	9.88	—	—	8,832.22	—	—	—	—	—	18,837.50
	Layaran/Marsuji	110.34	—	—	—	27.61	—	—	—	456.15	—	—	—	—	—	594.10
37	Kembong/Temenong	19,688.44	61,154.40	—	0.39	8,636.76	4.06	277.36	—	302.53	—	—	—	—	—	90,063.94
	Tenggiri	708.54	216.84	—	—	6,665.84	2.04	11.53	36.61	2,108.48	—	—	—	—	—	9,749.88
	Timah/Layor/Selayor	795.73	—	—	2.76	136.12	—	1.58	—	0.50	8.19	—	—	—	—	944.88
38	Pari	2,181.35	—	—	1.02	280.22	30.29	8.12	134.71	1,525.94	6.19	38.67	—	—	—	4,206.51
	Yu	597.70	0.42	—	—	1,324.51	1.01	—	6.85	427.34	—	10.11	—	—	—	2,367.94
39	Ikan Baja	118,261.68	747.66	7,343.74	6,634.74	3,046.49	—	785.96	452.77	4.31	2,088.49	8.05	325.25	—	—	139,699.14
	Ikan Campur	5,255.72	3,088.78	702.25	467.15	4,306.37	896.22	103.72	913.66	1,060.40	186.80	12.10	95.33	—	0.43	17,088.93
	Jebong	518.25	—	—	—	10.26	—	—	322.40	4.71	3.99	—	—	—	0.73	860.34
42	Ketam	1,410.65	—	—	62.31	2,171.80	14.47	275.70	76.89	—	9.57	14.18	—	—	731.04	4,766.61
45	Udang Karang/Lobok	151.51	—	—	0.25	7.24	—	—	8.16	—	—	—	—	—	14.21	181.37
	Udang Besar	1,394.56	—	—	178.65	3,856.31	—	3.28	—	—	57.82	21.22	63.00	—	—	5,574.84
	Udang Sedang	8,157.35	—	—	2,490.70	4,671.27	—	18.34	—	—	427.89	8.01	964.36	—	2.59	16,740.51
	Udang Kecil	15,447.09	19.04	—	6,540.46	2,419.21	—	245.50	—	—	4,273.76	30.24	1,653.86	—	8.44	30,637.60
	Udang Baring	—	—	—	946.83	—	—	1,326.23	—	—	7,987.22	11.33	595.34	—	—	10,866.95
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	38,530.35	—	38,530.35
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	5,829.93	—	5,829.93
57	Sotong Kereta	216.52	—	—	—	—	—	—	—	—	—	—	—	—	—	216.52
	Sotong Katak	2,566.22	—	—	—	23.66	—	14.15	316.51	—	4.35	—	—	—	—	2,924.89
	Sotong Biasa	8,210.39	532.76	—	—	271.47	—	94.01	51.19	77.12	49.36	—	—	—	880.57	10,166.87
76	Ubur-ubur	3,480.69	—	—	—	—	—	—	—	—	213.86	—	—	—	—	3,694.55
Jumlah Tan M/Total Tonnes		225,719.20	134,777.01	44,528.11	17,996.04	61,097.18	13,040.77	4,245.32	11,238.07	30,284.46	15,547.90	810.97	3,697.14	44,360.28	1,713.08	609,055.53

PANTAI BARAT, SEMENANJUNG MALAYSIA/WEST COAST, PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>					Perangkap-perangkap <i>Traps</i>					Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>							
	<i>Species</i>																
24	Kebasi/Selangat	583.21	130.07	—	7.32	808.54	—	9.25	—	—	—	—	—	—	—	—	1,538.39
	Puput/B. Mata/Tirok	646.58	93.25	—	7.53	323.45	—	—	—	—	—	—	—	—	—	—	1,070.81
	Terubok	9.66	—	—	—	3.30	—	—	—	—	—	—	—	—	—	—	12.96
25	Siakap	4.83	—	—	—	103.22	—	—	19.92	14.74	—	—	—	—	—	—	142.71
31	Lidah	1,711.26	—	—	0.18	48.99	—	0.78	—	—	1.08	1.16	—	—	—	—	1,763.45
	Sebelah	181.49	—	—	—	58.86	—	—	—	—	—	—	—	—	—	—	240.35
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	329.48	—	—	—	6.19	—	—	—	—	—	—	—	—	—	—	335.67
	Daun Baharu	57.79	—	—	—	6.73	—	—	—	—	—	—	—	—	—	—	64.52
	Delah	7.50	—	—	—	14.63	—	—	70.93	22.86	—	—	—	—	—	—	115.92
	Duri/Pulutan/Utik	732.40	—	—	8.25	966.78	29.77	34.80	39.39	1,108.69	46.80	206.49	—	—	—	—	3,173.37
	Dengkis/Debam	1.07	—	—	—	—	—	—	101.45	—	—	—	—	—	—	—	102.52
	Gelama/Tengkerong	4,712.61	0.81	—	517.64	2,026.75	26.35	0.06	3.19	148.42	6.67	133.02	—	—	—	—	7,575.52
	Gerut-gerut	508.07	—	—	—	45.11	—	4.00	24.79	284.40	—	—	—	—	—	—	866.37
	Jenahak	236.27	—	—	—	6.18	—	7.66	504.84	688.83	—	—	—	—	—	—	1,443.78
	Kaci	17.88	—	—	—	—	—	—	2.34	—	—	—	—	—	—	—	20.22
	Kerapu	815.74	—	—	—	45.91	—	14.29	457.43	560.39	—	—	—	—	—	—	1,893.76
	Kerisi	5,325.07	—	—	—	—	—	—	6.06	1.41	—	—	—	—	—	—	5,332.54
	Kerisi Bali	79.48	—	—	—	—	—	—	175.16	165.99	—	—	—	—	—	—	420.63
	Kikek	189.61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	189.61
	Malong	1,073.81	—	—	2.64	188.68	1.01	4.20	—	298.74	—	20.10	—	—	—	—	1,589.18
	Merah	414.23	—	—	—	—	—	—	945.97	1,178.29	7.82	—	—	—	—	—	2,546.31
	Mengkerong/Conor/Ubi-ubi	1,221.20	—	—	—	108.84	—	—	—	0.92	—	6.31	—	—	—	—	1,337.27
	Remong/Kunyit-kunyit	22.78	—	—	28.17	—	—	—	—	23.49	—	—	—	—	—	—	74.44
	Semilang	398.41	—	—	38.96	227.27	—	47.00	97.54	494.50	0.86	161.70	—	—	—	—	1,466.24
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	0.36	—	—	—	—	—	—	0.36
	Puntong Damar/Bulus	256.18	—	—	—	82.68	—	—	—	234.45	—	—	—	—	—	—	573.31
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	785.65	0.73	—	—	34.71	—	15.34	—	240.21	0.60	13.44	—	—	—	1,090.68
	Aruan Tasik	83.65	1.13	—	—	3.01	—	—	1.20	11.36	—	—	—	—	—	100.35
	Bawal	1,057.88	2,410.34	—	4.38	1,979.00	188.62	31.81	23.46	—	0.36	5.26	—	—	—	5,701.11
	Belanak/Kedera	620.64	1,006.84	—	31.52	1,661.46	—	2.54	—	—	—	62.18	—	—	—	3,385.18
	Cermin/Sagei/Cupak	177.84	1.17	—	—	2.53	—	—	0.11	—	—	—	—	—	—	181.65
	Cincaru	1,720.95	8,326.97	—	—	390.01	—	3.61	—	18.95	—	—	—	—	—	10,460.49
	Demudok/Rambai	962.58	0.14	—	—	—	—	5.47	—	117.98	—	—	—	—	—	1,086.17
	Kurau/Senangini/Senohong	137.20	0.76	—	—	1,538.98	33.53	3.95	17.68	140.17	—	47.40	—	—	—	1,919.67
	Pelata/Selar	1,229.02	2,543.15	—	—	133.14	—	9.40	—	0.18	—	—	—	—	—	3,914.89
	Selar Kuning/Lolong	872.32	1,356.08	—	—	—	—	—	—	—	—	—	—	—	—	2,228.40
	Selayang/Curut	211.69	11,146.69	—	—	—	—	—	—	—	—	—	—	—	—	11,358.38
	Pisang-pisang	0.30	55.68	—	—	—	—	—	—	—	—	—	—	—	—	55.98
	Talang	181.73	—	—	—	173.88	—	22.60	—	105.08	1.30	—	—	—	—	484.59
35	Bilis	80.21	—	26,833.02	—	6.04	—	490.62	—	—	—	—	—	—	—	27,409.89
	Parang-parang	990.16	—	—	—	2,486.46	54.16	26.57	—	—	0.36	—	—	—	—	3,557.71
	Tamban	1,043.73	6,262.89	—	—	248.33	—	64.21	—	—	—	—	—	—	—	7,619.16
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	4.30	2,477.91	—	—	183.42	—	—	—	14.03	—	—	—	—	—	2,679.66
	Layaran/Mersuji	110.34	—	—	—	9.91	—	—	—	—	—	—	—	—	—	120.25
37	Kembong/Temenong	19,554.83	37,509.55	—	—	5,252.31	—	276.77	—	0.23	—	—	—	—	—	62,593.69
	Tenggiri	665.82	7.29	—	—	4,370.50	1.84	10.53	—	113.92	—	—	—	—	—	5,169.90
	Timah/Layor/Selayor	744.95	—	—	2.76	17.99	—	1.13	—	—	—	—	—	—	—	766.83
38	Pari	1,576.38	—	—	1.02	143.32	30.29	8.12	132.58	1,132.32	—	38.67	—	—	—	3,062.70
	Yu	418.71	—	—	—	66.84	1.01	—	—	131.06	—	10.11	—	—	—	627.73
39	Ikan Baja	101,659.09	664.66	7,139.14	6,634.74	3,046.41	—	763.80	452.77	4.31	1,669.69	8.05	325.25	—	—	122,367.91
	Ikan Campur	4,294.55	125.74	—	456.26	2,427.66	17.12	96.33	164.34	322.41	128.33	12.10	95.33	—	—	8,140.17
	Jebong	401.09	—	—	—	—	—	—	109.61	—	—	—	—	—	—	510.70
42	Ketam	1,229.71	—	—	62.31	1,729.78	14.47	275.70	28.37	—	—	14.18	—	—	730.84	4,085.36
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	1,076.68	—	—	178.09	3,745.25	—	3.28	—	—	32.22	21.22	63.00	—	—	5,119.74
	Udang Sedang	7,649.15	—	—	2,490.08	4,556.22	—	18.34	—	—	375.33	8.01	964.36	—	2.59	16,064.08
	Udang Kecil	14,328.77	19.04	—	6,538.69	2,292.93	—	245.50	—	—	4,219.98	30.24	1,653.86	—	8.44	29,337.45
	Udang Baring	—	—	—	219.08	—	—	1,326.23	—	—	7,743.35	11.33	595.34	—	—	9,895.33
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	38,175.94	—	38,175.94
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	5,829.93	—	5,829.93
57	Sotong Kereta	216.22	—	—	—	—	—	—	—	—	—	—	—	—	—	216.22
	Sotong Katak	2,104.68	—	—	—	23.66	—	13.15	33.28	—	0.60	—	—	—	—	2,175.37
	Sotong Biasa	6,724.67	—	—	—	271.47	—	90.45	—	7.48	0.90	—	—	—	—	7,094.97
76	Ubur-ubur	3,480.69	—	—	—	—	—	—	—	—	213.86	—	—	—	—	3,694.55
Jumlah Tan M/Total Tonnes		195,932.79	74,140.89	33,972.16	17,229.62	41,867.33	398.17	3,927.49	3,412.41	7,586.17	14,450.11	810.97	3,697.14	44,005.87	741.87	442,172.99

PANTAI TIMUR, SEMENANJUNG MALAYSIA/EAST COAST, PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO	Jenis Ikan <i>Species</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>					Perangkap-perangkap <i>Traps</i>					Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>			
08	<i>Species</i>														
	24 Kebasi/Selangat	22.09	—	—	—	26.04	—	0.23	—	—	11.60	—	—	—	59.96
	Puput/B. Mata/Tirok	15.80	—	—	—	4.34	—	—	—	—	5.75	—	—	—	25.89
	Terubok	—	18.40	—	—	—	—	—	—	—	—	—	—	—	18.40
	25 Siakap	1.20	—	—	—	15.97	—	—	18.42	38.51	1.37	—	—	—	75.47
	31 Lidah	64.00	—	—	—	—	—	—	—	—	—	—	—	—	64.00
	Sebelah	71.05	—	—	—	0.06	0.06	—	—	—	—	—	—	—	71.17
	33 Bayan	3.83	—	—	0.07	0.04	—	—	96.91	2.47	—	—	—	2.21	105.53
	Biji Nangka	592.85	—	—	3.29	8.54	1.10	—	347.48	7.72	—	—	—	—	960.98
	Daun Baharu	31.76	—	—	—	49.72	—	0.63	47.51	0.92	—	—	—	—	130.54
	Delah	1.41	1.00	—	—	2.40	—	—	719.76	10.26	—	—	—	70.90	805.73
	Duri/Pulutan/Utik	83.50	11.91	—	—	305.53	0.02	0.72	11.53	290.57	1.32	—	—	—	705.10
	Dengkis/Dabam	139.39	—	—	—	8.73	16.41	—	1,237.18	4.80	1.46	—	—	—	1,407.97
	Gelama/Tengkerong	415.55	—	11.76	10.41	89.87	6.80	3.99	12.47	61.17	14.14	—	—	—	626.17
	Gerut-gerut	31.68	—	—	1.00	10.99	0.29	0.19	38.91	25.72	—	—	—	—	108.78
	Jenahak	7.36	—	—	—	10.24	—	—	8.97	16.60	—	—	—	—	43.17
	Kaci	54.06	—	—	—	2.18	—	—	248.79	35.06	—	—	—	—	340.09
	Kerapu	76.48	—	—	0.50	1.51	0.47	—	516.20	648.92	—	—	—	—	1,244.08
	Kerisi	2,016.26	—	—	1.84	10.92	6.85	—	724.49	2,279.07	—	—	—	—	5,039.43
	Kerisi Bali	—	—	—	—	—	—	—	15.86	13.91	—	—	—	—	29.77
	Kikek	352.76	26.50	—	0.46	33.36	3.19	6.37	0.52	1.43	10.23	—	—	—	434.82
	Malong	2.06	—	—	—	—	—	—	6.39	4.14	—	—	—	—	12.59
	Merah	103.16	8.00	—	—	0.09	0.04	—	620.20	665.11	—	—	—	—	1,396.60
	Mengkerong/Conor/Ubi-ubi	152.81	—	—	—	3.97	4.17	—	—	17.04	2.64	—	—	—	180.63
	Remong/Kuynit-kunyt	125.87	—	—	1.98	20.90	6.52	4.46	1,017.03	114.18	2.00	—	—	—	1,292.94
	Semilang	1.23	—	—	—	17.73	—	—	—	—	—	—	—	—	18.96
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	431.79	—	—	—	8.67	—	1.62	—	—	6.09	—	—	—	448.17
	Pasir-pasir	66.85	—	—	—	—	—	—	164.50	7.17	—	—	—	—	238.52

34	Alu-alu/Kacang-kacang	200.57	12.00	—	—	71.61	—	0.82	16.29	122.20	—	—	—	—	—	423.49
	Aruan Tasik	2.54	—	—	—	152.83	—	—	93.68	286.49	—	—	—	—	—	535.54
	Bawal	53.14	164.47	—	—	27.61	118.88	—	—	9.09	3.80	—	—	—	—	376.99
	Belanak/Kedera	—	—	—	1.00	—	—	1.50	—	—	7.67	—	—	—	—	10.17
	Cermin/Sagai/Cupak	110.95	126.14	—	0.01	43.80	—	0.98	127.04	157.42	0.39	—	—	—	—	566.73
	Cincaru	16.75	35.04	—	0.57	178.62	3.47	—	1.70	298.98	—	—	—	—	—	535.13
	Demudok/Rambai	3.72	69.14	—	—	200.79	—	0.35	258.40	517.34	—	—	—	—	0.27	1,050.01
	Kurau/Senangin/Senohong	3.70	—	—	—	32.66	—	—	0.14	3.51	3.95	—	—	—	—	43.96
	Pelata/Selar	126.82	6,936.63	—	1.92	1,238.64	542.03	2.65	42.99	2,983.36	—	—	—	—	0.47	11,875.51
	Selar Kuning/Lolong	1,248.77	4,688.43	—	0.96	34.45	9,966.75	86.27	—	—	—	—	—	—	—	16,025.63
	Selayang/Curut	2.05	8,277.82	—	0.14	32.47	431.74	—	—	367.66	—	—	—	—	—	9,111.88
	Pisang-pisang	69.17	1.94	—	—	14.78	3.22	—	25.14	199.11	—	—	—	—	1.22	314.58
	Talang	1.72	13.73	—	—	101.84	—	0.36	8.35	28.86	—	—	—	—	—	154.86
35	Bitis	56.86	—	7,196.53	—	10.00	—	37.91	—	—	34.68	—	—	—	—	7,335.98
	Parang-parang	53.38	—	—	0.04	658.35	0.88	—	—	8.26	2.19	—	—	—	—	723.10
	Tamban	7.77	11,490.29	2,282.56	—	33.45	636.47	132.63	—	397.30	55.28	—	—	—	—	15,035.75
	Bulan-bulan	46.70	—	—	—	15.40	—	—	—	—	—	—	—	—	—	62.10
36	Aya/Kayu/Tongkol	0.60	1,321.06	158.25	—	5,849.86	9.88	—	—	8,818.19	—	—	—	—	—	16,157.84
	Layaran/Mersuji	—	—	—	—	17.70	—	—	—	456.15	—	—	—	—	—	473.85
37	Kembong/Temenong	133.61	23,644.85	—	0.39	3,384.45	4.06	0.59	—	302.30	—	—	—	—	—	27,470.25
	Tenggiri	42.72	209.55	—	—	2,295.34	0.20	1.00	36.61	1,994.56	—	—	—	—	—	4,579.98
	Timah/Layor/Selayor	50.78	—	—	—	118.13	—	0.45	—	0.50	8.19	—	—	—	—	178.05
38	Pari	604.97	—	—	—	136.90	—	—	2.13	393.62	6.19	—	—	—	—	1,143.81
	Yu	178.99	0.42	—	—	1,257.67	—	—	6.85	296.28	—	—	—	—	—	1,740.21
39	Ikan Baja	16,602.59	83.00	204.60	—	0.08	—	22.16	—	—	418.80	—	—	—	—	17,331.23
	Ikan Campur	961.17	2,963.04	702.25	10.89	1,878.71	879.10	7.39	749.32	737.99	58.47	—	—	—	0.43	8,948.76
	Jebong	117.16	—	—	—	10.26	—	—	212.79	4.71	3.99	—	—	—	0.73	349.64
42	Ketam	180.94	—	—	—	442.02	—	—	48.52	—	9.57	—	—	—	0.20	681.25
45	Udang Karang/Lubok	151.51	—	—	0.25	7.24	—	—	8.16	—	—	—	—	—	14.21	181.37
	Udang Besar	317.88	—	—	0.56	111.06	—	—	—	—	25.60	—	—	—	—	455.10
	Udang Sedang	508.20	—	—	0.62	115.05	—	—	—	—	52.56	—	—	—	—	676.43
	Udang Kecil	1,118.32	—	—	1.77	126.28	—	—	—	—	53.78	—	—	—	—	1,300.15
	Udang Baring	—	—	—	727.75	—	—	—	—	—	243.87	—	—	—	—	971.62
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	354.41	354.41
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	0.30	—	—	—	—	—	—	—	—	—	—	—	—	—	0.30
	Sotong Katak	461.54	—	—	—	—	—	1.00	283.23	—	3.75	—	—	—	—	749.52
	Sotong Biasa	1,485.72	532.76	—	—	—	—	3.56	51.19	69.64	48.46	—	—	—	880.57	3,071.90
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		29,786.41	60,636.12	10,555.95	766.42	19,229.85	12,642.60	317.83	7,825.66	22,698.29	1,097.79	—	—	354.41	971.21	166,882.54

PERLIS
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>					Perangkap-perangkap <i>Traps</i>			Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat Jerut <i>Ikan Purse Seine- Fish</i>	Pukat Jerut <i>Bitis Purse Seine- Anchovy</i>	Lain Pukat <i>Tarik Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Belat-belat <i>Stationary</i>								
								Belat-belat <i>Stationary</i>	Bubu <i>Portable</i>							
	<i>Species</i>															
24	Kebasi/Selangat	—	—	—	—	30.61	—	—	—	—	—	—	—	—	—	30.61
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	185.26	—	—	—	—	—	—	—	—	—	—	—	—	—	185.26
	Sebelah	23.16	—	—	—	—	—	—	—	—	—	—	—	—	—	23.16
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—	—	—	—	32.96	—	—	—	—	32.96
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	125.87	—	—	29.00	—	—	—	—	—	—	—	—	—	—	154.87
	Gerut-gerut	34.37	—	—	—	—	—	14.08	49.13	—	—	—	—	—	—	97.58
	Jenahak	—	—	—	—	—	—	24.89	17.14	—	—	—	—	—	—	42.03
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	52.27	—	—	—	—	—	23.54	37.03	—	—	—	—	—	—	112.84
	Kerisi	39.05	—	—	—	—	—	—	—	—	—	—	—	—	—	39.05
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	39.80	—	—	—	—	—	—	—	—	—	—	—	—	—	39.80
	Merah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—	—	—	—	51.48	—	—	—	—	51.48
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	60.16	—	—	—	—	—	—	—	—	—	—	—	—	—	60.16
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	—	—	—	—	—	—	—	13.31	—	—	—	—	—	13.31
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	45.23	376.63	—	—	30.65	—	—	—	—	—	—	—	—	452.51
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupek	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cincaru	—	1,638.86	—	—	—	—	—	—	—	—	—	—	—	1,638.86
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	37.72	—	—	—	—	—	—	—	—	37.72
	Pelata/Selar	—	1,875.45	—	—	—	—	—	—	—	—	—	—	—	1,875.45
	Selar Kuning/Lolong	—	1,338.92	—	—	—	—	—	—	—	—	—	—	—	1,338.92
	Selayang/Curut	—	8,062.44	—	—	—	—	—	—	—	—	—	—	—	8,062.44
	Pisang-pisang	—	55.68	—	—	—	—	—	—	—	—	—	—	—	55.68
	Talang-talang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	89.32	—	—	—	160.01	—	—	—	—	—	—	—	—	249.33
	Tamban	—	2,772.56	—	—	—	—	25.90	—	—	—	—	—	—	2,798.46
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	397.92	—	—	23.75	—	—	14.03	—	—	—	—	—	435.70
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	15,050.16	—	—	77.70	—	186.13	—	—	—	—	—	—	15,313.99
	Tenggiri	31.69	—	—	—	168.83	—	—	24.72	—	—	—	—	—	225.24
	Timah/Layor/Selayor	33.83	—	—	—	—	—	—	—	—	—	—	—	—	33.83
38	Pari	90.07	—	—	—	—	—	—	62.33	—	—	—	—	—	152.40
	Yu	—	—	—	—	21.79	—	—	22.57	—	—	—	—	—	44.36
39	Ikan Baja	3,785.59	2.57	—	54.80	—	—	103.44	—	—	—	—	—	—	3,946.40
	Ikan Campur	186.11	23.37	—	16.73	52.94	—	6.48	14.92	22.84	—	—	—	—	323.39
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	128.50	—	—	5.01	80.61	—	—	—	—	—	—	—	147.49	361.61
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	126.49	—	—	7.82	55.13	—	—	—	—	—	—	—	—	189.44
	Udang Sedang	716.91	—	—	70.87	78.36	—	—	—	—	—	—	—	—	866.14
	Udang Kecil	661.37	—	—	—	—	—	—	—	—	—	—	—	—	661.37
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	30.00	—	30.00
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	1,309.00	—	1,309.00
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	228.93	—	—	—	—	—	—	—	—	—	—	—	—	228.93
	Sotong Biasa	251.84	—	—	—	—	—	34.02	—	—	—	—	—	—	285.86
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		6,935.82	31,594.56	—	184.23	818.10	—	355.97	77.43	263.10	—	84.44	—	1,339.00	41,800.14

KEDAH
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISCAAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>				Perangkap-perangkap <i>Traps</i>				Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>							
	<i>Species</i>															
24	Kebasi/Selangat	219.99	—	—	—	45.41	—	—	—	—	—	—	—	—	—	265.40
	Puput/B. Mata/Tirol	94.12	—	—	—	—	—	—	—	—	—	—	—	—	—	94.12
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	2.18	—	—	—	—	—	—	—	—	—	—	—	—	—	2.18
31	Lidah	788.96	—	—	—	—	—	—	—	—	—	—	—	—	—	788.96
	Sebelah	43.28	—	—	—	—	—	—	—	—	—	—	—	—	—	43.28
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	1.82
	Delah	—	—	—	—	—	—	—	70.93	—	—	—	—	—	—	70.93
	Duri/Pulutan/Utik	255.67	—	—	—	9.21	—	—	—	—	22.85	—	—	—	—	287.73
	Dengkis/Debam	0.58	—	—	—	—	—	—	100.13	—	—	—	—	—	—	100.71
	Gelama/Tengkerong	1,436.45	—	—	—	72.76	—	—	3.19	29.22	—	—	—	—	—	1,541.62
	Gerut-gerut	164.29	—	—	—	7.71	—	4.00	9.00	42.43	—	—	—	—	—	227.43
	Jenahak	104.09	—	—	—	—	—	7.60	23.43	61.25	—	—	—	—	—	196.37
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	300.23	—	—	—	44.10	—	14.23	16.12	100.63	—	—	—	—	—	475.31
	Kerisi	1,832.49	—	—	—	—	—	—	—	—	—	—	—	—	—	1,832.49
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	14.47	—	—	—	—	—	—	—	—	—	—	—	—	—	14.47
	Malong	422.16	—	—	—	—	—	4.20	—	17.45	—	—	—	—	—	443.81
	Merah	39.80	—	—	—	—	—	—	—	—	—	—	—	—	—	39.80
	Mengkerong/Conor/Ubi-ubi	452.27	—	—	—	—	—	—	—	—	—	—	—	—	—	452.27
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	186.74	—	—	—	45.64	—	—	—	43.56	—	65.18	—	—	—	341.12
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	121.65	—	—	—	—	—	—	—	67.17	—	—	—	—	—	188.82
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	289.86	0.73	--	--	--	--	12.43	--	--	--	--	--	--	303.02
	Aruan Tasik	39.84	--	--	--	--	--	--	--	--	--	--	--	--	39.84
	Bawal	344.89	28.87	--	--	163.09	37.91	23.59	23.46	--	--	--	--	--	621.81
	Belanak/Kedera	317.01	--	--	--	59.15	--	--	--	--	--	--	--	--	376.16
	Cermin/Sagai/Cupak	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Cincaru	267.55	177.75	--	--	--	--	3.61	--	--	--	--	--	--	448.91
	Demudok/Rambai	117.31	0.14	--	--	--	--	5.47	--	--	--	--	--	--	122.92
	Kurau/Senangin/Senohong	10.60	--	--	--	6.86	--	3.95	--	--	--	--	--	--	21.41
	Pelata/Selar	295.74	114.56	--	--	--	--	4.65	--	--	--	--	--	--	414.95
	Selar Kuning/Lolong	255.03	17.16	--	--	--	--	--	--	--	--	--	--	--	272.19
	Selayang/Curut	33.01	--	--	--	--	--	--	--	--	--	--	--	--	33.01
	Pisang-pisang	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Talang	124.38	--	--	--	67.05	--	22.60	--	--	--	--	--	--	214.03
35	Bilis	29.70	--	22,921.03	--	6.04	--	--	--	--	--	--	--	--	22,956.77
	Parang-parang	379.12	--	--	--	199.93	--	23.94	--	--	--	--	--	--	602.99
	Tamban	758.04	112.14	--	--	45.12	--	--	--	--	--	--	--	--	915.30
	Bulan-bulan	--	--	--	--	--	--	--	--	--	--	--	--	--	--
36	Aya/Kayu/Tongkol	--	334.60	--	--	--	--	--	--	--	--	--	--	--	334.60
	Layaran/Mersuji	--	--	--	--	--	--	--	--	--	--	--	--	--	--
37	Kambong/Temenong	17,083.59	4,791.70	--	--	640.34	--	90.64	--	--	--	--	--	--	22,606.27
	Tenggiri	325.68	--	--	--	635.43	--	10.53	--	30.69	--	--	--	--	1,002.33
	Timah/Layor/Selayor	341.54	--	--	--	--	--	1.13	--	--	--	--	--	--	342.67
38	Pari	582.39	--	--	--	--	--	8.12	6.89	96.23	--	--	--	--	693.63
	Yu	206.20	--	--	--	--	--	--	7.55	--	--	--	--	--	213.75
39	Iken Baja	47,827.15	--	7,139.14	438.78	448.78	--	149.42	448.37	--	577.71	--	--	--	57,029.35
	Ikan Campur	499.40	1.76	--	46.89	316.52	15.11	9.42	17.00	51.72	54.12	4.49	--	--	1,016.43
	Jebong	--	--	--	--	--	--	--	--	--	--	--	--	--	--
42	Ketam	394.88	--	--	--	78.71	--	--	--	--	--	--	--	101.35	574.94
45	Udang Karang/Lubok	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Udang Besar	413.32	--	--	12.37	828.16	--	2.49	--	--	21.26	--	--	--	1,277.60
	Udang Sedang	1,559.75	--	--	50.00	1,240.29	--	10.72	--	--	164.10	--	--	--	3,024.86
	Udang Kecil	2,924.98	--	--	287.07	1,210.01	--	23.98	--	--	458.02	--	--	--	4,904.06
	Udang Baring	--	--	--	--	--	--	--	--	--	--	36.51	--	--	36.51
56	Kerang	--	--	--	--	--	--	--	--	--	--	--	1,210.21	--	1,210.21
	Siput/Kepah/Kupang/Tiram	--	--	--	--	--	--	--	--	--	--	--	2,513.75	--	2,513.75
57	Sotong Kereta	212.78	--	--	--	--	--	--	--	--	--	--	--	--	212.78
	Sotong Katak	477.10	--	--	--	23.66	--	13.15	--	--	--	--	--	--	513.91
	Sotong Biasa	3,470.52	--	--	--	271.47	--	56.43	--	--	--	--	--	--	3,798.42
76	Ubur-ubur	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jumlah Tan M/Total Tonnes		86,062.60	5,579.41	30,060.17	835.11	6,465.44	53.02	506.30	718.52	547.90	1,275.21	92.52	36.51	3,723.96	136,058.02

PULAU PINANG/PENANG
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>			Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>		Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampai Miscel- laneous	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>			Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>							
	<i>Species</i>															
24	Kebasi/Selangat	46.28	130.07	—	6.32	39.28	—	—	—	—	—	—	—	—	—	221.95
	Puput/B. Mata/Tirok	17.63	93.25	—	—	—	—	—	—	—	—	—	—	—	—	110.88
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	67.02	—	—	—	—	—	—	—	—	—	—	—	—	—	67.02
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	13.81	—	—	—	—	—	—	—	—	—	—	—	—	—	13.81
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	54.13	—	—	5.96	26.52	—	—	—	31.93	—	—	—	—	—	118.54
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	320.94	—	—	126.33	45.47	—	—	—	23.21	1.80	—	—	—	—	517.75
	Gerut-gerut	16.30	—	—	—	—	—	—	1.65	9.66	—	—	—	—	—	27.61
	Jenahak	1.47	—	—	—	0.62	—	—	20.99	10.57	—	—	—	—	—	33.65
	Kaci	—	—	—	—	—	—	—	0.17	—	—	—	—	—	—	0.17
	Kerapu	11.27	—	—	—	—	—	—	50.30	17.41	—	—	—	—	—	78.98
	Kerisi	67.69	—	—	—	—	—	—	1.05	1.41	—	—	—	—	—	70.15
	Kerisi Bali	—	—	—	—	—	—	—	27.43	—	—	—	—	—	—	27.43
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	36.04	—	—	1.38	6.48	—	—	—	17.81	—	—	—	—	—	61.71
	Merah	0.31	—	—	—	—	—	—	127.05	—	—	—	—	—	—	127.36
	Mengkerong/Conor/Ubi-ubi	34.78	—	—	—	—	—	—	—	—	—	—	—	—	—	34.78
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	1.01	—	—	—	0.96	—	—	—	—	—	1.97
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	14.64	—	—	—	—	—	—	—	0.60	—	—	—	—	15.24
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	69.81	1,373.08	—	—	360.97	—	—	—	—	—	—	—	—	1,803.86
	Belanak/Kedera	26.43	1,006.84	—	—	265.62	—	—	—	—	—	—	—	—	1,298.89
	Cermin/Sagai/Cupak	1.89	—	—	—	—	—	0.11	—	—	—	—	—	—	2.00
	Cincaru	38.12	54.00	—	—	160.85	—	—	—	—	—	—	—	—	242.97
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	0.18	—	—	85.33	—	—	0.75	—	—	—	—	—	86.26
	Pelata/Selar	4.38	82.94	—	—	—	—	—	—	—	—	—	—	—	87.32
	Selar Kuning/Lolong	0.48	—	—	—	—	—	—	—	—	—	—	—	—	0.48
	Selayang/Curut	—	2,450.68	—	—	—	—	—	—	—	—	—	—	—	2,450.68
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	85.83	—	—	—	26.87	—	—	—	—	—	—	—	—	112.70
	Tamban	73.74	1,627.86	—	—	1.77	—	—	—	—	—	—	—	—	1,703.37
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	51.00	—	—	25.20	—	—	—	—	—	—	—	—	76.20
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	208.94	6,427.14	—	—	612.45	—	—	—	—	—	—	—	—	7,248.53
	Tenggiri	30.59	—	—	—	49.89	—	—	—	—	—	—	—	—	80.48
	Timah/Layor/Selayor	61.09	—	—	2.76	—	—	—	—	—	—	—	—	—	63.85
38	Pari	19.60	—	—	1.02	50.11	—	—	1.42	12.81	—	—	—	—	84.96
	Yu	13.72	—	—	—	0.49	—	—	—	—	—	—	—	—	14.21
39	Ikan Baja	1,759.09	662.09	—	1,273.29	1,008.98	—	—	—	578.74	—	—	—	—	5,282.19
	Ikan Campur	152.46	—	—	41.35	472.27	—	—	—	5.67	26.86	—	—	—	698.61
	Jebong	1.68	—	—	—	—	—	—	—	—	—	—	—	—	1.68
42	Ketam	62.13	—	—	14.05	366.18	—	—	—	—	—	—	—	3.90	446.26
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	22.03	—	—	0.73	406.49	—	—	—	—	—	—	—	—	429.25
	Udang Sedang	101.77	—	—	53.02	1,058.66	—	—	—	123.56	—	—	—	—	1,337.01
	Udang Kecil	271.49	19.04	—	352.03	391.40	—	—	—	373.75	—	—	—	—	1,407.71
	Udang Baring	—	—	—	—	—	—	—	—	122.96	—	395.30	—	—	518.26
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	7,348.92	—	7,348.92
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	380.68	—	380.68
57	Sotong Kereta	1.82	—	—	—	—	—	—	—	—	—	—	—	—	1.82
	Sotong Katak	85.05	—	—	—	—	—	—	—	0.60	—	—	—	—	85.65
	Sotong Biasa	266.35	—	—	—	—	—	—	—	0.90	—	—	—	—	267.25
76	Ubur-ubur	—	—	—	—	—	—	—	—	136.72	—	—	—	—	136.72
Jumlah Tan M/Total Tonnes		4,060.80	13,978.17	—	1,878.24	5,452.91	—	—	230.17	132.19	1,366.49	—	395.30	7,729.60	35,227.77

PERAK
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>			Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>			Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine- Nets</i>	Pukat Jerut Bilis <i>Purse Seine- Nets</i>	Lain Pukat Tarik <i>Other Nets</i>			Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>						
	<i>Species</i>															
24	Kebasi/Selangat	309.45	—	—	—	415.79	—	—	—	—	—	—	—	—	—	725.24
	Puput/B. Mata/Tirok	334.77	—	—	—	140.18	—	—	—	—	—	—	—	—	—	474.95
	Terubok	9.66	—	—	—	3.30	—	—	—	—	—	—	—	—	—	12.96
25	Siakap	2.65	—	—	—	100.69	—	—	19.92	14.64	—	—	—	—	—	137.90
31	Lidah	96.71	—	—	—	8.26	—	—	—	—	—	—	—	—	—	104.97
	Sebelah	86.82	—	—	—	57.90	—	—	—	—	—	—	—	—	—	144.72
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	289.95	—	—	—	6.19	—	—	—	—	—	—	—	—	—	296.14
	Daun Baharu	45.06	—	—	—	—	—	—	—	—	—	—	—	—	—	45.06
	Delah	7.50	—	—	—	—	—	—	—	22.86	—	—	—	—	—	30.36
	Duri/Pulutan/Utik	209.65	—	—	1.56	467.21	—	—	39.39	354.14	—	—	—	—	—	1,071.95
	Dengkis/Debam	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	0.49
	Gelama/Tengkerong	1,344.68	0.81	—	281.05	1,174.68	—	—	—	23.30	—	—	—	—	—	2,824.52
	Gerut-gerut	228.78	—	—	—	5.04	—	—	—	24.42	—	—	—	—	—	258.24
	Jenahak	67.98	—	—	—	5.56	—	—	288.30	343.48	—	—	—	—	—	705.32
	Kaci	17.88	—	—	—	—	—	—	—	—	—	—	—	—	—	17.88
	Kerapu	391.13	—	—	—	—	—	—	288.29	346.34	—	—	—	—	—	1,025.76
	Kerisi	3,274.64	—	—	—	—	—	—	—	—	—	—	—	—	—	3,274.64
	Kerisi Bali	79.48	—	—	—	—	—	—	147.73	165.99	—	—	—	—	—	393.20
	Kikek	175.11	—	—	—	—	—	—	—	—	—	—	—	—	—	175.11
	Malong	124.64	—	—	—	2.08	—	—	—	41.57	—	—	—	—	—	168.29
	Merah	309.97	—	—	—	—	—	—	780.34	872.68	—	—	—	—	—	1,962.99
	Mengkerong/Conor/Ubi-ubi	564.42	—	—	—	—	—	—	—	—	—	—	—	—	—	564.42
	Ramong/Kunyit-kunyit	22.78	—	—	28.17	—	—	—	—	23.49	—	—	—	—	—	74.44
	Semilang	205.70	—	—	38.96	179.67	—	—	97.54	385.04	—	—	—	—	—	906.91
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	68.60	—	—	—	82.68	—	—	—	167.28	—	—	—	—	—	318.56
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	396.25	—	—	—	4.79	—	—	—	221.05	—	—	—	—	—	622.09
	Aruan Tasik	43.81	1.13	—	—	—	—	—	1.20	10.80	—	—	—	—	—	56.94
	Bawal	319.49	483.86	—	—	707.46	—	—	—	—	—	—	—	—	—	1,510.81
	Belanak/Kedera	49.59	—	—	31.05	1,331.74	—	—	—	—	—	—	—	—	—	1,412.38
	Cermin/Sagai/Cupak	141.86	1.17	—	—	—	—	—	—	—	—	—	—	—	—	143.03
	Cincaru	1,016.99	5,288.40	—	—	126.75	—	—	—	—	—	—	—	—	—	6,432.14
	Demudok/Rambai	822.12	—	—	—	—	—	—	—	111.23	—	—	—	—	—	933.35
	Kurau/Senangin/Senohong	21.54	0.58	—	—	437.31	—	—	—	—	—	—	—	—	—	459.43
	Pelata/Selar	810.44	436.38	—	—	101.34	—	—	—	—	—	—	—	—	—	1,348.16
	Selar Kuning/Lolong	608.83	—	—	—	—	—	—	—	—	—	—	—	—	—	608.83
	Selayang/Curut	178.23	633.57	—	—	—	—	—	—	—	—	—	—	—	—	811.80
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	36.34	—	—	—	67.16	—	—	—	105.08	—	—	—	—	—	208.58
35	Bilis	13.56	—	3,911.99	—	—	—	459.36	—	—	—	—	—	—	—	4,384.91
	Parang-parang	219.06	—	—	—	305.62	—	—	—	—	—	—	—	—	—	524.68
	Tamban	135.59	1,692.58	—	—	—	—	—	—	—	—	—	—	—	—	1,828.17
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	3.64	1,595.47	—	—	134.47	—	—	—	—	—	—	—	—	—	1,733.58
	Layaran/Mersuji	110.34	—	—	—	9.91	—	—	—	—	—	—	—	—	—	120.25
37	Kembong/Temenong	1,606.53	9,008.34	—	—	413.12	—	—	—	—	—	—	—	—	—	11,027.99
	Tenggiri	149.40	7.29	—	—	777.49	—	—	—	58.51	—	—	—	—	—	992.69
	Timah/Layor/Selayor	289.39	—	—	—	—	—	—	—	—	—	—	—	—	—	289.39
38	Pari	483.18	—	—	—	23.85	—	—	124.27	295.86	—	—	—	—	—	927.16
	Yu	106.01	—	—	—	23.78	—	—	—	79.86	—	—	—	—	—	209.65
39	Ikan Baja	32,870.78	—	—	4,659.33	1,588.65	—	—	4.40	4.31	79.15	—	325.25	—	—	39,531.87
	Ikan Campur	3,072.66	100.61	—	301.30	444.87	—	—	105.56	235.96	35.44	—	95.33	—	—	4,391.73
	Jebong	397.22	—	—	—	—	—	—	96.19	—	—	—	—	—	—	493.41
42	Ketam	221.90	—	—	43.25	1,019.95	—	272.38	21.23	—	—	—	—	—	472.14	2,050.85
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	310.23	—	—	151.55	1,603.50	—	—	—	3.92	—	50.92	—	—	—	2,120.12
	Udang Sedang	2,872.58	—	—	2,088.51	1,217.68	—	—	—	71.29	—	943.52	—	2.59	—	7,196.17
	Udang Kecil	5,016.09	—	—	5,330.08	378.92	—	—	—	273.87	—	1,640.22	—	8.44	—	12,647.62
	Udang Baring	—	—	—	—	—	—	1,183.49	—	—	—	68.45	—	—	—	1,251.94
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	20,900.37	—	—	20,900.37
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	229.22	—	—	229.22
57	Sotong Kereta	1.62	—	—	—	—	—	—	—	—	—	—	—	—	—	1.62
	Sotong Katak	722.33	—	—	—	—	—	33.28	—	—	—	—	—	—	—	755.61
	Sotong Biasa	2,104.85	—	—	—	—	—	—	—	—	—	—	—	—	—	2,104.85
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M./Total Tonnes		63,420.95	19,250.19	3,911.99	12,954.81	13,367.59	—	1,915.23	2,047.64	3,907.89	463.67	—	3,123.69	21,129.59	483.17	145,976.41

[illegible]

34	Alu-alu/Kacang-kacang	74.18	—	—	—	29.92	—	—	—	—	—	13.44	—	—	117.54
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	215.43	147.90	—	—	294.42	103.04	—	—	—	—	5.26	—	—	766.05
	Belanak/Kedera	225.58	—	—	—	1.81	—	—	—	—	—	59.68	—	—	287.07
	Cermin/Sagai/Cupak	20.18	—	—	—	—	—	—	—	—	—	—	—	—	20.18
	Cincaru	372.49	1,167.96	—	—	8.75	—	—	—	15.83	—	—	—	—	1,565.03
	Demudok/Rambai	23.15	—	—	—	—	—	—	—	—	—	—	—	—	23.15
	Kurau/Senangin/Senohong	60.22	—	—	—	929.06	16.79	—	—	—	—	46.95	—	—	1,053.02
	Pelata/Selar	108.71	33.82	—	—	1.74	—	—	—	—	—	—	—	—	144.27
	Selar Kuning/Lolong	6.69	—	—	—	—	—	—	—	—	—	—	—	—	6.69
	Selayang/Curut	0.45	—	—	—	—	—	—	—	—	—	—	—	—	0.45
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	17.43	—	—	—	24.54	—	—	—	—	—	—	—	—	41.97
35	Bitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	171.46	—	—	—	611.44	17.16	—	—	—	—	—	—	—	800.06
	Tamban	21.84	57.75	—	—	—	—	—	—	—	—	—	—	—	79.59
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	0.66	98.92	—	—	—	—	—	—	—	—	—	—	—	99.58
	Layaran/Marsuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	655.54	2,232.21	—	—	3,508.70	—	—	—	—	—	—	—	—	6,396.45
	Tenggiri	118.68	—	—	—	1,585.63	1.84	—	—	—	—	—	—	—	1,706.15
	Timah/Layor/Selayor	0.21	—	—	—	4.36	—	—	—	—	—	—	—	—	4.57
38	Pari	314.11	—	—	—	—	—	—	118.96	—	36.51	—	—	—	469.58
	Yu	90.17	—	—	—	20.36	—	—	3.54	—	10.11	—	—	—	124.18
39	Ikan Baja	11,724.04	—	—	132.28	—	13.56	—	—	7.28	—	—	—	—	11,877.16
	Ikan Campur	131.36	—	—	—	—	—	—	—	—	—	—	—	—	131.36
	Jebong	1.80	—	—	—	—	—	—	—	—	—	—	—	—	1.80
42	Ketam	420.89	—	—	—	76.90	—	—	—	—	12.20	—	—	—	509.99
45	Udang Karang/Lobok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	147.93	—	—	5.02	369.39	—	—	—	—	15.86	—	—	—	538.20
	Udang Sedang	2,315.44	—	—	215.34	668.26	—	—	—	—	7.47	—	—	—	3,206.51
	Udang Kecil	3,207.03	—	—	451.61	301.65	—	99.64	—	3,013.00	13.69	—	—	—	7,086.62
	Udang Baring	—	—	—	219.08	—	—	141.48	—	6,730.49	11.28	—	—	—	7,102.33
56	Kerang	—	—	—	—	—	—	—	—	—	—	8,686.44	—	—	8,686.44
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	1,166.57	—	—	1,166.57
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	519.82	—	—	—	—	—	—	—	—	—	—	—	—	519.82
	Sotong Biasa	541.94	—	—	—	—	—	—	7.48	—	—	—	—	—	549.42
76	Ubur-ubur	3,480.69	—	—	—	—	—	—	—	77.14	—	—	—	—	3,557.83
Jumlah Tan M/Total Tonnes		27,716.89	3,738.56	—	1,025.66	9,119.16	161.62	254.68	—	1,390.49	9,827.91	570.46	—	9,853.01	63,658.44

NEGERI SEMBILAN
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>			Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>			Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampai- an <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>			Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>						
	<i>Species</i>															
24	Kebasi/Selangat	—	—	—	0.50	7.03	—	—	—	—	—	—	—	—	—	7.53
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	0.51	—	—	—	0.10	—	—	—	—	—	0.61
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	6.73	—	—	—	—	—	—	—	—	—	6.73
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	0.98	—	—	—	8.78	—	—	—	—	—	9.76
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	0.35	11.94	—	—	—	0.08	—	—	—	—	—	12.37
	Gerut-gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—	—	26.01	10.65	—	—	—	—	—	36.66
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—	—	3.31	2.90	—	—	—	—	—	6.21
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	—	—	—	—	—	—	—	—	0.64	—	—	—	—	—	0.64
	Merah	—	—	—	—	—	—	—	2.51	6.08	—	—	—	—	—	8.59
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	0.95	—	—	—	—	—	—	—	—	—	0.95
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—	0.32	—	—	—	—	—	—	0.32
	Bawal	—	—	—	—	11.76	—	—	—	—	—	—	—	—	11.76
	Belanak/Kedera	—	—	—	—	0.47	1.38	—	—	—	—	—	—	—	1.85
	Cermin/Sagai/Cupak	—	—	—	—	—	2.53	—	—	—	—	—	—	—	2.53
	Cincaru	—	—	—	—	—	1.00	—	—	—	—	—	—	—	2.77
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	2.95	—	—	—	—	—	—	—	8.28
	Pelata/Selar	—	—	—	—	—	7.15	—	—	—	—	—	—	—	7.33
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	—	—	—	2.06	—	—	—	—	—	—	—	2.06
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	—	—	—	—	—	71.55	—	—	—	—	—	—	—	71.55
	Tamban	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkoi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Marsuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tenggiri	—	—	—	—	—	76.25	—	—	—	—	—	—	—	76.25
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Pari	—	—	—	—	—	6.66	—	—	—	—	—	—	—	40.90
	Yu	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26
		—	—	—	—	—	—	—	—	—	—	—	—	—	—
39	Ikan Baja	—	—	—	—	—	1.79	—	—	—	—	—	—	—	1.79
	Ikan Campur	—	—	—	—	—	2.89	69.53	—	—	—	—	—	—	73.72
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—	2.81	—	—	—	—	—	—	—
		—	—	—	—	—	—	—	—	—	—	—	—	—	—
45	Udang Karang/Lobok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—	8.98	25.23	—	—	—	—	—	34.21
	Udang Kecil	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		—	—	—	—	14.98	309.00	—	—	33.13	72.56	—	—	—	5.96 435.63

MELAKA/MALACCA
 PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
 LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISCAAP GROUP NO.	Jenis Ikan Species	Pukat Tunda Trawl Nets	Pukat-pukat Tarik/Seine Nets			Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps			Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- laneous	Jumlah Tan M. Total Tonnes
	Nama Tempatan Local Name		Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy	Lain Pukat Tarik Other Seines			Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines						
	<i>Species</i>															
24	Kebasi/Selangat	—	—	—	0.50	12.42	—	—	—	—	—	—	—	—	—	12.92
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	2.02	—	—	—	—	—	—	—	—	—	2.02
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	56.43	—	—	—	60.27	—	0.83	—	—	—	117.53
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	—	78.51	—	—	—	1.35	—	1.48	—	—	—	81.34
	Gerut-gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—	—	—	68.91	—	—	—	—	—	68.91
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—	—	—	18.36	—	—	—	—	—	18.36
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	—	—	—	—	—	—	—	—	2.25	—	—	—	—	—	2.25
	Merah	—	—	—	—	—	—	—	—	21.64	—	—	—	—	—	21.64
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	0.15	—	—	—	—	—	—	—	—	—	0.15
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—	—	—	—	—	0.87	—	—	—	0.87
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	—	—	—	—	—	—	—	5.85	—	—	—	—	—	5.85
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	—	—	—	—	29.04	—	0.08	—	—	—	—	—	—	29.12
	Belanak/Kedera	—	—	—	—	0.50	—	—	—	—	—	—	—	—	0.50
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cincaru	—	—	—	—	1.43	—	—	1.35	—	—	—	—	—	2.78
	Demudok/Rambai	—	—	—	—	—	—	—	6.75	—	—	—	—	—	6.75
	Kurau/Senangin/Senohong	—	—	—	—	8.90	—	—	31.19	—	0.06	—	—	—	40.15
	Pelata/Selar	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	—	—	3.82	—	—	—	—	—	—	—	—	3.82
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	—	—	—	—	512.34	—	—	—	—	—	—	—	—	512.34
	Tamban	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tenggiri	—	—	—	—	495.88	—	—	—	—	—	—	—	—	495.88
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Pari	—	—	—	—	9.96	—	—	263.25	—	—	—	—	—	273.21
	Yu	—	—	—	—	—	—	—	8.88	—	—	—	—	—	8.88
39	Ikan Baja	—	—	—	1.55	—	—	21.25	—	—	—	—	—	—	22.80
	Ikan Campur	—	—	—	2.46	243.93	—	19.57	6.10	—	2.07	—	—	—	274.13
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	—	—	—	—	61.08	—	—	—	—	—	—	—	—	61.08
	Udang Sedang	—	—	—	1.49	11.61	—	2.65	—	—	—	2.72	—	—	18.47
	Udang Kecil	—	—	—	4.50	—	—	11.71	—	—	0.42	13.64	—	—	30.27
	Udang Baring	—	—	—	—	—	—	1.26	—	—	0.05	95.08	—	—	96.39
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		—	—	—	10.50	1,528.02	—	56.52	—	496.15	—	5.78	111.44	—	2,208.41

JOHOR BARAT/WEST JOHORE
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
 LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>					Perangkap-perangkap <i>Traps</i>					Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>			
	<i>Species</i>														
24	Kebasi/Selangat	5.70	—	—	—	258.00	—	9.25	—	—	—	—	—	—	272.95
	Puput/B. Mata/Tirok	144.75	—	—	7.53	173.45	—	—	—	—	—	—	—	—	325.73
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	13.26	—	—	0.18	40.73	—	0.78	—	—	1.08	1.16	—	—	57.19
	Sebelah	—	—	—	—	0.96	—	—	—	—	—	—	—	—	0.96
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	25.69	—	—	—	—	—	—	—	—	—	—	—	—	25.69
	Daun Baharu	2.93	—	—	—	—	—	—	—	—	—	—	—	—	2.93
	Delah	—	—	—	—	14.63	—	—	—	—	—	—	—	—	14.63
	Duri/Pulutan/Utik	58.72	—	—	—	383.63	26.65	34.80	—	147.15	46.80	0.18	—	—	697.93
	Dengkis/Debam	—	—	—	—	—	—	—	1.32	—	—	—	—	—	1.32
	Gelama/Tengkerong	342.62	—	—	79.31	262.20	6.68	0.06	—	2.56	4.87	7.24	—	—	705.54
	Gerut-gerut	2.03	—	—	—	—	—	—	0.06	—	—	—	—	—	2.09
	Jenahak	2.91	—	—	—	—	—	0.06	121.22	24.85	—	—	—	—	149.04
	Kaci	—	—	—	—	—	—	—	2.17	—	—	—	—	—	2.17
	Kerapu	3.58	—	—	—	—	—	0.06	75.87	7.79	—	—	—	—	87.30
	Kerisi	—	—	—	—	—	—	—	5.01	—	—	—	—	—	5.01
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	154.72	—	—	1.26	53.59	1.01	—	—	122.92	—	0.36	—	—	333.86
	Merah	1.84	—	—	—	—	—	—	36.07	71.44	7.82	—	—	—	117.17
	Mengkerong/Conor/Ubi-ubi	51.74	—	—	—	0.97	—	—	—	—	—	—	—	—	52.71
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—	47.00	—	39.52	0.86	6.18	—	—	93.56
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	0.36	—	—	—	—	0.36
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	10.72						2.91							13.63
	Aruan Tasik	—				3.01				0.24					3.25
	Bawal	63.03			4.38	381.61	47.67	8.14			0.36				505.19
	Belanak/Kedera	2.03				1.26		2.54				2.50			8.33
	Cermin/Sagai/Cupak	13.91													13.91
	Cincaru	25.80				101.23									127.03
	Demudok/Rambai	—													—
	Kurau/Senangin/Senohong	44.84				30.85	16.74		17.68	102.90		0.39			213.40
	Pelata/Selar	9.75				22.91		4.75							37.41
	Selar Kuning/Lolong	1.29													1.29
	Selayang/Curut	—													—
	Pisang-pisang	0.30													0.30
	Talang	3.58				9.25					1.30				14.13
35	Bitis	36.95						31.26							68.21
	Parang-parang	45.37				598.70	37.00	2.63			0.36				684.06
	Tamban	54.52				201.44		38.31							294.27
	Bulan-bulan	—													—
36	Aya/Kayu/Tongkol	—													—
	Layaran/Mersuji	—													—
37	Kembong/Temenong	0.23													0.23
	Tenggiri	9.78				581.10									590.88
	Timah/Layor/Selayor	18.89				13.63									32.52
38	Pari	87.03				52.74	30.29			248.64		2.16			420.86
	Yu	2.61				0.42	1.01			7.40					11.44
39	Ikan Baja	3,692.44			72.92			476.13			426.81	8.05			4,676.35
	Ikan Campur	252.56			44.64	827.60	2.01	60.86	25.56	0.12	11.91	5.54			1,230.80
	Jebong	0.39							13.42						13.81
42	Ketam	1.41				104.62	14.47	3.32	7.14			1.98			132.94
45	Udang Karang/Lobok	—													—
	Udang Besar	56.68			0.60	421.50		0.79			7.04	5.36	12.08		504.05
	Udang Sedang	82.70			1.87	256.13		4.97			16.38	0.54	18.12		380.71
	Udang Kecil	2,247.81			113.40	10.95		110.17			101.34	16.13			2,599.80
	Udang Baring	—									889.90				889.90
56	Kerang	—													—
	Siput/Kepah/Kupang/Tiram	—											230.71		230.71
57	Sotong Kereta	—													—
	Sotong Katak	71.45													71.45
	Sotong Biasa	89.17													89.17
76	Ubur-ubur	—													—
Jumlah Tan M/Total Tonnes		7,735.73	—	—	326.09	4,807.11	183.53	838.79	305.52	775.89	1,516.83	57.77	30.20	230.71	16,808.17

KELANTAN
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>			Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>			Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M <i>Total Tonnes</i>
	Nama Tempat <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>			Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>						
	<i>Species</i>															
24	Kebasi/Selangat	6.93	—	—	—	—	—	—	—	—	—	—	—	—	—	6.93
	Puput/B Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	4.52	—	—	—	—	—	—	—	—	—	—	—	—	—	4.52
	Sebelah	8.18	—	—	—	0.06	0.06	—	—	—	—	—	—	—	—	8.30
33	Bayan	—	—	—	0.07	0.04	—	—	—	—	—	—	—	—	—	0.11
	Biji Nangka	56.90	—	—	3.29	8.54	1.10	—	—	3.25	—	—	—	—	—	73.08
	Daun Baharu	1.59	—	—	—	—	—	—	—	0.92	—	—	—	—	—	2.51
	Delah	—	—	—	—	—	—	—	—	0.75	—	—	—	—	—	0.75
	Duri/Pulutan/Utik	0.62	—	—	—	0.79	0.02	—	—	4.28	—	—	—	—	—	5.71
	Dengkis/Debam	6.39	—	—	—	—	—	—	—	—	—	—	—	—	—	6.39
	Gelama/Tengkerong	54.86	—	—	10.41	13.75	6.80	—	0.40	8.78	—	—	—	—	—	95.00
	Gerut-gerut	10.13	—	—	1.00	1.43	0.29	—	5.68	4.44	—	—	—	—	—	22.97
	Jenahak	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kaci	0.48	—	—	—	—	—	—	—	—	—	—	—	—	—	0.48
	Kerapu	0.97	—	—	0.50	0.57	0.47	—	7.33	9.92	—	—	—	—	—	19.76
	Kerisi	79.90	—	—	1.84	10.92	6.85	—	15.40	13.47	—	—	—	—	—	128.38
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	73.18	—	—	0.46	6.78	3.19	—	0.52	1.43	—	—	—	—	—	85.56
	Malong	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	0.21
	Merah	4.17	—	—	—	0.09	0.04	—	23.17	5.97	—	—	—	—	—	33.44
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	13.37	—	—	1.98	7.69	6.52	—	—	3.62	—	—	—	—	—	33.18
	Semilang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	5.25	—	—	—	—	—	—	—	—	—	—	—	—	—	5.25
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	9.80	—	—	—	0.15	—	—	—	0.05	—	—	—	—	10.00
	Aruan Tasik	0.67	—	—	—	—	—	—	—	2.44	—	—	—	—	3.11
	Bawal	2.30	—	—	—	1.99	58.02	—	—	6.81	—	—	—	—	69.12
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak	2.88	—	—	0.01	0.94	—	—	—	—	—	—	—	—	3.83
	Cincaru	0.02	—	—	0.57	2.43	3.47	—	1.70	6.59	—	—	—	—	14.78
	Demudok/Rambai	0.59	—	—	—	2.52	—	—	22.45	5.90	—	—	—	—	31.46
	Kurau/Senangin/Senohong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pelata/Selar	10.00	—	—	1.92	7.32	13.30	—	—	4.97	—	—	—	—	37.51
	Selar Kuning/Lolong	18.75	929.94	—	0.96	34.45	37.07	—	—	—	—	—	—	—	1,021.17
	Selayang/Curut	—	1,394.68	—	0.14	6.55	2.32	—	—	—	—	—	—	—	1,403.69
	Pisang-pisang	0.58	—	—	—	2.75	3.00	—	—	—	—	—	—	—	6.33
	Talang	0.22	—	—	—	—	—	—	—	—	—	—	—	—	0.22
35	Bilis	20.89	—	—	—	—	—	—	—	—	—	—	—	—	20.89
	Parang-parang	12.75	—	—	0.04	6.57	0.88	—	—	2.76	—	—	—	—	23.00
	Tamban	1.06	1,130.03	—	—	33.45	35.31	—	—	—	—	—	—	—	1,199.85
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	78.42	—	—	4.08	—	—	—	12.19	—	—	—	—	94.69
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	0.15	2,741.50	—	0.39	15.25	—	—	—	—	—	—	—	—	2,757.29
	Tenggiri	1.19	—	—	—	52.84	0.20	—	—	18.02	—	—	—	—	72.25
	Timah/Layor/Selayor	27.45	—	—	—	—	—	—	—	—	—	—	—	—	27.45
38	Pari	29.01	—	—	—	—	—	—	—	—	—	—	—	—	29.01
	Yu	0.81	—	—	—	—	—	—	—	—	—	—	—	—	0.81
39	Ikan Baja	38.39	—	—	—	0.08	—	—	—	—	—	—	—	—	38.47
	Ikan Campur	48.21	319.90	—	3.59	14.13	6.91	—	5.40	4.79	—	—	—	—	402.93
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	15.80	—	—	—	—	—	—	—	—	—	—	—	—	15.80
45	Udang Karang/Lobok	—	—	—	0.25	—	—	—	—	—	—	—	—	—	0.25
	Udang Besar	19.86	—	—	0.56	8.26	—	—	—	—	—	—	—	—	28.68
	Udang Sedang	33.55	—	—	0.62	9.83	—	—	—	—	—	—	—	—	44.00
	Udang Kecil	109.73	—	—	1.77	12.95	—	—	—	—	—	—	—	—	124.45
	Udang Baring	—	—	—	1.50	—	—	—	—	—	—	—	—	—	1.50
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	196.00	—	196.00
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	4.03	—	—	—	—	—	—	—	—	—	—	—	—	4.03
	Sotong Biasa	254.55	—	—	—	—	—	—	2.30	0.37	—	—	—	—	257.22
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		990.89	6,594.47	—	31.87	267.20	185.82	—	84.35	121.72	—	—	—	196.00	8,472.32

TERENGGANU
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>					Perangkap-perangkap <i>Traps</i>					Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat Jerut <i>Ikan Purse Seine- Fish</i>	Pukat Jerut <i>Bilis Purse Seine- Anchovy</i>	Lain Pukat <i>Tarik Other Seines</i>	Pukat Manyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>			
	<i>Species</i>														
24	Kebasi/Selangat	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puput/B. Mata/Tirol	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	18.40	—	—	—	—	—	—	—	—	—	—	—	18.40
25	Siakap	—	—	—	—	—	—	—	16.20	31.40	—	—	—	—	47.60
31	Lidah	37.94	—	—	—	—	—	—	—	—	—	—	—	—	37.94
	Sebelah	55.43	—	—	—	—	—	—	—	—	—	—	—	—	55.43
33	Bayan	1.32	—	—	—	—	—	—	54.63	1.67	—	—	—	—	57.62
	Biji Nangka	333.78	—	—	—	—	—	—	224.90	4.47	—	—	—	—	563.15
	Daun Baharu	14.60	—	—	—	—	—	—	20.61	—	—	—	—	—	35.21
	Delah	0.35	—	—	—	2.40	—	—	636.99	—	—	—	—	9.45	649.19
	Duri/Pulutan/Utik	31.32	11.91	—	—	64.09	—	—	11.53	232.69	—	—	—	—	351.54
	Dengkis/Debam	20.71	—	—	—	—	—	—	597.05	4.80	—	—	—	—	622.56
	Gelama/Tengkerong	114.26	—	—	—	10.66	—	—	12.08	34.04	—	—	—	—	171.04
	Gerut-gerut	12.74	—	—	—	2.36	—	—	31.06	20.38	—	—	—	—	66.54
	Jenahak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kaci	27.70	—	—	—	—	—	—	194.30	32.28	—	—	—	—	254.28
	Kerapu	61.00	—	—	—	—	—	—	326.35	508.08	—	—	—	—	895.43
	Kerisi	704.52	—	—	—	—	—	—	567.51	1,707.99	—	—	—	—	2,980.02
	Kerisi Bali	—	—	—	—	—	—	—	15.86	13.91	—	—	—	—	29.77
	Kikek	209.18	10.05	—	—	—	—	—	—	—	—	—	—	—	219.23
	Malong	—	—	—	—	—	—	—	6.39	4.14	—	—	—	—	10.53
	Merah	62.91	—	—	—	—	—	—	550.93	506.95	—	—	—	—	1,120.79
	Mengkerong/Conor/Ubi-ubi	72.19	—	—	—	—	—	—	—	17.04	—	—	—	—	89.23
	Remong/Kunyit-kunyit	21.74	—	—	—	—	—	—	727.82	57.34	—	—	—	—	806.90
	Semilang	0.08	—	—	—	—	—	—	—	—	—	—	—	—	0.08
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	190.51	—	—	—	—	—	—	—	—	—	—	—	—	190.51
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Atu-atu/Kacang-kacang	113.30	1.99	—	—	29.41	—	—	—	62.79	—	—	—	—	207.49
	Aruan Tasik	1.63	—	—	—	129.18	—	—	42.55	229.55	—	—	—	—	402.91
	Bawal	0.40	158.85	—	—	17.80	53.75	—	—	2.28	—	—	—	—	233.08
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak	48.38	107.39	—	—	9.61	—	—	106.39	25.37	—	—	—	—	297.14
	Cincaru	—	21.90	—	—	63.72	—	—	—	—	—	—	—	—	85.62
	Demudok/Rambai	0.22	6.20	—	—	153.73	—	—	172.05	316.71	—	—	—	—	648.91
	Kurau/Senangin/Senohong	—	—	—	—	—	—	—	—	2.27	—	—	—	—	2.27
	Pelata/Selar	0.59	6,464.73	—	—	1,207.30	493.84	—	21.88	866.81	—	—	—	—	9,055.15
	Selar Kuning/Lolong	35.59	2,268.74	—	—	—	5,975.57	—	—	—	—	—	—	—	8,279.90
	Selayang/Curut	—	4,874.20	—	—	25.92	330.16	—	—	—	—	—	—	—	5,230.28
	Pisang-pisang	57.47	—	—	—	7.09	—	—	24.58	199.11	—	—	—	1.22	289.47
	Talang	—	—	—	—	79.39	—	—	—	—	—	—	—	—	79.39
35	Bilis	—	—	7,075.79	—	—	—	—	—	—	—	—	—	—	7,075.79
	Parang-parang	0.38	—	—	—	450.94	—	—	—	—	—	—	—	—	451.32
	Tamban	—	5,400.51	2,144.93	—	—	255.76	—	—	—	—	—	—	—	7,801.20
	Bulan-bulan	—	—	—	—	15.40	—	—	—	—	—	—	—	—	15.40
36	Aya/Kayu/Tongkol	—	917.15	158.25	—	5,447.74	—	—	—	5,974.39	—	—	—	—	12,497.53
	Layaran/Mersuji	—	—	—	—	6.56	—	—	—	177.79	—	—	—	—	184.35
37	Kembong/Temenong	—	18,101.62	—	—	3,329.79	—	—	—	—	—	—	—	—	21,431.41
	Tenggiri	—	208.55	—	—	1,692.62	—	—	—	1,313.49	—	—	—	—	3,214.66
	Timah/Layor/Selayor	18.93	—	—	—	115.20	—	—	—	—	—	—	—	—	134.13
38	Pari	165.96	—	—	—	3.60	—	—	—	—	—	—	—	—	169.56
	Yu	94.84	—	—	—	379.42	—	—	—	183.53	—	—	—	—	657.79
39	Ikan Baja	9,050.51	—	—	—	—	—	—	—	—	—	—	—	—	9,050.51
	Ikan Campur	586.06	2,612.00	692.80	6.30	1,516.70	872.19	—	524.91	642.26	—	—	—	—	7,453.22
	Jebong	50.28	—	—	—	5.38	—	—	121.20	—	—	—	—	—	176.86
42	Ketam	48.95	—	—	—	—	—	—	30.27	—	—	—	—	—	79.22
45	Udang Karang/Lobok	106.34	—	—	—	—	—	—	6.60	—	—	—	—	—	112.94
	Udang Besar	90.86	—	—	—	57.53	—	—	—	—	—	—	—	—	148.39
	Udang Sedang	118.08	—	—	—	85.37	—	—	—	—	—	—	—	—	203.45
	Udang Kecil	336.02	—	—	—	111.33	—	—	—	—	—	—	—	—	447.35
	Udang Baring	—	—	—	726.25	—	—	—	—	—	—	—	—	—	726.25
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	119.80	—	—	—	—	—	—	232.28	—	—	—	—	—	352.08
	Sotong Biasa	309.18	529.29	—	—	—	—	—	29.69	69.27	—	—	—	880.57	1,818.00
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		13,326.05	41,713.48	10,071.77	732.55	15,020.24	7,981.27	—	5,306.61	13,242.80	—	—	—	891.24	108,286.01

PAHANG
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>					Perangkap-perangkap <i>Traps</i>			Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total Tonnes</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Belat- belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>						
	<i>Species</i>															
24	Kebasi/Selangat	1.45	—	—	—	—	—	—	—	—	—	—	—	—	—	1.45
	Puput/B. Mata/Tirok	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	11.55	—	—	—	—	—	—	—	—	—	11.55
31	Lidah	19.50	—	—	—	—	—	—	—	—	—	—	—	—	—	19.50
	Sebelah	0.76	—	—	—	—	—	—	—	—	—	—	—	—	—	0.76
33	Bayan	2.51	—	—	—	—	—	—	37.00	—	—	—	—	—	—	39.51
	Biji Nangka	26.36	—	—	—	—	—	—	122.31	—	—	—	—	—	—	148.67
	Daun Baharu	10.16	—	—	—	31.62	—	—	25.38	—	—	—	—	—	—	67.16
	Delah	1.00	1.00	—	—	—	—	—	76.07	—	—	—	—	—	—	78.07
	Duri/Pulutan/Utik	27.99	—	—	—	150.91	—	—	—	—	—	—	—	—	—	178.90
	Dengkis/Debam	10.80	—	—	—	—	16.41	—	632.68	—	—	—	—	—	—	659.89
	Gelama/Tengkerong	85.34	—	11.76	—	48.82	—	0.94	—	—	—	—	—	—	—	146.86
	Gerut-gerut	4.54	—	—	—	4.00	—	—	2.00	0.90	—	—	—	—	—	11.44
	Jenahak	—	—	—	—	0.25	—	—	6.12	2.84	—	—	—	—	—	9.21
	Kaci	8.37	—	—	—	—	—	—	49.17	1.00	—	—	—	—	—	58.54
	Kerapu	2.44	—	—	—	—	—	—	167.09	10.70	—	—	—	—	—	180.23
	Kerisi	362.13	—	—	—	—	—	—	141.58	550.32	—	—	—	—	—	1,054.03
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	49.50	0.12	—	—	—	—	—	—	—	—	—	—	—	—	49.62
	Malong	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	0.95
	Merah	6.99	8.00	—	—	—	—	—	33.77	3.65	—	—	—	—	—	52.41
	Mengkerong/Conor/Ubi-ubi	22.54	—	—	—	—	4.17	—	—	—	—	—	—	—	—	26.71
	Remong/Kunyit-kunyit	33.53	—	—	—	—	—	—	285.57	34.68	—	—	—	—	—	353.78
	Semilang	1.09	—	—	—	17.73	—	—	—	—	—	—	—	—	—	18.82
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	82.58	—	—	—	—	—	0.29	—	—	—	—	—	—	—	82.87
	Pasir-pasir	38.21	—	—	—	—	—	—	164.50	7.17	—	—	—	—	—	209.88

34	Alu-alu/Kacang-kacang	29.95	4.20	—	—	13.15	—	—	16.29	19.05	—	—	—	—	82.64
	Aruan Tasik	—	—	—	—	1.00	—	—	51.13	30.62	—	—	—	—	82.75
	Bawal	17.70	—	—	—	2.62	—	—	—	—	—	—	—	—	20.32
	Belanak/Kedera	—	—	—	1.00	—	—	—	—	—	—	—	—	—	1.00
	Cermin/Sagai/Cupak	33.52	—	—	—	—	—	—	15.53	97.84	—	—	—	—	146.89
	Cincaru	16.67	—	—	—	87.77	—	—	—	227.35	—	—	—	—	331.79
	Demudok/Rambai	0.44	6.00	—	—	—	—	—	60.89	83.53	—	—	—	—	150.86
	Kurau/Senangin/Senohong	0.02	—	—	—	7.65	—	—	—	—	—	—	—	—	7.67
	Pelata/Selar	52.71	61.54	—	—	20.93	34.67	—	21.11	1,452.99	—	—	—	—	1,643.95
	Selar Kuning/Lolong	504.67	171.42	—	—	—	3,208.96	—	—	—	—	—	—	—	3,885.05
	Selayang/Curut	—	2.33	—	—	—	3.66	—	—	303.42	—	—	—	—	309.41
	Pisang-pisang	8.95	—	—	—	—	—	—	—	—	—	—	—	—	8.95
	Talang	0.96	3.26	—	—	13.00	—	—	8.35	14.40	—	—	—	—	39.97
35	Bitis	20.49	—	120.74	—	10.00	—	21.97	—	—	—	—	—	—	173.20
	Parang-parang	23.64	—	—	—	128.36	—	—	—	—	—	—	—	—	152.00
	Tamban	0.36	784.03	137.63	—	—	236.56	41.20	—	382.78	—	—	—	—	1,582.56
	Bulan-bulan	46.70	—	—	—	—	—	—	—	—	—	—	—	—	46.70
36	Aya/Kayu/Tongkol	—	61.00	—	—	74.31	5.82	—	—	1,548.16	—	—	—	—	1,689.29
	Layaran/Mersuji	—	—	—	—	5.90	—	—	—	262.84	—	—	—	—	268.74
37	Kembong/Temenong	29.67	154.39	—	—	39.41	—	—	—	104.36	—	—	—	—	327.83
	Tenggiri	24.79	1.00	—	—	128.76	—	1.00	36.61	134.51	—	—	—	—	326.67
	Timah/Layor/Selayor	0.49	—	—	—	—	—	—	—	—	—	—	—	—	0.49
38	Pari	314.66	—	—	—	117.18	—	—	2.01	318.06	—	—	—	—	751.91
	Yu	56.87	0.42	—	—	776.43	—	—	6.85	45.19	—	—	—	—	885.76
39	Ikan Baja	3,678.67	83.00	204.60	—	—	—	6.00	—	—	—	—	—	—	3,972.27
	Ikan Campur	147.47	29.69	9.45	1.00	285.41	—	—	208.01	21.39	—	—	—	—	702.42
	Jebong	46.28	—	—	—	—	—	—	91.06	2.74	—	—	—	—	140.08
42	Ketam	63.65	—	—	—	357.08	—	—	18.25	—	—	—	—	—	438.98
45	Udang Karang/Lobok	19.30	—	—	—	1.00	—	—	1.34	—	—	—	—	—	21.64
	Udang Besar	57.11	—	—	—	31.55	—	—	—	—	—	—	—	—	88.66
	Udang Sedang	160.90	—	—	—	11.00	—	—	—	—	—	—	—	—	171.90
	Udang Kecil	276.22	—	—	—	2.00	—	—	—	—	—	—	—	—	278.22
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	158.41	—	158.41
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	174.35	—	—	—	—	—	1.00	50.95	—	—	—	—	—	226.30
	Sotong Biasa	193.97	0.38	—	—	—	—	1.00	19.20	—	—	—	—	—	214.55
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		6,799.95	1,371.78	484.18	2.00	2,379.39	3,510.25	73.40	2,350.82	5,660.49	—	—	—	158.41	22,790.67

JOHOR TIMUR/EAST JOHORE
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1983
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1983

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-pukat Tarik/ <i>Seine Nets</i>				Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>			Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah Tan M. <i>Total</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>	Belat- belat <i>Stationary</i>			Bubu <i>Portable</i>	Pancing <i>Hooks and Lines</i>							
	<i>Species</i>																
24	Kebasi/Selangat	13.71	—	—	—	26.04	—	0.23	—	—	11.60	—	—	—	—	—	51.58
	Puput/B. Mata/Tirok	15.77	—	—	—	4.34	—	—	—	—	5.75	—	—	—	—	—	25.86
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	1.20	—	—	—	4.42	—	—	2.22	7.11	1.37	—	—	—	—	—	16.32
31	Lidah	2.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.04
	Sebelah	6.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.68
33	Bayan	—	—	—	—	—	—	—	5.28	0.80	—	—	—	—	—	2.21	8.29
	Biji Nangka	175.81	—	—	—	—	—	—	0.27	—	—	—	—	—	—	—	176.08
	Daun Baharu	5.41	—	—	—	18.10	—	0.63	1.52	—	—	—	—	—	—	—	25.66
	Delah	0.06	—	—	—	—	—	—	6.70	9.51	—	—	—	—	—	61.45	77.72
	Duri/Pulutan/Utik	23.57	—	—	—	89.74	—	0.72	—	53.60	1.32	—	—	—	—	—	168.95
	Dengkis/Debam	101.49	—	—	—	8.73	—	—	7.45	—	1.46	—	—	—	—	—	119.13
	Gelama/Tengkerong	161.09	—	—	—	16.64	—	3.05	—	18.35	14.14	—	—	—	—	—	213.27
	Gerut-gerut	4.27	—	—	—	3.20	—	0.19	0.17	—	—	—	—	—	—	—	7.83
	Jenahak	7.36	—	—	—	9.99	—	—	2.85	13.76	—	—	—	—	—	—	33.96
	Kaci	17.51	—	—	—	2.18	—	—	5.32	1.78	—	—	—	—	—	—	26.79
	Kerapu	12.07	—	—	—	0.94	—	—	15.43	120.22	—	—	—	—	—	—	148.66
	Kerisi	869.71	—	—	—	—	—	—	—	7.29	—	—	—	—	—	—	877.00
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	20.90	16.33	—	—	26.58	—	6.37	—	—	10.23	—	—	—	—	—	80.41
	Malong	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.90
	Merah	29.09	—	—	—	—	—	—	12.33	148.54	—	—	—	—	—	—	189.96
	Mengkerong/Conor/Ubi-ubi	58.08	—	—	—	3.97	—	—	—	—	2.64	—	—	—	—	—	64.69
	Remong/Kunyit-kunyit	57.23	—	—	—	13.21	—	4.46	3.64	18.54	2.00	—	—	—	—	—	99.08
	Semilang	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	153.45	—	—	—	8.67	—	1.33	—	—	6.09	—	—	—	—	—	169.54
	Pasir-pasir	28.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.64

34	Alu-alu/Kacang-kacang	47.52	5.81	—	—	28.90	—	0.82	—	40.31	—	—	—	—	123.36
	Aruan Tasik	0.24	—	—	—	22.65	—	—	—	23.88	—	—	—	—	46.77
	Bawal	32.74	5.62	—	—	5.20	7.11	—	—	—	3.80	—	—	—	54.47
	Belanak/Kedera	—	—	—	—	—	—	1.50	—	—	7.67	—	—	—	9.17
	Cermin/Sagai/Cupak	26.17	18.75	—	—	33.25	—	0.98	5.12	34.21	0.39	—	—	—	118.87
	Cincaru	0.06	13.14	—	—	24.70	—	—	—	65.04	—	—	—	—	102.94
	Demudok/Rambai	2.47	56.94	—	—	44.54	—	0.35	3.01	111.20	—	—	—	0.27	218.78
	Kurau/Senangin/Senohong	3.68	—	—	—	25.01	—	—	0.14	1.24	3.95	—	—	—	34.02
	Pelata/Selar	63.52	410.36	—	—	3.09	0.22	2.65	—	658.59	—	—	—	0.47	1,138.90
	Selar Kuning/Lolong	689.76	1,318.33	—	—	—	745.15	86.27	—	—	—	—	—	—	2,839.51
	Selayang/Curut	2.05	2,006.61	—	—	—	95.60	—	—	64.24	—	—	—	—	2,168.50
	Pisang-pisang	2.17	1.94	—	—	4.94	0.22	—	0.56	—	—	—	—	—	9.83
	Talang	0.54	10.47	—	—	9.45	—	0.36	—	14.46	—	—	—	—	35.28
35	Bitis	15.48	—	—	—	—	—	15.94	—	—	34.68	—	—	—	66.10
	Parang-parang	16.61	—	—	—	72.48	—	—	—	5.50	2.19	—	—	—	96.78
	Tamban	6.35	4,175.72	—	—	—	108.84	91.43	—	14.52	55.28	—	—	—	4,452.14
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	0.60	264.49	—	—	323.73	4.06	—	—	1,283.45	—	—	—	—	1,876.33
	Layaran/Mersuji	—	—	—	—	5.24	—	—	—	15.52	—	—	—	—	20.76
37	Kembong/Temenong	103.79	2,647.34	—	—	—	4.06	0.59	—	197.94	—	—	—	—	2,953.72
	Tenggiri	16.74	—	—	—	421.12	—	—	—	528.54	—	—	—	—	966.40
	Timah/Layor/Selayor	3.91	—	—	—	2.93	—	0.45	—	0.50	8.19	—	—	—	15.98
38	Pari	95.34	—	—	—	16.12	—	—	0.12	75.56	6.19	—	—	—	193.33
	Yu	26.47	—	—	—	101.82	—	—	—	67.56	—	—	—	—	195.85
39	Ikan Baja	3,835.02	—	—	—	—	—	16.16	—	—	418.80	—	—	—	4,269.98
	Ikan Campur	179.43	1.45	—	—	62.47	—	7.39	11.00	69.55	58.47	—	—	0.43	390.19
	Jebong	20.60	—	—	—	4.88	—	—	0.53	1.97	3.99	—	—	0.73	32.70
42	Ketam	52.54	—	—	—	84.94	—	—	—	—	9.57	—	—	0.20	147.25
45	Udang Karang/Lobok	25.87	—	—	—	6.24	—	—	0.22	—	—	—	—	14.21	46.54
	Udang Besar	150.05	—	—	—	13.72	—	—	—	—	25.60	—	—	—	189.37
	Udang Sedang	195.67	—	—	—	8.85	—	—	—	—	52.56	—	—	—	257.08
	Udang Kecil	396.35	—	—	—	—	—	—	—	—	53.78	—	—	—	450.13
	Udang Baring	—	—	—	—	—	—	—	—	—	243.87	—	—	—	243.87
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah/Kupang/Tiram	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	0.30	—	—	—	—	—	—	—	—	—	—	—	—	0.30
	Sotong Katak	163.36	—	—	—	—	—	—	—	—	3.75	—	—	—	167.11
	Sotong Biasa	728.02	3.09	—	—	—	—	2.56	—	—	48.46	—	—	—	782.13
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Tan M/Total Tonnes		8,669.52	10,956.39	—	—	1,563.02	965.26	244.43	83.88	3,673.28	1,097.79	—	—	79.97	27,333.54

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN NEGERI, 1983
LANDINGS BY TRAWLERS BY TONNAGE CLASS AND STATE, 1983

Negeri State	Pantai Barat/West Coast									Pantai Timur/East Coast				Jumlah Kecil Sub-Total	Jumlah Besar Tan M. Grand Total Tonnes
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Malaka Malacca	Johor Barat West Johore	Jumlah Kecil Sub-Total	Kelantan	Terengganu	Pahang	Johor Timur East Johore		
Kelas Muatan Tonnage Class															
0.0 — 9.9 tan (tons)	2,338.60	5,239.50	—	4,127.93	6,217.51	—	—	2,797.67	20,721.21	—	3,057.20	1,246.51	154.32	4,458.03	25,179.24
10.0 — 24.9 tan (tons)	1,802.27	12,188.16	—	9,429.87	14,297.25	—	—	4,716.65	42,434.20	805.35	8,941.59	712.13	1,058.26	11,517.33	53,951.53
25.0 — 39.9 tan (tons)	1,971.63	40,585.66	3,418.80	14,393.70	6,748.89	—	—	221.41	67,340.09	185.54	1,327.26	3,443.60	3,353.76	8,310.16	75,650.25
40.0 — 69.9 tan (tons)	823.32	28,049.28	642.00	35,469.45	453.24	—	—	—	65,437.29	—	—	1,379.41	3,984.22	5,363.63	70,800.92
70.0 tan ke atas (70.0 tan & above)	—	—	—	—	—	—	—	—	—	—	—	18.30	118.96	137.26	137.26
Jumlah (tan metrik) Total (tonnes)	6,935.82	86,062.60	4,060.80	63,420.95	27,716.89	—	—	7,735.73	195,932.79	990.89	13,326.05	6,799.95	8,669.52	29,786.41	225,719.20

JADUAL (TABLE) 5.19

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	6,024	2,711	1,929	939	443	2
	No. of trips	1,638,269	813,613	555,662	193,554	75,341	99
	No. of days	1,779,040	813,238	567,004	267,571	131,032	195
	No. of hauls	5,155,855	2,485,567	1,706,834	705,756	257,401	297
	No. of trawling hours	14,918,074	7,298,290	4,808,524	2,047,421	762,948	891
	<i>Species:</i>						
24	Kebasi/Selangat	605.30	55.34	65.27	168.11	316.58	—
	Puput/B. Mata/Tirok	662.38	48.27	173.64	215.02	225.15	0.30
	Terubok	9.66	—	0.41	0.64	8.61	—
25	Slakap	6.03	—	2.11	1.39	2.53	—
31	Lidah	1,775.26	161.46	958.37	369.54	285.89	—
	Sebelah	252.54	21.99	71.64	73.97	84.82	0.12
33	Bayan	3.83	0.10	1.06	1.80	0.87	—
	Biji Nangka	922.33	56.19	357.14	193.69	314.63	0.68
	Daun Baharu	89.55	10.68	26.00	23.53	29.34	—
	Delah	8.91	—	0.26	1.85	6.80	—
	Duri/Pulutan/Utik	815.90	79.43	148.20	329.66	258.07	0.54
	Dengkis/Debam	140.46	2.66	27.72	49.82	58.25	2.11
	Gelama/Tengkerong	5,128.16	564.58	1,442.71	1,720.14	1,400.04	0.69
	Gerut-gerut	539.75	10.44	65.30	199.83	264.18	—
	Jenahak	243.63	0.58	6.29	112.95	123.81	—
	Kaci	71.94	7.05	22.64	11.62	30.30	0.33
	Kerapu	892.22	66.15	152.23	251.89	421.95	—
	Kerisi	7,341.33	229.55	1,348.64	2,226.64	3,517.73	18.77
	Kerisi Bali	79.48	—	—	7.68	71.80	—
	Kikek	542.37	60.04	213.28	110.92	158.01	0.12
	Malong	1,075.87	151.43	378.78	327.44	218.22	—
	Merah	517.39	17.93	50.52	182.55	266.14	0.25
	Mengkerong/Conor/Ubi-ubi	1,374.01	22.76	461.60	351.92	536.92	0.81
	Remong	148.65	18.84	25.84	47.77	54.67	1.53
	Semilang	399.64	47.20	18.21	130.88	203.35	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	687.97	67.80	209.75	245.82	162.76	1.84
	Pasir-pasir	66.85	0.89	7.12	24.21	32.94	1.69
34	Alu-alu/Kacang-kacang	986.22	21.94	137.45	285.61	540.41	0.81
	Aruan Tasik	86.19	0.29	7.32	23.95	54.63	—
	Bawal	1,111.02	42.31	167.30	428.53	472.88	—
	Belanak/Kedera	620.64	14.55	127.48	280.35	198.26	—
	Cermin/Sagai/Cupak	288.79	16.13	140.65	54.96	76.92	0.13
	Cincaru	1,737.70	12.07	181.05	589.26	955.32	—
	Demudok/Rambai	966.30	—	11.35	185.38	769.57	—
	Kurau/Senangin/Senohong	140.90	12.86	59.35	42.54	26.15	—
	Pelata/Selar	1,355.84	1.86	77.79	508.65	766.74	0.80
	Selar Kuning/Lolong	2,121.09	12.35	97.29	999.00	996.33	16.12
	Selayang/Curut	213.74	—	0.12	60.91	152.71	—
	Pisang-pisang	69.47	14.30	37.52	15.30	2.28	0.07
	Talang	183.45	0.16	12.98	112.77	57.48	0.06
35	Bilis	137.07	19.39	49.15	26.90	41.63	—
	Parang-barang	1,043.54	25.57	142.39	405.29	470.10	0.19
	Tamban	1,051.50	8.63	55.06	491.82	495.99	—
	Bulan-bulan	46.70	—	0.89	39.14	6.66	0.01
36	Aya/Kayu/Tongkol	4.90	—	—	1.21	3.69	—
	Layaran/Mersuji	110.34	—	0.65	26.88	82.81	—
27	Kembong/Temenong	19,688.44	29.53	362.09	12,970.32	6,326.25	0.25
	Tenggiri	708.54	4.35	79.21	331.62	293.31	0.05
	Timah/Layor/Selayor	795.73	9.26	60.74	356.55	369.18	—
38	Pari	2,181.35	123.77	689.21	688.93	678.00	1.44
	Yu	597.70	31.02	121.71	269.72	174.95	0.30
39	Ikan Baja	118,261.68	11,899.74	26,755.18	40,621.34	38,914.92	70.50
	Ikan Campur	5,255.72	624.90	1,091.92	1,243.10	2,294.35	1.45
	Jebong	518.25	4.70	245.33	45.07	222.67	0.48
42	Ketam	1,410.65	249.24	524.42	367.55	269.08	0.36
45	Udang Karang/Lubok	151.51	29.43	68.09	40.60	13.39	—
	Udang Besar	1,394.56	253.23	661.17	244.13	234.35	1.68
	Udang Sedang	8,157.35	2,653.34	3,894.76	1,096.55	512.04	0.66
	Udang Kecil	15,447.09	5,359.55	7,928.21	1,433.71	722.98	2.64
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	216.52	27.43	100.68	34.80	53.61	—
	Sotong Katak	2,566.22	216.87	788.54	721.65	836.75	2.41
	Sotong Biasa	8,210.39	485.32	1,104.57	2,955.47	3,657.96	7.07
76	Ubur-ubur	3,480.69	1,273.89	1,935.18	269.41	2.21	—
	Total	225,719.20	25,179.24	53,951.53	75,650.25	70,800.92	137.26

JADUAL (TABLE) 5.20

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
 MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
 FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
 CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	5,143	2,465	1,531	780	367	—
	No. of trips	1,447,883	758,388	461,736	165,705	62,054	—
	No. of days	1,566,658	758,013	470,936	227,693	110,016	—
	No. of hauls	4,587,169	2,328,068	1,421,037	617,381	220,683	—
	No. of trawling hours	13,583,725	6,924,180	4,196,133	1,806,277	657,135	—
	<i>Species:</i>						
24	Kebasi/Selangat	583.21	54.98	54.86	160.63	312.74	—
	Puput/B. Mata/Tirok	646.58	47.85	171.81	209.88	217.04	—
	Terubok	9.66	—	0.41	0.64	8.61	—
25	Siakap	4.83	—	2.05	0.55	2.23	—
31	Lidah	1,711.26	148.53	922.02	357.52	283.19	—
	Sebelah	181.49	14.72	24.79	60.87	81.11	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	329.48	4.17	35.37	60.32	229.62	—
	Daun Baharu	57.79	1.79	12.81	17.16	26.03	—
	Delah	7.50	—	—	0.76	6.74	—
	Duri/Pulutan/Utik	732.40	73.13	122.51	293.84	242.92	—
	Dengkis/Debam	1.07	—	—	—	1.07	—
	Gelama/Tengkerong	4,712.61	515.71	1,260.09	1,605.58	1,331.23	—
	Gerut-gerut	508.07	5.21	48.76	191.87	262.23	—
	Jenahak	236.27	0.58	5.33	110.36	120.00	—
	Kaci	17.88	—	—	1.01	16.87	—
	Kerapu	815.74	51.49	111.23	237.63	415.39	—
	Kerisi	5,325.07	68.42	715.90	1,609.60	2,931.15	—
	Kerisi Bali	79.48	—	—	7.68	71.80	—
	Kikek	189.61	—	3.91	37.14	148.56	—
	Malong	1,073.81	151.43	378.20	326.46	217.72	—
	Merah	414.23	—	5.13	160.10	249.00	—
	Mengkerong/Conor/Ubi-ubi	1,221.20	15.69	396.66	305.14	503.71	—
	Remong/Kunyit-kunyit	22.78	—	—	2.55	20.23	—
	Semilang	398.41	47.15	18.21	129.76	203.29	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	256.18	17.05	39.68	115.07	84.38	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	785.65	7.89	37.62	243.34	496.80	—
	Aruan Tasik	83.65	—	5.97	23.17	54.51	—
	Bawal	1,057.88	38.02	158.52	409.96	451.38	—
	Belanak/Kedera	620.64	14.55	127.48	280.35	198.26	—
	Cermin/Sagai/Cupak	177.84	1.55	100.59	18.84	56.86	—
	Cincaru	1,720.95	11.95	180.80	573.61	954.59	—
	Demudok/Rambai	962.58	—	10.24	183.73	768.61	—
	Kurau/Senangin/Senohong	137.20	12.68	58.63	41.13	24.76	—
	Pelata/Selar	1,229.02	0.20	67.30	449.44	712.08	—
	Selar Kuning/Lolong	872.32	0.61	11.62	420.14	439.95	—
	Selayang/Curut	211.69	—	—	60.73	150.96	—
	Pisang-pisang	0.30	—	—	0.30	—	—
	Talang	181.73	0.16	12.51	112.03	57.03	—
35	Bilis	80.21	10.38	25.47	12.84	31.52	—
	Parang-parang	990.16	19.33	124.11	386.30	460.42	—
	Tamban	1,043.73	8.63	54.14	490.64	490.32	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	4.30	—	—	1.09	3.21	—
	Layaran/Mersuji	110.34	—	0.65	26.88	82.81	—
37	Kembong/Temenong	19,554.83	29.24	356.62	12,927.51	6,241.46	—
	Tenggiri	665.82	2.18	73.56	310.16	279.92	—
	Timah/Layor/Selayor	744.95	7.05	23.14	346.85	367.91	—
38	Parl	1,576.38	53.80	528.19	414.06	580.33	—
	Yu	418.71	3.51	49.75	220.65	144.80	—
39	Ikan Baja	101,659.09	9,124.26	19,850.53	36,184.02	36,500.28	—
	Ikan Campur	4,294.55	422.30	637.18	1,038.14	2,196.93	—
	Jebong	401.09	0.06	201.36	32.53	167.14	—
42	Ketam	1,229.71	202.01	454.95	324.82	247.93	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	1,076.68	188.87	541.22	170.44	176.15	—
	Udang Sedang	7,649.15	2,491.09	3,706.96	996.59	454.51	—
	Udang Kecil	14,328.77	5,001.62	7,469.37	1,265.12	592.66	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	216.22	27.43	100.56	34.80	53.43	—
	Sotong Katak	2,104.68	153.72	664.42	544.55	741.99	—
	Sotong Biasa	6,724.67	396.33	535.83	2,523.80	3,268.71	—
76	Ubur-ubur	3,480.69	1,273.89	1,935.18	269.41	2.21	—
	Total	195,932.79	20,721.21	42,434.20	67,340.09	65,437.29	—

JADUAL (TABLE) 5.21

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN Pendaratan PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	881	246	398	159	76	2
	No. of trips	190,386	55,225	93,926	27,849	13,287	99
	No. of days	212,382	55,225	96,068	39,875	21,016	195
	No. of hauls	568,686	157,499	285,797	88,375	36,718	297
	No. of trawling hours	1,334,349	374,110	612,391	241,144	105,813	891
	<i>Species:</i>						
24	Kebasi/Selangat	22.09	0.36	10.41	7.48	3.84	—
	Puput/B. Mata/Tirok	15.80	0.42	1.83	5.14	8.11	0.30
	Terubok	—	—	—	—	—	—
25	Siakap	1.20	—	0.06	0.84	0.30	—
31	Lidah	64.00	12.93	36.35	12.02	2.70	—
	Sebelah	71.05	7.27	46.85	13.10	3.71	0.12
33	Bayan	3.83	0.10	1.06	1.80	0.87	—
	Biji Nangka	592.85	52.02	321.77	133.37	85.01	0.68
	Daun Baharu	31.76	8.89	13.19	6.37	3.31	—
	Delah	1.41	—	0.26	1.09	0.06	—
	Duri/Pulutan/Utik	83.50	6.30	25.69	35.82	15.15	0.54
	Dengkis/Debam	139.39	2.56	27.72	49.82	57.18	2.11
	Gelama/Tengkerong	415.55	48.87	182.62	114.56	68.81	0.69
	Gerut-gerut	31.88	5.23	16.54	7.96	1.95	—
	Jenahak	7.36	—	0.96	2.59	3.81	—
	Kaci	54.06	7.05	22.64	10.61	13.43	0.33
	Kerapu	76.48	14.66	41.00	14.26	6.56	—
	Kerisi	2,016.26	161.13	632.74	617.04	586.58	18.77
	Kerisi Bali	—	—	—	—	—	—
	Kikek	352.76	60.04	209.37	73.78	9.45	0.12
	Malong	2.06	—	0.58	0.98	0.50	—
	Merah	103.16	17.93	45.39	22.45	17.14	0.25
	Mengkerong/Conor/Ubi-ubi	152.81	7.07	64.94	46.78	33.21	0.81
	Remong/Kunyit-kunyit	125.87	18.84	25.84	45.22	34.44	1.53
	Semilang	1.23	0.05	—	1.12	0.06	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	431.79	50.75	170.07	130.75	78.38	1.84
	Pasir-pasir	66.85	0.89	7.12	24.21	32.94	1.69
34	Alu-alu/Kecang-kacang	200.57	14.05	99.83	42.27	43.61	0.81
	Aruan Tasik	2.54	0.29	1.35	0.78	0.12	—
	Bawal	53.14	4.29	8.78	18.57	21.50	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	110.95	14.58	40.06	36.12	20.06	0.13
	Cincaru	16.75	0.12	0.25	15.65	0.73	—
	Demudok/Rambai	3.72	—	1.11	1.65	0.96	—
	Kurau/Senangin/Senohong	3.70	0.18	0.72	1.41	1.39	—
	Pelata/Selar	126.82	1.66	10.49	59.21	54.66	0.80
	Selar Kuning/Lolong	1,248.77	11.74	85.67	578.86	556.38	16.12
	Selayang/Curut	2.05	—	0.12	0.18	1.75	—
	Pisang-pisang	69.17	14.30	37.52	15.00	2.28	0.07
	Talang	1.72	—	0.47	0.74	0.45	0.06
35	Bilis	56.86	9.01	23.68	14.06	10.11	—
	Parang-parang	53.38	6.24	18.28	18.99	9.68	0.19
	Tamban	7.77	—	0.92	1.18	5.67	—
	Bulan-bulan	46.70	—	0.89	39.14	6.66	0.01
36	Aya/Kayu/Tongkol	0.60	—	—	0.12	0.48	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	133.61	0.29	5.47	42.81	84.79	0.25
	Tenggiri	42.72	2.17	5.65	21.46	13.39	0.05
	Timah/Layar/Selayor	50.78	2.21	37.60	9.70	1.27	—
38	Pari	604.97	69.97	161.02	274.87	97.67	1.44
	Yu	178.99	27.51	71.96	49.07	30.15	0.30
39	Ikan Baja	16,602.59	2,775.48	6,904.65	4,437.32	2,414.64	70.50
	Ikan Campur	961.17	202.60	454.74	204.96	97.42	1.45
	Jebong	117.16	4.64	43.97	12.54	55.53	0.48
42	Ketam	180.94	47.23	69.47	42.73	21.15	0.36
45	Udang Karang/Lubok	151.51	29.43	68.09	40.60	13.39	—
	Udang Besar	317.88	64.36	119.95	73.69	58.20	1.68
	Udang Sedang	508.20	162.25	187.80	99.96	57.53	0.66
	Udang Kecil	1,118.32	357.93	458.84	168.59	130.32	2.64
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	0.30	—	0.12	—	0.18	—
	Sotong Katak	461.54	63.15	124.12	177.10	94.76	2.41
	Sotong Blasa	1,485.72	88.99	568.74	431.67	389.25	7.07
76	Ubur-ubur	—	—	—	—	—	—
	Total	29,786.41	4,458.03	11,517.33	8,310.16	5,363.63	137.26

JADUAL (TABLE) 5.22.1

PERLIS
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	208	75	80	47	6	—
	No. of trips	33,860	18,000	9,600	5,640	720	—
	No. of days	48,880	17,625	18,800	11,045	1,410	—
	No. of hauls	149,760	54,000	57,600	33,840	4,320	—
	No. of trawling hours	449,280	162,000	172,800	101,520	12,960	—
	<i>Species:</i>						
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
37	Lidah	185.26	30.14	72.34	65.99	16.79	—
	Sebelah	23.16	—	—	13.13	10.03	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Uzik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	125.87	16.84	18.73	71.13	19.17	—
	Gerut-gerut	34.37	—	—	16.51	17.86	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	52.27	—	—	27.19	25.08	—
	Kerisi	39.05	—	—	17.28	21.77	—
	Kerisi Bati	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	39.80	—	—	22.41	17.39	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	60.16	16.53	20.99	14.79	7.85	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	45.23	—	10.35	15.89	18.99	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagal/Cupak	—	—	—	—	—	—
	Cincaru	—	—	—	—	—	—
	Demudok/Rambal	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	—	—	—	—	—	—
	Selar Kuning/Lolong	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	89.32	9.14	17.40	38.98	23.80	—
	Tamban	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	31.69	—	—	15.51	16.18	—
	Timah/Layor/Selayor	33.83	—	—	17.35	16.48	—
38	Pari	90.07	—	13.29	41.64	35.14	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	3,785.59	1,868.94	890.44	897.44	128.77	—
	Ikan Campur	186.11	37.35	72.14	47.32	29.30	—
	Jebong	—	—	—	—	—	—
42	Ketam	128.50	31.09	45.74	30.56	21.11	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	126.49	22.69	36.33	37.91	29.56	—
	Udang Sedang	716.91	127.85	249.86	229.25	109.95	—
	Udang Kecil	661.37	125.22	224.77	223.27	88.11	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	228.93	26.78	83.03	54.43	64.69	—
	Sotong Biasa	251.84	26.03	46.86	73.65	105.30	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	6,935.82	2,338.60	1,802.27	1,971.63	823.32	—

JADUAL (TABLE) 5.22.2

KEDAH
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	647	202	135	218	92	—
	No. of trips	188,629	59,388	38,745	64,092	26,404	—
	No. of days	188,629	59,388	38,745	64,092	26,404	—
	No. of hauls	565,887	178,164	116,235	192,276	79,212	—
	No. of trawling hours	1,697,661	534,492	348,705	576,828	237,636	—
	<i>Species:</i>						
24	Kebasi/Selangat	219.99	51.05	9.40	65.30	94.24	—
	Puput/B. Mata/Tirok	94.12	6.27	5.38	45.85	36.62	—
	Terubok	—	—	—	—	—	—
25	Siakap	2.18	—	—	—	2.18	—
31	Lidah	788.96	13.17	509.27	70.08	196.44	—
	Sebelah	43.28	7.63	7.63	15.66	12.36	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	1.82	—	1.43	—	0.39	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	255.67	60.21	11.46	121.90	82.10	—
	Dengkis/Debam	0.58	—	—	—	0.58	—
	Gelama/Tengkerong	1,436.45	135.39	239.35	599.35	462.36	—
	Gerut-gerut	164.29	4.66	23.81	55.05	80.77	—
	Jenahak	104.09	—	—	37.88	66.21	—
	Kaci	—	—	—	—	—	—
	Kerapu	300.23	50.58	92.25	67.73	89.67	—
	Kerisik	1,832.49	68.42	658.12	696.99	408.96	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	14.47	—	3.53	—	10.94	—
	Malong	422.16	45.01	94.88	158.85	123.42	—
	Merah	39.80	—	0.52	22.46	16.82	—
	Mengkerong/Conor/Ubi-ubi	452.27	—	274.77	42.46	135.04	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	186.74	46.78	5.95	80.00	54.01	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	121.65	0.52	7.11	84.44	29.58	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	289.86	—	6.01	116.61	167.24	—
	Aruan Tasik	39.84	—	4.20	19.76	15.88	—
	Bawal	344.89	11.66	4.68	120.11	208.44	—
	Belanak/Kedera	317.01	—	—	173.95	143.06	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—
	Cincaru	267.55	—	—	17.87	249.68	—
	Demudok/Rambai	117.31	—	—	—	117.31	—
	Kurau/Senangin/Senohong	10.60	—	—	—	10.60	—
	Pelata/Selar	295.74	—	—	107.37	188.37	—
	Selar Kuning/Lolong	255.03	—	—	120.85	134.18	—
	Selayang/Curut	33.01	—	—	—	33.01	—
	Pisang-plsang	—	—	—	—	—	—
	Talang	124.38	—	—	90.24	34.14	—
35	Bilis	29.70	—	—	7.46	22.24	—
	Parang-parang	379.12	—	—	128.57	250.55	—
	Tamban	758.04	—	—	369.57	388.47	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	17,083.59	—	57.64	11,924.20	5,101.75	—
	Tenggiri	325.68	—	0.17	159.48	166.03	—
	Timah/Layor/Selayor	341.54	—	1.87	144.65	195.02	—
38	Pari	582.39	—	283.97	139.83	158.59	—
	Yu	206.20	—	11.10	141.26	53.84	—
39	Ikan Baja	47,827.15	2,763.26	7,779.03	21,913.40	15,371.46	—
	Ikan Campur	499.40	81.64	115.66	122.74	179.36	—
	Jebong	—	—	—	—	—	—
42	Ketam	394.88	56.27	86.02	115.92	136.67	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	413.32	57.71	208.99	62.43	84.19	—
	Udang Sedang	1,559.75	476.20	337.50	468.26	277.79	—
	Udang Kecil	2,924.98	957.83	991.57	518.38	457.20	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	212.78	27.43	100.56	33.23	51.56	—
	Sotong Katak	477.10	32.92	181.53	56.82	205.83	—
	Sotong Biasa	3,470.52	284.89	72.80	1,348.70	1,764.13	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	86,062.60	5,239.50	12,188.16	40,585.66	28,049.28	—

JADUAL (TABLE) 5.22.3

PULAU PINANG/*PENANG*
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.6 Tons	70 Tons & above
	No. of fishing units	129	—	—	116	13	—
	No. of trips	38,378	—	—	34,452	3,926	—
	No. of days	38,378	—	—	34,452	3,926	—
	No. of hauls	126,899	—	—	113,912	12,987	—
	No. of trawling hours	333,211	—	—	299,164	34,047	—
	<i>Species:</i>						
24	Kebasi/Selangat	46.28	—	—	36.37	9.91	—
	Puput/B. Mata/Tirok	17.63	—	—	13.69	3.94	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	67.02	—	—	58.82	8.20	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	13.81	—	—	9.89	3.92	—
	Daun Baharu	—	—	—	—	—	—
	Dalah	—	—	—	—	—	—
	Duri/Pulutan/Utik	54.13	—	—	41.07	13.06	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	320.94	—	—	279.88	41.06	—
	Gerut-gerut	16.30	—	—	12.00	4.30	—
	Jenahak	1.47	—	—	1.22	0.25	—
	Kaci	—	—	—	—	—	—
	Kerapu	11.27	—	—	10.10	1.17	—
	Kerisi	67.69	—	—	57.29	10.40	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	36.04	—	—	27.94	8.10	—
	Merah	0.31	—	—	0.10	0.21	—
	Mengkerong/Conor/Ubi-ubi	34.78	—	—	32.21	2.57	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	14.64	—	—	12.13	2.51	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	69.81	—	—	59.15	10.66	—
	Belanak/Kedera	26.43	—	—	17.29	9.14	—
	Cermin/Sagal/Cupak	1.89	—	—	1.58	0.31	—
	Cincaru	38.12	—	—	29.06	9.06	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	4.38	—	—	3.45	0.93	—
	Selar Kuning/Lolong	0.48	—	—	—	0.48	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Blis	—	—	—	—	—	—
	Parang-parang	85.83	—	—	65.85	19.98	—
	Tamban	73.74	—	—	45.24	28.50	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	208.94	—	—	150.97	57.97	—
	Tenggiri	30.59	—	—	22.82	7.77	—
	Timah/Layor/Selayor	61.09	—	—	45.62	15.47	—
38	Pari	19.60	—	—	16.46	3.14	—
	Yu	13.72	—	—	9.49	4.23	—
39	Ikan Baja	1,759.09	—	—	1,517.52	241.57	—
	Ikan Campur	152.46	—	—	125.41	27.05	—
	Jebong	1.68	—	—	0.86	0.82	—
42	Ketam	62.13	—	—	53.06	9.07	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	22.03	—	—	19.55	2.48	—
	Udang Sedang	101.77	—	—	95.48	6.29	—
	Udang Kecil	271.49	—	—	265.14	6.35	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	1.82	—	—	1.35	0.47	—
	Sotong Katak	85.05	—	—	77.13	7.92	—
	Sotong Biasa	266.35	—	—	203.61	62.74	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	4,060.80	—	—	3,418.80	642.00	—

PERAK
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	2,394	1,339	702	141	212	—
	No. of trips	682,976	415,090	216,918	22,560	28,408	—
	No. of days	740,591	415,090	216,918	43,287	65,296	—
	No. of hauls	2,048,928	1,245,270	650,754	67,680	85,224	—
	No. of trawling hours	6,146,784	3,735,810	1,952,262	203,040	255,672	—
<i>Species:</i>							
24	Kebasi/Selangat	309.45	2.63	41.34	57.02	208.46	—
	Puput/B. Mata/Tirok	334.77	—	44.73	115.27	174.77	—
	Terubok	9.66	—	0.41	0.64	8.61	—
25	Siakap	2.65	—	2.05	0.55	0.05	—
31	Lidah	96.71	0.47	33.29	9.41	63.64	—
	Sebelah	86.82	—	12.04	17.13	57.65	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	289.95	—	16.84	47.41	225.70	—
	Daun Baharu	45.06	—	10.37	9.49	25.20	—
	Delah	7.50	—	—	0.76	6.74	—
	Duri/Pulutan/Utik	209.65	0.93	14.01	32.85	161.86	—
	Dengkis/Debam	0.49	—	—	—	0.49	—
	Gelama/Tengkerong	1,344.68	15.21	172.90	364.39	792.18	—
	Gerut-gerut	228.78	—	3.29	68.76	156.73	—
	Jenahak	67.98	—	—	18.26	49.72	—
	Kaci	17.88	—	—	1.01	16.87	—
	Kerapu	391.13	—	2.00	93.18	295.95	—
	Kerisi	3,274.64	—	43.75	753.40	2,477.49	—
	Kerisi Bali	79.48	—	—	7.68	71.80	—
	Kikek	175.11	—	0.38	37.11	137.62	—
	Malong	124.64	3.39	45.53	12.79	62.93	—
	Merah	309.97	—	0.25	81.75	227.97	—
	Mengkerong/Conor/Ubi-ubi	564.42	—	48.59	157.70	358.13	—
	Remong/Kunyit-kunyit	22.78	—	—	2.55	20.23	—
	Semilang	205.70	0.37	10.75	45.42	149.16	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	68.60	—	9.87	11.98	46.75	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kecang-kecang	396.25	—	4.36	68.28	323.61	—
	Aruan Tasik	43.81	—	1.77	3.41	38.63	—
	Bawel	319.49	2.06	28.28	84.27	204.88	—
	Belanak/Kedera	49.59	—	1.75	7.33	40.51	—
	Cermin/Sagal/Cupak	141.86	0.80	80.36	4.80	55.90	—
	Cincaru	1,016.99	—	4.91	329.54	682.54	—
	Demudok/Rambal	822.12	—	10.24	164.12	647.76	—
	Kurau/Senangin/Senohong	21.54	—	2.12	7.20	12.22	—
	Pelata/Selar	810.44	—	45.65	251.55	513.24	—
	Selar Kuning/Lolong	608.83	—	8.67	295.04	305.12	—
	Selayang/Curut	178.23	—	—	60.30	117.93	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	36.34	—	4.48	9.77	22.09	—
35	Billis	13.56	—	—	4.28	9.28	—
	Parang-parang	219.06	0.06	5.44	52.93	160.63	—
	Tamban	135.59	—	10.30	54.27	71.02	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	3.64	—	—	0.48	3.16	—
	Layaran/Mersuji	110.34	—	0.65	26.88	82.81	—
37	Kembong/Temenong	1,606.53	—	57.96	505.42	1,043.15	—
	Tenggiri	149.40	—	20.59	44.33	84.48	—
	Timah/Layor/Selayor	289.39	—	9.77	138.89	140.73	—
38	Parl	483.18	9.23	26.51	75.28	372.16	—
	Yu	106.01	0.20	2.46	20.82	82.53	—
39	Ikan Baja	32,870.78	819.80	2,960.98	8,545.26	20,544.74	—
	Ikan Campur	3,072.66	165.27	227.86	719.60	1,959.93	—
	Jebang	397.22	—	201.08	30.22	165.92	—
42	Ketam	221.90	34.54	76.43	33.29	77.64	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	310.23	50.88	180.91	20.49	57.95	—
	Udang Sedang	2,872.68	1,066.49	1,730.72	18.59	56.78	—
	Udang Kecil	5,016.09	1,931.28	3,022.71	23.44	38.66	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Sliput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	1.62	—	—	0.22	1.40	—
	Sotong Katak	722.33	1.48	61.59	206.37	452.89	—
	Sotong Biasa	2,104.85	22.84	128.93	640.52	1,312.56	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	63,420.95	4,127.93	9,429.87	14,393.70	35,469.45	—

SELANGOR
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	1,409	685	431	249	44	—
	No. of trips	375,915	206,870	130,593	35,856	2,596	—
	No. of days	422,155	206,870	130,593	71,712	12,980	—
	No. of hauls	1,428,609	727,470	459,015	203,184	38,940	—
	No. of trawling hours	4,285,827	2,182,410	1,377,045	609,552	116,820	—
	<i>Species:</i>						
24	Kebasi/Selangat	1.79	—	—	1.66	0.13	—
	Puput/B. Mata/Tirok	55.31	0.67	23.83	29.10	1.71	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	560.05	98.87	299.91	153.05	8.22	—
	Sebelah	28.23	7.09	5.12	14.95	1.07	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	0.03	—	—	0.03	—	—
	Daun Baharu	7.98	—	—	7.54	0.44	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	154.23	2.17	49.54	96.62	5.90	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	1,142.05	228.13	615.84	281.62	16.46	—
	Gerut-gerut	62.30	—	20.22	39.51	2.57	—
	Jenahak	59.82	—	3.90	52.10	3.82	—
	Kaci	—	—	—	—	—	—
	Kerapu	57.26	0.91	13.59	39.24	3.52	—
	Kerisi	111.20	—	14.03	84.64	12.53	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	0.03	—	—	0.03	—	—
	Malong	296.45	47.70	142.78	100.09	5.88	—
	Merah	62.31	—	2.99	55.32	4.00	—
	Mengkerong/Conor/Ubi-ubi	117.99	3.64	37.24	69.14	7.97	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	5.97	—	1.51	4.34	0.12	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	5.77	—	1.71	3.86	0.20	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	74.18	3.79	20.72	46.23	3.44	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	215.43	3.75	74.93	128.34	8.41	—
	Belanak/Kedera	225.58	12.52	125.73	81.78	5.55	—
	Cermin/Sagal/Cupak	20.18	0.56	8.29	10.68	0.65	—
	Cincaru	372.49	9.42	155.49	194.27	13.31	—
	Demudok/Rambai	23.15	—	—	19.61	3.54	—
	Kurau/Senangin/Senohong	60.22	1.26	24.79	32.23	1.94	—
	Pelata/Selar	108.71	—	13.68	85.49	9.54	—
	Selar Kuning/Lolong	6.69	—	2.52	4.00	0.17	—
	Selayang/Curut	0.45	—	—	0.43	0.02	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	17.43	—	4.98	11.65	0.80	—
35	Blilis	—	—	—	—	—	—
	Parang-parang	171.46	0.75	68.29	96.96	5.46	—
	Tamban	21.84	0.24	—	19.27	2.33	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	0.66	—	—	0.61	0.05	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	655.54	29.24	240.84	346.87	38.59	—
	Tenggiri	118.68	0.04	45.96	67.22	5.46	—
	Timah/Layor/Selayor	0.21	—	—	—	0.21	—
38	Pari	314.11	22.60	145.14	135.07	11.30	—
	Yu	90.17	2.26	35.01	48.70	4.20	—
39	Ikan Baja	11,724.04	2,337.94	5,963.20	3,209.16	213.74	—
	Ikan Campur	131.36	54.21	59.57	16.29	1.29	—
	Jebong	1.80	—	—	1.40	0.40	—
42	Ketam	420.89	79.42	246.04	91.99	3.44	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	147.93	36.75	80.77	28.44	1.97	—
	Udang Sedang	2,315.44	782.41	1,345.52	183.81	3.70	—
	Udang Kecil	3,207.03	1,070.22	1,948.14	186.33	2.34	—
	Udang Bering	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	519.82	71.52	290.58	147.06	10.66	—
	Sotong Biasa	541.94	35.54	229.67	252.75	23.98	—
76	Ubur-ubur	3,480.69	1,273.89	1,935.18	269.41	2.21	—
	Total	27,716.89	6,217.51	14,297.25	6,748.89	453.24	—

NEGERI SEMBILAN
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	—	—	—	—	—	—
	No. of trips	—	—	—	—	—	—
	No. of days	—	—	—	—	—	—
	No. of hauls	—	—	—	—	—	—
	No. of trawling hours	—	—	—	—	—	—
	<i>Species:</i>						
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	—	—	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikok	—	—	—	—	—	—
	Malong	—	—	—	—	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	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	—	—	—	—	—	—
	Tamban	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layar/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	—	—	—	—	—	—
	Ikan Campur	—	—	—	—	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	—	—	—	—	—	—

JADUAL (TABLE) 5.22.7

MELAKA/MALACCA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	—	—	—	—	—	—
	No. of trips	—	—	—	—	—	—
	No. of days	—	—	—	—	—	—
	No. of hauls	—	—	—	—	—	—
	No. of trawling hours	—	—	—	—	—	—
	<i>Species:</i>						
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Slakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	—	—	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	—	—	—	—	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	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	Billis	—	—	—	—	—	—
	Parang-parang	—	—	—	—	—	—
	Tamban	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layor/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	—	—	—	—	—	—
	Ikan Campur	—	—	—	—	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Blasa	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	—	—	—	—	—	—

JOHOR BARAT/WEST JOHORE
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	356	164	183	9	—	—
	No. of trips	128,025	59,040	65,880	3,105	—	—
	No. of days	128,025	59,040	65,880	3,105	—	—
	No. of hauls	267,086	123,164	137,433	6,489	—	—
	No. of trawling hours	670,962	309,468	345,321	16,173	—	—
	<i>Species:</i>						
24	Kebasi/Selangat	5.70	1.30	4.12	0.28	—	—
	Puput/B. Mata/Tirok	144.75	40.91	97.87	5.97	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	13.26	5.88	7.21	0.17	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	25.69	4.17	18.53	2.99	—	—
	Daun Beharu	2.93	1.79	1.01	0.13	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	58.72	9.82	47.60	1.40	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	342.62	120.14	213.27	9.21	—	—
	Gerut-gerut	2.03	0.55	1.44	0.04	—	—
	Jenahak	2.91	0.58	1.43	0.90	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	3.58	—	3.39	0.19	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	154.72	55.33	95.01	4.38	—	—
	Merah	1.84	—	1.37	0.47	—	—
	Mengkerong/Conor/Ubl-ubi	51.74	12.05	36.06	3.63	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	10.72	4.10	6.53	0.09	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	63.03	20.55	40.28	2.20	—	—
	Belanak/Kedera	2.03	2.03	—	—	—	—
	Cermin/Sagai/Cupak	13.91	0.19	11.94	1.78	—	—
	Cincaru	25.80	2.53	20.40	2.87	—	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	44.84	11.42	31.72	1.70	—	—
	Polata/Selar	9.75	0.20	7.97	1.58	—	—
	Selar Kuning/Lolong	1.29	0.61	0.43	0.25	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	0.30	—	—	0.30	—	—
	Talang	3.58	0.16	3.05	0.37	—	—
35	Bilis	36.95	10.38	25.47	1.10	—	—
	Parang-parang	45.37	9.38	32.98	3.01	—	—
	Tamban	54.52	8.39	43.84	2.29	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layan/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	0.23	—	0.18	0.05	—	—
	Tenggiri	9.78	2.14	6.84	0.80	—	—
	Timah/Layar/Selayor	18.89	7.05	11.50	0.34	—	—
38	Pari	87.03	21.97	59.28	5.78	—	—
	Yu	2.61	1.05	1.18	0.38	—	—
39	Ikan Baja	3,692.44	1,334.32	2,256.88	101.24	—	—
	Ikan Campur	252.56	83.83	161.95	6.78	—	—
	Jebong	0.39	0.06	0.28	0.05	—	—
42	Ketam	1.41	0.69	0.72	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	56.68	20.84	34.22	1.62	—	—
	Udang Sedang	82.70	38.14	43.36	1.20	—	—
	Udang Kecil	2,247.81	917.07	1,282.18	48.56	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	71.45	21.02	47.69	2.74	—	—
	Sotong Biasa	89.17	27.03	57.57	4.57	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	7,735.73	2,797.67	4,716.65	221.41	—	—

JADUAL (TABLE) 5.22.9

KELANTAN
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	118	—	110	8	—	—
	No. of trips	24,638	—	24,310	328	—	—
	No. of days	24,950	—	24,310	640	—	—
	No. of hauls	84,902	—	81,950	2,952	—	—
	No. of trawling hours	171,420	—	163,900	7,520	—	—
<i>Species:</i>							
24	Kebasi/Selangat	6.93	—	6.93	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	4.52	—	3.37	1.15	—	—
	Sebelah	8.18	—	4.23	3.95	—	—
33	Bayan	—	—	—	—	—	—
	3iji Nangka	56.90	—	46.50	10.40	—	—
	Daun Baharu	1.59	—	1.54	0.05	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	0.62	—	0.62	—	—	—
	Dengkis/Debam	6.39	—	4.69	1.70	—	—
	Gelama/Tengkerong	54.86	—	46.06	8.80	—	—
	Gerut-gerut	10.13	—	6.83	3.30	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	0.48	—	—	0.48	—	—
	Kerapu	0.97	—	0.37	0.60	—	—
	Kerisi	79.90	—	50.79	29.11	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	73.18	—	41.65	31.53	—	—
	Malong	0.21	—	0.15	0.06	—	—
	Merah	4.17	—	1.83	2.34	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	13.37	—	6.75	6.62	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	5.25	—	0.33	4.92	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	9.80	—	7.88	1.92	—	—
	Aruan Tasik	0.67	—	0.44	0.23	—	—
	Bawal	2.30	—	2.17	0.13	—	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	2.88	—	0.70	2.18	—	—
	Cincar	0.02	—	—	0.02	—	—
	Demudok/Rambai	0.59	—	0.59	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	10.00	—	1.10	8.90	—	—
	Selar Kuning/Lolong	18.75	—	8.43	10.32	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	0.58	—	—	0.58	—	—
	Talang	0.22	—	0.22	—	—	—
35	Bilis	20.89	—	19.65	1.24	—	—
	Parang-parang	12.75	—	11.96	0.79	—	—
	Tamban	1.06	—	—	1.06	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	0.15	—	0.15	—	—	—
	Tenggiri	1.19	—	0.74	0.45	—	—
	Timah/Layor/Selayor	27.45	—	22.78	4.67	—	—
38	Pari	29.01	—	5.61	23.40	—	—
	Yu	0.81	—	0.22	0.59	—	—
39	Ikan Baja	38.39	—	33.41	4.98	—	—
	Ikan Campur	48.21	—	44.65	3.56	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	15.80	—	15.74	0.06	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	19.86	—	18.92	0.94	—	—
	Udang Sedang	33.55	—	32.63	0.92	—	—
	Udang Kecil	109.73	—	108.79	0.94	—	—
	Udang Bering	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	4.03	—	2.86	1.17	—	—
	Sotong Biasa	254.55	—	243.07	11.48	—	—
76	Ubur-ubur	—	—	—	—	—	—
Total		990.89	—	805.35	185.54	—	—

JADUAL (TABLE) 5.22.10

TERENGGANU
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	249	59	170	20	—	—
	No. of trips	62,225	15,045	43,860	3,320	—	—
	No. of days	62,545	15,045	43,860	3,640	—	—
	No. of hauls	191,763	44,073	131,410	16,280	—	—
	No. of trawling hours	392,410	90,270	262,820	39,320	—	—
<i>Species:</i>							
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	37.94	6.78	29.00	2.16	—	—
	Sebelah	55.43	7.06	42.22	6.15	—	—
33	Bayan	1.32	—	0.82	0.50	—	—
	Biji Nangka	333.78	48.29	251.25	34.24	—	—
	Daun Baharu	14.60	4.69	8.41	1.50	—	—
	Delah	0.35	—	0.26	0.09	—	—
	Duri/Pulutan/Utik	31.32	4.25	19.72	7.35	—	—
	Dengkis/Debam	20.71	2.50	14.51	3.70	—	—
	Gelama/Tengkerong	114.26	18.89	79.67	15.90	—	—
	Gerut-gerut	12.74	3.07	7.89	1.78	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	27.70	6.82	18.53	2.35	—	—
	Kerapu	61.00	14.62	38.58	7.80	—	—
	Kerisi	704.52	100.96	488.73	114.83	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	209.18	37.58	155.68	15.92	—	—
	Malong	—	—	—	—	—	—
	Merah	62.91	16.30	40.50	6.11	—	—
	Mengkerong/Conor/Ubi-ubi	72.19	6.79	55.44	9.96	—	—
	Remong/Kunyit-kunyit	21.74	5.90	11.86	3.98	—	—
	Semilang	0.08	—	—	0.08	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	190.51	29.52	139.02	21.97	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	113.30	13.56	85.17	14.57	—	—
	Aruan Tasik	1.63	0.29	0.91	0.43	—	—
	Bawal	0.40	—	0.31	0.09	—	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagal/Cupak	48.38	6.80	32.80	8.78	—	—
	Cincaru	—	—	—	—	—	—
	Demudok/Rambai	0.22	—	0.22	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	0.59	—	0.36	0.23	—	—
	Selar/Kuning/Lolong	35.59	—	—	35.59	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	57.47	14.30	36.68	6.49	—	—
	Talang	—	—	—	—	—	—
35	Billis	—	—	—	—	—	—
	Parang-parang	0.38	—	—	0.38	—	—
	Tamban	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layor/Selayor	18.93	1.94	13.42	3.57	—	—
38	Pari	165.96	34.71	113.08	18.17	—	—
	Yu	94.84	20.79	62.72	11.33	—	—
39	Ikan Baja	9,050.51	2,186.48	6,047.20	816.83	—	—
	Ikan Campur	586.06	162.61	357.95	65.50	—	—
	Jebong	50.28	4.64	41.19	4.45	—	—
42	Ketam	48.95	12.07	32.02	4.86	—	—
45	Udang Karang/Lubok	106.34	25.51	61.39	19.44	—	—
	Udang Besar	90.86	24.98	60.73	5.15	—	—
	Udang Sedang	118.08	34.25	78.49	5.34	—	—
	Udang Kecil	336.02	114.87	209.37	11.78	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	119.80	25.16	77.03	17.61	—	—
	Sotong Biasa	309.18	60.42	228.46	20.30	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	13,326.05	3,057.20	8,941.59	1,327.26	—	—

PAHANG
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	277	160	55	44	17	1
	No. of trips	58,444	34,240	11,770	8,976	3,434	24
	No. of days	58,444	34,240	11,770	8,976	3,434	24
	No. of hauls	165,053	97,280	33,440	24,860	9,401	72
	No. of trawling hours	429,329	249,280	85,690	67,980	26,163	216
	<i>Species:</i>						
24	Kebasi/Selangat	1.45	—	0.10	1.13	0.22	—
	Puput/B. Mata/Tirok	0.03	—	0.03	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	19.50	6.03	3.44	8.11	1.92	—
	Sebelah	0.76	0.21	0.04	0.29	0.22	—
33	Bayan	2.51	0.10	0.24	1.30	0.87	—
	Biji Nangka	26.36	3.73	2.78	11.00	8.83	0.02
	Daun Baharu	10.16	4.08	2.46	2.36	1.26	—
	Delah	1.00	—	—	1.00	—	—
	Duri/Pulutan/Utik	27.99	1.99	1.55	18.80	5.47	0.18
	Dengkis/Debam	10.80	—	—	4.07	6.73	—
	Gelama/Tengkerong	85.34	26.50	13.75	37.11	7.83	0.15
	Gerut-gerut	4.54	2.10	0.74	1.37	0.33	—
	Jenahak	—	—	—	—	—	—
	Kaci	8.37	0.23	2.49	1.93	3.69	0.03
	Kerapu	2.44	0.04	—	0.79	1.61	—
	Kerisi	362.13	60.17	29.80	159.31	109.27	3.58
	Kerisi Bali	—	—	—	—	—	—
	Kikek	49.50	22.40	5.28	18.53	3.17	0.12
	Malong	0.95	—	0.07	0.56	0.32	—
	Merah	6.99	1.63	1.20	2.80	1.35	0.01
	Mengkerong/Conor/Ubi-ubi	22.54	0.04	0.56	16.03	5.58	0.33
	Remong/Kunyit-kunyit	33.53	12.94	0.94	13.51	5.63	0.51
	Semilang	1.09	0.05	—	1.04	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	82.58	20.63	8.58	39.56	13.66	0.15
	Pasir-pasir	38.21	0.89	3.02	12.54	20.67	1.09
34	Alu-alu/Kacang-kacang	29.95	0.49	2.38	9.15	17.66	0.27
	Aruan Tasik	—	—	—	—	—	—
	Bawal	17.70	3.93	3.17	5.78	4.82	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	33.52	7.72	4.27	16.22	5.30	0.01
	Cincaru	16.67	0.12	0.25	15.57	0.73	—
	Demudok/Rambai	0.44	—	—	0.44	—	—
	Kurau/Senangin/Senohong	0.02	—	—	0.02	—	—
	Pelata/Selar	52.71	1.66	4.74	28.39	17.84	0.08
	Selar Kuning/Lolong	504.67	11.74	39.13	275.90	172.77	5.13
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	8.95	—	0.36	6.66	1.86	0.07
	Talang	0.96	—	0.25	0.62	0.09	—
35	Bilis	20.49	9.01	1.43	7.26	2.79	—
	Parang-parang	23.64	5.76	4.22	10.73	2.92	0.01
	Tamban	0.36	—	0.07	—	0.29	—
	Bulan-bulan	46.70	—	0.89	39.14	6.66	0.01
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	29.67	0.29	2.30	19.77	7.30	0.01
	Tenggiri	24.79	2.17	3.64	14.60	4.33	0.05
	Timah/Layor/Selayor	0.49	0.09	0.08	0.32	—	—
38	Pari	314.66	33.58	22.42	198.36	60.18	0.12
	Yu	56.87	6.48	4.20	26.57	19.62	—
39	Ikan Baja	3,678.67	528.45	375.96	2,079.99	689.23	5.04
	Ikan Campur	147.47	34.26	19.18	65.80	27.32	0.91
	Jebong	46.28	—	—	—	46.28	—
42	Ketam	63.65	30.87	9.61	18.52	4.65	—
45	Udang Karang/Lubok	19.30	2.41	1.50	11.24	4.15	—
	Udang Besar	57.11	31.77	12.06	12.01	1.27	—
	Udang Sedang	160.90	106.17	27.07	21.60	6.06	—
	Udang Kecil	276.22	200.72	51.97	18.67	4.86	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	174.35	37.15	22.82	89.25	25.13	—
	Sotong Biasa	193.97	27.91	21.09	97.88	46.67	0.42
76	Ubur-ubur	—	—	—	—	—	—
	Total	6,799.95	1,246.51	712.13	3,443.60	1,379.41	18.30

JOHOR TIMUR/EAST JOHORE
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	237	27	63	87	59	7
	No. of trips	45,079	5,940	13,986	15,225	9,853	75
	No. of days	66,443	5,940	16,128	26,622	17,582	171
	No. of hauls	126,968	16,146	38,997	44,283	27,317	225
	No. of trawling hours	341,190	34,560	99,981	126,324	79,650	675
	<i>Species:</i>						
24	Kebasi/Selangat	13.71	0.36	3.38	6.35	3.62	—
	Puput/B. Mata/Tirok	15.77	0.42	1.80	5.14	8.11	0.30
	Terubok	—	—	—	—	—	—
25	Siakap	1.20	—	0.06	0.84	0.30	—
31	Lidah	2.04	0.12	0.54	0.60	0.78	—
	Sebelah	6.68	—	0.36	2.71	3.49	0.12
33	Bayan	—	—	—	—	—	—
	Biji Nangka	175.81	—	21.24	77.73	76.18	0.66
	Daun Baharu	5.41	0.12	0.78	2.46	2.05	—
	Delah	0.06	—	—	—	0.06	—
	Duri/Pulutan/Utik	23.57	0.06	3.80	9.67	9.68	0.36
	Dengkis/Debam	101.49	0.06	8.52	40.35	50.45	2.11
	Gelama/Temgkerong	161.09	3.68	43.14	52.75	60.98	0.54
	Gerut-gerut	4.27	0.06	1.08	1.51	1.62	—
	Jenahak	7.36	—	0.96	2.59	3.81	—
	Kaci	17.51	—	1.62	5.85	9.74	0.30
	Kerapu	12.07	—	2.05	5.07	4.95	—
	Kerisi	869.71	—	63.42	313.79	477.31	15.19
	Kerisi Bali	—	—	—	—	—	—
	Kikek	20.90	0.06	6.76	7.80	6.28	—
	Malong	0.90	—	0.36	0.36	0.18	—
	Merah	29.09	—	1.86	11.20	15.79	0.24
	Mengkerong/Conor/Ubi-ubi	58.08	0.24	8.94	20.79	27.63	0.48
	Remong/Kunyit-kunyit	67.23	—	6.29	21.11	28.81	1.02
	Semilang	0.06	—	—	—	0.06	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	153.45	0.60	22.14	64.30	64.72	1.69
	Pasir-pasir	28.64	—	4.10	11.67	12.27	0.60
34	Alu-alu/Kacang-kacang	47.52	—	4.40	16.63	25.95	0.54
	Aruan Tasik	0.24	—	—	0.12	0.12	—
	Bawal	32.74	0.36	3.13	12.57	16.68	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	26.17	0.06	2.29	8.94	14.76	0.12
	Cincaru	0.06	—	—	0.06	—	—
	Demudok/Rambai	2.47	—	0.30	1.21	0.96	—
	Kurau/Senangin/Senohong	3.68	0.18	0.72	1.39	1.39	—
	Pulata/Selar	63.52	—	4.29	21.69	36.82	0.72
	Selar Kuning/Lolong	689.76	—	38.11	257.05	383.61	10.99
	Selayang/Curut	2.05	—	0.12	0.18	1.75	—
	Pisang-pisang	2.17	—	0.48	1.27	0.42	—
	Talang	0.54	—	—	0.12	0.36	0.06
35	Billis	15.48	—	2.60	5.56	7.32	—
	Parang-parang	16.61	0.48	2.10	7.09	6.76	0.18
	Tamban	6.35	—	0.85	0.12	5.38	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	0.60	—	—	0.12	0.48	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	103.79	—	3.02	23.04	77.49	0.24
	Tenggiri	16.74	—	1.27	6.41	9.06	—
	Timah/Layor/Selayor	3.91	0.18	1.32	1.14	1.27	—
38	Pari	95.34	1.68	19.91	34.94	37.49	1.32
	Yu	26.47	0.24	4.82	10.58	10.53	0.30
39	Ikan Baja	3,835.02	60.55	448.08	1,535.52	1,725.41	65.46
	Ikan Campur	179.43	5.73	32.96	70.10	70.10	0.54
	Jebong	20.60	—	2.78	8.09	9.25	0.48
42	Ketam	52.54	4.29	12.10	19.29	16.50	0.36
45	Udang Karang/Lubok	25.87	1.51	5.20	9.92	9.24	—
	Udang Besar	150.05	7.61	28.24	55.59	56.93	1.68
	Udang Sedang	195.67	21.83	49.61	72.10	51.47	0.66
	Udang Kecil	396.35	42.34	88.71	137.20	125.46	2.64
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	0.30	—	0.12	—	0.18	—
	Sotong Katak	163.36	0.84	21.41	69.07	69.63	2.41
	Sotong Biasa	728.02	0.66	76.12	302.01	342.58	6.65
76	Ubur-ubur	—	—	—	—	—	—
	Total	8,669.52	154.32	1,058.26	3,353.76	3,984.22	118.96

JADUAL (TABLE) 5.23

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
 MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
 FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
 CLASS AND SPECIES, 1983

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	564	—	84	242	235	3
	No. of trips	117,145	—	17,915	51,506	47,548	176
	No. of days	127,328	—	17,890	56,106	52,866	466
	No. of hauls	180,539	—	48,473	72,791	59,183	92
	<i>Species:</i>						
24	Kebasi/Selangat	130.07	—	130.07	—	—	—
	Puput/B. Mata/Tirok	93.25	—	—	—	93.25	—
	Terubok	18.40	—	4.22	4.48	8.88	0.82
25	Siakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	<i>Blil Nangka</i>	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	1.00	—	—	1.00	—	—
	Duri/Pulutan/Utik	11.91	—	8.54	3.37	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	0.81	—	—	0.23	0.58	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	26.50	—	4.00	3.10	19.40	—
	Malong	—	—	—	—	—	—
	Merah	8.00	—	—	8.00	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	12.73	—	1.60	5.18	5.95	—
	Aruan Tasik	1.13	—	—	—	1.13	—
	Bawal	2,574.81	—	14.45	1,185.50	1,152.77	222.09
	Belanak/Kedera	1,006.84	—	1,006.84	—	—	—
	Cermin/Sagai/Cupak	127.31	—	4.36	117.67	5.28	—
	Cincaru	8,362.01	—	—	3,379.91	4,788.34	193.76
	Demudok/Rambai	69.28	—	18.18	3.63	47.47	—
	Kurau/Senangin/Senohong	0.76	—	0.18	—	0.58	—
	Pelata/Selar	9,479.78	—	2,262.52	4,080.60	3,128.91	7.75
	Selar Kuning/Lolong	6,044.51	—	958.45	2,607.47	2,475.21	3.38
	Selayang/Curut	19,424.51	—	1,684.95	8,467.32	9,155.13	117.11
	Pisang-pisang	57.62	—	—	28.56	29.06	—
	Talang	13.73	—	—	10.47	3.26	—
35	Bilis	—	—	—	—	—	—
	Perang-parang	—	—	—	—	—	—
	Tamban	17,753.18	—	2,339.04	7,404.84	8,006.30	3.00
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	3,798.97	—	459.18	1,066.79	2,272.79	0.21
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	61,154.40	—	7,647.14	25,393.49	27,718.71	395.06
	Tenggiri	216.84	—	96.43	90.91	29.50	—
	Timah/Layor/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	0.42	—	—	0.42	—	—
39	Ikan Baja	747.66	—	662.09	17.00	66.00	2.57
	Ikan Campur	3,088.78	—	971.69	1,265.26	828.46	23.37
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	19.04	—	19.04	—	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	532.76	—	249.97	170.03	110.01	2.75
76	Ubur-ubur	—	—	—	—	—	—
	Total	134,777.01	—	18,542.94	55,315.23	59,946.97	971.87

JADUAL (TABLE) 5.24

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
 MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
 FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
 CLASS AND SPECIES, 1983

ISSCAAP GROUP NO	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	330	—	21	157	150	2
	No. of trips	72,827	—	5,248	35,127	32,312	140
	No. of days	83,010	—	5,223	39,727	37,630	430
	No. of hauls	60,120	—	10,736	28,071	21,313	—
	<i>Species:</i>						
24	Kebasi/Selangat	130.07	—	130.07	—	—	—
	Puput/B, Mata/Tirok	93.25	—	—	—	93.25	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	0.81	—	—	0.23	0.58	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	—	—	—	—	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-elu/Kacang-kacang	0.73	—	—	—	0.73	—
	Aruan Tasik	1.13	—	—	—	1.13	—
	Bawal	2,410.34	—	—	1,133.70	1,054.55	222.09
	Belanak/Kedera	1,006.84	—	1,006.84	—	—	—
	Carmin/Sagal/Cupak	1.17	—	—	—	1.17	—
	Cincar	8,326.97	—	—	3,357.01	4,776.20	193.76
	Demudok/Rambai	0.14	—	—	—	0.14	—
	Kurau/Senangin/Senohong	0.76	—	0.18	—	0.58	—
	Pelata/Selar	2,543.15	—	—	1,072.18	1,470.97	—
	Selar Kuning/Lolong	1,356.08	—	—	849.08	503.62	3.38
	Selayang/Curut	11,146.69	—	—	5,198.58	5,831.00	117.11
	Pisang-pisang	55.68	—	—	27.65	28.03	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	—	—	—	—	—	—
	Tamban	6,262.89	—	141.33	3,465.48	2,656.08	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	2,477.91	—	—	781.37	1,696.33	0.21
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	37,509.55	—	1,212.30	16,422.44	19,515.92	358.89
	Tenggiri	7.29	—	—	—	7.29	—
	Timah/Layor/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	664.66	—	662.09	—	—	2.57
	Ikan Campur	125.74	—	—	33.40	68.97	23.37
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	19.04	—	19.04	—	—	—
	Udang Barling	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	74,140.89	—	3,171.85	32,341.12	37,706.64	921.38

JADUAL (TABLE) 5.25

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
 MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
 FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
 CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	234	—	63	85	85	1
	No. of trips	44,318	—	12,667	16,379	15,236	36
	No. of days	44,318	—	12,667	16,379	15,236	36
	No. of hauls	120,419	—	37,737	44,720	37,870	92
	<i>Species:</i>						
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	18.40	—	4.22	4.48	8.88	0.82
25	Siakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	1.00	—	—	1.00	—	—
	Duri/Pulutan/Utik	11.91	—	8.54	3.37	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	—	—	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	26.50	—	4.00	3.10	19.40	—
	Malong	—	—	—	—	—	—
	Merah	8.00	—	—	8.00	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	12.00	—	1.60	5.18	5.22	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	164.47	—	14.45	51.80	98.22	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	126.14	—	4.36	117.67	4.11	—
	Cincaru	35.04	—	—	22.90	12.14	—
	Demudok/Rambai	69.14	—	18.18	3.63	47.33	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Palata/Selar	6,936.63	—	2,262.52	3,008.42	1,657.94	7.75
	Selar Kuning/Lolong	4,688.43	—	958.45	1,758.39	1,971.59	—
	Selayang/Curut	8,277.82	—	1,684.95	3,268.74	3,324.13	—
	Pisang-pisang	1.94	—	—	0.91	1.03	—
	Talang	13.73	—	—	10.47	3.26	—
35	Billis	—	—	—	—	—	—
	Parang-parang	—	—	—	—	—	—
	Tamban	11,490.29	—	2,197.71	3,939.36	5,350.22	3.00
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	1,321.06	—	459.18	285.42	576.46	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temehong	23,644.85	—	6,434.84	8,971.05	8,202.79	36.17
	Tenggiri	209.55	—	96.43	90.91	22.21	—
	Timah/Layar/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	0.42	—	—	0.42	—	—
39	Ikan Baja	83.00	—	—	17.00	66.00	—
	Ikan Campur	2,963.04	—	971.69	1,231.86	759.49	—
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	532.76	—	249.97	170.03	110.01	2.75
76	Ubur-ubur	—	—	—	—	—	—
	Total	60,636.12	—	15,371.09	22,974.11	22,240.43	50.49

JADUAL (TABLE) 5.26.1

PERLIS
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 30.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	79	—	5	40	32	2
	No. of trips	9,980	—	1,200	4,800	3,840	140
	No. of days	18,525	—	1,175	9,400	7,520	430
	No. of hauls	—	—	—	—	—	—
	<i>Species:</i>						
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Galama/Temgkerong	—	—	—	—	—	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	—	—	—	—	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	376.63	—	—	52.28	102.26	222.09
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—
	Cincaru	1,638.86	—	—	632.76	812.34	193.76
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	1,875.45	—	—	824.42	1,061.03	—
	Selar Kuning/Lolong	1,338.92	—	—	849.08	486.46	3.38
	Selayang/Curut	8,062.44	—	—	3,281.52	4,663.81	117.11
	Pisang-pisang	55.68	—	—	27.65	28.03	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	—	—	—	—	—	—
	Tamban	2,772.56	—	—	1,949.97	822.59	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	397.92	—	—	282.54	115.17	0.21
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	15,050.16	—	790.00	7,338.89	6,562.38	358.89
	Tenggiri	—	—	—	—	—	—
	Timah/Layor/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	—	—	—	—	—	—
39	Ikan Beja	2.57	—	—	—	—	2.57
	Ikan Campur	23.37	—	—	—	—	23.37
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	31,594.56	—	790.00	15,239.11	14,644.07	921.38

JADUAL (TABLE) 5.26.2

KEDAH
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	31	—	—	18	13	—
	No. of trips	9,114	—	—	5,292	3,822	—
	No. of days	9,114	—	—	5,292	3,822	—
	No. of hauls	5,425	—	—	3,150	2,275	—
	<i>Species:</i>						
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sabelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dangkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	—	—	—
	Gerut-gerut	—	—	—	—	—	—
	Jannahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	—	—	—	—	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semliang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	0.73	—	—	—	0.73	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	28.87	—	—	18.42	10.45	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—
	Cincar	177.75	—	—	87.64	90.11	—
	Damudok/Rambai	0.14	—	—	—	0.14	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	114.56	—	—	37.06	77.50	—
	Selar Kuning/Lolong	17.16	—	—	—	17.16	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	—	—	—	—	—	—
	Tamban	112.14	—	—	39.00	73.14	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Keyu/Tongkol	334.60	—	—	80.45	254.15	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	4,791.70	—	—	2,122.41	2,669.29	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layar/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	—	—	—	—	—	—
	Ikan Campur	1.76	—	—	—	1.76	—
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	—	—	—	—	—	—
	Udang Berling	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	5,579.41	—	—	2,364.98	3,194.43	—

JADUAL (TABLE) 5.26.3

PULAU PINANG/*PENANG*
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	73	—	16	33	24	—
	No. of trips	15,097	—	4,048	7,161	3,888	—
	No. of days	15,097	—	4,048	7,161	3,888	—
	No. of hauls	36,539	—	10,736	14,619	11,184	—
	<i>Species:</i>						
24	Kebasi/Selangat	130.07	—	130.07	—	—	—
	Puput/B. Mata/Tirok	93.25	—	—	—	93.25	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dangkis/Debam	—	—	—	—	—	—
	Galama/Tengkerong	—	—	—	—	—	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	—	—	—	—	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyt-kunyt	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	1,373.08	—	—	812.29	560.79	—
	Belanak/Kedera	1,006.84	—	1,006.84	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—
	Cincaru	54.00	—	—	—	54.00	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	0.18	—	0.18	—	—	—
	Pelata/Selar	82.94	—	—	53.94	29.00	—
	Selar Kuning/Lolong	—	—	—	—	—	—
	Selayang/Curut	2,450.68	—	—	1,720.27	730.41	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Billis	—	—	—	—	—	—
	Parang-parang	—	—	—	—	—	—
	Tamban	1,627.86	—	141.33	1,137.25	349.28	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	51.00	—	—	—	51.00	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	6,427.14	—	422.30	2,282.33	3,722.51	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layor/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	662.09	—	662.09	—	—	—
	Ikan Campur	—	—	—	—	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	19.04	—	19.04	—	—	—
	Udang baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	13,978.17	—	2,381.85	6,006.08	5,590.24	—

PERAK
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	116	—	—	49	67	—
	No. of trips	34,104	—	—	14,406	19,698	—
	No. of days	34,104	—	—	14,406	19,698	—
	No. of hauls	—	—	—	—	—	—
	<i>Species:</i>						
24	Kebasi/Selangit	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Slakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	0.81	—	—	0.23	0.58	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	—	—	—	—	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	—	—	—	—	—	—
	Aruan Tasik	1.13	—	—	—	1.13	—
	Bawal	483.86	—	—	202.71	281.15	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	1.17	—	—	—	1.17	—
	Cincaru	5,288.40	—	—	1,682.13	3,606.27	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	0.58	—	—	—	0.58	—
	Pelata/Selar	436.38	—	—	122.94	313.44	—
	Selar Kuning/Lolong	—	—	—	—	—	—
	Selayang/Curut	633.57	—	—	196.79	436.78	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	1,692.58	—	—	281.51	1,411.07	—
	Tarnban	—	—	—	—	—	—
36	Bulan-bulan	1,595.47	—	—	326.51	1,268.96	—
	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temahong	9,008.34	—	—	2,718.60	6,289.74	—
	Tenggiri	7.29	—	—	—	7.29	—
	Timah/Layar/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	—	—	—	—	—	—
	Ikan Campur	100.61	—	—	33.40	67.21	—
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	19,250.19	—	—	5,564.82	13,685.37	—

JADUAL (TABLE) 5.26.5

SELANGOR
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fishing units	31	—	—	17	14	—
	No. of trips	4,532	—	—	3,468	1,064	—
	No. of days	6,170	—	—	3,468	2,702	—
	No. of hauls	18,156	—	—	10,302	7,854	—
	<i>Species:</i>						
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	—	—	—
	Gerut-gerut	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	—	—	—	—	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	147.90	—	—	48.00	99.90	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—
	Cincaru	1,167.96	—	—	954.48	213.48	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	33.82	—	—	33.82	—	—
	Selar Kuning/Lolong	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	—	—	—	—	—	—
	Tamban	57.75	—	—	57.75	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	98.92	—	—	91.87	7.05	—
	Layaran/Mersuji	—	—	—	—	—	—
37	kembong/Temanong	2,232.21	—	—	1,960.21	272.00	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layor/Selayor	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	—	—	—	—	—	—
	Ikan Campur	—	—	—	—	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—
45	Udang Karang/Lubok	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—
	Udang Sedang	—	—	—	—	—	—
	Udang Kecil	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	3,738.56	—	—	3,146.13	592.43	—

NEGERI SEMBILAN
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

Fishing Effort	Total	Tonnage Class				
		0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
No. of fishing units	—	—	—	—	—	—
No. of trips	—	—	—	—	—	—
No. of days	—	—	—	—	—	—
No. of hauls	—	—	—	—	—	—
<i>Species:</i>						
24 Kebasi/Selangat	—	—	—	—	—	—
Puput/B. Mata/Tirok	—	—	—	—	—	—
Terubok	—	—	—	—	—	—
25 Siakap	—	—	—	—	—	—
31 Lidah	—	—	—	—	—	—
Sebelah	—	—	—	—	—	—
33 Bayan	—	—	—	—	—	—
Biji Nangka	—	—	—	—	—	—
Daun Baharu	—	—	—	—	—	—
Delah	—	—	—	—	—	—
Duri/Pulutan/Utik	—	—	—	—	—	—
Dengkis/Dobam	—	—	—	—	—	—
Gelama/Tengkerong	—	—	—	—	—	—
Gerut-gerut	—	—	—	—	—	—
Jenahak	—	—	—	—	—	—
Kaci	—	—	—	—	—	—
Kerapu	—	—	—	—	—	—
Kerisi	—	—	—	—	—	—
Kerisi Bali	—	—	—	—	—	—
Kikek	—	—	—	—	—	—
Malong	—	—	—	—	—	—
Merah	—	—	—	—	—	—
Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
Remong/Kunyit-kunyit	—	—	—	—	—	—
Semilang	—	—	—	—	—	—
Shrumbu/Lemah	—	—	—	—	—	—
Puntong Damar/Bulus	—	—	—	—	—	—
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	—	—	—	—	—	—
Tamban	—	—	—	—	—	—
Bulan-bulan	—	—	—	—	—	—
36 Aya/Kayu/Tongkol	—	—	—	—	—	—
Layaran/Mersuji	—	—	—	—	—	—
37 Kembong/Temenong	—	—	—	—	—	—
Tenggiri	—	—	—	—	—	—
Timah/Layor/Selayor	—	—	—	—	—	—
38 Pari	—	—	—	—	—	—
Yu	—	—	—	—	—	—
39 Ikan Baja	—	—	—	—	—	—
Ikan Campur	—	—	—	—	—	—
Jebong	—	—	—	—	—	—
42 Ketam	—	—	—	—	—	—
45 Udang Karang/Lubok	—	—	—	—	—	—
Udang Besar	—	—	—	—	—	—
Udang Sedang	—	—	—	—	—	—
Udang Kecil	—	—	—	—	—	—
Udang Baring	—	—	—	—	—	—
56 Kerang	—	—	—	—	—	—
Siput/Kepah	—	—	—	—	—	—
57 Sotong Kereta	—	—	—	—	—	—
Sotong Katak	—	—	—	—	—	—
Sotong Biasa	—	—	—	—	—	—
76 Ubur-ubur	—	—	—	—	—	—
Total	—	—	—	—	—	—

JADUAL (TABLE) 5.26.7

MELAKA/MALACCA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

Fishing Effort	Total	Tonnage Class				
		0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
No. of fishing units	—	—	—	—	—	—
No. of trips	—	—	—	—	—	—
No. of days	—	—	—	—	—	—
No. of hauls	—	—	—	—	—	—
<i>Species:</i>						
24 Kebasi/Selangat	—	—	—	—	—	—
Puput/B. Mata/Tirok	—	—	—	—	—	—
Terubok	—	—	—	—	—	—
25 Siakap	—	—	—	—	—	—
31 Lidah	—	—	—	—	—	—
Sebelah	—	—	—	—	—	—
33 Bayan	—	—	—	—	—	—
Biji Nangka	—	—	—	—	—	—
Daun Baharu	—	—	—	—	—	—
Delah	—	—	—	—	—	—
Duri/Pulutan/Utik	—	—	—	—	—	—
Dengkis/Debam	—	—	—	—	—	—
Gelama/Tengkerong	—	—	—	—	—	—
Gerut-gerut	—	—	—	—	—	—
Jenahak	—	—	—	—	—	—
Kaci	—	—	—	—	—	—
Kerapu	—	—	—	—	—	—
Kerisi	—	—	—	—	—	—
Kerisi Bali	—	—	—	—	—	—
Kikek	—	—	—	—	—	—
Malong	—	—	—	—	—	—
Merah	—	—	—	—	—	—
Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
Remong/Kunyit-kunyit	—	—	—	—	—	—
Semilang	—	—	—	—	—	—
Shrumbu/Lemah	—	—	—	—	—	—
Puntong Damar/Bulus	—	—	—	—	—	—
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	—	—	—	—	—	—
Temban	—	—	—	—	—	—
Bulan-bulan	—	—	—	—	—	—
36 Aya/Kayu/Tongkol	—	—	—	—	—	—
Layaran/Mersuji	—	—	—	—	—	—
37 Kembong/Temenong	—	—	—	—	—	—
Tenggiri	—	—	—	—	—	—
Timah/Layor/Selayor	—	—	—	—	—	—
38 Pari	—	—	—	—	—	—
Yu	—	—	—	—	—	—
39 Ikan Baja	—	—	—	—	—	—
Ikan Campur	—	—	—	—	—	—
Jebong	—	—	—	—	—	—
42 Ketam	—	—	—	—	—	—
45 Udang Karang/Lubok	—	—	—	—	—	—
Udang Besar	—	—	—	—	—	—
Udang Sedang	—	—	—	—	—	—
Udang Kecil	—	—	—	—	—	—
Udang Baring	—	—	—	—	—	—
56 Kerang	—	—	—	—	—	—
Siput/Kepah	—	—	—	—	—	—
57 Sotong Kereta	—	—	—	—	—	—
Sotong Katak	—	—	—	—	—	—
Sotong Biasa	—	—	—	—	—	—
76 Ubur-ubur	—	—	—	—	—	—
Total	—	—	—	—	—	—

JADUAL (TABLE) 5.26.8

JAOHOR BARAT/*WEST JOHORE*
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

Fishing Effort	Total	Tonnage Class				
		0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
No. of fishing units	—	—	—	—	—	—
No. of trips	—	—	—	—	—	—
No. of days	—	—	—	—	—	—
No. of hauls	—	—	—	—	—	—
<i>Species:</i>						
24 Kebasi/Selangat	—	—	—	—	—	—
Puput/B. Mata/Tirok	—	—	—	—	—	—
Terubok	—	—	—	—	—	—
25 Siakap	—	—	—	—	—	—
31 Lidah	—	—	—	—	—	—
Sebelah	—	—	—	—	—	—
33 Bayan	—	—	—	—	—	—
Biji Nangka	—	—	—	—	—	—
Daun Baheru	—	—	—	—	—	—
Delah	—	—	—	—	—	—
Duri/Pulutan/Utik	—	—	—	—	—	—
Dengkis/Debam	—	—	—	—	—	—
Gelama/Tengkerong	—	—	—	—	—	—
Gerut-gerut	—	—	—	—	—	—
Jenahak	—	—	—	—	—	—
Kaci	—	—	—	—	—	—
Kerapu	—	—	—	—	—	—
Kerisi	—	—	—	—	—	—
Kerisi Bali	—	—	—	—	—	—
Kikek	—	—	—	—	—	—
Malong	—	—	—	—	—	—
Merah	—	—	—	—	—	—
Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
Remong/Kunyit-kunyit	—	—	—	—	—	—
Semilang	—	—	—	—	—	—
Shrumbu/Lemah	—	—	—	—	—	—
Puntong Damar/Bulus	—	—	—	—	—	—
Pasir-pasir	—	—	—	—	—	—
34 Alu-alu/Kacang-kacang	—	—	—	—	—	—
Aruan Tasik	—	—	—	—	—	—
Bawal	—	—	—	—	—	—
Belanak/Kedera	—	—	—	—	—	—
Cermin/Sagai/Cupak	—	—	—	—	—	—
Cincaru	—	—	—	—	—	—
Demudok/Rambai	—	—	—	—	—	—
Kurau/Senangin/Senohong	—	—	—	—	—	—
Pelata/Seler	—	—	—	—	—	—
Selar Kuning/Lolong	—	—	—	—	—	—
Selayang/Curut	—	—	—	—	—	—
Pisang-pisang	—	—	—	—	—	—
Tafang	—	—	—	—	—	—
35 Bilis	—	—	—	—	—	—
Parang-parang	—	—	—	—	—	—
Tamban	—	—	—	—	—	—
Bulan-bulan	—	—	—	—	—	—
36 Aya/Kayu/Tongkol	—	—	—	—	—	—
Layaran/Mersuji	—	—	—	—	—	—
37 Kembong/Temenong	—	—	—	—	—	—
Tenggiri	—	—	—	—	—	—
Timah/Layor/Selayor	—	—	—	—	—	—
38 Pari	—	—	—	—	—	—
Yu	—	—	—	—	—	—
39 Ikan Baja	—	—	—	—	—	—
Ikan Campur	—	—	—	—	—	—
Jebong	—	—	—	—	—	—
42 Ketam	—	—	—	—	—	—
45 Udang Karang/Lubok	—	—	—	—	—	—
Udang Besar	—	—	—	—	—	—
Udang Sedang	—	—	—	—	—	—
Udang Kecil	—	—	—	—	—	—
Udang Baring	—	—	—	—	—	—
56 Kerang	—	—	—	—	—	—
Siput/Kepah	—	—	—	—	—	—
57 Sotong Kereta	—	—	—	—	—	—
Sotong Katak	—	—	—	—	—	—
Sotong Biasa	—	—	—	—	—	—
76 Ubur-ubur	—	—	—	—	—	—
Total	—	—	—	—	—	—

JADUAL (TABLE) 5.26.9

KELANTAN
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

Fishing Effort	Total	Tonnage Class				
		0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
No. of fishing units	23	—	—	13	10	—
No. of trips	3,703	—	—	2,093	1,610	—
No. of days	3,703	—	—	2,093	1,610	—
No. of hauls	9,062	—	—	5,122	3,940	—
<i>Species:</i>						
24 Kebasi/Selangat	—	—	—	—	—	—
Puput/B. Mata/Tirok	—	—	—	—	—	—
Terubok	—	—	—	—	—	—
25 Siakap	—	—	—	—	—	—
31 Lidah	—	—	—	—	—	—
Sebelah	—	—	—	—	—	—
33 Bayan	—	—	—	—	—	—
Biji Nangka	—	—	—	—	—	—
Daun Baharu	—	—	—	—	—	—
Delah	—	—	—	—	—	—
Duri/Pulutan/Utik	—	—	—	—	—	—
Dengkis/Debam	—	—	—	—	—	—
Gelama/Tengkerong	—	—	—	—	—	—
Gerut-gerut	—	—	—	—	—	—
Jenahak	—	—	—	—	—	—
Kaci	—	—	—	—	—	—
Kerapu	—	—	—	—	—	—
Kerisi	—	—	—	—	—	—
Kerisi Bali	—	—	—	—	—	—
Kikek	—	—	—	—	—	—
Malong	—	—	—	—	—	—
Merah	—	—	—	—	—	—
Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
Remong/Kunyit-kunyit	—	—	—	—	—	—
Semilang	—	—	—	—	—	—
Shrumbu/Lemah	—	—	—	—	—	—
Puntong Damar/Bulus	—	—	—	—	—	—
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	929.94	—	—	432.32	497.62	—
Selayang/Curut	1,394.68	—	—	644.66	750.02	—
Pisang-pisang	—	—	—	—	—	—
Talang	—	—	—	—	—	—
35 Bilis	—	—	—	—	—	—
Parang-parang	—	—	—	—	—	—
Tamban	1,130.03	—	—	471.10	658.93	—
Bulan-bulan	—	—	—	—	—	—
36 Aya/Kayu/Tongkol	78.42	—	—	10.13	68.29	—
Layaran/Mersuji	—	—	—	—	—	—
37 Kembong/Temenong	2,741.50	—	—	1,209.87	1,531.63	—
Tenggiri	—	—	—	—	—	—
Timah/Layor/Selayor	—	—	—	—	—	—
38 Pari	—	—	—	—	—	—
Yu	—	—	—	—	—	—
39 Ikan Baja	—	—	—	—	—	—
Ikan Campur	319.90	—	—	170.35	149.55	—
Jebong	—	—	—	—	—	—
42 Ketam	—	—	—	—	—	—
45 Udang Karang/Lubok	—	—	—	—	—	—
Udang Besar	—	—	—	—	—	—
Udang Sedang	—	—	—	—	—	—
Udang Kecil	—	—	—	—	—	—
Udang Baring	—	—	—	—	—	—
56 Kerang	—	—	—	—	—	—
Siput/Kepah	—	—	—	—	—	—
57 Sotong Kereta	—	—	—	—	—	—
Sotong Katak	—	—	—	—	—	—
Sotong Biasa	—	—	—	—	—	—
76 Ubur-ubur	—	—	—	—	—	—
Total	6,594.47	—	—	2,938.43	3,656.04	—

TERENGGANU
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

Fishing Effort	Total	Tonnage Class				
		0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
No. of fishing units	135	—	59	49	26	1
No. of trips	28,362	—	12,331	10,535	5,460	36
No. of days	28,362	—	12,331	10,535	5,460	36
No. of hauls	84,992	—	36,993	31,605	16,302	92
<i>Species:</i>						
24 Kebasi/Selangat	—	—	—	—	—	—
Puput/B. Mata/Tirok	—	—	—	—	—	—
Terubok	18.40	—	4.22	4.48	8.88	0.82
25 Siakap	—	—	—	—	—	—
31 Lidah	—	—	—	—	—	—
Sebelah	—	—	—	—	—	—
33 Bayan	—	—	—	—	—	—
Biji Nangka	—	—	—	—	—	—
Daun Baharu	—	—	—	—	—	—
Delah	—	—	—	—	—	—
Duri/Pulutan/Utik	11.91	—	8.54	3.37	—	—
Dengkis/Debam	—	—	—	—	—	—
Gelama/Tengkerong	—	—	—	—	—	—
Gerut-gerut	—	—	—	—	—	—
Jenahak	—	—	—	—	—	—
Kaci	—	—	—	—	—	—
Kerapu	—	—	—	—	—	—
Kerisi	—	—	—	—	—	—
Kerisi Bali	—	—	—	—	—	—
Kikek	—	—	—	—	—	—
Malong	10.05	—	4.00	2.98	3.07	—
Merah	—	—	—	—	—	—
Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
Remong/Kunyit-kunyit	—	—	—	—	—	—
Semilang	—	—	—	—	—	—
Shrumbu/Lemah	—	—	—	—	—	—
Puntong Damar/Bulus	—	—	—	—	—	—
Pasir-pasir	—	—	—	—	—	—
34 Alu-alu/Kacang-kacang	1.99	—	1.60	0.39	—	—
Aruan Tasik	—	—	—	—	—	—
Bawal	158.85	—	14.45	51.20	93.20	—
Belanak/Kedera	—	—	—	—	—	—
Cermin/Sagal/Cupak	107.39	—	—	107.39	—	—
Cincaru	21.90	—	—	18.78	3.12	—
Demudok/Rambai	6.20	—	6.20	—	—	—
Kurau/Senangin/Senohong	—	—	—	—	—	—
Pelata/Selar	6,464.73	—	2,260.34	2,858.49	1,338.15	7.75
Selar Kuning/Lolong	2,268.74	—	898.20	930.48	440.06	—
Selayang/Gurut	4,874.20	—	1,669.58	2,116.83	1,087.79	—
Pisang-pisang	—	—	—	—	—	—
Talang	—	—	—	—	—	—
35 Bilis	—	—	—	—	—	—
Parang-parang	—	—	—	—	—	—
Tamban	5,400.51	—	2,185.94	2,120.22	1,091.35	3.00
Bulan-bulan	—	—	—	—	—	—
36 Aya/Kayu/Tongkol	917.15	—	459.18	233.82	224.15	—
Layaran/Mersuji	—	—	—	—	—	—
37 Kembong/Tamenong	18,101.62	—	6,410.64	7,194.77	4,460.04	36.17
Tenggiri	208.55	—	96.43	89.91	22.21	—
Timah/Layor/Selayor	—	—	—	—	—	—
38 Pari	—	—	—	—	—	—
Yu	—	—	—	—	—	—
39 Ikan Baja	—	—	—	—	—	—
Ikan Campur	2,612.00	—	971.69	1,059.51	580.80	—
Jebong	—	—	—	—	—	—
42 Ketam	—	—	—	—	—	—
45 Udang Karang/Lubok	—	—	—	—	—	—
Udang Besar	—	—	—	—	—	—
Udang Sedang	—	—	—	—	—	—
Udang Kecil	—	—	—	—	—	—
Udang Baring	—	—	—	—	—	—
56 Kerang	—	—	—	—	—	—
Siput/Kepah	—	—	—	—	—	—
57 Sotong Kerata	—	—	—	—	—	—
Sotong Katak	—	—	—	—	—	—
Sotong Biasa	529.29	—	249.97	169.18	107.39	2.75
76 Ubur-ubur	—	—	—	—	—	—
Total	41,713.48	—	15,240.98	16,961.80	9,460.21	50.49

JADUAL (TABLE) 5.26.11

PAHANG
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

Fishing Effort	Total	Tonnage Class				
		0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
No. of fishing units	19	—	—	8	11	—
No. of trips	1,562	—	—	616	946	—
No. of days	1,562	—	—	616	946	—
No. of hauls	4,146	—	—	1,528	2,618	—
<i>Species:</i>						
24 Kebasi/Selangat	—	—	—	—	—	—
Puput/B. Mata/Tirok	—	—	—	—	—	—
Terubok	—	—	—	—	—	—
25 Siakap	—	—	—	—	—	—
31 Lidah	—	—	—	—	—	—
Sebelah	—	—	—	—	—	—
33 Bayan	—	—	—	—	—	—
Biji Nangka	—	—	—	—	—	—
Daun Baharu	—	—	—	—	—	—
Delah	1.00	—	—	1.00	—	—
Duri/Pulutan/Utik	—	—	—	—	—	—
Dengkis/Debam	—	—	—	—	—	—
Gelama/Tengkerong	—	—	—	—	—	—
Gerut-gerut	—	—	—	—	—	—
Jenahak	—	—	—	—	—	—
Kaci	—	—	—	—	—	—
Kerapu	—	—	—	—	—	—
Kerisi	—	—	—	—	—	—
Kerisi Bali	—	—	—	—	—	—
Kikek	0.12	—	—	0.12	—	—
Malong	—	—	—	—	—	—
Merah	8.00	—	—	8.00	—	—
Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
Remong/Kunyit-kunyit	—	—	—	—	—	—
Semilang	—	—	—	—	—	—
Shrumbu/Lemah	—	—	—	—	—	—
Puntong Damar/Bulus	—	—	—	—	—	—
Pasir-pasir	—	—	—	—	—	—
34 Alu-alu/Kacang-kacang	4.20	—	—	3.15	1.05	—
Aruan Tasik	—	—	—	—	—	—
Bawal	—	—	—	—	—	—
Belanak/Kedera	—	—	—	—	—	—
Cermin/Sagai/Cupak	—	—	—	—	—	—
Cincaru	—	—	—	—	—	—
Demudok/Rambai	6.00	—	—	—	6.00	—
Kurau/Senangin/Senohong	—	—	—	—	—	—
Pelata/Selar	61.54	—	—	33.41	28.13	—
Selar Kuning/Lolong	171.42	—	—	82.03	89.39	—
Selayang/Curut	2.33	—	—	0.10	2.23	—
Pisang-pisang	—	—	—	—	—	—
Talang	3.26	—	—	—	3.26	—
35 Bitis	—	—	—	—	—	—
Parang-parang	—	—	—	—	—	—
Tamban	784.03	—	—	470.06	313.97	—
Bulan-bulan	—	—	—	—	—	—
36 Aya/Kayu/Tongkol	61.00	—	—	34.75	26.25	—
Layaran/Mersuji	—	—	—	—	—	—
37 Kembong/Temenong	154.39	—	—	67.61	86.88	—
Tenggiri	1.00	—	—	1.00	—	—
Timah/Leyor/Selayor	—	—	—	—	—	—
38 Peri	—	—	—	—	—	—
Yu	0.42	—	—	0.42	—	—
39 Ikan Baja	83.00	—	—	17.00	66.00	—
Ikan Campur	29.69	—	—	2.00	27.69	—
Jebong	—	—	—	—	—	—
42 Ketam	—	—	—	—	—	—
45 Udang Karang/Lubok	—	—	—	—	—	—
Udang Besar	—	—	—	—	—	—
Udang Sedang	—	—	—	—	—	—
Udang Kecil	—	—	—	—	—	—
Udang Baring	—	—	—	—	—	—
56 Kerang	—	—	—	—	—	—
Siput/Kepah	—	—	—	—	—	—
57 Sotong Kereta	—	—	—	—	—	—
Sotong Katak	—	—	—	—	—	—
Sotong Biasa	0.38	—	—	0.18	0.20	—
76 Ubur-ubur	—	—	—	—	—	—
Total	1,371.78	—	—	720.73	651.05	—

JADUAL (TABLE) 5.26.12

JOHOR TIMUR/EAST JOHORE
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN
MENGIKUT KELAS MUATAN DAN JENIS IKAN, 1983
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINES BY TONNAGE
CLASS AND SPECIES, 1983

Fishing Effort	Total	Tonnage Class				
		0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
No. of fishing units	57	—	4	15	38	—
No. of trips	10,691	—	336	3,135	7,220	—
No. of days	10,691	—	336	3,135	7,226	—
No. of hauls	22,219	—	744	6,465	15,010	—
<i>Species:</i>						
24 Kobasi/Selangat	—	—	—	—	—	—
Puput/B. Mata/Tirok	—	—	—	—	—	—
25 Terubok	—	—	—	—	—	—
31 Siakap	—	—	—	—	—	—
Lidah	—	—	—	—	—	—
33 Sebelah	—	—	—	—	—	—
Bayan	—	—	—	—	—	—
Biji Nangka	—	—	—	—	—	—
Daun Baharu	—	—	—	—	—	—
Delah	—	—	—	—	—	—
Duri/Pulutan/Utik	—	—	—	—	—	—
Dengkis/Debam	—	—	—	—	—	—
Gelama/Tengkerong	—	—	—	—	—	—
Gerut-gerut	—	—	—	—	—	—
Jenahak	—	—	—	—	—	—
Kaci	—	—	—	—	—	—
Kerapu	—	—	—	—	—	—
Kerisi	—	—	—	—	—	—
Kerisi Bali	—	—	—	—	—	—
Kikek	16.33	—	—	—	16.33	—
Malong	—	—	—	—	—	—
Merah	—	—	—	—	—	—
Mengkerong/Conor/Ubi-ubi	—	—	—	—	—	—
Remong/Kunyit-kunyit	—	—	—	—	—	—
Semilang	—	—	—	—	—	—
Shrumbu/Lemah	—	—	—	—	—	—
Puntong Damar/Bulus	—	—	—	—	—	—
Pasir-pasir	—	—	—	—	—	—
34 Alu-alu/Kacang-kacang	5.81	—	—	1.64	4.17	—
Aruan Tasik	—	—	—	—	—	—
Bawal	5.62	—	—	0.60	5.02	—
Belanak/Kedera	—	—	—	—	—	—
Cermin/Sagai/Cupak	18.75	—	4.36	10.28	4.11	—
Cincaru	13.14	—	—	4.12	9.02	—
Demudok/Rambai	56.94	—	11.98	3.63	41.33	—
Kurau/Senangin/Sanahong	—	—	—	—	—	—
Pelata/Selar	410.36	—	2.18	116.52	291.66	—
Selar Kuning/Lolong	1,318.33	—	60.25	313.66	944.52	—
Selayang/Curut	2,006.61	—	15.37	507.15	1,484.09	—
Pisang-pisang	1.94	—	—	0.91	1.03	—
Talang	10.47	—	—	10.47	—	—
35 Bilis	—	—	—	—	—	—
Parang-parang	—	—	—	—	—	—
Tamban	4,175.72	—	11.77	877.98	3,285.97	—
Bulan-bulan	—	—	—	—	—	—
36 Aya/Kayu/Tongkol	264.49	—	—	6.72	257.77	—
Layaran/Mersuji	—	—	—	—	—	—
37 Kembong/Temenong	2,647.34	—	24.20	498.90	2,124.24	—
Tenggiri	—	—	—	—	—	—
Timah/Layar/Selayor	—	—	—	—	—	—
38 Pari	—	—	—	—	—	—
Yu	—	—	—	—	—	—
39 Ikan Beja	—	—	—	—	—	—
Ikan Campur	1.45	—	—	—	1.45	—
Jebong	—	—	—	—	—	—
42 Ketam	—	—	—	—	—	—
45 Udang Karang/Lubok	—	—	—	—	—	—
Udang Besar	—	—	—	—	—	—
Udang Sedang	—	—	—	—	—	—
Udang Kecil	—	—	—	—	—	—
Udang Baring	—	—	—	—	—	—
56 Kerang	—	—	—	—	—	—
Siput/Kepah	—	—	—	—	—	—
57 Sotong Kereta	—	—	—	—	—	—
Sotong Katak	—	—	—	—	—	—
Sotong Blasa	3.09	—	—	0.67	2.42	—
76 Ubur-ubur	—	—	—	—	—	—
Total	10,956.39	—	130.11	2,353.15	8,473.13	—

JADUAL (TABLE) 6.1

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA PURATA IKAN DI PANTAI MENGIKUT BULAN, 1983
MONTHLY AVERAGE EX-VESSEL PRICES OF FRESH FISH, 1983
(Harga dalam \$/Kg./Prices at \$/Kg.)

Jenis-jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata 1983 Average 1983
Bawal Putih	7.59	7.70	7.61	8.18	8.70	7.92	7.84	7.98	9.24	8.54	8.43	9.75	8.29
Bawal Hitam	4.88	5.10	4.52	3.78	4.01	3.73	4.48	4.48	3.98	4.22	4.56	5.12	4.41
Kerapu	4.39	4.92	4.73	4.62	4.82	4.15	4.95	4.67	4.95	4.46	5.03	5.23	4.74
Tenggiri	4.86	4.36	4.19	4.18	4.19	3.94	4.78	4.91	4.94	4.63	4.82	5.07	4.57
Merah	2.92	3.06	2.98	3.06	3.04	2.98	3.38	3.53	3.35	3.21	3.62	3.75	3.24
Jenahak	4.75	4.84	4.46	4.18	4.66	3.83	4.74	4.70	4.54	4.66	4.88	4.96	4.60
Kaci	1.94	1.97	1.34	1.38	1.60	1.53	1.61	1.64	1.59	1.54	1.53	1.74	1.62
Cermin	1.97	1.67	1.63	1.64	1.82	1.77	2.03	1.76	2.17	1.84	2.06	2.04	1.87
Gelama	0.72	0.73	0.81	0.73	0.74	0.62	0.72	0.76	0.83	0.81	0.72	0.92	0.76
Kembong	1.35	1.19	1.10	0.76	0.93	0.93	1.17	1.19	1.04	1.10	1.23	1.86	1.15
Kerisi	1.24	1.04	1.12	1.10	1.11	1.14	1.27	1.31	1.29	1.28	1.46	1.47	1.24
Selayang	0.74	0.62	0.54	0.63	0.58	0.53	0.46	0.36	0.53	0.55	0.53	0.73	0.57
Tamban	0.43	0.63	0.41	0.56	0.41	0.43	0.45	0.43	0.55	0.45	0.52	0.64	0.49
Selar/Pelata	1.55	1.29	1.27	1.49	1.28	1.18	1.31	0.86	1.52	1.34	1.76	1.84	1.39
Sotong	2.15	2.08	1.94	1.82	2.05	2.21	1.80	1.85	2.18	2.21	2.12	2.91	2.11
Aya/Tongkol	1.45	1.20	1.37	1.35	1.35	1.20	1.28	1.33	1.32	1.52	1.77	1.86	1.42
Udang Besar	15.59	17.51	16.73	15.96	15.98	14.71	16.36	16.39	15.93	16.43	17.88	17.23	16.39
Udang Sedang	8.17	8.26	8.00	7.78	8.46	8.10	8.79	8.91	8.57	8.90	8.69	8.69	8.44
Udang Kecil	2.78	2.16	2.02	2.19	2.61	2.28	2.72	2.73	2.71	3.55	3.47	3.71	2.74

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA BORONG PURATA IKAN BASAH DI PASAR MENGIKUT BULAN, 1983
 MONTHLY AVERAGE WHOLESALE MARKET PRICES OF FRESH FISH, 1983
 (Harga Dalam \$/Kg./Prices At \$/Kg.)

Jenis-jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata 1983 Average 1983
Bawal Putih	8.88	9.74	9.34	10.17	9.94	9.80	8.77	9.91	11.61	11.21	9.79	12.00	10.10
Bawal Hitam	6.07	5.66	5.09	4.69	4.61	4.93	5.19	5.68	5.36	5.41	5.37	5.43	5.29
Kerapu	5.49	6.00	5.40	5.59	5.68	5.58	5.48	5.47	5.60	5.74	5.58	6.20	5.65
Tenggiri	5.63	5.33	4.81	4.80	4.55	4.93	5.06	5.40	5.50	5.23	5.27	5.50	5.17
Merah	4.05	3.60	3.34	3.67	3.63	3.86	3.94	4.17	3.98	3.87	3.83	3.93	3.82
Jenahak	5.19	5.16	5.10	5.02	5.53	5.40	5.43	5.42	4.73	5.31	5.36	5.53	5.27
Kaci	2.55	2.25	1.70	2.05	2.03	1.94	1.67	1.79	1.90	2.01	1.86	2.14	1.99
Cermin	2.66	2.40	2.18	1.91	2.25	2.36	2.73	2.04	2.51	2.14	2.60	2.52	2.36
Gelama	1.25	1.19	1.09	1.10	1.12	1.03	1.06	1.04	1.04	1.05	1.07	1.20	1.10
Kembong	1.90	1.80	1.54	1.33	1.55	1.96	1.74	1.70	1.88	1.75	1.78	2.13	1.76
Kerisi	1.78	1.98	1.71	1.52	1.49	1.74	1.74	1.70	1.68	1.57	1.76	1.83	1.71
Selayang	1.09	0.91	0.95	0.86	0.87	0.75	0.85	0.81	1.14	0.96	1.04	1.31	0.96
Tamban	0.79	1.04	0.69	0.79	0.66	0.67	0.78	0.63	0.76	0.76	0.77	0.90	0.77
Selar/Pelata	2.27	1.55	1.84	1.85	1.86	1.79	1.71	1.66	2.11	1.84	2.20	2.17	1.90
Sotong	2.41	2.47	2.51	2.38	2.73	2.57	2.50	2.56	2.64	2.55	2.70	3.01	2.59
Aya/Tongkol	2.05	1.55	1.61	1.75	1.63	1.55	1.75	1.69	1.78	1.92	1.89	2.09	1.77
Udang Besar	17.98	19.73	18.65	17.93	18.37	17.98	17.90	18.08	18.71	18.00	19.79	18.48	18.47
Udang Sedang	9.20	9.51	8.26	8.96	8.83	8.89	9.21	8.51	10.20	9.69	9.94	9.18	9.20
Udang Kecil	3.67	3.17	2.54	3.27	2.98	3.09	3.04	3.22	3.44	3.39	3.94	2.63	3.20

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA RUNCIT PURATA IKAN BASAH DI PASAR MENGIKUT BULAN, 1983
MONTHLY AVERAGE RETAIL MARKET PRICES OF FRESH FISH, 1983
(Harga Dalam \$/Kg./Prices At \$/Kg.)

Jenis-jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata 1983 Average 1983
Bawal Putih	10.55	10.61	10.76	12.29	11.92	11.67	11.36	11.97	13.27	12.91	11.71	14.08	11.93
Bawal Hitam	7.03	6.48	6.08	5.57	5.67	6.00	6.20	6.32	6.33	6.32	6.40	6.54	6.25
Kerapu	6.59	7.14	6.35	6.65	6.81	6.45	6.63	6.43	6.75	6.77	6.60	7.20	6.70
Tenggiri	6.55	6.23	5.67	5.60	5.44	5.89	6.10	6.34	6.40	6.27	6.18	6.67	6.11
Merah	4.99	4.41	3.96	4.36	4.43	4.60	4.63	4.48	4.84	4.70	4.83	4.93	4.60
Jenahak	6.24	6.56	6.03	6.09	6.58	6.67	6.46	6.49	6.48	6.26	6.34	6.60	6.40
Kaci	3.22	2.75	2.23	2.61	2.88	2.87	3.45	2.44	2.82	2.75	3.00	3.37	2.87
Cermin	3.38	2.95	2.82	2.22	2.76	2.97	3.07	2.42	3.50	2.98	3.38	3.03	2.96
Gelama	1.75	1.45	1.53	1.60	1.69	1.52	1.55	1.61	1.53	1.48	1.61	1.82	1.60
Kembong	2.41	2.47	2.27	1.91	2.21	2.59	2.39	2.61	2.65	2.48	2.65	3.11	2.48
Kerisi	2.31	2.07	2.18	2.12	2.05	2.39	2.37	2.51	2.34	2.29	2.43	2.58	2.30
Selayang	1.58	1.28	1.14	1.28	1.20	1.06	1.37	1.00	1.43	1.16	1.55	2.12	1.35
Tamban	1.30	1.42	1.04	1.22	1.02	1.03	1.16	0.97	1.11	1.09	1.17	1.77	1.19
Selar/Pelata	2.89	2.24	2.44	2.42	2.47	2.52	2.61	2.79	2.49	2.37	2.72	2.55	2.54
Sotong	3.06	3.06	3.06	2.86	3.45	3.26	3.09	3.16	3.19	3.29	3.10	4.03	3.22
Aya/Tongkol	2.57	2.16	2.09	2.17	2.13	2.09	2.31	2.40	2.18	2.35	2.58	3.10	2.34
Udang Besar	20.24	21.62	20.35	19.39	20.49	20.10	20.58	19.85	19.13	19.91	20.56	21.26	20.29
Udang Sedang	10.88	10.77	10.23	10.10	9.83	10.20	10.43	10.46	11.09	10.95	11.75	10.81	10.63
Udang Kecil	4.15	3.75	3.20	3.98	3.67	3.81	3.85	3.67	4.07	4.12	5.03	5.33	4.05

JADUAL (TABLE) 6.4

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
NILAI HARGA BORONG PENDARATAN IKAN LAUT, 1983
WHOLESALE VALUE OF MARINE FISH LANDINGS, 1983

Negeri State	Grade I		Grade II		Grade III		Big Prawn		Medium Prawn		Small Prawn		Manure Fish		Shellfish		Jumlah/Total	
	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$
Perlis	1,077.64	7,058,542	42.03	141,221	33,678.12	52,874,648	189.44	3,495,168	866.14	7,968,488	661.37	2,116,384	3,946.40	710,352	1,339.00	1,596,790	41,800.14	75,961.593
Kedah	25,680.62	168,208,061	455.39	1,530,110	39,962.18	62,740,623	1,277.60	23,571,720	3,024.86	27,828,712	4,904.06	15,692,992	57,029.35	10,265,283	3,723.96	3,562,028	136,058.02	313,399,529
P. Pinang/ Penang	2,162.28	14,162,934	274.06	920,842	16,605.67	26,070,902	429.25	7,919,662	1,337.01	12,300,492	1,407.71	4,504,672	5,282.19	950,794	7,729.60	3,620,659	35,227.77	70,450,957
Perak	8,898.28	58,283,734	4,388.38	14,744,957	50,064.38	78,601,077	2,120.12	39,116,214	7,196.17	66,204,764	12,647.62	40,472,384	39,531.87	7,115,736	21,129.59	9,264,515	145,976.41	313,803,381
Selangor	4,414.28	28,913,534	589.02	1,979,107	26,093.64	40,967,015	538.20	9,929,790	3,206.51	29,499,892	7,086.62	22,677,184	11,877.16	2,137,889	9,853.01	5,146,719	63,658.44	141,251,130
N. Sembilan	174.05	1,140,027	48.39	162,591	177.19	278,188	—	—	34.21	314,732	—	—	1.79	322	—	—	435.63	1,895,860
Malaka/ Malacca	1,095.85	7,177,818	99.32	333,715	880.62	1,382,573	61.08	1,126,926	18.47	169,924	30.27	96,864	22.80	4,104	—	—	2,208.41	10,291,924
Kelantan	205.02	1,342,881	69.21	232,546	7,766.49	12,193,389	28.68	529,146	44.00	404,800	124.45	398,240	38.47	4,232	196.00	84,280	8,472.32	15,189,514
Trengganu	11,872.55	77,765,203	2,387.12	8,020,723	84,176.64	132,157,325	148.39	2,737,796	203.45	1,871,740	447.35	1,431,520	9,050.51	995,556	—	—	108,286.01	224,979,863
Pahang	860.09	5,633,590	429.49	1,443,086	16,831.63	36,425,659	88.66	1,635,777	171.90	1,581,480	278.22	890,304	3,972.27	436,950	158.41	68,116	22,790.67	38,114,962
Johor Timur/ East Johore	1,366.43	8,950,116	630.54	2,118,614	20,170.01	31,666,916	189.37	3,493,877	257.08	2,365,136	450.13	1,440,416	4,269.98	469,698	—	—	27,333.54	50,504,773
Johor Barat/ West Johore	2,149.04	14,076,212	608.02	2,042,947	5,659.49	8,885,399	504.05	9,299,722	380.71	3,502,532	2,599.80	8,319,360	4,676.35	841,743	230.71	279,159	16,808.17	47,247,074
JUMLAH/ TOTAL	59,956.13	392,712,652	10,020.97	33,670,459	302,066.06	474,243,714	5,574.84	102,855,798	16,740.51	154,012,692	30,637.60	98,040,320	139,699.14	23,932,659	44,360.28	23,622,266	609,055.53	1,303,090,560

- NOTES: (1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kureu, Tenggiri, Parang-parang, Ikan Bilis and Kerapu.
Grade II Includes Jenahak, Tarubok, Puput-puput, Merah, Kaci, Cermin, Demudok and Siakap.
Grade III Includes Alu-alu, Cincaru, Selar, Dengkis, Gerut-gerut, Lidah, Pelata, Remong, Sotong, Ketam, Aya/Tongkol, Aruan Tasik, 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 \$6.55 per Kg. is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.
Grade II Price at \$3.36 per Kg. is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.
Grade III Price at \$1.57 per Kg. is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.
- (3) Price per Kg. of Prawn — Big, Medium and Small are calculated at \$18.45, \$9.20 and \$3.20 respectively.
- (4) Prices of Manure Fish are estimated at \$0.18 per Kg. (West Coast) and \$0.11 per Kg. (East Coast).
- (5) Prices of Cockle and other shellfish are estimated at \$0.43 per Kg and \$1.21 per Kg. respectively.

JADUAL (TABLE) 6.5

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
NILAI HARGA RUNCIT PENDARATAN IKAN LAUT 1983
RETAIL VALUE OF MARINE FISH LANDINGS, 1983

Negeri/ State	Grade I		Grade II		Grade III		Bid Prawn		Medium Prawn		Small Prawn		Manure Fish		Shell-Fish		Jumlah/Total	
	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$
Perlis	1,077.64	8,351,710	42.03	176,946	33,678.12	71,397,614	189.44	3,843,738	866.14	9,207,068	661.37	2,678,549	3,946.40	1,381,240	1,339.00	2,245,400	41,800.14	99,282,265
Kedah	25,680.62	199,024,805	455.39	1,917,192	39,962.18	84,719,822	1,277.60	25,922,504	3,024.86	32,154,262	4,904.06	19,861,443	57,029.35	19,960,272	3,723.96	5,084,216	136,058.02	388,644,516
P. Pinang Penang	2,162.28	16,757,670	274.06	1,153,793	16,605.67	35,204,020	429.25	8,709,483	1,337.01	14,212,416	1,407.71	5,701,226	5,282.19	1,848,767	7,729.60	5,570,932	35,227.77	89,158,307
Perak	8,896.28	68,961,670	4,388.38	18,475,080	50,064.38	106,136,485	2,120.12	43,017,235	7,196.17	76,495,287	12,647.62	51,222,861	39,531.87	13,836,155	21,129.59	14,392,922	145,976.41	392,537,695
Selangor	4,414.28	34,210,670	589.02	2,479,774	26,093.64	55,318,517	538.20	10,920,078	3,206.51	34,085,201	7,086.62	28,700,811	11,877.16	4,157,006	9,853.01	7,803,084	63,658.44	177,675,141
N. Sembilan	174.05	1,348,887	48.39	203,722	177.19	375,643	—	—	34.21	363,652	—	—	1.79	627	—	—	435.63	2,292,531
Melaka Malacca	1,095.85	8,492,837	99.32	418,137	880.62	1,866,914	61.08	1,239,313	18.47	196,336	30.27	122,593	22.80	7,980	—	—	2,208.41	12,344,110
Kelantan	205.02	1,588,905	69.21	291,374	7,766.49	16,464,959	28.68	581,917	44.00	467,720	124.45	504,023	38.47	8,463	196.00	131,320	8,472.32	20,038,681
Trengganu	11,872.55	92,012,263	2,387.12	10,049,775	84,176.64	178,454,477	148.39	3,010,833	203.45	2,162,674	447.35	1,811,767	9,050.51	1,991,112	—	—	108,286.01	289,492,901
Pahang	860.09	6,665,698	429.49	1,808,153	16,831.63	35,683,056	88.66	1,798,911	171.90	1,827,297	278.22	1,126,791	3,972.27	837,899	158.41	106,135	22,790.67	49,889,940
Johor Timur East Johore	1,366.43	10,589,833	630.54	2,654,574	20,170.01	42,760,421	189.37	3,842,317	257.08	2,732,761	450.13	1,823,026	4,269.98	939,396	—	—	27,333.54	65,342,328
Johor Barat West Johore	2,149.04	16,655,060	608.02	2,559,764	5,659.49	11,998,119	504.05	10,227,175	380.71	4,046,947	2,599.80	10,529,190	4,676.35	1,636,723	230.71	392,207	16,808.17	58,045,185
Jumlah /Total	59,956.13	464,660,008	10,020.97	42,188,284	302,066.06	640,380,047	5,574.84	113,113,504	16,740.51	177,951,621	30,637.60	124,082,280	139,699.14	46,641,640	44,360.28	35,726,216	609,056.53	1,644,743,600

- NOTES:
- (1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Tenggilri, Parang-parang, Ikan Bilis dan Kerapu.
 - Grade II Includes Jenahak, Terubok, Puput-puput, Merah, Kaci, Cermin, Demudok and Slakap.
 - Grade III Includes 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, Kerlisi, Kikek, Malong, Pari, Selangat, Selar Kuning, Selayang, Semilang, Talang, Tamban, Yu, Udang Baring etc.
 - (2) Grade I Price at \$7.75 per Kg. is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggilri, Kerapu.
 - Grade II Price at \$4.21 per Kg. is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.
 - Grade III Price at \$2.12 per Kg. is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerlisi, Selar, Selayang and Tamban.
 - (3) Price per Kg. of Prawn — B1, Medium and Small are calculated at \$20.29, \$10.63 and \$4.05 respectively.
 - (4) Prices of Manure Fish are estimated at \$0.35 per Kg. (West Coast) and \$0.22 per Kg. (East Coast).
 - (5) Prices of Cockle and other Shellfish are estimated at \$0.67 per Kg. and \$1.70 per Kg. respectively.

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
NILAI PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED IKAN, 1983
LANDING VALUES OF MARINE FISH BY GEAR GROUP AND GRADE OF FISH, 1983

Pendaratan dan Nilai <i>Landing and Value</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat Tarik/ <i>Seine Nets</i>			Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap/ <i>Traps</i>			Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaiian <i>Miscellaneous</i>	Jumlah Tan M. dan Nilai <i>Total Tonnes and Value</i>	
		Pukat Jerut Ikan <i>Purse Seine-Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>	Lain-lain Pukat Tarik <i>Other Seines</i>			Belat-belat <i>Stationary</i>	Bubu <i>Portable</i>	Pancing <i>Hook and Lines</i>							
Gred I Grade I	Tonnes N.B.\$ N.R.\$	4,033.29 26,418,050 31,257,998	2,792.41 18,290,286 21,641,178	34,029.55 222,893,552 263,729,012	4.92 32,226 38,130	13,452.36 88,112,958 104,255,790	398.58 2,610,699 3,088,895	616.68 4,039,254 4,779,270	1,051.52 6,887,456 8,149,280	3,478.82 22,786,271 26,960,855	45.34 296,977 351,385	52.66 344,923 408,115	— — —	— — —	59,956.13 392,712,652 464,660,008	
Gred II Grade II	Tonnes N.B.\$ N.R.\$	2,766.12 9,294,163 11,645,365	316.24 1,062,566 1,331,370	— — —	7.54 25,334 31,744	716.09 2,406,062 3,014,739	0.04 135 168	14.46 48,586 60,877	2,755.00 9,256,800 11,598,550	3,429.88 11,524,397 14,439,795	15.33 51,509 64,539	— — —	— — —	0.27 907 1,137	10,020.97 33,670,459 42,188,284	
Gred III Grade III	Tonnes N.B.\$ N.R.\$	75,659.11 118,784,803 160,397,313	130,901.66 205,515,606 277,511,519	3,154.82 4,953,067 6,688,218	2,139.03 3,358,277 4,534,744	32,935.45 51,708,656 69,823,154	12,642.15 19,848,175 26,801,358	2,561.10 4,020,927 5,429,532	6,978.78 10,956,685 14,795,014	23,371.45 36,693,177 49,547,474	8,639.27 13,563,654 18,315,252	690.79 1,084,540 1,464,475	690.67 1,084,352 1,464,220	— — —	1,701.78 2,671,795 3,607,774	302,066.06 474,243,714 640,380,047
Udang Besar <i>Big Prawn</i>	Tonnes N.B.\$ N.R.\$	1,394.56 25,729,632 28,295,622	— — —	— — —	178.65 3,296,093 3,624,809	3,856.31 71,148,919 78,244,530	— — —	3.28 60,516 66,551	— — —	— — —	57.82 1,066,779 1,173,168	21.22 391,509 430,554	63.00 1,162,350 1,278,270	— — —	— — —	5,574.84 102,855,798 113,113,504
Udang Sedang <i>Medium Prawn</i>	Tonnes N.B.\$ N.R.\$	8,157.35 75,047,620 86,712,630	— — —	— — —	2,490.70 22,914,440 26,476,141	4,671.27 42,975,684 49,655,600	— — —	18.34 168,728 194,954	— — —	— — —	427.89 3,936,588 4,548,471	8.01 73,692 85,146	964.36 8,872,112 10,251,147	— — —	2.59 23,828 27,532	16,740.51 154,012,692 177,951,621
Udang Kecil <i>Small Prawn</i>	Tonnes N.B.\$ N.R.\$	15,447.09 49,430,688 62,560,715	19.04 60,928 77,112	— — —	6,540.46 20,929,472 26,488,863	2,419.21 7,741,472 9,797,800	— — —	245.50 785,600 994,275	— — —	— — —	4,273.76 13,676,032 17,308,728	30.24 96,768 122,472	1,653.86 5,292,352 6,698,133	— — —	8.44 27,008 34,182	30,637.60 98,040,320 124,082,280
Ikan Baja <i>Menure Fish</i>	Tonnes N.B.\$ N.R.\$	118,261.68 20,124,921 39,233,251	747.66 128,769 250,891	7,343.74 1,307,551 2,543,711	6,634.74 1,194,253 2,322,159	3,046.49 548,363 1,066,261	— — —	785.96 139,922 272,205	452.77 81,498 158,470	4.31 776 1,508	2,088.49 346,612 676,528	8.05 1,449 2,818	325.25 58,545 113,838	— — —	— — —	139,699.14 23,932,659 46,641,640
Kerang/ Siput <i>Shellfish</i>	Tonnes N.B.\$ N.R.\$	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	44,360.28 23,622,266 35,726,216	— — —	44,360.28 23,622,266 35,726,216
JUMLAH TOTAL	Tonnes N.B.\$ N.R.\$	225,719.20 324,829,877 420,102,894	134,777.01 225,058,155 300,812,070	44,528.11 229,154,170 272,960,941	17,996.04 51,750,095 63,516,590	61,097.18 264,642,114 315,857,874	13,040.77 22,459,009 29,890,521	4,245.32 9,263,533 11,797,664	11,238.07 27,182,439 34,701,314	30,284.46 71,004,621 90,949,632	15,547.90 32,938,151 42,438,071	810.97 1,992,881 2,513,580	3,697.14 16,469,711 19,805,608	44,360.28 23,622,266 35,726,216	1,713.08 2,723,538 3,670,625	609,055.53 1,303,090,560 1,644,743,600

N.B.\$ = Nilai harga borong/Wholesale value in Malaysian Dollars.

N.R.\$ = Nilai harga runcit/Retail Value in Malaysian Dollars.

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENGUNAAN PENDARATAN IKAN LAUT, 1983
DISPOSITION OF MARINE FISH LANDINGS, 1983

Cara Penggunaan Disposition Channel	Pantai Barat West Coast									Pantai Timur East Coast				Jumlah Kecil Sub-total	Jumlah Besar Tan M. Grand Total Tonnes
	Negeri/State	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Jumlah Kecil Sub-total	Kelantan	Terengganu	Pahang	Johor Timur East Johore	
Diguna secara hidup Disposed alive		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diguna secara basah Disposed fresh		41,694.64	22,423.01	25,430.99	65,300.22	37,878.96	435.63	1,927.16	14,148.30	209,238.91	7,939.41	99,118.13	15,712.54	21,461.72	144,231.80
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.	N.A.
Diguna untuk diawetkan: Disposed for curing:															
Kering/Masin/Diasap Dried/Salted/Smoked		91.45	35,823.48	1,193.14	19,532.71	15,980.96	—	19.50	107.42	72,748.66	223.38	2,316.42	725.00	123.44	3,388.24
Rebus Steamed/boiled		—	—	—	7,158.28	—	—	—	47.95	7,206.23	—	344.67	85.00	1.43	431.10
Diragikan Fermented		7.75	473.94	3,555.28	1,301.44	1,266.25	—	261.75	854.98	7,721.39	225.43	558.72	—	6.88	791.03
Lain-lain Others		6.30	37.23	—	—	—	—	—	27.80	71.33	84.10	3,544.75	158.46	269.91	4,057.22
Tepung Ikan dan Tepong Kulit Udang Diguna untuk mengubahkan Disposed for reduction		—	74,781.56	4,516.96	45,421.08	6,072.72	—	—	1,621.72	132,414.04	—	—	6,068.00	5,470.16	11,538.16
Digunakan untuk lain-lain Disposed for others		—	2,518.80	531.40	7,262.68	2,459.55	—	—	—	12,772.43	—	2,403.32	41.67	—	2,444.99
JUMLAH (Tan Metrik) TOTAL (Tonnes)		41,800.14	136,058.02	35,227.77	145,976.41	63,658.44	435.63	2,208.41	16,808.17	442,172.99	8,472.32	108,286.01	22,790.67	27,333.54	166,882.54

JADUAL (TABLE) 7.2

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
 HASIL IKAN LAUT YANG DIPROSES – 1983
 PROCESSED MARINE FISH PRODUCTS – 1983
 Timbangan dalam Tan Metrik/Weight in Tonnes

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 (Marine Fish)	Tepung Ikan (Fish Meal)	Udang Kering (Dried Prawn)	Tepung Kulit Udang (Prawn Dust)	Otak Udang (Prawn Paste)	Belacan (Shrimp Paste)	Kerupok/Crackers		Cincaluk (Pickled Prawn)	Sotong Kering (Dried Cuttle Fish)	Budu (Fermented Anchovies)	Ubur-ubur (Dried Jelly Fish)	Karang Kering (Dried Corals)	Lain-lain Siput (Other Shellfish)	Bola Ikan (Fish Ball)	Tahu Ikan (Fish Cake)	Udang Rebus (Boiled Prawn)	Sardin (Boiled Tuna)	Satay Ikan (Satay Fish)	Jumlah (Total)
											Ikan (Fish)	Udang (Prawn)												
Pantai Barat/ West Coast:																								
Perlis		42.44	—	—	—	—	5.18	—	—	2.48	0.49	3.61	—	—	—	—	—	—	—	—	—	—	—	54.20
Kedah		3,093.79	7,645.99	—	1,511.28	18,695.39	20.80	—	16.80	97.90	14.80	9.40	—	—	—	—	—	—	—	—	—	—	—	31,106.15
Pulau Pinang/ Penang		225.78	—	—	318.84	1,129.24	114.96	—	212.10	458.97	—	—	—	—	—	35.70	—	—	—	—	—	—	—	2,495.59
Perak		2,753.90	1,461.16	2,112.33	4,357.61	11,355.27	712.18	—	—	416.46	—	—	—	—	—	609.00	—	—	1,306.86	—	95.71	1,301.86	136.00	26,618.34
Selangor		2,385.62	—	—	1,475.73	449.76	1,207.20	1,608.42	—	405.20	—	—	—	172.52	—	—	647.54	—	—	—	6.39	—	—	7,818.38
N. Sembilan		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaka/Malacca		11.70	—	—	—	—	—	—	—	77.20	—	—	6.15	—	—	—	—	—	—	—	—	—	—	95.05
Johor Barat/ West Johore		45.90	7.73	—	—	405.43	—	—	—	230.17	6.45	11.62	40.71	—	—	—	—	—	28.77	—	—	—	—	776.78
Jumlah Kecil/ Sub-Total		8,559.13	9,114.88	2,112.33	7,663.46	32,035.09	2,060.32	1,068.42	228.90	1,688.38	21.74	24.63	46.86	172.52	—	644.70	647.54	—	1,335.63	—	102.10	1,301.86	136.00	68,964.49
Pantai Timur/ East Coast:																								
Kelantan		134.03	—	—	—	—	—	—	—	—	45.92	8.74	—	—	67.63	—	—	—	—	—	—	—	—	256.32
Trengganu		1,024.55	152.21	—	1,441.99	—	—	—	—	1.18	2,304.09	—	122.01	—	44.50	—	—	—	206.80	—	—	—	—	5,297.33
Pahang		279.00	65.00	—	25.00	1,517.00	—	—	—	—	103.00	—	—	—	—	—	—	—	51.00	—	—	—	—	2,040.00
Johor Timur/ East Johore		66.77	—	—	—	1,367.54	1.60	—	—	2.20	173.92	1.52	—	1.44	—	—	—	—	0.51	0.35	—	—	—	1,615.85
Jumlah Kecil/ Sub-Total		1,504.35	217.21	—	1,466.99	2,884.54	1.60	—	—	3.38	2,626.93	10.26	122.01	1.44	112.13	—	—	—	258.31	0.35	—	—	—	9,209.50
Jumlah Besar/ Grand Total		10,063.48	9,332.09	2,112.33	9,130.45	34,919.63	2,061.92	1,068.42	228.90	1,691.76	2,648.67	34.89	168.87	173.96	112.13	644.70	647.54	—	1,593.94	0.35	102.10	1,301.86	136.00	78,173.99

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
KILANG-KILANG AIR BATU DAN KEMUDAHAN-KEMUDAHAN PENYEJUK DI TARIKH 31.12.83
ICE FACTORIES AND REFRIGERATION FACILITIES AS AT 31.12.83

	KILANG AIR BATU <i>Ice Factories</i>						KEMUDAHAN PENYEJUKAN <i>Refrigeration Establishments</i>			JUMLAH KEMAMPUAN PENYIMPAN <i>Total Storage Capacity</i>	
	DAYA PENGELUARAN HARIAN <i>Daily Production Capacity</i>				KEMAMPUAN MENYIMPAN <i>Storage Capacity</i>		KEMAMPUAN MENYIMPAN <i>Storage Capacity</i>				
	Negeri/ <i>State</i>	BILANGAN <i>No.</i>	TAN <i>Tons</i>	BLOK <i>Blocks</i>	LB. SE BLOK <i>Lbs. Per Block</i>	AIS (TAN) <i>Ice (Tons)</i>	IKAN (TAN) <i>Fish (Tons)</i>	BILANGAN <i>No.</i>	AIS (TAN) <i>Ice (Tons)</i>	IKAN (TAN) <i>Fish (Tons)</i>	AIS (TAN) <i>Ice (Tons)</i>
Perlis	2	1,050	1,340	102-145	318	—	12	120	100	438	100
Kedah	5	471	98,410	100-102	440	—	7	187	1,868	627	1,868
Pulau Pinang <i>Penang</i>	4	160	76,512	320	2,100	15	—	—	1,860	2,100	1,875
Perak	14	1,190	11,828	45-145	1,992	1,728	31	666	965	2,658	2,693
Selangor	5	319	3,953	224-308	335	25	26	258	308	593	333
Negeri Sembilan	1	120	120	224	13	—	—	—	—	13	—
Melaka <i>Malacca</i>	2	71	497	320	84	15	—	—	—	84	15
Kelantan	12	68	995	100-320	85	7	—	—	—	85	7
Terengganu	9	296	2,210	220-300	457	32	6	125	136	582	168
Pahang	10	246	3,219	20-224	624	142	3	14	28	638	170
Johor <i>Johore</i>	9	469	82,818	75-320	364	—	14	330	8	694	8
JUMLAH/TOTAL	73	4,460	281,902	—	6,812	1,964	105	1,700	5,273	8,512	7,237

JADUAL (TABLE) 8.2

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HASIL PERIKANAN DALAM RINGGIT MALAYSIA, 1983
(Fisheries Revenue in Malaysian Ringgit, 1983)

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)	Lain-lain Miscellaneous	JUMLAH (TOTAL)	JUALAN PERIKANAN (Fisheries Sales)			Pelbagai Bayaran dan Pindah Molek (Miscellaneous & boat transfer fee)	Sewa Rumah (Rent of Govt. House)	Kompoun atau Denda (Compound or Fine)	Lain-lain (Others)	Sewa Bilik Sejuk (Rent of Cold Room)	Jualan Harta Kerajaan (Sales of Government Property)	JUMLAH (TOTAL)	
						Ikan (Fish)	Patil Belat (Stake No. Plate)	Jualan Bot (Sale of confiscated boat)								
NEGERI (State)																
Perlis	8,996.33	21,429.00	612.00	—	31,037.33	—	—	—	79.00	—	—	—	—	—	79.00	31,116.33
Kedah	31,228.16	50,397.00	2,024.00	—	83,649.16	425.25	—	96,850.00	882.50	—	31,850.00	—	—	—	130,007.75	213,656.91
P. Pinang (Penang)	18,798.42	42,200.42	2,282.00	—	63,208.84	—	—	—	541.50	—	35,950.00	341.40	—	3,666.66	40,499.56	103,708.40
Perak	56,599.25	104,491.00	4,889.00	—	165,979.25	—	—	725.00	7,370.00	—	118,700.00	—	—	—	126,795.00	292,774.25
Selangor	40,799.19	43,995.00	3,494.00	—	88,288.19	—	—	—	806.00	—	88,900.00	—	—	—	89,706.00	177,994.19
Negeri Sembilan	767.08	532.00	208.00	—	1,507.08	—	—	—	11.50	—	—	—	—	—	11.50	1,518.58
Melaka (Malacca)	2,582.84	1,984.00	864.00	—	5,430.84	15.00	—	—	50.50	—	300.00	—	—	—	365.50	5,796.34
Kelantan	9,817.82	11,759.00	1,668.00	—	23,244.82	20.50	2,750.00	2,937.00	167.00	255.00	4,700.00	810.50	7,140.00	—	18,550.00	41,794.82
Terengganu	28,585.21	42,964.00	3,364.00	—	74,913.21	609.00	—	12,339.00	1,041.20	—	24,700.00	2,100.00	12,621.00	—	53,410.20	128,323.41
Pahang	11,762.37	23,359.00	1,190.00	—	36,311.37	—	—	—	178.50	—	47,700.00	—	—	—	47,878.50	84,189.87
Johor (Johore)	35,163.59	59,516.00	5,100.00	—	99,839.59	—	60.00	415.00	966.50	—	38,450.00	—	1.00	—	39,892.50	139,732.09
Jumlah (Total)	245,100.26	402,686.42	25,695.00	—	673,409.68	1,069.75	2,810.00	113,266.00	12,094.20	255.00	391,250.00	3,251.90	19,762.00	3,666.66	547,195.51	1,220,605.19

JADUAL (TABLE) 9.1 (samb.) (cont.)

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1983
IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1983
(Value in Malaysian Dollars)

S.I.T.C. Commodity Code	Description of Commodity	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
	FISH, FRESH, CHILLED OR FROZEN (excluding fillets)					
034 110 00	Fish fry, alive	1000	7,957.35	669,214	1,701.46	69,650
034 120 00	Fish for aquaria, alive	100	70,318.76	2,513,612	47,656.74	876,391
034 131 00	Tuna, fresh or chilled	Tonne	306.69	673,728	2.75	2,806
034 132 00	Sauries, fresh or chilled	Tonne	—	—	—	—
034 139 00	Other marine fish, fresh or chilled	Tonne	69,085.47	56,151,965	25,901.46	14,661,396
034 140 00	Freshwater fish, fresh or chilled	Tonne	41.92	292,959	82.70	117,533
034 300 00	Fish fillets, fresh or chilled	Tonne	197.40	215,327	0.51	4,715
034 211 00	Tuna, frozen	Tonne	922.85	2,909,166	3.16	3,752
034 212 00	Sauries, frozen	Tonne	0.39	1,436	—	—
034 219 00	Other marine fish, frozen	Tonne	1,446.82	3,861,430	1,487.39	1,622,153
034 220 00	Freshwater fish, frozen	Tonne	28.21	142,453	0.15	760
034 400 00	Fish fillets, frozen	Tonne	136.72	641,983	38.35	57,144
	TOTAL		72,166.47	68,073,273	27,516.47	17,416,300
	FISH-DRIED, SALTED, IN BRINE OR SMOKED					
035 010 00	Fish meal fit for human consumption	Tonne	14.56	26,166	13.00	2,860
035 020 00	Cod, not in fillets, dried, whether or not salted	Tonne	0.10	1,475	26.47	78,526
035 031 00	Fishmaws, dried, salted or in brine	Tonne	29.68	362,902	2.89	20,647
035 032 00	Sharks' fins, dried, salted or in brine	Tonne	602.42	3,539,537	39.80	335,758
035 039 10	Marine fish, dried, salted or in brine	Tonne	4,331.97	5,032,298	4,374.23	5,829,776
035 039 10	Freshwater fish, dried, salted or in brine	Tonne	52.30	58,634	318.54	306,322
035 041 00	Smoked salmon	Tonne	6.42	214,991	—	—
035 049 00	Other smoked fish	Tonne	3.05	31,244	116.08	429,461
	TOTAL		5,040.50	9,267,247	4,891.01	7,003,350

JADUAL (TABLE) 9.1 (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1983
IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1983
(Value in Malaysian Dollars)

S.I.T.C Commodity Code	Description of Commodity	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
	CRUSTACEANS AND MOLLUSCS FRESH, CHILLED, FROZEN, DRIED, SALTED, IN BRINE OR SIMPLY BOILED					
036 011 00	Prawns, fresh, chilled	Tonne	8,435.82	6,684,864	7,490.65	8,808,870
036 012 00	Prawns, fresh, frozen	Tonne	2,011.28	6,940,220	2,171.87	45,881,272
036 013 00	Prawns, salted, in brine dried or simply boiled	Tonne	832.28	2,444,557	331.20	808,837
036 019 00	Other prawns	Tonne	50.54	413,728	629.99	1,532,995
036 021 00	Other crustaceans, fresh, chilled or frozen	Tonne	2,152.79	2,775,765	221.47	197,812
036 028 00	Other crustaceans, salted, in brine, dried or simply boiled	Tonne	7.62	85,674	3.24	13,402
036 029 00	Other crustaceans, n.e.s.	Tonne	569.61	1,529,567	175.08	634,453
036 030 00	Oysters	Tonne	391.42	2,160,081	8.79	25,134
036 041 00	Other molluscs, fresh, chilled or frozen	Tonne	5,739.34	7,426,366	13,593.28	10,751,605
036 048 00	Other molluscs, salted, in brine, dried or simply boiled	Tonne	3,084.87	14,012,175	2,644.44	14,246,413
036 049 00	Other molluscs, n.e.s.	Tonne	420.13	1,471,967	14,216.81	4,054,458
011 891 00	Beche-de-mer (trepang) fresh, chilled or frozen	Tonne	0.74	4,424	—	—
012 902 00	Beche-de-mer (trepang) salted, in brine dried or smoked	Tonne	1,082.60	2,099,484	4.00	15,785
	TOTAL		24,779.04	48,048,872	41,490.82	86,971,036
	PREPARED OR PRESERVED FISH In airtight containers:					
037 111 00	Sardines	Tonne	13,542.31	31,379,502	474.21	1,220,253
037 112 00	Herrings and brislings	Tonne	45.74	96,922	12.19	53,129
037 113 00	Pilchards	Tonne	0.09	480	0.89	3,927
037 114 00	Salmon	Tonne	10.97	47,790	10.86	30,420
037 115 00	Sauries	Tonne	1.06	6,498	2.17	15,549
037 116 00	Tuna	Tonne	170.05	1,015,584	3,885.92	21,508,640
037 117 00	Horse mackerels	Tonne	2,084.91	5,700,737	509.52	886,742
037 119 00	Other	Tonne	1,058.51	3,556,062	2,003.60	6,995,804
	TOTAL		16,913.64	41,803,575	6,699.36	30,714,464
	In other than airtight containers:					
037 191 00	Shark's fins	Tonne	3.84	27,515	1.17	17,243
037 192 00	Fish paste and similar preparations	Tonne	320.68	424,095	68.88	116,563
037 193 00	Fish, boiled or steamed	Tonne	6.47	61,613	0.36	797
037 199 00	Other	Tonne	309.44	1,041,387	380.22	948,749
	TOTAL		640.43	1,554,610	450.63	1,083,352

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1983
IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1983
(Value in Malaysian Dollars)

S.I.T.C. Commodity Code	Description of Commodity	Unit Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
	PREPARED OR PRESERVED CRUSTACEANS AND MOLLUSCS In airtight containers:					
037 211 00	Abalone	Tonne	378.19	3,499,645	20.11	157,314
037 212 00	Prawns and shrimps	Tonne	652.63	2,716,160	1,556.75	10,693,446
037 213 00	Crabs	Tonne	642.50	2,815,100	892.27	10,012,785
037 214 00	Cuttlefish	Tonne	816.56	5,200,025	724.90	1,904,148
037 219 00	Other	Tonne	170.70	611,537	2,129.08	8,768,444
	TOTAL		2,660.58	14,842,467	5,323.11	31,536,137
037 220 00	In other than airtight containers	Tonne	1,064.52	2,365,899	7,101.61	63,180,796
	FATS AND OILS OF FISH AND MARINE MAMMALS					
411 110 00	Fish liver oil	Tonne	414.57	815,787	1.96	6,310
411 120 00	Other fish oils and fats	Tonne	34.80	32,271	—	—
411 130 00	Oils and fats of marine mammals	Tonne	—	—	—	—
	TOTAL		449.37	848,058	1.96	6,310
	FLOURS AND MEALS OF FISH, CRUSTACEANS OR MOLLUSCS, UNFIT FOR HUMAN CONSUMPTION					
081 421 00	Fish meal	Tonne	35,711.38	17,404,626	2,820.30	898,135
081 422 00	Prawn dust	Tonne	64.13	12,577	102.31	32,875
081 429 00	Other	Tonne	96.02	239,118	10,544.44	436,469
	TOTAL		35,871.53	17,656,321	13,467.05	1,367,479
	MISCELLANEOUS					
098 059 20	Soups and broths in liquid, solid of powder form of fish, crustaceans and molluscs	Tonne	4.68	26,021	4.41	85,767
098 019 20	Homogenised composite food preparations of fish, crustaceans and molluscs	Tonne	0.39	3,252	13.19	38,899
098 081 00	Turtles eggs	100	—	—	—	—
291 940 00	Fish Waste	Tonne	9.56	1,106	10.77	735
291 150 00	Coral etc. unworked	Tonne	13.46	27,396	67.65	34,042
291 970 00	Natural sponges	Tonne	0.91	13,171	0.07	471
291 991 00	Products of fish, crustaceans & molluscs, n.e.s., unfit for human consumption	Tonne	327.92	136,752	212.36	195,055
098 049 10	Belacan	Tonne	1,883.23	392,673	10,047.62	3,058,110
271 101 00	Crude fish fertilizers	Tonne	0.07	435	—	—
592 234 00	Fish glues	Tonne	0.03	261	0.26	1,806
667 101 00	Cultured pearls, not mounted, set or strung	Value	0.00	72,178	—	—
667 109 00	Other pearls, unworked or worked, but not mounted, set or strung	Value	0.00	55,770	—	—
292 981 00	Sea-weed products	Tonne	137.73	636,622	20.81	65,800
292 922 00	Sea-grass	Tonne	86.19	62,044	15.99	51,488
	TOTAL		2,464.17	1,427,681	10,393.13	3,532,173
	GRAND TOTAL		162,050.25	205,888,003	117,335.15	242,811,397

- 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 ISSCFC.
 - 3) n.e.s. — not elsewhere stated.

JADUAL (TABLE) 9.2. (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OR ORIGIN, 1983

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Fish fry, alive	1,000		
Thailand		6,950.94	459,445
Taiwan		609.70	129,332
Singapore, Rep. of		369.73	60,927
Hong Kong		19.52	9,758
Others		7.46	9,752
TOTAL		7,957.35	669,214
Fish for aquaria, alive	100		
Singapore		30,675.88	1,052,119
Thailand		26,054.50	601,493
Hong Kong		6,187.07	362,932
Indonesia, Rep. of		2,408.97	190,264
Taiwan		1,723.91	139,040
Japan		2,872.54	133,725
Others		395.89	34,039
TOTAL		70,318.76	2,513,612
Tuna, fresh or chilled	Tonne		
Singapore		304.99	646,942
Japan		1.70	26,786
TOTAL		306.69	673,728
Sauries, fresh or chilled	Tonne	—	—
TOTAL		—	—
Other marine fish, fresh or chilled	Tonne		
Thailand		61,007.19	42,091,107
Indonesia, Rep. of		7,483.07	12,194,721
Japan		12.61	427,003
India		127.99	384,078
Bangladesh		36.97	356,065
Singapore, Rep. of		221.20	331,049
Other countries in South America, n.e.s.		62.00	158,828
New Zealand		60.97	100,308
U.S.A.		2.87	27,548
Others		70.60	81,258
TOTAL		69,085.47	56,151,965
Freshwater fish, fresh or chilled	Tonne		
Thailand		26.00	239,822
Singapore, Rep. of		8.86	18,587
Japan		3.39	14,916
Indonesia, Rep. of		2.55	14,814
Taiwan		1.09	4,451
U.K.		0.03	369
TOTAL		41.92	292,959
Fish fillets, fresh or chilled	Tonne		
Thailand		195.48	189,299
Bangladesh		1.77	24,770
Others		0.15	1,258
TOTAL		197.40	215,327
Tuna, frozen	Tonne		
India		430.00	1,446,146
Taiwan		150.80	506,980
Other countries in Oceania, n.e.s.		133.00	446,084
Singapore, Rep. of		99.13	266,326
Japan		109.14	242,272
Indonesia, Rep. of		0.78	1,358
TOTAL		922.85	2,909,166
Sauries, frozen	Tonne		
Japan		0.39	1,436
TOTAL		0.39	1,436

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OR ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Other marine fish, frozen	Tonne		
India		229.42	723,548
Indonesia, Rep. of		236.81	678,961
Bangladesh		157.61	598,531
New Zealand		306.88	463,890
Japan		62.38	409,789
Singapore, Rep. of		178.79	243,300
Thailand		162.26	197,242
Australia		7.27	121,217
U.S.A.		11.61	110,989
Others		93.79	313,963
TOTAL		1,446.82	3,861,430
Freshwater fish, frozen	Tonne		
Canada		21.77	102,076
U.S.A.		1.40	12,956
Indonesia, Rep. of		2.92	11,136
Denmark		1.36	10,430
Japan		0.28	4,659
Hong Kong		0.48	1,196
TOTAL		28.21	142,453
Fish fillets, frozen	Tonne		
India		83.42	243,929
Japan		5.20	174,962
U.S.A.		16.10	116,712
Thailand		24.57	62,810
U.K.		1.71	13,244
Norway		1.72	11,727
Others		4.00	18,599
TOTAL		136.72	641,983
Fish meal fit for human consumption	Tonne		
Australia		12.40	17,283
Japan		0.56	7,099
Singapore, Rep. of		1.24	1,220
U.K.		0.21	420
Indonesia, Rep. of		0.15	144
TOTAL		14.56	26,166
Cod, not in fillets, dried, whether or not salted	Tonne		
Japan		0.00	938
India		0.05	462
Indonesia, Rep. of		0.05	75
TOTAL		0.10	1,475
Fishmaws, dried, salted or in brine	Tonne		
Indonesia, Rep. of		23.24	306,051
Bangladesh		1.94	38,233
Hong Kong		1.33	15,245
Others		3.17	3,373
TOTAL		29.68	362,902
Sharks' fish, dried, salted or in brine	Tonne		
Indonesia, Rep. of		485.01	2,405,693
Japan		57.95	594,083
Singapore, Rep. of		7.97	262,347
Hong Kong		43.88	165,288
India		5.62	71,920
Bangladesh		1.34	28,092
Others		0.65	12,114
TOTAL		602.42	3,539,537

SĚMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Marine fish, dried, salted or in brine	Tonne		
Thailand		3,918.62	3,974,100
Indonesia, Rep. of		174.96	385,393
Sabah		55.16	179,534
Hong Kong		24.28	113,330
Korea, Rep. of		45.60	104,663
Japan		16.48	75,628
Korea, Democratic People's Rep. of		21.07	48,342
Taiwan		9.73	47,968
Vietnam, Socialist Rep. of		11.15	29,491
Others		54.92	73,949
TOTAL		4,331.97	5,032,298
Freshwater fish, dried, salted or in brine	Tonne		
Thailand		42.92	32,659
Indonesia, Rep. of		6.49	17,366
Hong Kong		1.08	2,759
Taiwan		0.34	2,617
Japan		0.59	1,681
Singapore, Rep. of		0.76	1,192
Vietnam, Socialist Rep. of		0.12	360
TOTAL		52.30	58,634
Smoked salmon	Tonne		
U.S.A.		3.20	122,019
U.K.		0.82	31,070
Thailand		0.93	20,092
Denmark		0.60	16,033
Canada		0.26	8,475
Japan		0.18	5,208
Germany, Federal Rep. of		0.17	3,873
Sweden		0.07	2,475
New Zealand		0.05	1,781
Others		0.14	3,965
TOTAL		6.42	214,991
Other smoked fish	Tonne		
U.K.		1.64	9,247
U.S.A.		0.32	6,749
Japan		0.55	5,127
Sweden		0.24	3,961
Singapore, Rep. of		0.02	1,521
Others		0.28	4,639
TOTAL		3.05	31,244
Prawns, fresh, chilled	Tonne		
Thailand		7,652.86	5,075,232
Pakistan		17.97	225,845
Indonesia, Rep. of		757.93	1,327,949
Sabah		3.32	45,475
Others		3.74	10,363
TOTAL		8,435.82	6,684,864
Prawns, fresh, frozen	Tonne		
Indonesia, Rep. of		1,708.62	3,097,598
Thailand		156.52	2,651,797
Pakistan		36.79	377,487
Singapore, Rep. of		51.25	205,816
Sarawak		16.33	195,539
India		22.35	146,894
U.S.A.		2.90	128,066
Canada		12.45	90,985
Japan		1.17	28,675
Others		2.90	17,363
TOTAL		2,011.28	6,940,220

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Prawns, salted, in brine, dried or simply boiled	Tonne		
Thailand		669.69	1,670,174
Indonesia, Rep. of		131.76	575,381
Vietnam, Socialist Rep. of		28.60	154,511
Australia		0.90	20,696
Sarawak		1.29	11,655
Others		3.04	12,140
TOTAL		832.28	2,444,557
Other prawns			
Japan		13.71	136,990
Sabah		4.13	79,194
New Zealand		3.66	67,570
Sarawak		6.57	50,393
Thailand		12.41	37,467
Indonesia, Rep. of		7.96	13,937
U.S.A.		0.36	16,562
Others		1.74	11,615
TOTAL		50.54	413,728
Other crustaceans, fresh, chilled or frozen	Tonne		
Thailand		1,625.51	1,132,353
Indonesia, Rep. of		413.57	1,067,476
Singapore, Rep. of		95.19	320,416
Japan		9.29	93,608
Australia		3.76	67,430
U.S.A.		0.59	29,229
New Zealand		1.36	26,868
Hong Kong		1.61	25,669
Others		1.91	12,716
TOTAL		2,152.79	2,775,765
Other crustaceans, salted, in brine, dried or simply boiled	Tonne		
Australia		3.00	60,038
Philippines		0.15	7,041
Indonesia, Rep. of		2.64	6,205
Hong Kong		0.70	5,813
Korea, Rep. of		0.61	3,068
Canada		0.27	2,721
Others		0.25	788
TOTAL		7.62	85,674
Other crustaceans, n.e.s.	Tonne		
Indonesia		301.31	845,472
Thailand		244.01	445,949
Australia		3.84	103,239
Bangladesh		8.79	39,250
Philippines		0.95	36,941
India		5.22	20,554
Hong Kong		0.97	18,525
Others		4.52	19,637
TOTAL		569.61	1,529,567
Oysters	Tonne		
Korea, Rep. of		336.36	1,711,981
Japan		18.26	174,962
New Zealand		14.58	116,516
France		6.24	74,958
Australia		1.60	18,261
Hong Kong		3.27	19,619
Others		11.11	43,784
TOTAL		391.42	2,160,081

JADUAL (TABLE) 9.2 (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Other molluscs, fresh, chilled or frozen	Tonne		
Thailand		5,354.41	6,027,926
Indonesia, Rep. of		227.46	341,028
Japan		29.80	276,081
New Zealand		42.66	269,937
Australia		17.94	245,857
Singapore, Rep. of		50.96	90,106
U.S.A.		2.20	64,842
Korea, Rep. of		4.91	61,743
Others		9.00	48,846
TOTAL		5,739.34	7,426,366
Other molluscs, salted, in brine, dried or simply boiled	Tonne		
Korea, Rep. of		375.48	2,868,482
Canada		204.59	2,725,387
Thailand		1,692.34	2,286,903
Japan		33.39	1,934,403
Hong Kong		208.95	1,359,310
Vietnam, Socialist Rep. of		119.70	1,283,038
Indonesia, Rep. of		294.35	543,757
Sarawak		61.63	350,019
Taiwan		18.71	264,378
Others		75.73	396,498
TOTAL		3,084.87	14,012,175
Other molluscs n.e.s.	Tonne		
New Zealand		38.43	326,618
Japan		7.39	275,655
Indonesia, Rep. of		192.79	272,699
Thailand		126.83	153,770
Australia		7.44	127,133
Singapore, Rep. of		29.75	88,134
Hong Kong		7.41	63,095
Korea, Rep. of		3.21	52,226
Canada		3.11	51,861
Others		3.77	60,776
TOTAL		420.13	1,471,967
Beche-de-mer (trepang), fresh, chilled or frozen	Tonne		
Indonesia, Rep. of		0.69	3,633
Japan		0.02	491
Philippines		0.03	300
TOTAL		0.74	4,424
Beche-de-mer (trepang), salted, in brine, dried or smoked	Tonne		
Indonesia, Rep. of		1,060.72	1,924,944
Sabah		9.28	66,293
Phillipines		4.38	42,225
India		5.81	43,277
Others		2.41	22,745
TOTAL		1,082.60	2,099,484
Sardines, in airtight containers	Tonne		
Japan		9,724.34	23,248,381
Chile		1,290.47	3,141,815
Thailand		2,039.22	3,674,180
China, People's Rep. of		358.23	889,812
Norway		33.01	203,792
Peru		78.49	175,640
Others		18.55	45,882
TOTAL		13,542.31	31,379,502
Herrings and brisling, in airtight containers	Tonne		
Japan		40.47	89,382
Denmark		4.96	3,992
Germany, Federal Rep. of		0.20	2,648
Australia		0.07	769
Netherlands		0.04	120
Singapore, Rep. of		0.00	11
TOTAL		45.74	96,922

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Pilchards, in airtight containers	Tonne		
Australia		0.09	480
TOTAL		0.09	480
Salmon in airtight containers	Tonne		
Canada		1.79	21,377
U.S.A.		7.16	14,360
Australia		0.47	7,027
Others		1.55	5,026
TOTAL		10.97	47,790
Sauries, in airtight containers	Tonne		
China, People's Rep. of		0.65	3,615
Germany, Federal Rep. of		0.36	2,186
Japan		0.05	697
TOTAL		1.06	6,498
Tuna, in airtight containers	Tonne		
Singapore, Rep. of		151.42	913,133
Germany, Federal Rep. of		10.39	69,663
U.S.A.		6.92	20,281
Japan		0.94	8,118
U.K.		0.16	2,364
Australia		0.18	1,897
Thailand		0.04	128
TOTAL		170.05	1,015,584
Horse mackerels, in airtight containers	Tonne		
Japan		2,019.75	5,579,116
China, People's Rep. of		62.59	105,564
Denmark		2.51	15,748
Others		0.06	309
TOTAL		2,084.91	5,700,737
Other prepared or preserved fish, incl. caviar and caviar substitutes, in airtight containers			
China, People's Rep. of		586.35	2,542,774
Japan		375.76	706,751
Thailand		64.66	130,294
U.K.		5.93	51,526
Singapore, Rep. of		12.33	35,366
Denmark		3.98	18,873
France		1.26	11,439
Hong Kong		1.03	10,750
U.S.A.		0.95	10,730
Others		6.26	37,559
TOTAL		1,058.51	3,556,062
Sharks' fins, prepared, not in airtight containers	Tonne		
Singapore, Rep. of		0.72	20,703
Thailand		2.90	5,100
India		0.04	988
Australia		0.18	724
TOTAL		3.84	27,515
Fish paste and similar preparations, not in airtight containers	Tonne		
Thailand		276.85	230,028
Japan		32.07	162,720
Singapore, Rep. of		11.08	27,203
Others		0.68	4,144
TOTAL		320.68	424,095
Fish, boiled or steamed, not in airtight containers	Tonne		
Japan		5.56	57,425
U.S.A.		0.28	2,402
Singapore, Rep. of		0.63	1,786
TOTAL		6.47	61,613

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Other prepared or preserved fish, incl. caviar and caviar substitutes, not in airtight containers	Tonne		
Japan		56.27	280,012
U.K.		21.91	232,020
U.S.A.		34.89	223,092
Thailand		127.18	107,558
Singapore, Rep. of		30.19	74,245
Hong Kong		11.87	41,198
New Zealand		6.05	35,804
Denmark		8.84	18,902
Others		12.24	28,556
TOTAL		309.44	1,041,387
Abalone, in airtight containers	Tonne		
Australia		237.57	2,306,455
New Zealand		103.24	756,562
Mexico		22.64	192,595
U.S.A.		5.88	123,482
Hong Kong		5.00	77,733
Japan		3.59	37,654
Others		0.27	5,164
TOTAL		378.19	3,499,645
Prawns and shrimps, in airtight containers	Tonne		
Thailand		640.43	2,631,190
Australia		1.53	42,218
Singapore, Rep. of		3.38	28,254
Japan		0.74	7,157
Indonesia, Rep. of		6.30	6,543
Others		0.25	798
TOTAL		652.63	2,716,160
Crabs, in airtight containers	Tonne		
Thailand		530.60	2,428,506
Indonesia, Rep. of		97.31	254,174
Singapore, Rep. of		13.28	113,195
Japan		1.20	17,643
Others		0.11	1,582
TOTAL		642.50	2,815,100
Cuttlefish, in airtight containers	Tonne		
Thailand		417.40	4,302,743
Singapore, Rep. of		385.57	817,673
Japan		3.02	44,922
Hong Kong		8.82	24,382
Others		1.75	10,305
TOTAL		816.56	5,200,025
Other crustaceans and molluscs prepared or preserved in airtight containers	Tonne		
Singapore, Rep. of		43.45	165,093
China, People's Rep. of		47.91	116,963
Japan		10.64	95,624
Korea, Rep. of		11.09	63,760
Netherlands		16.33	45,393
New Zealand		5.21	40,461
Indonesia, Rep. of		20.53	36,352
France		2.39	26,184
Others		13.15	21,707
TOTAL		170.70	611,537

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Crustaceans and molluscs, prepared or preserved, not in airtight containers	Tonne		
Thailand		511.82	770,777
Indonesia, Rep. of		269.46	588,770
Japan		143.34	471,716
Singapore, Rep. of		106.19	318,709
Sarawak		10.30	122,911
China, People's Rep. of		14.74	50,364
Australia		1.50	30,651
Others		7.17	12,001
TOTAL		1,064.52	2,365,899
Fish liver oil	Tonne		
Netherlands		107.91	177,662
Japan		84.03	164,447
Norway		103.62	185,491
Iceland		41.04	117,824
U.K.		28.14	87,447
Ireland		13.68	39,357
Indonesia, Rep. of		27.73	24,224
China, People's Rep. of		6.00	11,815
Chile		2.04	4,100
U.S.A.		0.38	3,420
TOTAL		414.57	815,787
Other fish oils and fats	Tonne		
New Zealand		9.75	21,289
Singapore, Rep. of		22.80	7,320
Sweden		2.25	3,662
TOTAL		34.80	32,271
Oils and fats of marine mammals	Tonne	—	—
TOTAL		—	—
Fish meal not for human consumption	Tonne		
Thailand		34,295.87	15,979,963
Singapore, Rep. of		803.11	816,869
Brazil		182.34	180,878
Peru		143.40	150,319
China, People's Rep. of		175.52	110,561
Japan		14.28	88,744
Chile		18.97	22,764
Vietnam, Socialist Rep. of		25.71	21,977
Indonesia, Rep. of		28.21	17,854
Others		23.97	14,697
TOTAL		35,711.38	17,404,626
Prawn dust not for human consumption	Tonne		
Thailand		54.98	9,542
Indonesia, Rep. of		9.15	3,035
TOTAL		64.13	12,577
Flours and meals of crustaceans or molluscs, not for human consumption	Tonne		
Japan		22.87	115,180
Taiwan		7.00	88,404
Canada		13.00	19,065
Thailand		46.44	12,456
Others		6.71	4,013
TOTAL		96.02	239,118
Soups and broths in liquid, solid or powder form of fish, crustaceans and molluscs	Tonne		
Japan		0.76	11,802
France		0.54	5,284
Switzerland		0.64	5,086
China, People's Rep. of		2.70	3,715
U.S.A.		0.04	134
TOTAL		4.68	26,021

JADUAL (TABLE) 9.2 (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Homogenised composite food preparations of fish, crustaceans and molluscs	Tonne		
Japan		0.36	2,792
France		0.03	460
TOTAL		0.39	3,252
Turtles' eggs	Tonne	—	—
TOTAL		—	—
Fish waste	Tonne		
Thailand		9.00	770
Philippines		0.56	336
TOTAL		9.56	1,106
Coral and similar substances and shells unworked or simply prepared, powder and waste of shells	Tonne		
Indonesia, Rep. of		8.73	15,134
France		0.16	3,732
Japan		0.80	3,084
Sarawak		0.65	2,531
Thailand		2.47	1,096
U.S.A		0.20	596
Singapore, Rep. of		0.21	545
Philippines		0.18	528
Hong Kong		0.06	150
TOTAL		13.46	27,396
Natural sponges	Tonne		
U.S.A.		0.70	9,947
Japan		0.09	2,588
Germany, Federal Rep. of		0.11	602
Singapore, Rep. of		0.01	34
TOTAL		0.91	13,171
Products of fish, crustaceans and molluscs, n.e.s., unfit for human consumption	Tonne		
Germany, Federal Rep. of		37.99	50,588
Thailand		275.77	38,310
U.S.A.		11.97	30,874
Taiwan		1.18	7,763
Japan		0.21	5,951
Indonesia, Rep. of		0.59	2,077
Hong Kong		0.21	1,189
TOTAL		327.92	136,752
Belacan	Tonne		
Indonesia, Rep. of		1,876.40	389,404
Singapore, Rep. of		3.72	2,257
Thailand		3.06	936
Japan		0.05	76
TOTAL		1,883.23	392,673
Crude fish fertilizers	Tonne		
U.S.A		0.07	435
TOTAL		0.07	435
Fish glues	Tonne		
France		0.03	261
TOTAL		0.03	261
Cultured pearls, not mounted, set or strung	Value		
Japan		0.00	55,792
Singapore, Rep. of		0.00	8,985
Germany, Federal Rep. of		0.00	3,956
Hong Kong		0.00	2,905
U.S.A.		0.00	540
TOTAL		0.00	72,178

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1983
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Other pearls, unworked or worked, but not mounted, set or strung	Tonne		
Hong Kong		0.00	35,074
Japan		0.00	15,850
U.K.		0.00	2,812
Indonesia, Rep. of		0.00	2,034
TOTAL		0.00	55,770
Sea-weed products	Tonne		
China, People's Rep. of		36.15	312,084
Japan		22.00	137,007
Korea, Rep. of		46.84	85,026
Taiwan		8.30	69,865
Hong Kong		17.59	14,508
Indonesia, Rep. of		3.09	8,057
Vietnam, Socialist Rep. of		1.20	5,268
Singapore, Rep. of		0.12	1,591
Korea, Democratic People's Rep. of		0.61	1,403
Others		1.83	1,813
TOTAL		137.73	636,622
Sea-grass	Tonne		
China, People's Rep. of		63.00	44,883
Taiwan		21.17	15,401
Indonesia, Rep. of		0.65	1,341
Hong Kong		1.31	335
Japan		0.02	44
Thailand		0.04	40
TOTAL		86.19	62,044

JADUAL (TABLE) 9.3 (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Fish fry, alive	1000		
Sabah		160.00	27,701
Sarawak		76.24	25,915
Taiwan		1,084.77	7,933
Singapore, Rep. of		119.12	3,736
Thailand		200.00	3,000
Hong Kong		60.26	830
Saudi Arabia		0.95	475
U.K.		0.12	60
TOTAL		1,701.46	69,650
Fish for aquaria	100		
Sabah		24,954.15	579,170
Singapore, Rep. of		15,560.50	130,222
Sarawak		1,558.78	129,111
Hong Kong		2,258.81	13,887
Brunei		24.00	8,953
Others		3,300.50	15,048
TOTAL		47,656.74	876,391
Tuna, fresh or chilled	Tonne		
Singapore, Rep. of		2.75	2,806
TOTAL		2.75	2,806
Sauries, fresh or chilled	Tonne	—	—
TOTAL		—	—
Other marine fish, fresh or chilled	Tonne		
Singapore, Rep. of		24,641.43	13,469,639
Sarawak		316.55	586,753
Thailand		836.80	397,672
Brunei		61.96	117,204
Sabah		13.46	28,062
Bahrain		9.70	21,557
Japan		5.00	15,417
Others		16.56	25,092
TOTAL		25,901.46	14,861,396
Freshwater fish, fresh or chilled	Tonne		
Singapore, Rep. of		56.17	93,423
Thailand		23.48	15,058
Sabah		2.82	8,002
Sarawak		0.20	1,000
Canada		0.03	50
TOTAL		82.70	117,533
Fish fillets, fresh or chilled	Tonne		
Sabah		0.27	3,425
Sarawak		0.12	1,140
Brunei		0.12	144
Australia		0.00	6
TOTAL		0.51	4,715
Tuna, frozen	Tonne		
Singapore, Rep. of		1.16	2,552
Japan		2.00	1,200
TOTAL		3.16	3,752
Sauries, frozen	Tonne	—	—
TOTAL		—	—
Other marine fish, frozen	Tonne		
Sarawak		583.09	745,686
Singapore, Rep. of		516.09	280,680
Sabah		57.86	273,139
Australia		240.83	212,751
Brunei		34.39	47,567
Japan		14.09	45,052
Thailand		40.56	16,224
Others		0.48	1,054
TOTAL		1,487.39	1,622,153

JADUAL (TABLE) 9.3 (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Freshwater fish, frozen	Tonne		
Singapore, Rep. of		0.13	710
Sabah		0.02	50
TOTAL		0.15	760
Fish fillets, frozen	Tonne		
Sarawak		28.06	52,717
Thailand		10.00	4,000
Singapore, Rep. of		0.28	420
Hong Kong		0.01	7
TOTAL		38.35	57,144
Fish meal fit for human consumption	Tonne		
Singapore, Rep. of		13.00	2,860
TOTAL		13.00	2,860
Cod not in fillets, dried, whether or not salted	Tonne		
Sarawak		23.53	66,966
Australia		2.40	3,821
Hong Kong		0.22	2,928
U.S.A.		0.19	2,579
Singapore, Rep. of		0.13	2,156
Sabah		0.00	76
TOTAL		26.47	78,526
Fishmaws, dried, salted or in brine	Tonne		
Japan		1.52	9,120
Singapore, Rep. of		0.87	5,976
Sabah		0.50	5,551
TOTAL		2.89	20,647
Sharks' fins, dried, salted or in brine	Tonne		
Sabah		24.78	225,549
Sarawak		6.22	91,521
Singapore, Rep. of		8.53	14,923
Hong Kong		0.27	3,765
TOTAL		39.80	335,758
Marine fish, dried, salted or in brine	Tonne		
Singapore, Rep. of		3,802.00	3,621,887
Sarawak		331.45	1,138,114
Japan		80.96	491,203
Hong Kong		10.78	221,379
Australia		7.93	97,684
Netherlands		16.98	92,316
Sabah		11.10	52,638
Thailand		82.77	46,188
U.S.A.		1.85	34,772
Others		28.41	33,595
TOTAL		4,374.23	5,829,776
Freshwater fish, dried, salted or in brine	Tonne		
Singapore, Rep. of		301.44	245,613
Sarawak		14.92	58,273
Sabah		2.18	2,436
TOTAL		318.54	306,322
Smoked salmon	Tonne	—	—
TOTAL		—	—
Other smoked fish	Tonne		
Sarawak		82.30	323,891
Singapore, Rep. of		29.22	85,425
Sabah		4.04	11,752
U.S.A.		0.45	7,217
Australia		0.07	1,166
U.K.		0.00	10
TOTAL		116.08	429,461

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Prawns, fresh, chilled	Tonne		
Singapore, Rep. of		7,401.51	7,996,386
Japan		21.17	485,583
Taiwan		55.20	229,615
Australia		2.27	51,102
Thailand		9.39	42,465
Others		1.11	3,719
TOTAL		7,490.65	8,808,870
Prawns, fresh, frozen	Tonne		
Japan		1,186.52	29,630,411
Australia		262.29	5,641,174
U.S.A.		259.63	4,738,914
U.K.		225.76	3,411,741
Netherlands		84.08	996,637
Denmark		57.70	483,336
New Zealand		15.38	343,863
Malagasy Rep.		8.93	138,775
Singapore, Rep. of		31.94	135,241
Others		39.64	361,180
TOTAL		2,171.87	45,881,272
Prawns, salted, in brine, dried or simply boiled	Tonne		
Singapore, Rep. of		264.60	364,156
Sarawak		31.18	249,177
Japan		26.52	142,113
Netherlands		3.29	26,669
Australia		5.20	24,789
U.K.		0.38	1,512
Sabah		0.03	421
TOTAL		331.20	808,837
Other prawns	Tonne		
Taiwan		201.56	524,157
Japan		101.07	478,644
Singapore, Rep. of		267.02	360,983
Italy		22.08	63,230
Sarawak		19.00	40,566
Australia		1.22	33,271
France		14.29	23,841
U.S.A.		3.14	7,625
Hong Kong		0.39	500
Sabah		0.22	178
TOTAL		629.99	1,532,995
Other crustaceans, fresh, chilled or frozen	Tonne		
Singapore, Rep. of		203.71	151,708
Sarawak		9.04	26,939
Japan		1.92	9,188
Sabah		1.00	6,107
Thailand		4.86	2,430
Brunei		0.94	1,440
TOTAL		221.47	197,812
Other crustaceans, salted, in brine, dried or simply boiled	Tonne		
Japan		3.22	12,985
Australia		0.02	400
Sarawak		0.00	17
TOTAL		3.24	13,402
Other crustaceans, n.e.s.	Tonne		
Japan		85.00	453,263
Sweden		13.40	96,861
Singapore, Rep. of		73.22	65,673
Taiwan		2.22	11,620
Sabah		0.59	3,729
Australia		0.30	2,400
Brunei		0.16	480
Sarawak		0.16	327
Hong Kong		0.03	100
TOTAL		175.08	634,453

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Oysters	Tonne		
Sabah		3.62	13,380
Sarawak		1.50	7,020
Singapore, Rep. of		3.67	4,734
TOTAL		8.79	25,134
Other molluscs, fresh, chilled or frozen	Tonne		
Singapore, Rep. of		9,749.88	3,935,656
Japan		394.91	2,525,710
Italy		536.15	1,860,277
Netherlands		236.81	766,128
Thailand		2,384.55	574,554
Australia		70.57	446,247
U.S.A.		36.48	245,685
Sarawak		52.11	136,208
France		59.88	101,069
Others		71.94	160,071
TOTAL		13,593.28	10,751,605
Other molluscs, salted, in brine, dried or simply boiled	Tonne		
Japan		2,216.75	12,641,668
Hong Kong		129.40	729,010
U.S.A.		58.49	337,434
Singapore, Rep. of		192.63	255,365
Sarawak		7.66	85,635
Thailand		19.65	83,342
Korea, Rep. of		10.00	60,533
Australia		3.98	27,558
Sabah		4.50	23,702
Others		1.38	2,166
TOTAL		2,644.44	14,246,413
Other molluscs, n.e.s.	Tonne		
Thailand		9,992.71	2,430,600
Singapore, Rep. of		3,610.09	789,507
Japan		130.92	512,925
Sarawak		464.22	282,715
Sabah		12.31	23,863
Australia		1.43	8,498
Taiwan		0.80	4,000
Brunei		4.33	2,350
TOTAL		14,216.81	4,054,458
Beche-de-mer (trepang), fresh, chilled or frozen	Tonne		
TOTAL		—	—
Beche-de-mer (trepang), salted, in brine, dried or smoked	Tonne		
Singapore, Rep. of		4.00	15,785
TOTAL		4.00	15,785
Sardines, in airtight containers	Tonne		
Sarawak		125.76	362,248
Sabah		76.60	311,937
Indonesia		155.59	200,860
Burma		32.32	89,483
Singapore, Rep. of		37.22	84,949
Canada		12.43	65,238
Australia		9.67	43,555
Papua New Guinea		14.29	29,956
Thailand		7.88	20,978
Others		2.45	11,049
TOTAL		474.21	1,220,253

JADUAL (TABLE) 9.3 (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Herrings and brislings, in airtight containers	Tonne		
Singapore, Rep. of		5.45	17,638
Sabah		1.60	13,569
Mauritius		2.45	10,800
U.K.		1.43	6,418
Australia		0.69	2,910
Sarawak		0.50	1,470
Papua New Guinea		0.07	324
TOTAL		12.19	53,129
Pilchards, in airtight containers	Tonne		
U.K.		0.89	3,922
U.S.A.		0.00	5
TOTAL		0.89	3,927
Salmon, in airtight containers	Tonne		
U.S.A.		8.17	20,877
Singapore, Rep. of		0.98	3,353
Sabah		0.44	2,486
U.K.		0.48	2,411
Sarawak		0.79	1,293
TOTAL		10.86	30,420
Sauries, in airtight containers	Tonne		
Sabah		1.29	11,172
Hong Kong		0.87	4,363
Indonesia, Rep. of		0.01	14
TOTAL		2.17	15,549
Tuna, in airtight containers	Tonne		
U.S.A.		1,258.91	7,979,413
Canada		849.54	5,058,527
Sweden		442.56	2,425,559
U.K.		283.69	1,385,577
Finland		241.92	1,339,550
Denmark		227.03	1,220,653
Malta		100.80	662,459
Belgium		63.93	337,990
Singapore, Rep. of		53.98	306,797
Others		163.56	792,115
TOTAL		3,685.92	21,508,640
Horse mackerels, in airtight containers	Tonne		
Indonesia, Rep. of		328.48	558,635
Singapore, Rep. of		94.35	165,113
Sarawak		43.81	78,632
Papua New Guinea		14.28	34,961
Sri Lanka		15.10	24,200
Saudi Arabia		8.08	13,686
Sabah		5.22	11,164
United Arab Emirates		0.20	351
TOTAL		509.52	886,742
Other prepared or preserved fish, incl. caviar and caviar substitutes, in airtight containers	Tonne		
Sabah		958.13	2,972,580
Sarawak		696.92	2,678,382
Singapore, Rep. of		252.05	780,706
U.K.		30.05	189,779
U.S.A.		12.90	167,845
Saudi Arabia		18.08	83,044
Australia		6.68	27,724
Sri Lanka		15.10	24,450
Canada		2.04	22,895
Others		11.65	48,399
TOTAL		2,003.60	6,995,804
Sharks' fins, prepared not in airtight containers	Tonne		
Sabah		0.29	14,867
Singapore, Rep. of		0.88	2,376
TOTAL		1.17	17,243

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Fish paste and similar preparations, not in airtight containers	Tonne		
Singapore, Rep. of		68.23	115,481
Sarawak		0.41	766
Brunei		0.23	272
Saudi Arabia		0.01	40
Sabah		0.00	4
TOTAL		68.88	116,563
Fish, boiled or steamed, not in airtight containers	Tonne		
Belgium		0.36	795
Philippines		0.00	2
TOTAL		0.36	797
Other prepared or preserved fish, incl. caviar and caviar substitutes, not in airtight containers	Tonne		
Singapore, Rep. of		228.67	400,504
Sarawak		67.21	230,851
Sabah		58.39	190,097
Canada		11.50	50,221
U.S.A.		5.79	39,880
Saudi Arabia		3.50	16,000
Mauritius		2.45	10,798
U.K.		0.95	4,196
Hong Kong		0.90	3,247
Others		0.86	2,955
TOTAL		380.22	948,749
Abalone, in airtight containers	Tonne		
Sabah		4.80	74,467
Singapore, Rep. of		10.40	56,545
Sarawak		4.53	22,412
Thailand		0.36	2,435
Hong Kong		0.02	1,455
TOTAL		20.11	157,314
Prawns and shrimps, in airtight containers	Tonne		
U.K.		316.23	2,807,556
Canada		237.87	1,843,189
Australia		180.15	1,695,264
U.S.A.		128.48	1,152,314
Netherlands		160.16	942,000
Sabah		166.01	578,435
Singapore, Rep. of		154.68	462,093
Sarawak		115.49	436,265
Germany, Federal Rep. of		33.50	281,302
Others		64.18	495,028
TOTAL		1,556.75	10,693,446
Crabs, in airtight containers	Tonne		
U.S.A.		389.03	5,039,410
Canada		176.83	1,877,183
U.K.		88.62	909,390
Australia		74.26	713,964
Sweden		76.20	694,997
France		36.72	475,861
Denmark		8.97	109,891
Singapore, Rep. of		29.31	81,225
Netherlands		7.28	78,085
Others		5.05	32,779
TOTAL		892.27	10,012,785

JADUAL (TABLE) 9.3 (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Cuttlefish, in airtight containers	Tonne		
Sabah		270.55	655,322
Singapore, Rep. of		294.57	646,233
Sarawak		127.74	508,009
Brunei		12.59	37,338
Saudi Arabia		10.08	23,743
Australia		3.47	13,052
U.S.A.		3.26	11,023
Netherlands		1.19	5,430
Indonesia, Rep. of		1.02	2,022
Others		0.43	1,976
TOTAL		724.90	1,904,148
Other crustaceans and molluscs, prepared or preserved, in airtight containers	Tonne		
U.S.A.		703.12	3,458,372
Canada		264.67	1,185,870
Germany, Federal Rep. of		293.93	983,267
Sarawak		237.35	821,203
Sabah		148.30	754,866
Singapore, Rep. of		236.04	489,960
Spain		56.64	318,927
Australia		49.92	196,976
Netherlands		46.50	170,164
Others		92.61	388,839
TOTAL		2,129.08	8,768,444
Crustaceans and molluscs, prepared or preserved, not in airtight containers	Tonne		
Australia		2,174.46	27,552,645
Netherlands		1,937.58	13,629,300
Belgium		638.04	5,085,750
Germany, Federal Rep. of		608.10	4,844,330
U.K.		590.97	4,598,546
New Zealand		163.79	2,572,521
France		203.57	1,868,009
Singapore, Rep. of		454.62	742,676
Sabah		149.44	642,326
Others		181.04	1,644,693
TOTAL		7,101.61	63,180,796
Fish liver oil	Tonne		
Indonesia, Rep. of		0.96	2,725
Sabah		0.80	1,840
Singapore, Rep. of		0.19	1,572
U.K.		0.01	173
TOTAL		1.96	6,310
Other fish oils and fats	Tonne	—	—
TOTAL		—	—
Oils and fats of marine mammals	Tonne	—	—
TOTAL		—	—
Fish meat not for human consumption	Tonne		
Singapore, Rep. of		2,690.07	632,521
Switzerland		109.76	233,917
Sarawak		7.67	15,639
Sabah		10.95	13,194
Brunei		1.85	2,864
TOTAL		2,820.30	898,135
Prawn dust not for human consumption	Tonne		
Singapore, Rep. of		102.31	32,875
TOTAL		102.31	32,875

JADUAL (TABLE) 9.3 (samb.) (cont.)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Flours and meals of crustaceans or molluscs, not for human consumption	Tonne		
Singapore, Rep. of		10,532.76	432,629
Sabah		11.20	3,737
Sarawak		0.40	80
Brunei		0.08	23
TOTAL		10,544.44	436,469
Soups and broths in liquid, solid or powder form of fish, crustaceans and molluscs	Tonne		
Saudi Arabia		0.68	56,245
Sarawak		1.07	16,656
Singapore, Rep. of		0.35	4,060
Sabah		0.81	3,720
Brunei		0.67	2,738
Australia		0.83	2,358
TOTAL		4.41	85,767
Homogenised cinoisite food preparations of fish, crustaceans and molluscs	Tonne		
Sarawak		2.80	14,486
Brunei		7.49	13,926
Sabah		2.72	9,887
Saudi Arabia		0.17	500
Australia		0.01	100
TOTAL		13.19	38,899
Turtles' egg	100	—	—
TOTAL		—	—
Fish waste	Tonne		
Thailand		10.00	500
Philippines		0.77	235
TOTAL		10.77	735
Coral and similar substances and shells unworked or simply prepared, powder and waste of shells	Tonne		
Korea, Rep. of		5.50	12,039
Hong Kong		25.86	11,016
Thailand		4.88	5,325
Italy		2.00	3,000
Singapore, Rep. of		29.30	2,336
Sarawak		0.11	326
TOTAL		67.65	34,042
Natural sponges	Tonne		
Sabah		0.05	330
Sarawak		0.02	116
Hong Kong		0.00	24
U.S.A.		0.00	1
TOTAL		0.07	471
Products of fish, crustaceans and molluscs, n.e.s., unfit for human consumption	Tonne		
Sarawak		103.59	106,154
Taiwan		100.00	53,506
U.K.		2.72	20,269
Australia		1.23	10,610
Thailand		0.21	1,680
Sabah		0.67	1,627
Singapore, Rep. of		3.75	744
Philippines		0.19	465
TOTAL		212.36	195,055

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1983
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1983
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Belacan	Tonne		
Thailand		8,539.25	1,833,701
Singapore, Rep. of		1,044.64	698,524
Sarawak		287.87	181,833
Netherlands		40.28	147,139
Sabah		110.76	131,457
Hong Kong		13.95	26,685
Australia		5.13	15,139
U.K.		1.62	8,429
Canada		0.80	4,825
Others		3.32	10,378
TOTAL		10,047.62	3,058,110
Crude fish fertilizers	Tonne		
TOTAL		--	--
Fish glues			
Sabah		0.26	1,806
TOTAL		0.26	1,806
Cultured pearls, not mounted, set or strung	Value		
TOTAL		--	--
Other pearls, unworked or worked, but not mounted, set or strung	Value		
TOTAL		--	--
Sea-weed products	Tonne		
France		4.50	38,173
Singapore, Rep. of		12.05	21,383
Sabah		4.01	4,375
India		0.25	1,869
TOTAL		20.81	65,800
Sea-grass	Tonne		
Taiwan		10.11	48,841
Singapore, Rep. of		5.88	2,647
TOTAL		15.99	51,488

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI
ASAL DAN DESTINASI, 1983
 (IMPORTS AND EXPORTS OF FISHERIES COMMODITIES BY COUNTRIES OF
 ORIGIN AND DESTINATION, 1983)
 (Quantity in M. Tonnes and Value in Malaysian Dollars)

<i>Countries of Origin/Destination</i>	<i>IMPORTS</i>		<i>EXPORTS</i>	
	<i>Quantity</i>	<i>Value</i>	<i>Quantity</i>	<i>Value</i>
Australia	307.76	3,230,564	3,105.17	36,827,038
Austria	0.01	180	12.07	64,593
Bahrain	0.01	81	10.66	44,390
Bangladesh	209.20	1,098,813	—	—
Belgium	0.12	1,782	727.16	5,624,771
Brazil	182.34	180,878	—	—
Brunei	0.05	176	135.97	282,920
Burma	4.41	5,746	32.32	89,483
Canada	258.51	3,037,972	1,587.72	10,196,588
Chile	1,312.22	3,171,564	—	—
China, People's Rep. of	1,361.69	4,251,375	—	—
Cyprus	—	—	0.07	282
Czechoslovakia	6.02	24,724	—	—
Denmark	41.30	138,566	333.45	2,246,277
Finland	0.03	1,032	252.44	1,419,403
France	18.00	282,754	347.65	2,659,903
Germany, Federal Rep. of	49.81	137,324	986.33	6,373,027
Greece	0.01	88	—	—
Hong Kong	356.25	2,415,162	193.26	1,091,161
Iceland	41.04	117,824	—	—
India	931.58	3,114,628	0.27	1,941
Indonesia, Rep. of	15,868.98	27,584,955	527.81	809,900
Iran	0.03	982	—	—
Ireland	13.68	39,357	—	—
Italy	2.18	18,747	565.21	2,014,410
Japan	12,949.21	36,472,865	4,322.72	47,899,568
Jordan	—	—	0.02	90
Kenya	0.22	5,384	—	—
Korea, Democratic People's Rep. of	23.80	81,994	—	—
Korea, Rep. of	840.53	4,986,554	15.50	72,572
Macau	1.12	2,012	—	—
Malagasy Rep.	—	—	8.93	138,775
Malta	—	—	100.80	662,459
Mauritius	—	—	10.77	47,998
Mexico	22.64	192,595	—	—
Netherlands	131.30	297,087	2,598.61	17,171,537
New Zealand	604.07	2,348,835	179.19	2,916,790
Norway	140.63	407,832	23.94	198,760
Oman	3.00	2,550	—	—
Pakistan	54.76	603,332	—	—
Papua New Guinea	—	—	29.10	67,172
Peru	221.89	325,959	—	—
Philippines	22.53	256,827	0.96	702
Portugal	0.54	8,097	—	—
Sabah	109.07	416,621	2,130.46	7,746,773
Sarawak	110.71	778,082	3,822.11	9,661,942
Saudi Arabia	9.50	8,600	43.76	222,080
Singapore, Rep. of	2,662.92	7,014,770	67,518.20	38,223,152
Spain	—	—	102.17	402,642
Sri Lanka, Rep. of	52.00	67,622	30.20	48,650
Sweden	2.62	10,643	614.08	3,879,312
Switzerland	0.96	7,046	158.95	414,191
Syrian Arab Rep.	—	—	0.00	3
Taiwan	278.57	1,336,800	384.62	970,828
Thailand	122,221.17	97,689,629	21,971.94	5,506,871
United Arab Emirates	—	—	17.81	62,680
United Kingdom	63.58	451,543	1,556.33	13,428,771
United States of America	123.99	1,103,847	2,876.41	23,320,986
U.S.S.R.	23.97	28,426	—	—
Vietnam, Socialist Rep. of	200.72	1,508,265	—	—
Yemen Arab Rep.	14.00	14,000	0.01	6
Other countries in South America, n.e.s.	195.00	604,912	—	—
TOTAL	162,850.25	205,888,003	117,325.15	242,811,397
	161,830.47	204,693,380	111,382.58	225,402,682

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
SERI TAHUNAN IMPORT BARANGAN PERIKANAN MENGIKUT JENIS, KUANTITI DAN NILAI
 (ANNUAL SERIES OF FISHERY COMMODITIES IMPORT BY TYPE, QUANTITY AND VALUE)
 (Quantity in Tonnes and Value in Malaysian dollars)

<i>Description of Commodity</i>	<i>1979</i>		<i>1980</i>		<i>1981</i>		<i>1982</i>		<i>1983</i>	
	<i>Quantity</i>	<i>Value</i>	<i>Quantity</i>	<i>Value</i>	<i>Quantity</i>	<i>Value</i>	<i>Quantity</i>	<i>Value</i>	<i>Quantity</i>	<i>Value</i>
Fish, Fresh, Chilled or Frozen (excluding fillets)	76,246.60	43,037,031	50,977.30	34,226,709	62,603.31	39,335,245	76,877.53	59,237,883	72,166.47	68,073,273
Fish-Dried, Salted, in Brine or Smoked	3,704.31	5,764,860	3,429.65	5,710,157	4,859.79	8,559,758	6,324.12	10,175,270	5,040.50	9,267,247
Crustaceans and Molluscs, Fresh, Chilled, Frozen, Dried, Salted, in Brine or Simply Boiled	36,303.58	27,287,012	31,264.63	23,792,368	30,249.74	43,261,195	25,554.82	47,240,638	24,779.04	48,048,872
Prepared or Preserved Fish in Airtight Containers	7,418.87	32,977,458	21,053.66	44,259,738	15,198.08	42,388,274	16,344.77	44,516,136	16,913.64	41,803,575
Prepared or Preserved Fish not in Airtight Containers	189.49	562,290	69.87	316,537	160.04	457,644	354.39	806,588	640.43	1,554,610
Prepared or Preserved Crustaceans and Molluscs in Airtight Containers	291.55	2,333,229	572.98	2,887,148	590.44	3,478,795	1,888.07	10,675,577	2,660.58	14,842,467
Prepared or Preserved Crustaceans and Molluscs not in Airtight Containers	1,137.28	2,558,421	1,390.57	3,274,060	1,269.81	4,798,649	992.57	1,639,627	1,064.52	2,365,899
Fats and Oils, of Fish and Marine Mammals	270.37	257,296	174.10	129,021	32.60	69,768	256.67	532,235	449.37	848,058
Flours and Meals, of Fish, Crustaceans and Molluscs Unfit for Human Consumption	32,513.57	15,817,969	30,224.24	14,722,973	26,364.94	12,161,396	38,861.84	20,812,057	35,871.53	17,656,321
Miscellaneous	279.47	640,829	662.46	899,511	518.89	869,625	1,836.40	1,138,481	2,464.17	1,427,681
TOTAL	158,355.09	131,236,395	139,819.46	130,218,222	141,847.64	155,380,349	169,291.18	196,774,492	162,050.25	205,888,003

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
SERI TAHUNAN EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS, KUANTITI DAN NILAI
 (ANNUAL SERIES OF FISHERY COMMODITIES EXPORT BY TYPE, QUANTITY AND VALUE)
 (Quantity in Tonnes and Value in Malaysian Dollars)

Description of Commodity	1979		1980		1981		1982		1983	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Fish, Fresh, Chilled or Frozen (excluding fillets)	22,611.28	20,096,314	30,242.65	18,820,692	34,180.78	21,387,069	48,612.02	23,779,512	27,516.47	17,416,300
Fish-Dried, Salted, in Brine or Smoked	3,841.15	7,349,165	4,512.97	7,347,054	6,043.05	8,095,520	9,738.43	7,953,849	4,891.01	7,003,350
Crustaceans and Molluscs, Fresh, Chilled, Frozen, Dried, Salted, in Brine or Simply Boiled	67,261.17	236,477,544	39,208.95	103,967,895	41,805.20	65,045,246	34,556.17	64,431,802	41,490.82	86,971,036
Prepared or Preserved Fish in Airtight Containers	8,230.11	26,172,835	7,769.92	33,330,673	9,074.01	36,096,974	6,378.34	28,545,646	6,699.36	30,714,464
Prepared or Preserved Fish not in Airtight Containers	519.21	876,521	321.25	575,916	335.40	707,477	365.99	949,059	450.63	1,083,352
Prepared or Preserved Crustaceans and Molluscs in Airtight Containers	3,708.91	15,103,443	4,537.31	20,885,774	5,214.92	18,974,416	3,790.11	21,352,200	5,323.11	31,536,137
Prepared or Preserved Crustaceans and Molluscs not in Airtight Containers	355.82	895,508	6,953.51	54,787,979	11,605.50	100,714,854	8,100.84	74,366,745	7,101.61	63,180,796
Fats and Oils, of Fish and Marine Mammals	0.30	759	0.91	2,416	3.87	9,915	5.34	14,491	1.96	6,310
Flours and Meals, of Fish, Crustaceans or Molluscs Unit for Human Consumption	3,416.95	786,321	2,231.84	580,919	2,160.26	605,775	11,881.60	775,203	13,467.05	1,367,479
Miscellaneous	15,618.35	2,251,676	19,426.80	3,063,662	13,007.08	2,876,355	8,390.62	2,707,819	10,393.13	3,532,173
TOTAL	125,563.25	310,010,086	115,206.11	243,362,980	123,430.07	254,513,601	131,819.46	224,876,326	117,335.15	242,811,397

**Akuakultur
SEMENANJUNG MALAYSIA**

**Aquaculture
Peninsular Malaysia**

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN DAN LUAS KOLAM BEKAS LOMBONG DAN SANGKAR DAN BILANGAN PENTERNAK MENGIKUT SISTEM PENTERNAK DAN NEGERI – 1983
 (Number and Acreage of Ponds, Mining Pools and Cages and Number of Culturists by Culture System and State – 1983)

Sistem Ternakan Culture System	Airtawar/Freshwater						Airpayau/Masin Marine/Backsihwater						Jumlah/Total					
	Kolam & Bekas Lombong Ponds & Mining Pools						Kolam Ponds						Kolam & Bekas Lombong Ponds & Mining Pools					
	Bilangan Number	Luas dlm. Ha Area in Ha	Bilangan Penternak No. of Culturists	Bilangan Number	Luas dlm. Meter Per. Area in Sq. M	Bilangan Penternak No. of Culturists	Bilangan Number	Bilangan Number	Luas dlm. Ha Area in Ha	Bilangan Penternak No. of Culturists	Luas dlm. Meter Per. Area in Sq. M	Bilangan Penternak No. of Culturists	Bilangan Number	Luas dlm. Ha Area in Ha	Bilangan Penternak No. of Culturists	Bilangan Number	Luas dlm. Meter Per. Area in Sq. M	Bilangan Penternak No. of Culturists
Negeri State																		
Perlis	147	28.33	122	—	—	6	1.57	3	—	—	—	—	153	29.90	125	—	—	—
Kedah	794	221.02	449	90	893.50	21	46	11.26	17	268	2,494.93	39	840	232.28	466	358	3,388.43	60
P. Pinang	151	25.21	85	96	223.20	12	12	17.24	5	976	5,910.17	125	163	42.45	90	1,072	6,133.37	137
Perak	4,557	2,371.00	3,076	1,248	11,609.52	309	10	1.09	2	648	6,128.02	94	4,567	2,372.09	3,078	1,896	17,737.54	403
Selangor	1,314	506.04	1,031	28	252.00	6	22	6.26	6	40	366.20	5	1,336	512.30	1,037	68	618.20	11
W. Persekutuan (Fed. Territory)	19	10.23	7	—	—	—	—	—	—	—	—	—	19	10.23	7	—	—	—
N. Sembilan	3,591	603.71	2,686	48	432.00	11	—	—	—	—	—	—	3,591	603.71	2,686	48	432.00	11
Melaka	1,178	222.36	930	116	1,044.00	23	6	1.26	4	—	—	—	1,184	223.62	934	116	1,044.00	23
Johor	1,905	305.36	948	192	1,778.20	48	166	350.69	26	772	7,628.04	137	2,071	656.05	974	964	9,406.24	185
Pahang	2,103	398.13	1,616	32	296.68	8	20	5.32	10	12	111.68	3	2,123	403.45	1,626	44	408.36	11
Terengganu	783	127.38	649	32	398.96	8	12	2.93	12	292	1,686.00	19	795	130.31	661	324	2,084.96	27
Kelantan	1,067	165.42	861	236	2,185.51	56	4	0.68	4	56	520.97	14	1,071	166.10	865	292	2,706.48	70
Jumlah/Total	17,509	4,984.19	12,460	2,118	19,113.57	502	304.00	398.30	89	3,064	24,846.01	436	17,913	5,382.49	12,549	5,182	43,959.58	938

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN PENGELUARAN TERNAKAN IKAN MENGIKUT NEGERI DAN SISTEM PENTERNAKAN 1983
 ESTIMATED FISH PRODUCTION BY STATE AND CULTURE SYSTEM 1983

SISTEM PENTERNAKAN CULTURE SYSTEM Negeri/State	AIR TAWAR/FRESHWATER		AIR PAYAU/MASIN/MARINE/BRACKISH WATER		JUMLAH (TAN M)/TOTAL (TONNES)	
	Kolam Ponds	Sangkar Cages	Kolam Ponds	Sangkar Cages	Kolam Ponds	Sangkar Cages
Perlis	9.45	—	—	—	9.45	—
Kedah	268.15	0.13	7.33	30.96	275.48	31.09
P. Pinang	101.12	—	—	—	101.12	—
Perak	8,367.80	—	—	162.58	8,367.80	162.58
Selangor	840.89	4.54	8.03	8.46	848.92	13.00
W. Persekutuan (Fed. Territory)	—	—	—	—	—	—
N. Sembilan	708.21	—	—	—	708.21	—
Melaka	487.67	—	0.23	—	487.90	—
Johor	298.61	—	398.19	343.87	696.80	343.87
Pahang	472.71	—	—	—	472.71	—
Terengganu	210.37	—	0.13	—	210.50	—
Kelantan	175.05	5.44	—	—	175.05	5.44
Jumlah/Total	11,940.03	10.11	413.91	545.87	12,353.94	555.98

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN NILAI IKAN TERNAKAN YANG DIHASILKAN MENGIKUT NEGERI DAN SISTEM PENTERNAKAN, 1983
ESTIMATED VALUE OF FISH PRODUCTION BY STATE AND CULTURE SYSTEM, 1983
 (Nilai dalam '000 Ringgit Malaysia/*Value in '000 Malaysian \$*)

Negeri/ <i>State</i>	AIR TAWAR/ <i>FRESHWATER</i>		AIR PAYAU/MASIN/ <i>BRACKISHWATER/MARINE</i>		JUMLAH/ <i>TOTAL</i>	
	Kolam dan Bekas Lombong <i>Ponds and Mining Pools</i>	Sangkar <i>Cages</i>	Kolam <i>Ponds</i>	Sangkar <i>Cages</i>	Kolam dan Bekas Lombong <i>Ponds and Mining Pools</i>	Sangkar <i>Cages</i>
Perlis	19.70	—	—	—	19.70	—
Kedah	532.09	0.26	87.96	278.64	620.05	278.90
Pulau Pinang	131.09	—	—	—	131.09	—
Perak	20,818.08	—	—	—	20,818.08	—
Selangor	2,150.38	15.92	129.43	127.14	2,279.81	143.06
Wilayah Persekutuan	—	—	—	—	—	—
Negeri Sembilan	1,898.92	—	—	—	1,898.92	—
Melaka	1,351.93	—	3.68	—	1,355.61	—
Johor	612.85	—	5,922.70	5,888.11	6,535.55	5,888.11
Pahang	1,548.07	—	—	—	1,548.07	—
Terengganu	681.40	—	1.17	—	682.57	—
Kelantan	479.11	15.50	—	—	479.11	15.50
JUMLAH/<i>TOTAL</i>	30,223.62	31.68	6,144.94	6,293.89	36,368.56	6,325.57

SEMANANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN PENGELUARAN HASIL IKAN DARI KOLAM AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1983
ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS AND MINING POOLS BY STATE AND SPECIES, 1983

JENIS IKAN/ <i>SPECIES</i>	LAMPAM JAWA	LEE KOH	KAP RUMPUT	KAP KEPALA BESAR	UDANG GALAH	TILAPIA	JELAWAT	PATIN	SEPAT SIAM	PELBAGAI	JUMLAH (TAN M)
NEGERI/ <i>STATE</i>	<i>JAVANESE CARP</i>	<i>COMMON CARP</i>	<i>GRASS CARP</i>	<i>BIG HEAD CARP</i>	<i>GIANT FRESH WATER</i>	<i>TILAPIA</i>	<i>SULTAN FISH</i>	<i>RIVER CAT FISH</i>	<i>SNAKE SKIN GOURAMY</i>	<i>MISCELLANEOUS</i>	<i>TOTAL (TONNES)</i>
Perlis	4.42	1.05	1.87	1.40	0.01	0.70	—	—	—	—	9.45
Kedah	61.94	36.54	72.83	67.99	0.48	28.28	0.09	—	—	—	268.15
Pulau Pinang	3.24	2.34	16.72	2.30	0.02	—	—	—	—	76.50	101.12
Perak	625.66	3,207.73	1,302.63	3,224.56	—	—	0.02	0.09	0.01	7.10	8,367.80
Selangor	80.57	—	436.76	290.72	—	29.41	2.28	1.15	—	—	840.89
W. Persekutuan	—	—	—	—	—	—	—	—	—	—	—
N. Sembilan	175.43	163.79	202.88	165.22	0.38	—	0.05	0.01	0.04	0.41	708.21
Melaka	62.97	33.75	384.24	—	0.39	—	3.71	1.70	—	0.91	487.67
Johor	38.34	20.97	99.50	24.89	—	114.51	0.14	0.17	—	0.09	298.61
Pahang	124.47	115.91	156.78	75.55	—	—	—	—	—	—	472.71
Terengganu	34.80	8.07	61.07	106.41	0.02	—	—	—	—	—	210.37
Kelantan	70.89	35.45	11.75	56.96	—	—	—	—	—	—	175.05
Jumlah	1,282.73	3,625.60	2,747.03	4,016.00	1.30	172.90	6.29	3.12	0.05	85.01	11,940.03

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
 ANGGARAN NILAI HASIL IKAN AIRTAWAR DARI KOLAM
 MENGIKUT JENIS IKAN DAN NEGERI, 1983
 ESTIMATED VALUE OF FRESHWATER FISH PRODUCTION FROM FISH PONDS
 BY SPECIES AND STATE, 1983
 (Nilai Dalam '000 Ringgit Malaysia/*Value in '000 Malaysian \$*)

Negeri <i>State</i>	JENIS IKAN/ <i>SPECIES</i>											Jumlah <i>Total</i>
	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Sepat Siam <i>Snakeskin Gouramy</i>	Tilapia <i>Tilapia</i>	Udang Galah <i>Freshwater Giant Prawn</i>	Kap Rumput <i>Crass Carp</i>	Kap Kepala Besar <i>Big Head Carp</i>	Kap Perak <i>Silver Carp</i>	Jelawat <i>River Carp</i>	Patin <i>River Catfish</i>	Pelbagai <i>Miscellaneous</i>	
Perlis	10.17	2.10	—	1.40	0.05	3.74	2.24	—	—	—	—	19.70
Kedah	142.46	73.08	—	56.56	4.56	145.66	108.78	—	0.99	—	—	532.09
Pulau Pinang	3.89	4.68	—	—	0.25	20.06	2.76	—	—	—	99.45	131.09
Perak	1,282.60	9,847.73	0.02	—	—	5,675.23	4,012.10	—	0.22	0.18	—	20,818.08
Selangor	201.43	—	—	73.53	—	1,266.60	581.44	—	25.08	2.30	—	2,150.38
Wilayah Persekutuan	—	—	—	—	—	—	—	—	—	—	—	—
Negeri Sembilan	496.47	412.75	0.05	—	3.83	551.83	432.88	0.55	—	0.03	0.53	1,898.92
Melaka	204.65	85.05	—	—	4.25	1,010.55	—	—	40.81	5.44	1.18	1,351.93
Johor	76.68	41.94	—	231.31	—	199.00	61.72	—	1.54	0.54	0.12	612.85
Pahang	403.28	316.43	—	—	—	572.25	256.11	—	—	—	—	1,548.07
Terengganu	88.74	23.08	—	—	0.14	361.79	207.64	—	—	—	0.01	681.40
Kelantan	180.77	98.53	—	—	—	166.32	33.49	—	—	—	—	479.11
JUMLAH/ <i>TOTAL</i>	3,091.14	10,905.37	0.07	362.80	13.08	9,973.03	5,699.16	0.55	68.64	8.49	101.29	30,223.62

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN BILANGAN DAN LUAS KOLAM BINAAN AIR TAWAR DAN BEKAS LOMBONG YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK YANG TERLIBAT – 1983
 ESTIMATED NUMBER AND ACREAGE OF FRESHWATER PONDS AND MINING POOLS AND NUMBER OF
 CULTURISTS BY STATE – 1983

Negeri State	KOLAM BINAAN EXCAVATED PONDS		BEKAS LOMBONG MINING POOLS		JUMLAH TOTAL		BILANGAN PENTERNAK IKAN NUMBER OF FISH CULTURISTS				Jumlah Total
	Bilangan Number	Hektar Hectare	Bilangan Number	Hektar Hectare	Bilangan Number	Hektar Hectare	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	
Perlis	144	26.63	3	1.70	147	28.33	107	4	—	11	122
Kedah	782	203.05	12	17.97	794	221.02	411	18	—	20	449
Pulau Pinang	151	25.21	—	—	151	25.21	38	28	5	14	85
Perak	3,878	609.99	679	1,761.01	4,557	2,371.00	2,366	605	50	55	3,076
Selangor	1,092	262.14	222	243.90	1,314	506.04	657	213	58	103	1,031
Wilayah Persekutuan	14	4.05	5	6.18	19	10.23	1	6	—	—	7
Negeri Sembilan	3,374	486.55	217	117.16	3,591	603.71	2,290	362	16	18	2,686
Melaka	1,174	218.30	4	4.06	1,178	222.36	771	146	8	5	930
Johor	1,880	275.23	25	30.13	1,905	305.36	553	375	1	19	948
Pahang	2,092	389.71	11	8.42	2,103	398.13	1,319	247	12	38	1,616
Terengganu	773	121.00	10	6.38	783	127.38	626	18	—	5	649
Kelantan	1,059	161.52	8	3.90	1,067	165.42	846	14	1	—	861
JUMLAH/TOTAL	16,413	2,783.38	1,196	2,200.81	17,609	4,984.19	9,985	2,036	151	288	12,460

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1983
ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1983

Negeri/ <i>State</i>	JENIS IKAN/ <i>SPECIES</i>										JUMLAH/ <i>TOTAL</i> TAN M./TONNES
	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Sepat Siam <i>Snakeskin Gouramy</i>	Tilapia <i>African Bream</i>	Udang Galah <i>Freshwater Giant Prawn</i>	Temakong <i>Kissing Gouramy</i>	Siakap <i>Snapper</i>	Patin <i>River Catfish</i>	Kap Rumput <i>Grass Carp</i>	Pelbagai <i>Miscellaneous</i>	
Perlis	—	—	—	—	—	—	—	—	—	—	—
Kedah	—	—	—	0.13	—	—	—	—	—	—	0.13
Pulau Pinang	—	—	—	—	—	—	—	—	—	—	—
Perak	—	—	—	—	—	—	—	—	—	—	—
Selangor	3.51	—	—	0.09	0.01	—	—	—	0.32	0.61	4.54
Wilayah Persekutuan	—	—	—	—	—	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—	—	—	—	—	—
Melaka	—	—	—	—	—	—	—	—	—	—	—
Johor	—	—	—	—	—	—	—	—	—	—	—
Terengganu	—	—	—	—	—	—	—	—	—	—	—
Kelantan	—	—	—	—	—	—	—	—	5.44	—	5.44
Jumlah/ <i>Total</i>	3.51	—	—	0.22	0.01	—	—	—	5.76	0.61	10.11

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN NILAI BORONG HASIL DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1983
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1983
 (Nilai Dalam '000 Ringgit Malaysia/*Value in '000 Malaysian \$*)

Negeri <i>State</i>	JENIS IKAN/ <i>SPECIES</i>					JUMLAH <i>TOTAL</i>
	Lampam Jawa <i>Javanese Carp</i>	Kap Rumput <i>Grass Carp</i>	Tilapia <i>Tilapia</i>	Udang Galah <i>Giant Freshwater Prawn</i>	Pelbagai <i>Miscellaneous</i>	
Perlis	—	—	—	—	—	—
Kedah	—	—	0.26	—	—	0.26
Pulau Pinang	—	—	—	—	—	—
Perak	—	—	—	—	—	—
Selangor	8.78	0.93	0.23	0.10	5.88	15.92
Wilayah Persekutuan	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—
Melaka	—	—	—	—	—	—
Johor	—	—	—	—	—	—
Pahang	—	—	—	—	—	—
Terengganu	—	—	—	—	—	—
Kelantan	—	15.50	—	—	—	15.50
JUMLAH/TOTAL	8.78	16.43	0.49	0.10	5.88	31.68

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN BILANGAN DAN LUAS SANGKAR AIRTAWAR YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT NEGERI, 1983
 ESTIMATED NUMBER AND AREA OF FRESHWATER CAGES AND NUMBER OF CULTURISTS BY STATE, 1983

Negeri <i>State</i>	Bilangan Rakit <i>Number of Rafts</i>	Bilangan Sangkar <i>Number of Cages</i>	JUMLAH <i>TOTAL</i>	BILANGAN PENTERNAK IKAN <i>NUMBER OF FISH CULTURISTS</i>				Jumlah <i>Total</i>
			Luas Sangkar (M ²) <i>Cage are (in M²)</i>	Melayu <i>Malay</i>	Cina <i>Chinese</i>	India <i>Indian</i>	Lain-lain <i>Others</i>	
Perlis	—	—	—	—	—	—	—	—
Kedah	25	90	893.50	18	2	—	1	21
Pulau Pinang	24	96	223.20	5	7	—	—	12
Perak	312	1,248	11,609.52	217	—	—	92	309
Selangor	7	28	252.00	4	—	—	2	6
Wilayah Persekutuan	—	—	—	—	—	—	—	—
Negeri Sembilan	48	192	1,778.20	11	—	—	—	11
Melaka	12	48	432.00	7	16	—	—	23
Johor	29	116	1,044.00	47	1	—	—	48
Pahang	8	32	296.68	5	—	—	3	8
Terengganu	8	32	398.96	8	—	—	—	8
Kelantan	59	236	2,185.51	54	2	—	—	56
JUMLAH/ <i>TOTAL</i>	532	2,118	19,113.57	376	28	—	98	502

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN PENGELUARAN HASIL IKAN DARI KOLAM AIR PAYAU/MASIN
MENGIKUT JENIS IKAN DAN NEGERI, 1983
 ESTIMATED PRODUCTION FROM MARINE/BRACKISHWATER PONDS
 BY SPECIES AND STATE, 1983

Negeri <i>State</i>	JENIS IKAN/ <i>SPECIES</i>						Jumlah/Tan M. <i>Total/Tonnes</i>
	Kerapu <i>Grouper</i>	Siakap <i>Barramundi</i>	Udang Putih <i>Barona Prawn</i>	Ketam Batu <i>Mud Crab</i>	Udang Harimau <i>Tiger Prawn</i>	Pelbagai <i>Miscellaneous</i>	
Perlis	—	—	—	—	—	—	—
Kedah	7.33	—	—	—	—	—	7.33
Pulau Pinang	—	—	—	—	—	—	—
Perak	—	—	—	—	—	—	—
Selangor	2.68	3.89	0.37	0.32	—	0.77	8.03
Wilayah Persekutuan	—	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—	—
Melaka	—	0.23	—	—	—	—	0.23
Johor	—	—	73.28	50.64	92.12	182.15	398.19
Pahang	—	—	—	—	—	—	—
Terengganu	—	0.13	—	—	—	—	0.13
Kelantan	—	—	—	—	—	—	—
JUMLAH/TOTAL	10.01	4.25	73.65	50.96	92.12	182.92	413.91

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN NILAI BORONG PENGELUARAN KOLAM AIR PAYAU/MASIN MENGIKUT NEGERI DAN JENIS IKAN, 1983
ESTIMATED WHOLESALE VALUE OF MARINE BRACKISHWATER POND PRODUCTION BY STATE AND SPECIES, 1983
 (Nilai Dalam '000 Ringgit Malaysia/*Value in '000 Malaysian \$*)

Negeri <i>State</i>	JENIS IKAN/ <i>SPECIES</i>						Jumlah <i>Total</i>
	Kerapu <i>Grouper</i>	Siakap <i>Barramundi</i>	Udang Putih <i>Banana Prawn</i>	Ketam Batu <i>Mud Crab</i>	Udang Harimau <i>Tiger Prawn</i>	Pelbagai <i>Miscellaneous</i>	
Pertis	—	—	—	—	—	—	—
Kedah	87.96	—	—	—	—	—	87.96
Pulau Pinang	—	—	—	—	—	—	—
Perak	—	—	—	—	—	—	—
Selangor	46.90	64.96	10.36	1.82	—	5.39	129.43
Wilayah Persekutuan	—	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—	—
Melaka	—	3.68	—	—	—	—	3.68
Johor	—	—	1,319.04	288.65	3,039.96	1,275.05	5,922.70
Pahang	—	—	—	—	—	—	—
Terengganu	—	1.17	—	—	—	—	1.17
Kelantan	—	—	—	—	—	—	—
JUMLAH/ <i>TOTAL</i>	134.86	69.81	1,329.40	290.47	3,039.96	1,280.44	6,144.94

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN BILANGAN DAN LUAS KOLAM DAN LAIN-LAIN BADAN PERAIRAN TERSEKAT AIR PAYAU/MASIN SERTA
BILANGAN PENTERNAK MENGIKUT NEGERI, 1983
 ESTIMATED NUMBER AND ACREAGE OF MARINE BRACKISHWATER PONDS AND OTHER CONFINED BODIES
 AND NUMBER OF CULTURISTS BY STATE, 1983

Negeri State	KOLAM BINAAN EXCAVATED PONDS		LAIN-LAIN BADAN TERBESAR OTHER COUFINED WATER BODIES		JUMLAH/TOTAL		BILANGAN PENTERNAK NUMBER OF CULTURISTS				Jumlah Total
	Bilangan Number	Hektar Hectare	Bilangan Number	Hektar Hectare	Bilangan Number	Hektar Hectare	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	
Perlis	6	1.57	—	—	6	1.57	3	—	—	—	3
Kedah	46	11.26	—	—	46	11.26	9	6	1	1	17
Pulau Pinang	12	17.24	—	—	12	17.24	3	1	—	1	5
Perak	10	1.09	—	—	10	1.09	—	1	—	1	2
Selangor	22	6.26	—	—	22	6.26	4	2	—	—	6
Wilayah Persekutuan	—	—	—	—	—	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—	—	—	—	—	—
Melaka	6	1.26	—	—	6	1.26	1	3	—	—	4
Johor	166	350.69	—	—	166	350.69	3	20	—	3	26
Pahang	20	5.32	—	—	20	5.32	10	—	—	—	10
Terengganu	12	2.93	—	—	12	2.93	12	—	—	—	12
Kelantan	4	0.68	—	—	4	0.68	3	1	—	—	4
JUMLAH/TOTAL	304	398.30	—	—	304	398.30	48	34	1	6	89

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN PENGELUARAN HASIL IKAN DARI SANGKAR AIR PAYAU/MASIN
MENGIKUT JENIS IKAN DAN NEGERI, 1983
 ESTIMATED PRODUCTION FISH FROM MARINE/BRACKISHWATER CAGES
 BY STATE AND SPECIES, 1983

Negeri <i>State</i>	JENIS IKAN/ <i>SPECIES</i>					Jumlah/Tan M. <i>Total/Tonnes</i>
	Kerapu <i>Grouper</i>	Siakap <i>Barramundi</i>	Jenahak <i>Mangrove Snapper</i>	Ikan Merah <i>Red Snapper</i>	Pelbagai <i>Miscellaneous</i>	
Pertis	—	—	—	—	—	—
Kedah	30.96	—	—	—	—	30.96
Pulau Pinang	—	—	—	—	—	—
Perak	67.78	57.48	37.32	—	—	162.58
Selangor	2.94	3.67	0.68	1.17	—	8.46
Wilayah Persekutuan	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—
Melaka	—	—	—	—	—	—
Johor	181.85	162.02	—	—	—	343.87
Pahang	—	—	—	—	—	—
Terengganu	—	—	—	—	—	—
Kelantan	—	—	—	—	—	—
JUMLAH/TOTAL	283.53	223.17	38.00	1.17	—	545.87

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN NILAI BORONG YANG DIHASILKAN DARI SANGKAR AIR PAYAU/MASIN .
MENGIKUT JENIS IKAN DAN NEGERI, 1983
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM MARINE/BRACKISHWATER CAGES
 BY SPECIES AND STATE, 1983
 (Nilai Dalam '000 Ringgit Malaysia/Value in '000 Malaysian \$)

Negeri State	JENIS IKAN/SPECIES							Jumlah Total
	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Ketam Batu Mud Crab	Udang Putih Besar Banana Prawn	Ikan Merah Red Snapper	Pelbagai Miscellaneous	
Perlis	—	—	—	—	—	—	—	—
Kedah	—	278.64	—	—	—	—	—	278.64
Pulau Pinang	—	—	—	—	—	—	—	—
Perak	—	—	—	—	—	—	—	—
Selangor	64.37	49.09	—	—	—	13.68	—	127.14
Wilayah Persekutuan	—	—	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—	—	—
Melaka	—	—	—	—	—	—	—	—
Johor	2,705.73	3,182.38	—	—	—	—	—	5,888.11
Pahang	—	—	—	—	—	—	—	—
Terengganu	—	—	—	—	—	—	—	—
Kelantan	—	—	—	—	—	—	—	—
JUMLAH/TOTAL	2,770.10	3,510.11	—	—	—	13.68	—	6,293.89

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
ANGGARAN BILANGAN DAN LUAS SANGKAR IKAN AIR PAYAU/MASIN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK
MENGIKUT NEGERI, 1983
 ESTIMATED NUMBER AND ACREAGE OF MARINE/BRACKISHWATER CAGES AND NUMBER OF CULTURISTS BY STATE, 1983

Negeri <i>State</i>	Bilangan Rakit <i>Number of Rafts</i>	Bilangan Sangkar <i>Number of Cages</i>	Luas Sangkar dlm. M. Per. <i>Area in Square M.</i>	BILANGAN PENTERNAK/ <i>NUMBER OF CULTURISTS</i>				Jumlah <i>Total</i>
				Melayu <i>Malay</i>	Cina <i>Chinese</i>	India <i>Indian</i>	Lain-lain <i>Others</i>	
Perlis	—	—	—	—	—	—	—	—
Kedah	67	268	2,494.93	36	—	—	3	39
Pulau Pinang	244	976	5,910.17	25	96	—	4	125
Perak	162	648	6,128.02	4	90	—	—	94
Selangor	10	40	366.20	—	5	—	—	5
Wilayah Persekutuan	—	—	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—	—	—
Melaka	—	—	—	—	—	—	—	—
Johor	193	772	7,628.04	59	78	—	—	137
Pahang	3	12	111.68	3	—	—	—	3
Terengganu	73	292	1,686.00	19	—	—	—	19
Kelantan	14	56	520.97	14	—	—	—	14
JUMLAH/ <i>TOTAL</i>	766	3,064	24,846.01	160	269	—	7	436

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
HARGA BORONG PURATA IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN JENIS IKAN, 1983
 ACREAGE WHOLESALE PRICES OF FRESHWATER FISHES AT MAJOR MARKETS BY STATE AND SPECIES, 1983
 (M\$/Kg)

JENIS IKAN/ <i>SPECIES</i>		NEGERI/ <i>STATE</i>										
Nama Tempatan Local Name	Nama Saintifik Scientific Name	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan
Baung	<i>Mystus nemurus</i>	—	—	—	3.29	1.80	—	—	3.58	4.68	—	—
Belida	<i>Notopetrus chiltala</i>	—	—	—	2.78	—	—	—	2.20	3.88	—	—
Bujuk	<i>Ophicephalus lucius</i>	—	—	—	—	—	—	—	—	—	—	—
Haruan	<i>Ophicephalus striatus</i>	—	—	1.50	2.01	3.00	4.75	6.50	—	3.30	—	—
Jelawat	<i>Leptobarbus hoeveni</i>	—	—	—	—	—	—	—	—	—	—	—
Jelawat Kolam		—	—	—	—	—	—	—	—	—	—	—
Jelawat Sungai		—	—	—	—	—	—	—	—	—	—	—
Kalui	<i>Osphronemus goramy</i>	—	—	—	2.08	—	—	—	—	3.00	—	—
Kap Rumpit	<i>Ctenophryngodon idelles</i>	—	2.00	1.20	3.08	2.90	2.72	2.63	2.48	3.65	3.40	2.85
Kap Lumpur	<i>Cirrhina molitorella</i>	—	—	—	—	—	—	—	—	—	—	—
Kelah	<i>Tor tambroides</i>	—	—	—	—	—	—	—	—	—	—	—
Keli	<i>Clarias batrachus</i>	—	1.80	—	2.05	2.50	3.01	—	—	2.83	—	—
Ketutu	<i>Oxyleotris marmoratus</i>	—	—	—	18.72	15.00	—	—	—	8.50	—	—
Kap Kepala Besar	<i>Aristichthys nobilis</i>	—	1.60	1.20	1.76	2.00	2.62	3.43	2.00	3.39	3.40	2.92
Kerai Kunyit	<i>Puntius daruphani</i>	—	—	—	1.20	3.64	0.95	—	—	5.09	—	—
Kerai Puteh		—	—	—	—	—	—	—	—	—	—	—
Kerai Jelawat	<i>Leptobarbus hoeveni</i>	—	—	—	—	—	—	—	—	—	—	—
Kerai	Large Cyprinids	—	—	—	—	—	—	—	—	—	—	—
Kenerak		—	—	—	—	—	—	—	—	—	—	—
Loma	<i>Labiobarbus ocellatus</i>	—	—	—	—	—	—	—	—	—	—	—
Luis	<i>Kryptopterus kryptopterus</i>	—	—	—	—	—	—	—	—	—	—	—
Lampam Jawa	<i>Puntius gonionotus</i>	—	2.30	1.20	2.05	2.50	2.83	3.25	—	3.24	—	2.55
Lampam Sungai	<i>Puntius schwanefeldii</i>	—	—	1.10	1.73	2.00	—	—	—	4.08	—	—
Lawang	<i>Pangasius micronemus</i>	—	—	—	—	—	—	—	—	—	—	—
Lee Koh	<i>Cyprinus carpio</i>	—	2.00	—	3.07	2.40	2.52	—	—	2.73	—	2.86
Limbat	<i>Clarias nieuhofi</i> (C.V.)	—	—	—	—	—	—	—	—	—	—	—
Patong	<i>Pristolepis fasciatus</i>	—	—	—	—	—	—	—	—	—	—	—
Juara		—	—	—	—	—	—	—	—	7.50	—	7.50
Terubuk		—	1.00	—	1.50	—	1.41	—	—	—	—	—
Patin Buah	<i>Pangasius spp</i>	—	—	—	2.00	2.00	—	—	—	11.29	—	—

Sepat Padi	Trichogaster trichopterus	—	—	—	1.31	—	—	—	—	—	—	—
Patok		—	—	—	—	—	—	—	—	—	—	—
Patin Pahang		—	—	—	—	—	—	—	—	—	—	—
Patin Muncong		—	—	—	—	—	—	2.50	26.20	—	—	—
Patin Perak		—	—	—	—	9.00	—	—	3.48	—	—	—
Patin Kolam		—	—	—	—	—	—	—	—	—	—	—
Patin Sungai		—	—	—	—	—	—	—	21.32	—	—	—
Patin	Pangasius pangasius	—	—	—	—	—	3.20	—	—	—	—	—
Puyu	Anabas testudineus	—	—	—	0.83	—	—	—	—	—	—	—
Putih	Puntius binotatus	—	—	1.45	—	1.90	—	—	—	—	—	—
Pucuk Pisang	Labiobarbus fasciatus	—	—	—	1.65	—	—	—	—	—	—	—
Sebarau	Hampala macrotepidota V. Hasselt	—	—	—	2.74	—	—	—	5.00	—	—	—
Sepat Siam	Trichogaster pectoralis	—	1.30	—	1.50	2.20	1.20	5.00	—	—	—	—
Temperas	Cyclocheilichthys apogon (C.V.)	—	—	—	—	—	—	—	—	—	—	—
Tapah	Wallago Attu (Bl. Scha)	—	—	—	3.57	—	—	2.86	4.75	—	—	—
Temakang	Helostoma temmincki	—	—	—	2.18	—	—	—	—	—	—	—
Temoleh	Probarbus julieni Sauvage	—	1.80	—	—	2.40	4.75	—	3.50	—	—	—
Tengalan	Puntius bulu	—	—	—	2.45	—	—	—	7.63	—	—	—
Terbol	Osteo chilus hasselti	—	—	—	—	—	—	—	—	—	—	—
Tilapia	Tilapia mossambica	—	2.00	—	1.15	2.50	2.02	—	2.83	—	—	—
Toman	Ophicephalus micropeltes	—	—	—	—	—	4.00	—	2.17	—	—	—
Tongsan	Acrossocheilus hexagonolepi	—	—	—	—	—	—	—	—	—	—	—
Ubi	Chana lucius (C.V.)	—	1.25	—	3.00	5.00	2.80	—	5.30	—	—	—
Udang Galah	Macrobrachium rosenbergii	—	9.50	12.50	13.48	12.90	10.09	—	8.86	12.44	—	7.00
Pelbagai	Miscellaneous	—	1.50	—	1.10	—	—	—	—	—	—	—

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA BORONG PURATA IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN, 1983
AVERAGE WHOLESALE PRICES OF FRESHWATER FISHES AT MAJOR MARKETS BY MONTH AND SPECIES, 1983
(MS/Kg)

JENIS IKAN/SPECIES		BULAN/MONTH												
Nama Tempatan <i>Local Name</i>	Nama Saintifik <i>Scientific Name</i>	Januari <i>January</i>	Februari <i>February</i>	Mach <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Purata <i>Average</i>
Baung	<i>Mystus nemurus</i>	4.46	3.46	3.53	3.53	4.35	3.80	4.27	3.60	3.33	4.67	4.17	3.33	3.88
Belida	<i>Notopetrus chiltala</i>	3.32	2.70	2.12	2.12	2.43	2.40	2.60	4.33	3.50	3.20	3.30	3.20	2.94
Bujuk	<i>Ophicephalus lucius</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Haruan	<i>Ophicephalus striatus</i>	2.64	—	2.91	2.91	2.74	2.30	2.78	2.53	3.69	3.47	4.92	3.50	3.13
Jelawat	<i>Leptobarbus hoeveni</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Jelawat Kalam		—	—	—	—	—	—	—	—	—	—	—	—	—
Jelawat Sungai		—	—	—	—	—	—	—	—	—	—	—	—	—
Kalui	<i>Osphronemus goramy</i>	2.00	—	3.00	3.00	2.35	1.95	1.95	—	—	—	3.00	—	2.46
Kap Rumpit	<i>Ctenopharyngodon idelles</i>	2.98	—	2.83	2.80	2.52	2.43	3.04	3.23	2.33	2.67	2.23	2.91	2.72
Kap Lumpur	<i>Cirrhina molitorella</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Kelah	<i>Tor tambroides</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Keli	<i>Clarias batrachus</i>	2.14	2.60	2.50	2.50	2.43	2.39	2.73	2.83	2.85	2.78	—	—	2.58
Ketutu	<i>Oxyeleotris marmoratus</i>	20.88	7.66	12.00	12.00	10.00	12.00	—	18.00	9.38	6.00	13.50	17.00	12.58
Kap Kepala Besar	<i>Aristichthys nobilis</i>	2.59	2.47	1.83	1.83	2.25	2.58	2.34	1.95	2.08	1.76	2.71	2.34	2.23
Kerai Kunyit	<i>Puntius daruphani</i>	5.00	4.00	7.00	7.00	3.00	4.00	6.80	—	—	4.00	4.00	4.00	4.88
Kerai Puteh		—	—	—	—	—	—	—	—	—	—	—	—	—
Kerai Jelawat	<i>Leptobarbus hoeveni</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerai	Large Cyprinids	—	—	—	—	—	—	—	—	—	—	—	—	—
Kenerak	Large Cyprinids	—	—	—	—	—	—	—	—	—	—	—	—	—
Loma	<i>Labiobarbus ocellatus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lais	<i>Kryptopterus cryptopterus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lampam Jawa	<i>Puntius gonionotus</i>	2.75	2.78	2.50	2.50	2.55	2.37	2.57	2.40	2.44	2.36	3.07	2.64	2.58
Lampam Sungai	<i>Puntius schwarefeldii</i>	2.27	—	2.13	2.13	2.48	2.87	3.07	2.57	2.90	2.90	3.00	2.67	2.64
Lawang	<i>Pangasius micronemus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lee Koh	<i>Cyprinus carpio</i>	3.05	2.92	2.55	2.55	3.08	2.43	2.70	3.35	2.85	2.73	2.60	2.73	2.80
Limbati	<i>Clarias nieuhoffi</i> (C.V.)	—	—	—	—	—	—	—	—	—	—	—	—	—
Patong	<i>Pristolepis fasciatus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Terubuk		1.40	1.20	1.08	1.08	1.60	1.20	1.40	1.20	1.20	1.20	1.90	1.50	1.33
Patin Buah	<i>Pangasius spp</i>	13.00	—	13.00	13.00	13.00	13.00	10.50	—	13.00	13.00	6.50	13.00	12.10

Juara		7.00	—	—	—	—	8.00	—	—	—	—	—	—	7.50
Sepat Padi	Trichogaster trichopterus	1.35	1.50	1.93	1.93	1.50	—	1.60	1.60	1.60	1.00	1.70	1.60	1.57
Patok		—	—	—	—	—	—	—	—	—	—	—	—	—
Patin Pahang		—	—	—	—	—	—	—	—	—	—	—	—	—
Patin Muncong		22.00	—	—	—	25.00	25.00	21.00	—	—	—	—	38.00	26.20
Patin Perak		275	3.10	—	—	1.90	3.50	4.00	—	4.00	—	4.00	—	3.32
Patin Kolam		17.00	—	22.00	22.00	23.00	18.50	18.70	—	23.00	23.00	23.00	23.00	21.32
Patin	Pangasius pangasius	10.00	—	—	—	3.20	—	—	—	—	—	—	—	6.60
Puyu	Anabas testudineus	0.50	—	1.90	1.90	—	—	0.85	1.00	—	0.70	—	0.70	1.08
Putih	Puntius binotatus	1.38	2.40	1.30	1.30	—	—	3.00	—	—	—	1.40	—	1.80
Pucuk Pisang	Labiobarbus fasciatus	1.20	—	1.20	1.20	—	1.60	—	—	—	—	1.20	—	1.28
Sebarau	Hampala macrolepidota V. Hasselt	3.80	5.00	2.20	2.20	—	3.00	2.50	—	2.00	—	2.60	—	2.91
Sepat Siam	Trichogaster pectoralis	1.44	1.82	1.43	1.43	1.50	1.50	1.40	1.70	2.00	1.93	2.65	1.65	1.70
Temperas	Cyclocheilichthys apagon (C.V.)	—	—	—	—	—	—	—	—	—	—	—	—	—
Tapah	Wallago Attu (Bl. Scha)	3.30	3.80	2.80	2.80	3.75	2.65	3.70	—	3.40	3.00	3.25	3.75	3.29
Temakang	Helostoma temmincki	1.15	1.50	1.80	1.80	2.20	2.20	2.30	2.50	2.40	2.50	2.30	4.00	2.22
Temoleh	Probarbus julieni Sauvage	3.50	2.85	4.00	4.00	—	6.00	—	—	—	—	—	—	4.07
Tengalan	Puntius bulu	7.25	3.50	5.75	5.65	5.75	8.00	6.25	5.75	5.75	3.50	3.50	3.20	5.32
Terbol	Osteo chilus hasselti	—	—	—	—	—	—	—	—	—	—	—	—	—
Tilapia	Tilapia mossambica	1.58	1.30	1.70	1.70	1.17	1.49	1.20	2.40	1.75	1.00	3.94	1.50	1.73
Toman	Ophicephalus micropeltes	3.00	—	—	—	—	—	—	—	—	—	1.89	1.75	2.21
Tongsan	Acrossocheilus hexagonolepi	—	—	—	—	—	—	—	—	—	—	—	—	—
Ulai	Chana lucius (C.V.)	6.00	3.56	—	—	6.00	—	—	—	—	—	—	8.00	5.89
Udang Galah	Macrobrachium rosenbergii	11.83	12.35	10.88	10.88	10.00	11.01	9.70	11.63	10.90	10.90	11.06	11.12	11.02
Pelbagai	Miscellaneous	1.40	2.10	3.00	3.00	2.80	—	—	—	1.35	—	—	—	2.28

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
HARGA RUNCIT PURATA IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN, 1983
AVERAGE RETAIL PRICES OF FRESHWATER FISHERS AT MAJOR MARKETS BY MONTH AND SPECIES, 1983
 (M\$/Kg)

JENIS IKAN/SPECIES														
JENIS IKAN/SPECIES														
Nama Tempatan <i>Local Name</i>	Nama Saintifik <i>Scientific Name</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mai <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Purata <i>Average</i>
Baung	<i>Mystus nemurus</i>	5.47	5.00	4.60	5.08	5.35	4.87	5.43	4.60	4.03	5.03	4.83	4.48	4.90
Belida	<i>Notopetrus chiltala</i>	—	3.00	4.85	3.03	3.37	3.30	4.35	4.85	5.00	4.00	4.00	4.00	3.98
Bujuk	<i>Ophicephalus lucius</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Haruan	<i>Ophicephalus striatus</i>	3.16	3.27	3.31	3.45	3.33	2.88	3.43	3.31	3.82	3.46	4.15	3.74	3.44
Jelawat	<i>Leptobarbus hoeveni</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Jelawat Kolam		—	—	—	—	—	—	—	—	—	—	—	—	—
Jelawat Sungai		—	—	—	—	—	—	—	—	—	—	—	—	—
Kalui	<i>Osphronemus goramy</i>	2.30	—	—	4.50	2.70	2.85	5.93	—	2.00	—	3.50	—	3.40
Kap Rumpit	<i>Ctenopharyngodon idellus</i>	3.11	2.85	3.20	3.60	3.01	3.34	3.72	3.20	3.89	3.58	3.71	3.33	3.43
Kap Lumpur	<i>Cirrhina molitorella</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Kelah	<i>Tor tambroides</i>	—	9.10	—	—	4.40	—	—	—	—	—	—	9.00	7.50
Keli	<i>Clarias batrachus</i>	3.71	2.85	2.70	2.90	2.30	2.84	3.03	2.65	3.30	3.20	2.57	3.14	2.88
Ketutu	<i>Oxyleotris marmoratus</i>	—	20.00	16.00	15.75	11.05	12.50	—	16.00	11.00	14.00	14.00	24.00	15.43
Kap Kepala Besar	<i>Aristichthys nobilis</i>	3.38	3.00	2.77	2.75	2.36	4.03	3.33	2.77	3.06	3.20	3.25	3.41	3.11
Kerai Kunyit	<i>Puntius daruphani</i>	—	—	—	—	—	4.75	7.30	—	—	—	6.00	7.00	6.26
Kerai Puteh		—	—	—	—	—	—	—	—	—	—	—	—	—
Kerai Jelawat	<i>Leptobarbus haeveni</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerai	<i>Large Cyprinids</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Kenerak		—	—	—	—	—	—	—	—	—	—	—	—	—
Lomah	<i>Labiobarbus ocellatus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lais	<i>Kryptopterus cryptopterus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lampam Jawa	<i>Puntius gonionotus</i>	3.51	3.15	2.68	3.21	2.88	3.03	3.33	2.68	3.46	2.98	3.26	3.92	3.17
Lampam Sungai	<i>Puntius schwaefeldii</i>	2.52	2.25	2.60	2.36	2.72	2.90	3.08	2.60	2.80	2.95	2.83	2.73	2.70
Lawang	<i>Pangasius micronemus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Lee Koh	<i>Cyprinus carpio</i>	4.15	3.75	4.67	3.20	3.24	3.20	3.76	4.67	3.00	3.75	4.07	4.00	3.79
Limbat	<i>Clarias nieuhofii</i> (C.V.)	—	—	—	—	—	—	—	—	—	—	—	—	—

[illegible]

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENJUALAN IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN JENIS IKAN, 1983
SALE OF FRESHWATER FISH AT MAJOR MARKETS BY STATE AND SPECIES, 1983
(Kuantiti dalam Tan M/Quantity in Tonnes)

JENIS IKAN/SPECIES		NEGERI/STATE												Jumlah Tan M. Total Tonnes
Nama Tempatan Local Name	Nama Saintifik Scientific Name	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Wilayah Persekutuan	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	
Baung	Mystus nemurus	—	0.44	0.98	12.64	—	—	—	—	2.43	0.89	0.25	—	17.63
Belida	Notopetrus chittala	—	—	—	7.55	0.03	—	—	—	1.10	0.23	—	—	8.91
Bujuk	Ophicephalus lucius	—	—	—	—	—	—	—	—	—	—	—	—	—
Haruan	Ophicephalus striatus	0.48	0.60	16.34	129.72	1.35	4.15	5.14	0.31	—	0.47	0.20	—	158.76
Jelawat	Leptobarbus hoeveni	—	—	—	—	—	—	—	—	—	—	—	—	—
Jelawat Kolam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jelawat Sungai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kalui	Osphronemus goramy	—	0.01	0.14	—	—	—	—	—	—	0.04	—	—	0.19
Kap Rumput	Ctenopharyngodon idellas	0.25	0.44	7.56	37.65	4.69	6.37	16.37	22.89	3.89	0.59	0.14	1.19	102.03
Kap Lumpur	Cirrhina mooltorella	—	—	—	—	—	—	—	—	—	—	—	—	—
Kelah	Tor tambroides	—	—	—	—	—	—	—	—	—	—	—	—	—
Keli	Clarias batrachus	—	1.54	2.17	166.42	2.40	22.75	20.28	0.67	—	1.50	—	—	217.73
Ketutu	Oxyeleotris marmoratus	—	—	—	4.69	0.48	—	—	—	—	0.15	—	—	5.32
Kap Kepala Besar	Aristichthys nobilis	—	0.77	0.38	25.75	12.76	34.07	30.75	13.43	—	0.39	0.51	1.50	120.31
Kerai Kunyit	—	—	0.15	—	—	—	—	—	—	—	0.26	—	—	0.41
Kerai Putih	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerai Jelawat	Leptobarbus hoeveni	—	—	—	—	—	—	—	—	—	—	—	—	—
Kenerak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ketam Nipah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lomah	Labiobarbus ocellatus	—	—	—	—	—	—	—	—	—	—	—	—	—
Lais	Kryptopterus Kryptopterus	—	—	—	—	—	—	—	—	—	—	—	—	—
Lampam Jawa	Puntius gonionotus	—	5.06	—	45.09	6.81	17.32	17.23	30.40	—	1.02	0.03	2.11	125.07
Lampam Sungai	Puntius schwartzei	—	0.96	0.62	51.26	4.58	—	—	—	—	0.66	—	0.16	58.24
Lawang	Pangasius micronemus	—	—	—	—	—	—	—	—	—	—	—	—	—
Lee Koh	Cyprinus Carpio	—	2.90	—	11.66	—	13.50	11.35	—	—	0.12	—	2.67	42.20
Limbat	Clarias nieuhofii (C.V.)	—	—	—	—	—	—	—	—	—	—	—	—	—
Patong	Pristolepis fasciatus	—	—	—	—	—	—	—	—	—	—	—	—	—
Lampam Siam	Puntius spp	—	—	—	0.40	—	—	—	—	—	—	—	—	0.40
Juara	—	—	—	—	8.36	—	—	—	—	—	0.09	—	—	8.45
Patin Buah	Pangasius spp	—	—	—	2.97	—	—	—	—	—	0.20	—	—	3.17

Sepat	Trichogaster spp	—	0.30	—	13.91	0.18	—	—	—	—	0.04	—	—	14.43
Terubuk		—	0.02	—	57.28	—	—	—	0.70	—	—	0.20	—	58.20
Patin Muncong		—	0.11	—	23.38	—	—	1.35	—	—	0.27	—	—	25.11
Patin Perak		—	—	—	0.64	—	—	2.17	16.49	—	0.80	—	—	20.10
Patin Kolam		—	—	—	—	—	—	—	—	—	—	—	—	—
Patin Sungai		—	—	0.10	9.38	—	—	—	—	—	0.99	—	—	10.47
Patin		—	—	—	—	—	—	—	—	—	—	—	—	—
Puyu	Anabas tertudineus	—	0.31	—	1.63	0.22	—	—	0.74	—	—	0.20	—	3.10
Putih	Puntius binotatus	—	—	—	—	1.15	—	—	—	—	0.04	—	—	1.19
Pucuk Pisang	Labiobarbus fasciatus	—	0.62	0.13	16.14	0.02	—	—	—	—	—	—	—	16.91
Sebarau	Hampala macrolepidota	—	0.09	—	0.40	0.14	—	—	—	—	—	—	—	0.63
	V. Hasselt													
Sepat Siam	Trichogaster pectoralis	—	0.27	0.08	23.39	2.10	—	—	3.15	—	0.13	—	—	29.12
Temperas	Cyclocheilichthys apagon (C.V.)	—	—	—	—	—	—	—	—	—	—	—	—	—
Tapah	Wallago Attu (Bl. Scha)	—	—	—	2.63	—	—	—	—	1.29	—	—	—	3.92
Temakang	Helostoma temmincki	—	0.20	—	19.49	—	—	—	—	—	—	—	—	19.69
Temoleh	Probarbus julieni Sauvage	—	—	—	—	—	—	—	—	—	0.03	—	—	0.03
Tengalan	Puntius bulu	—	—	—	0.69	—	—	—	—	—	0.37	—	—	1.06
Terbol	Osteo chilus hasselti	—	—	—	—	—	—	—	—	—	—	—	—	—
Tilapia	Tilapia mossambica	—	3.24	—	29.80	2.23	17.22	12.72	—	—	0.55	—	—	65.76
Toman	Ophicephalus micropeltes	—	—	—	—	—	—	—	—	—	0.12	—	—	0.12
Tongsan	Acrossocheilus hexagonolepis	—	—	—	0.70	—	—	—	—	—	0.03	—	—	0.73
Ubi	Chana lucius (C.V.)	—	—	—	—	—	—	—	—	—	—	—	—	—
Udang Galah	Macrobrachium rosenbergii	—	0.22	1.01	44.43	16.53	0.30	—	0.10	14.19	1.20	—	0.12	78.10
Pelbagai	Miscellaneous	—	—	—	1.55	—	—	—	—	—	0.06	—	—	1.61
Jumlah Tan M./Total M. Tonnes		0.73	18.25	29.51	749.60	55.67	115.68	117.36	88.88	22.90	11.24	1.53	7.75	1,219.10

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
**PENGELUARAN ANAK-ANAK IKAN DAN UDANG AIRTAWAR OLEH PUSAT-PUSAT PENGELUARAN, KERAJAAN MENGIKUT
 PEN PUSAT DAN JENIS IKAN**

FRESHWATER FISH FRY PRODUCTION OF GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 1983

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PUNCA/SOURCE	JENIS BENIH IKAN/SPECIES OF FISH FRY											Jumlah/Total
	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Tilapia African Bream	Udang Galah Freshwater Giant Prawn	Temakang Kissing Gouramy	Siakap Snapper	Patin River Catfish	Kap Rumpit Grass Carp	Kap Kepala Besar/Big Head Carp	Kalui Giant Gouramy	
Pusat Penetasan Udang Galah, P. Sayak <i>Prawn Hatchery Station, P. Sayak, Kedah</i>	—	—	—	—	377,690	—	—	—	—	—	—	377,690
Pusat Penetasan Udang Galah, Sabak Kelantan <i>Prawn Hatchery Station, Sabak, Kelantan</i>	—	—	—	—	462,502	—	—	—	—	—	—	462,502
Pusat Pembaikbiak Ikan, Jitra, Kedah <i>Fish Breeding Station, Jitra, Kedah</i>	1,741,816	577,614	8,380	234,158	—	—	—	—	—	—	—	2,561,968
Pusat Pembaikbiak Ikan, Enggor, Perak <i>Fish Breeding Station, Enggor, Perak</i>	469,583	16,562	12,341	30,890	—	—	—	—	—	—	—	529,376
Pusat Pembaikbiak Ikan, Tapah, Perak <i>Fish Breeding Station, Tapah, Perak</i>	619,328	1,672	9,504	58,717	—	1,045	—	—	—	—	825	691,091
Pusat Pembaikbiak Ikan, Machang, Kelantan <i>Fish Breeding Station, Machang, Kelantan</i>	33,605	89,670	—	—	—	—	—	—	—	—	—	123,275
Pusat Pembaikbiak Ikan, Bukit Tinggi, Pahang <i>Fish Breeding Station, Bukit Tinggi, Pahang</i>	911,549	190,350	10,879	43,317	190	—	—	—	—	—	—	1,156,285
Pusat Percubaan Menternak Ikan, Cameron Highland, Pahang <i>Fish Culture Experimental Station, Cameron Highland, Pahang</i>	—	67,340	—	—	—	—	—	—	—	—	—	67,340
Pusat Pembaikbiak Ikan, Kong-kong, Johor <i>Fish Breeding Station, Kong-kong, Johor</i>	924,532	21,275	4,816	172,787	—	—	—	—	—	—	—	1,123,410
Pusat Penetasan Udang Galah, Port Dickson, Negeri Sembilan <i>Prawn Hatchery Station, Port Dickson, Negeri Sembilan</i>	—	—	—	—	48,360	—	—	—	—	—	—	48,360
Pusat Penetasan Udang Galah, Kg. Acheh Sitiawan, Perak <i>Prawn Hatchery Station, Kg. Acheh, Sitiawan, Perak</i>	339,830	—	—	3,000	171,262	—	—	—	—	—	—	342,830
Institut Penyelidikan Perikanan, Pulau Pinang <i>Fisheries Research Institute, Penang</i>	—	—	—	—	524,463	—	—	—	—	—	—	171,262
JUMLAH/TOTAL	5,040,243	964,483	45,920	542,869	1,584,467	1,045	—	—	—	—	825	8,179,852

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PEMBAHAGIAN BENIH-BENIH DAN UDANG KEPADA PENTERNAK MENGIKUT NEGERI DAN JENIS IKAN, 1983
 DISTRIBUTION OF FRESHWATER FISH FRY FROM GOVERNMENT HATCHERIES TO CULTURISTS BY STATE AND SPECIES, 1983

Negeri/State	Kepada Penternak (To Farmers)										Jumlah/Total
	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Sepat Siam <i>Snakeskin Gouramy</i>	Tilapia <i>African Bream</i>	Udang Galah <i>Freshwater Giant Prawn</i>	Temakang <i>Kissing Gouramy</i>	Siakap <i>Snapper</i>	Patin <i>River Catfish</i>	Kap Rumpit <i>Grass Carp</i>	Kap Kepala <i>Besar/Big Head Carp</i>	
Perlis	194,550	69,480	—	58,580	73,640	—	—	—	—	—	396,250
Kedah	257,725	131,757	2,500	85,331	102,080	—	—	—	—	—	579,393
Pulau Pinang	24,600	29,500	—	23,505	37,200	—	—	—	—	—	114,805
Perak	300,816	30,956	17,213	56,999	114,652	—	—	—	—	—	520,636
Selangor	268,715	25,000	—	2,250	22,350	—	—	—	—	—	318,315
Wilayah Persekutuan	1,990	1,500	300	1,145	—	—	—	—	—	—	4,935
Negeri Sembilan	650,450	38,898	—	13,965	1,300	—	—	—	—	—	704,613
Melaka	352,750	2,211	—	2,335	—	—	—	—	—	—	357,296
Johor	492,370	10,975	—	141,165	11,000	—	—	—	—	—	655,510
Pahang	289,173	107,172	—	380	35,712	—	—	—	—	—	432,437
Terengganu	143,890	61,381	—	5,850	50,500	—	—	—	—	—	261,621
Kelantan	179,651	61,125	—	—	218,236	—	—	—	—	—	459,012
Jumlah/Total	3,156,680	569,955	20,013	391,505	666,670	—	—	—	—	—	4,804,823

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PEMBAHAGIAN BENIH-BENIH IKAN DAN UDANG AIRTAWAR, 1983
DISTRIBUTION OF FRESHWATER FISH FRY, 1983

Negeri/State	Pelepasan Ke Dalam Perairan Umum <i>Stocking in Open and Impounded Water</i>					Kegunaan Pelbagai <i>Research and Miscellaneous Purpose</i>							
	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Sepat Siam <i>Snakeskin Gouramy</i>	Tilapia/Tilapia	JUMLAH TOTAL	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Sepat Siam <i>Snakeskin Gouramy</i>	Tilapia <i>African Bream</i>	Udang Galah <i>Freshwater Giant Prawn</i>	Temakang <i>Kissing Gouramy</i>	Kalui <i>Giant Gouramy</i>	JUMLAH TOTAL
Perlis	25,000	—	—	25,000	50,000	—	—	—	—	—	—	—	—
Kedah	219,710	1,000	—	18,900	239,610	410	70	50	3,320	—	—	—	3,850
Pulau Pinang	—	—	—	—	—	—	—	100	3,140	—	—	—	3,240
Perak	195,000	—	—	—	195,000	6,055	1,020	—	2,020	—	70	50	9,215
Selangor	—	—	—	—	—	5,190	90	1,207	1,100	—	—	—	7,587
Wilayah Persekutuan	—	10,000	—	—	10,000	300	150	300	150	—	—	—	900
Negeri Sembilan	2,000	—	—	—	2,000	5,070	—	—	—	3,000	—	—	8,070
Melaka	—	—	—	—	—	3,180	—	—	—	2,200	—	—	5,380
Johor	97,100	—	—	25,000	122,100	4,700	—	—	1,747	—	—	—	6,447
Pahang	—	—	—	—	—	16,130	2,410	—	60	—	—	—	18,600
Terengganu	—	—	—	—	—	—	—	—	—	—	—	—	—
Kelantan	—	—	—	—	—	—	—	30,100	50	—	—	—	30,150
JUMLAH/TOTAL	538,810	11,000	—	68,900	618,710	41,035	3,740	31,757	11,587	5,200	70	50	93,439

SEMENANJUNG MALAYSIA (*PENINSULAR MALAYSIA*)
JUMLAH ANAK-ANAK IKAN AIRTAWAR YANG DILEPASKAN DALAM PERAIRAN UMUM MENGIKUT NEGERI DAN JENIS IKAN, 1983
 (Freshwater Fingerlings From Government Hatcheries Released Into Open Inpounded Waterbodies By State And Science, 1983)

NEGERI (State)	JENIS IKAN (Species)	LAMPAM JAWA <i>Javanese Carp</i>	LEE KOH <i>Common Carp</i>	TILAPIA	JUMLAH (Total)
PERLIS		25,000	—	25,000	50,000
KEDAH		219,710	1,000	18,900	239,610
PULAU PINANG		—	—	—	—
PERAK		195,000	—	—	195,000
SELANGOR		—	—	—	—
WILAYAH PERSEKUTUAN		—	10,000	—	10,000
NEGERI SEMBILAN		2,000	—	—	2,000
MELAKA		—	—	—	—
JOHOR		97,100	—	25,000	122,100
PAHANG		—	—	—	—
TERENGGANU		—	—	—	—
KELANTAN		—	—	—	—
JUMLAH/TOTAL		538,810	11,000	68,900	618,710

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BIL. PUSAT PENETASAN IKAN/UDANG SWASTA DAN PENGELUARANNYA MENGIKUT NEGERI DAN JENIS IKAN/UDANG – 1983
 (No. of Private Hatcheries and Their Fry Production by State And Species – 1983)

Jenis Ikan/Species	Lee Koh/Common Carp		Udang Harimau/Tiger Prawn		Udang Galah/Freshwater Giant Prawn		Jumlah/Total	
Negeri State	Bil. Pusat Penetasan (No. of Hatcheries)	Bil. Pengeluaran (Production)	Bil. Pusat Penetasan (No. of Hatcheries)	Bil. Pengeluaran (Production)	Bil. Pusat Penetasan (No. of Hatcheries)	Bil. Pengeluaran (Production)	Bil. Pusat Penetasan (No. of Hatcheries)	Bil. Pengeluaran (Production)
Pertlis	—	—	—	—	—	—	—	—
Kedah	—	—	1	2,000,000	—	—	1	2,000,000
Pulau Pinang	—	—	1	6,000,000	—	—	1	6,000,000
Perak	2	26,000	—	—	—	—	2	26,000
Selangor	4	52,000	1	2,000,000	—	—	5	2,052,000
Wilayah Persekutuan	2	26,000	—	—	—	—	2	26,000
Negeri Sembilan	—	—	—	—	—	—	—	—
Melaka	—	—	—	—	2	4,000,000	2	4,000,000
Johor	—	—	4	14,000,000	—	—	4	14,000,000
Pahang	—	—	—	—	—	—	—	—
Terengganu	—	—	—	—	—	—	—	—
Kelantan	—	—	—	—	—	—	—	—
Jumlah	8	104,000	7	24,000,000	2	4,000,000	17	28,104,000

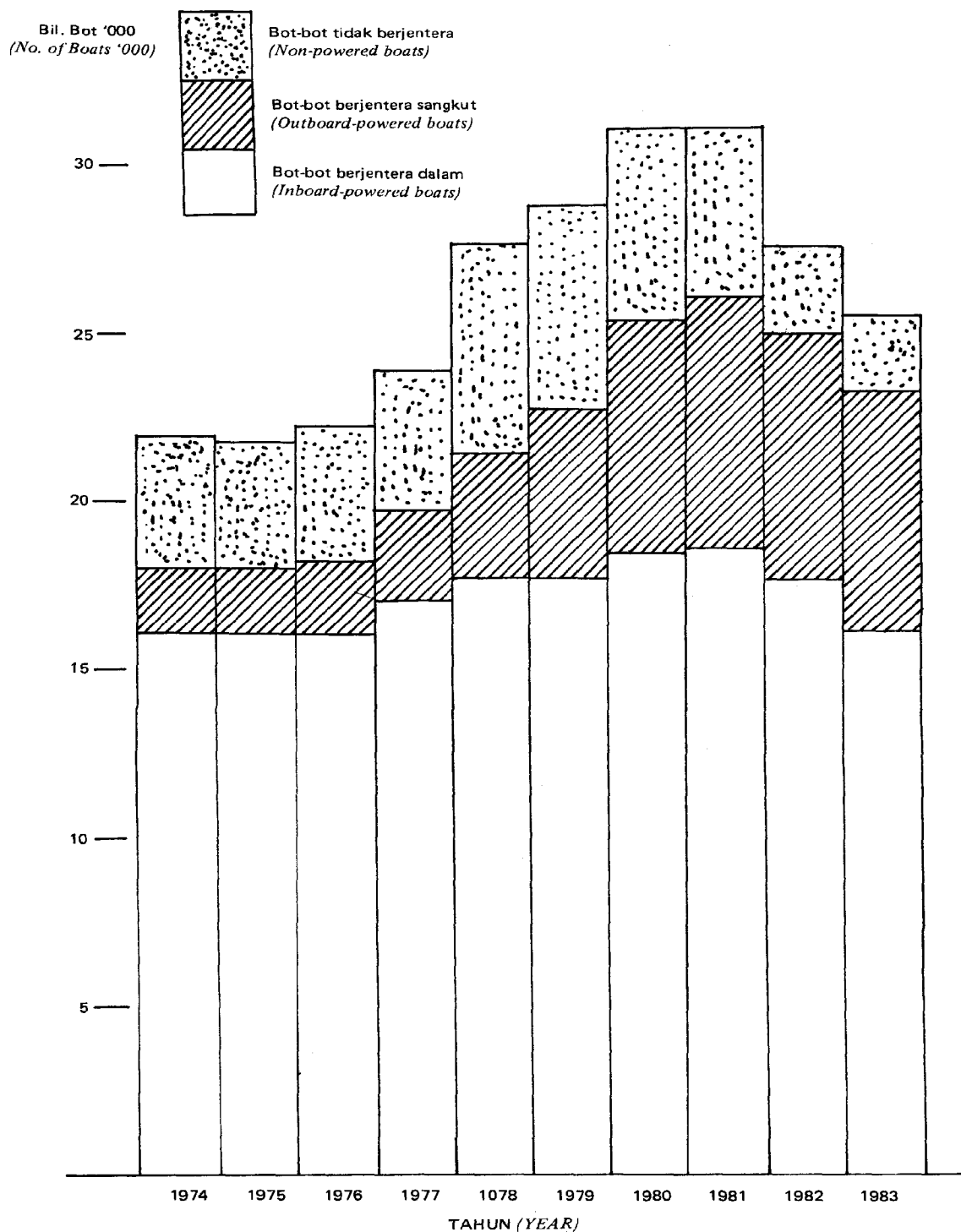
SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BIL. PUSAT-PUSAT SEMAIAN IKAN SWASTA DAN PENGELUARAN BENIH MENGIKUT NEGERI DAN JENIS IKAN – 1983
 (Number of Private Nurseries and Their Fry Production By State and Species – 1983)

Negeri State	JENIS IKAN/SPECIES										
	Bil. Pusat Semaian (Number of Nurseries)	Siakap (Barramundi)	Kerapu (Grouper)	Kap Rumput (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Kap Lumpur (Mud Carp)	Jelawat (Sultan Fish)	Tilapia (Tilapia)	Ketutu (Marble Goby)	Patin (River Catfish)	Jumlah (Total)
Perlis	—	—	—	—	—	—	—	—	—	—	—
Kedah	1	5,000	5,000	—	—	—	—	—	—	—	10,000
Pulau Pinang	3	18,000	18,000	—	—	—	—	—	—	—	36,000
Perak	4	—	—	60,000	60,000	5,000	24,000	100,000	4,000	100,000	353,000
Selangor	4	—	—	160,000	160,000	—	10,000	10,000	5,000	10,000	355,000
Wilayah Persekutuan	4	—	—	200,000	200,000	5,000	—	—	5,000	10,000	420,000
Negeri Sembilan	—	—	—	—	—	—	—	—	—	—	—
Melaka	1	5,000	—	15,000	15,000	—	6,000	—	—	35,000	76,000
Johor	—	—	—	—	—	—	—	—	—	—	—
Pahang	—	—	—	—	—	—	—	—	—	—	—
Terengganu	—	—	—	—	—	—	—	—	—	—	—
Kelantan	—	—	—	—	—	—	—	—	—	—	—
Jumlah	17	28,000	23,000	435,000	435,000	10,000	40,000	110,000	14,000	155,000	1,250,000

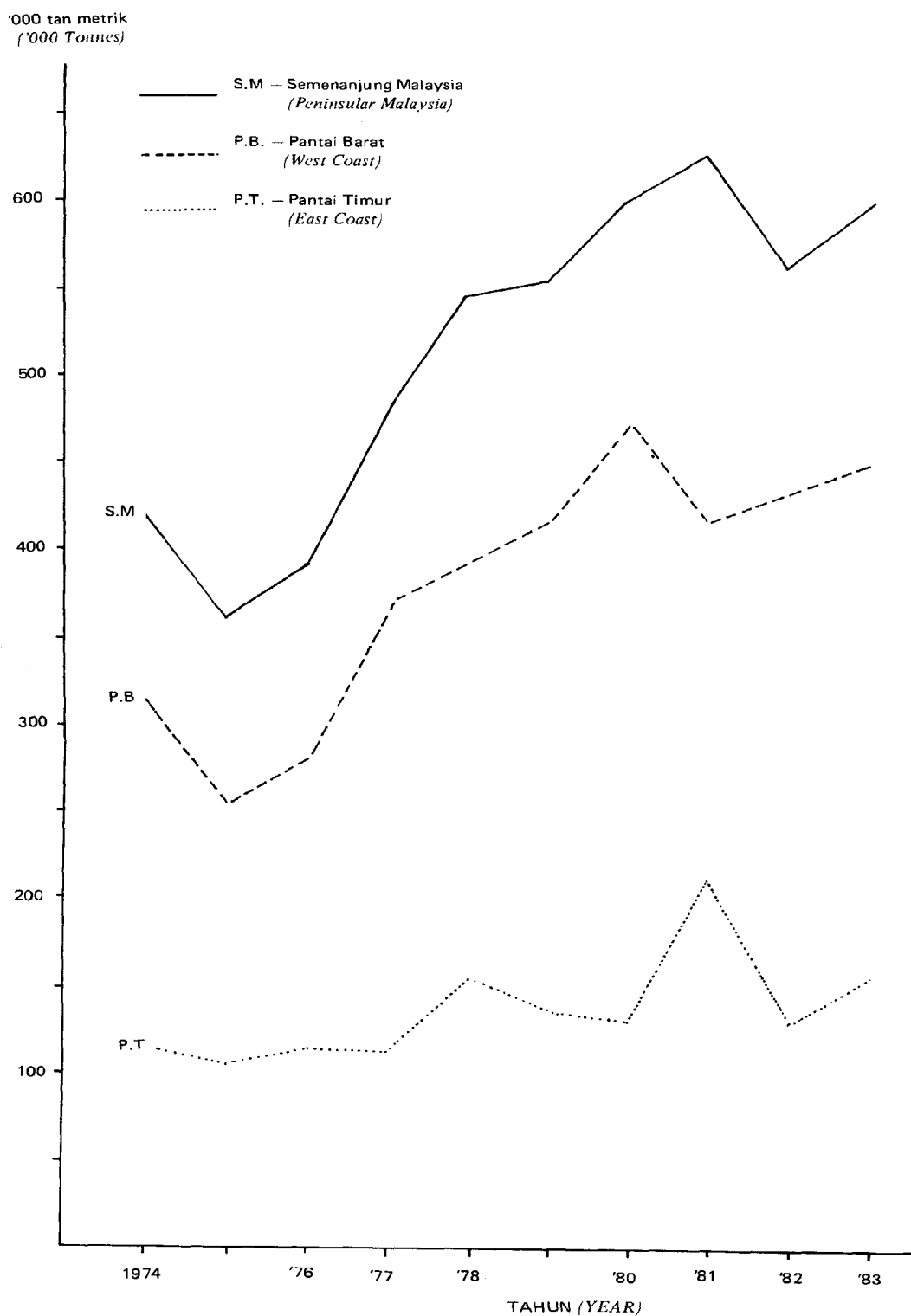
SEMENANJUNG MALAYSIA
(PENINSULAR MALAYSIA)

BILANGAN BOT-BOT BERJENTERA DALAM, BERJENTERA SANGKUT DAN TIDAK
BERJENTERA YANG DILESENKAN BAGI JANGKA MASA 1974 – 1983

(Number of Inboard-Powered, Outboard-Powered and Non-Powered Fishing Boats
Licensed in the Period 1974 – 1983)

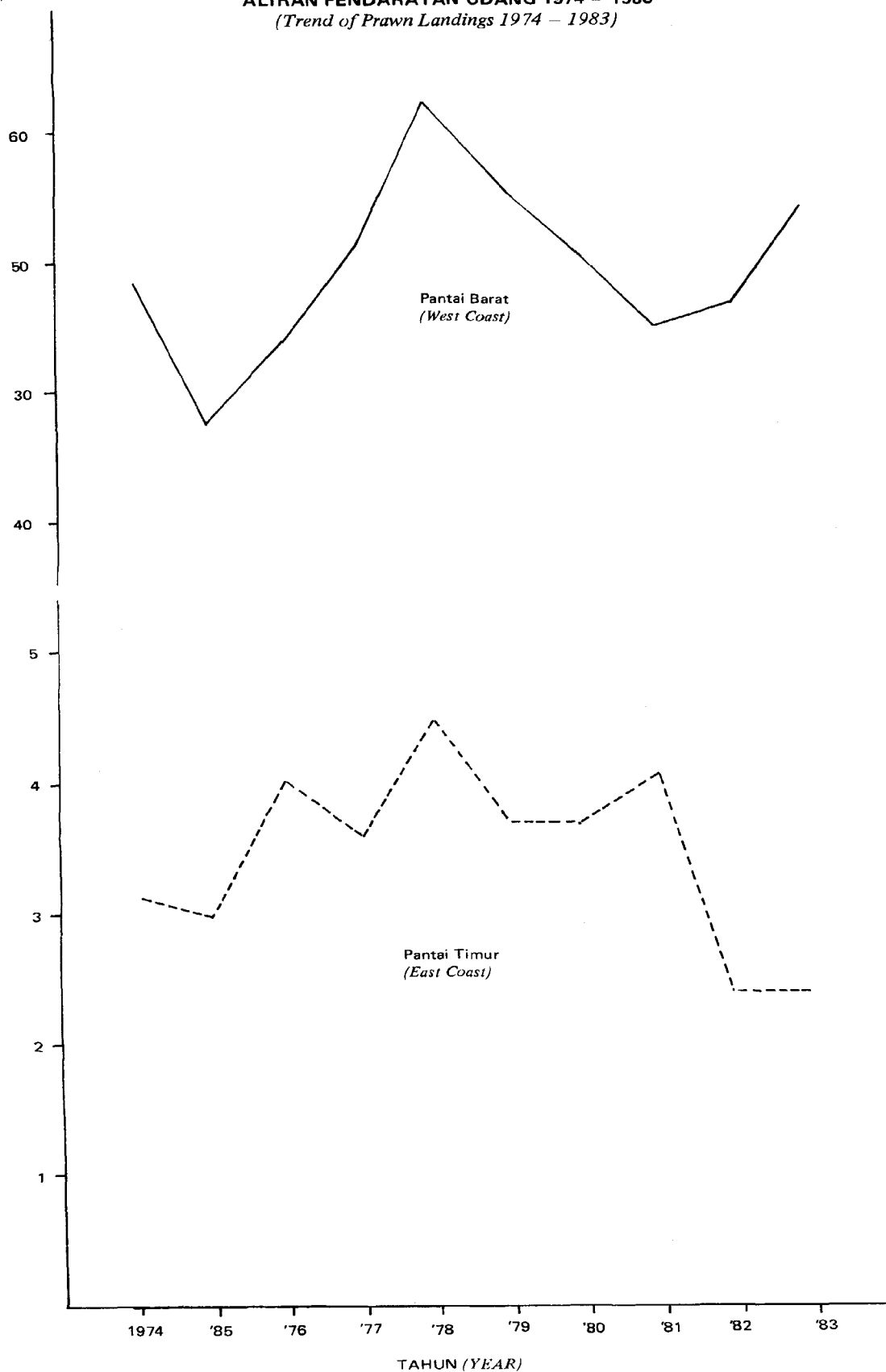


SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ALIRAN PENDARATAN IKAN LAUT 1974 – 1983
(Trend of Marine Fish Landings, 1974 – 1983)

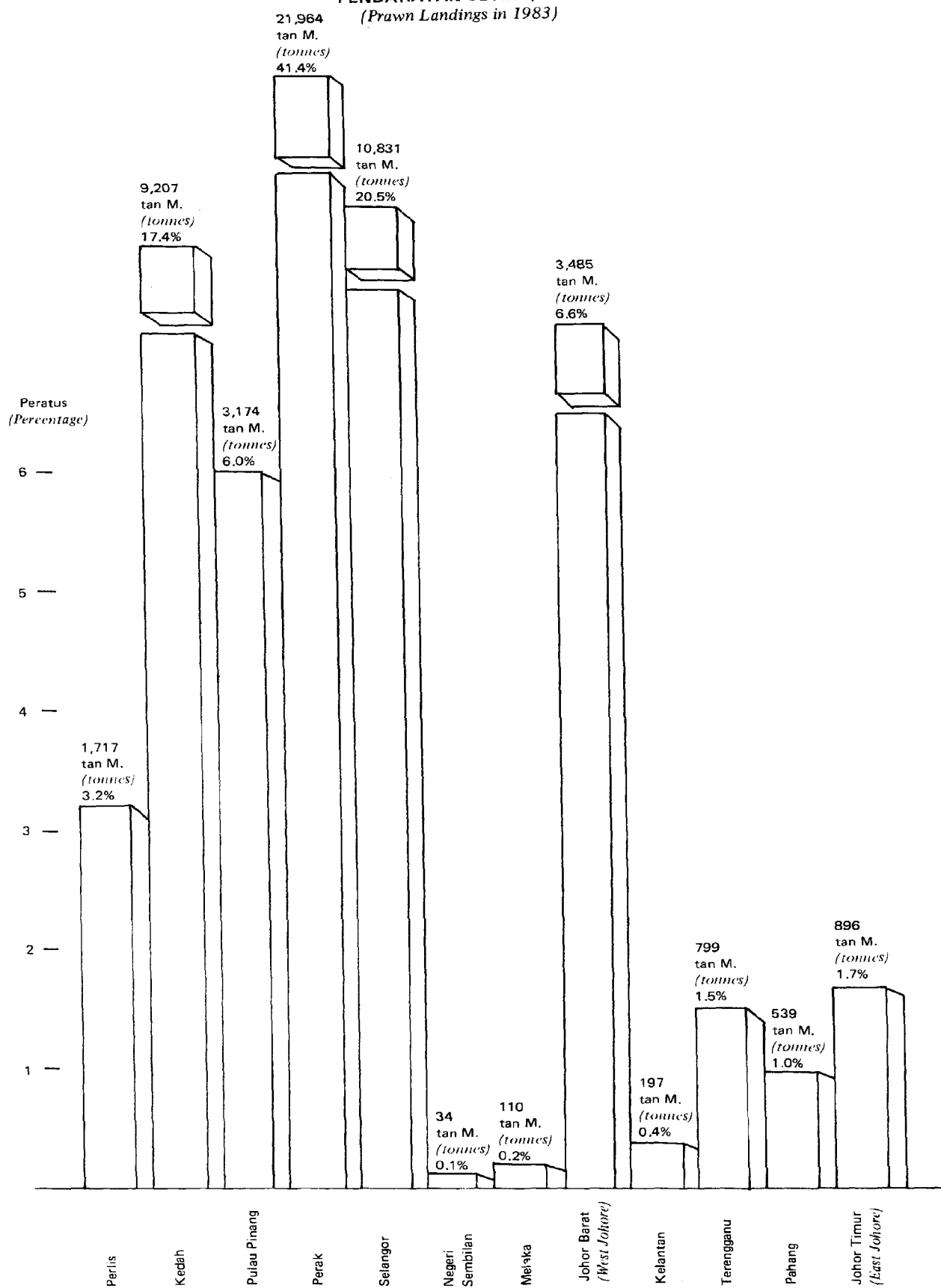


'000 Tan Metrik
('000 Tonnes)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ALIRAN PENDARATAN UDANG 1974 – 1983
(Trend of Prawn Landings 1974 – 1983)



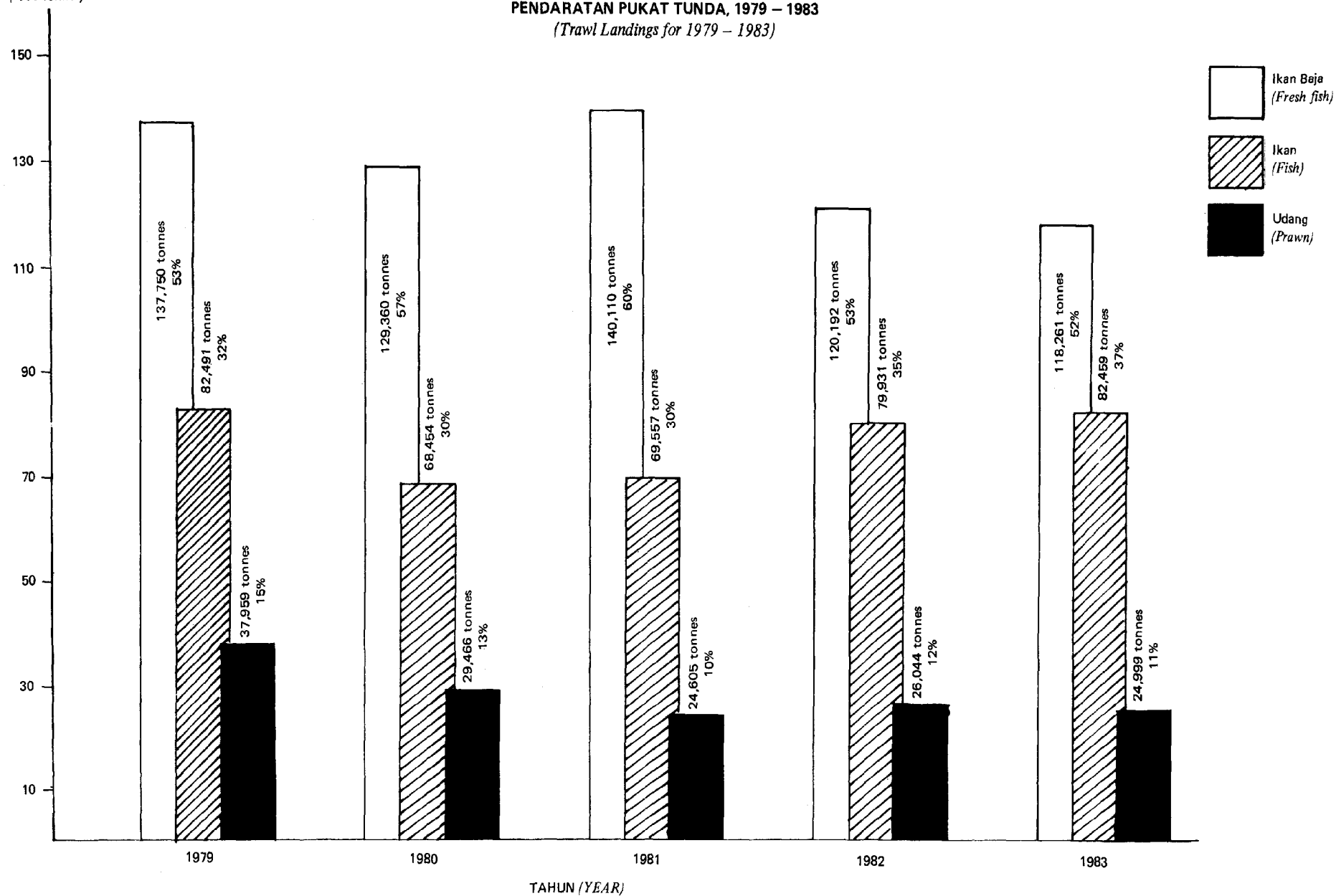
(SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA))
PENDARATAN UDANG, 1983
(Prawn Landings in 1983)



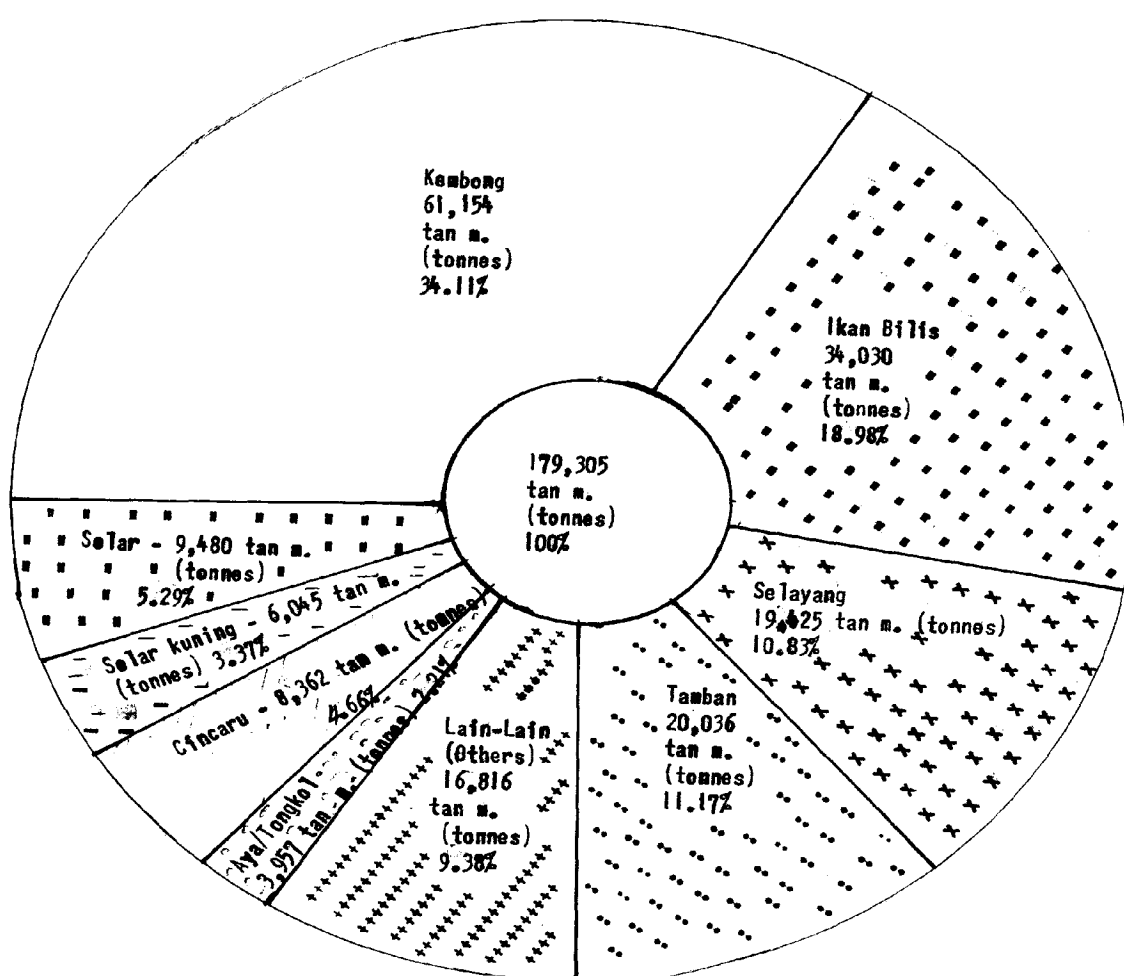
'000 tan metrik
(^{'000 tonnes})

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENDARATAN PUKAT TUNDA, 1979 – 1983
(Trawl Landings for 1979 – 1983)

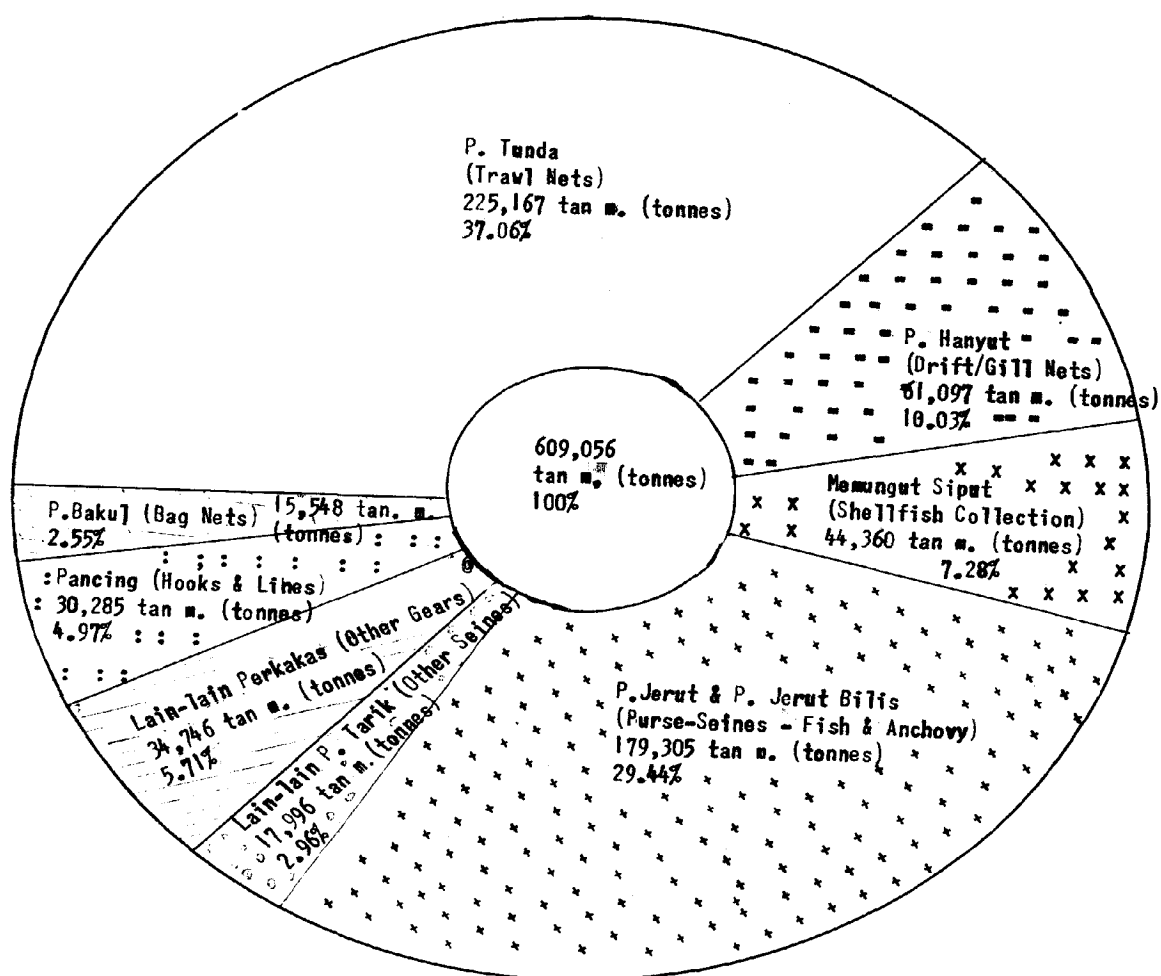
CARTA (CHART) E



SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 PENDARATAN PUKAT JERUT MENGIKUT JENIS IKAN, 1983
(Purse-Seine Landings by Species, 1983)

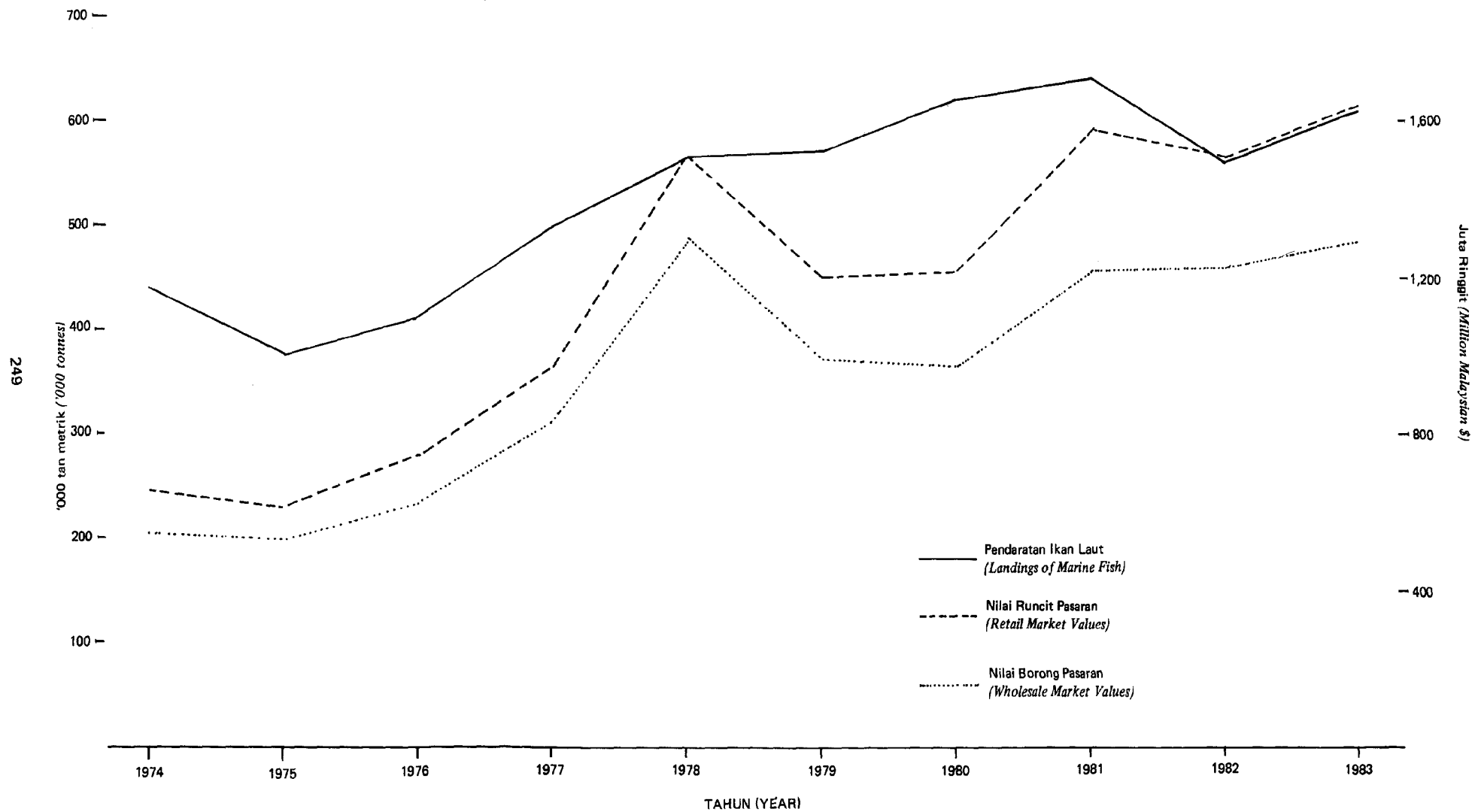


SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 1983
 (Landings of Marine Fish by Gear Group, 1983)

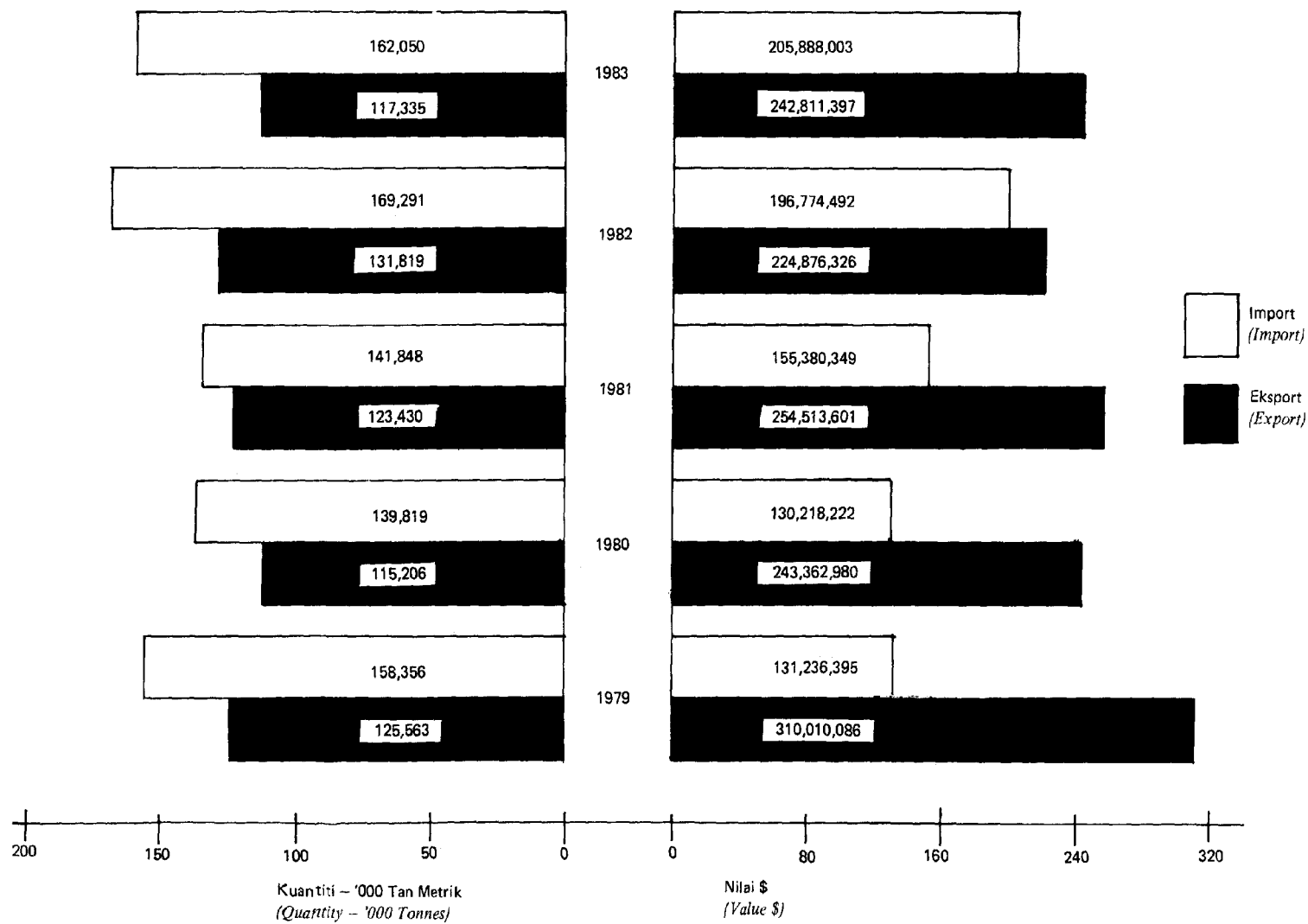


© Lain-lain Perkakas adalah termasuk Pukat Tangguk, Belat-belat, Pukat Rentang, Pukat Surung dan Rampaian.
 (Other Gears include Lift Nets, Stationary and Portable Traps, Barrier Nets, Push Nets and Miscellaneous Gears)

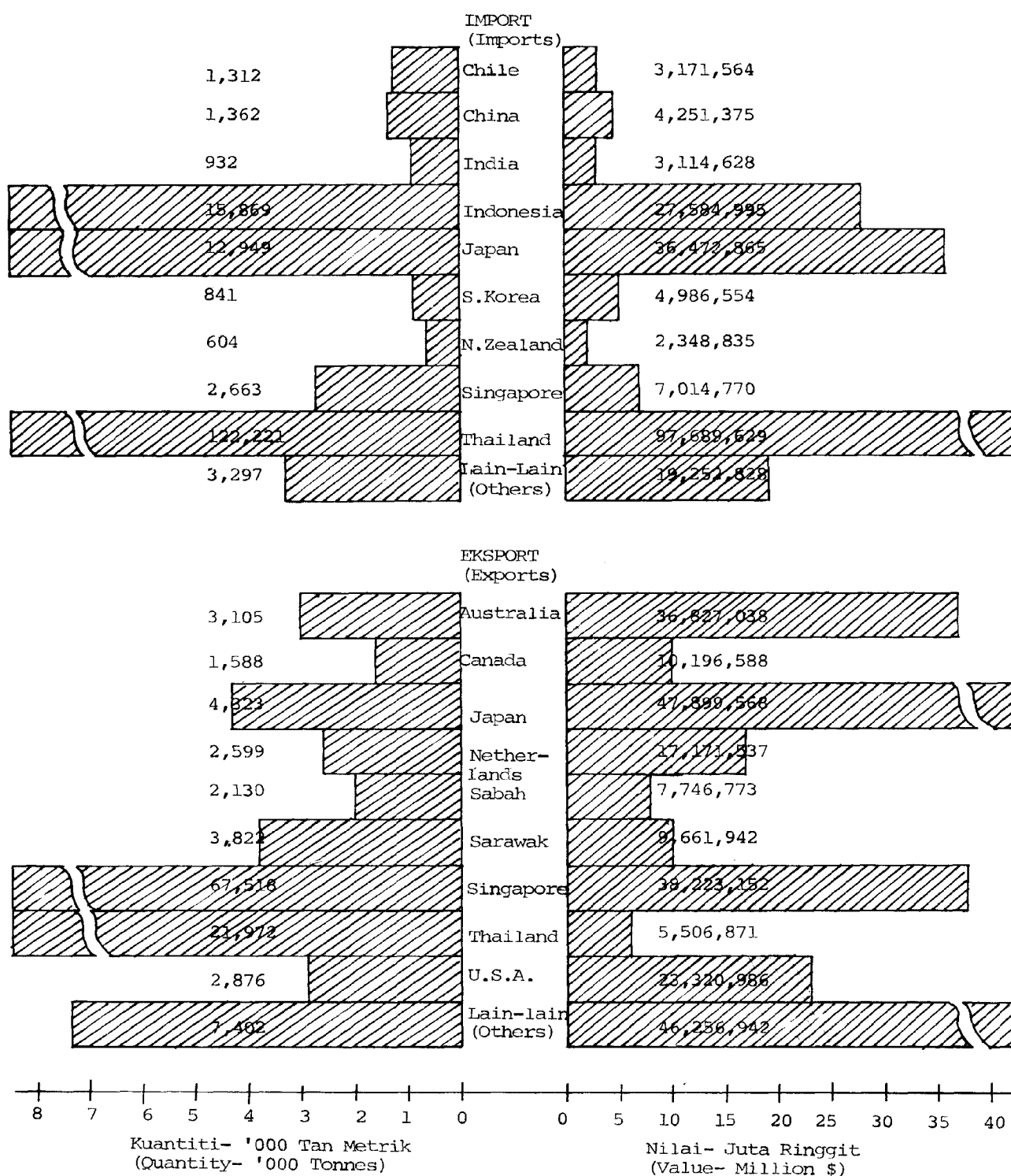
SEMANAJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI PASARAN DAN PENDARATAN IKAN LAUT BAGI TAHUN 1974 – 1983
(Market Values and Landings of Marine Fish for the Years 1974 – 1983)



SEMENANJUNG MALAYSIA (*PENINSULAR MALAYSIA*)
 SIRI TAHUNAN IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT KUANTITI DAN NILAI
 (Annual Series of Fishery Commodities of Imports and Exports by Quantity and Value)



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT KUANTITI, NILAI
DAN NEGERI ASAL/DESTINASI UTARA, 1983
(Imports and Exports of Fishery Commodities by Quantity, Value
and Major Country of Origin/Destination, 1983)



Pembetulan (Errata)

Perangkaan Tahunan Perikanan 1982 (*Annual Fisheries Statistics, 1982*)

1. **Pendahuluan (*Foreword*)**
Di para 1 (Bahasa Inggeris) masukkan perkataan "is a combination" selepas ayat "collection" dan perkataan "compiled" digantikan dengan "compiled".
(*Under para 1, insert the phrase, "is a combination" after the word, "collection" and the word "compiled" should read as compiled*)
2. **Kandungan (*Contents*)**
Di Jadual 15.6, perkataan "Fisheried" hendaklah digantikan dengan "Fisheries".
(*Table 15.6, the word "Fisheried" should read as "Fisheries"*).
3. **Jadual 1.1 (*Table 1.1*)**
Masukkan perkataan "IN" selepas perkataan "WORKING" di bahagian tajuk.
(*Insert the word "IN" after the word "WORKING"*).
4. **Jadual 1.2 (*Table 1.2*)**
Perkataan "Stationery" hendaklah digantikan dengan "Stationary".
(*The word "Stationery" should read as "Stationary"*).
5. **Jadual 2.1 (*Table 2.1*)**
Perkataan "MENENGGAP" ditajuknya hendaklah digantikan dengan "MENANGKAP".
(*The word "MENENGGAP" should read as "MENANGKAP"*).
6. **Jadual 2.7 (*Table 2.7*)**
Bilangan bot-bot berjentera dalam ialah 481 untuk daerah Kemaman bukan 461.
(*The number of inboard boats for Kemaman should read as 481 and not 461*).
7. **Jadual 2.6 (*Table 2.6*)**
Perkataan "Kaw" sebenarnya "Kew".
(*The word "Kaw" should read as "Kew"*).
8. **Jadual 2.8 (*Table 2.8*)**
Perkataan "Rampian" sepatutnya "Rampaian".
(*The word "Rampian" should read as "Rampaian"*).
9. **Jadual 2.11.3 (*Table 2.11.3*)**
Masukkan angka "2" ketempat -- untuk bot-bot di bawah 0–4.9 tan di ruangan Memungut Siput.
(*Insert the figure "2" for fishing boats of 0–4.9 tons under "Shellfish Collection"*).
10. **Jadual 4.1 (*Table 4.1*)**
Gantikan angka 289 dengan 269 bagi perkakas rampaian untuk Negeri Perak.
(*The number of miscellaneous gears should be 269 instead of 289 for the State of Perak*).
11. **Jadual 5.13 (*Table 5.13*)**
Di ruangan jenis ikan, gantikan perkataan "pair-pasir" dengan "pasir-pasir".
(*Under the species column, the word "pair-pasir" should read as "pasir-pasir"*).
12. **Jadual 5.16.3 (*Table 5.16.3*)**
Di ruangan jenis ikan, gantikan perkataan "dun" dengan "duri".
(*Under the species column, the word "dun" should read as "duri"*).
13. **Jadual 5.16.4 (*Table 5.16.4*)**
Jumlah bagi ikan Kerisi ialah 2,942.92 tan metrik bukan 942.92 tan metrik.
(*Total landings of Kerisi should read as 2,942.92 tonnes instead of 942.92 tonnes*).
14. **Jadual 5.20 (*Table 5.20*)**
Jumlah keseluruhan pendaratan ikan bagi 70 tan ke atas ialah 119.22 bukan 119.42 tan metrik.
(*Total landings for 70 tons and above should read as 119.22 tonnes instead of 119.42 tonnes*).
15. **Jadual 5.21.2 (*Table 5.21.2*)**
Jumlah pendaratan Udang Sedang bagi 10–24.9 tan ialah 221.83 tan metrik bukan 211.83 tan metrik.
(*Total landings of Udang Sedang under tonnage 10–24.9 tonnes should read as 221.83 tonnes instead of 211.83 tonnes*).
16. **Jadual 5.21.8 (*Table 5.21.8*)**
Bilangan jam menunda bagi muatan 25–39.9 tan ialah 11,220 bukan 11,200.
(*No. of trawling hours under tonnage 25–39.9 tons should read as 11,220 instead of 11,200*).
17. **Jadual 5.22 (*Table 5.22*)**
Jumlah pendaratan, Puput/Beliak Mata/Tirok ialah 0.04 tan metrik bukan 0.40 tan metrik.
(*Total landings of 'Puput/Beliak Mata/Tirok' should read as 0.04 tonnes instead of 0.40 tonnes*).
18. **Jadual 5.24 (*Table 5.24*)**
Jumlah bilangan memukat ialah 125,126 bukan 124,126.
(*Total no. of hauls should read as 125,126 and not 124,126*).
19. **Jadual 6.5 (*Table 6.5*)**
Jumlah pendaratan Udang Besar ialah 5,632.14 tan metrik bukan 5,631.14 tan metrik.
(*Total landings of Udang Besar should read as 5,632.14 tonnes instead of 5,631.14 tonnes*).

20. Jadual 7.2 (Table 7.2)
Jumlah Ikan Baja untuk Negeri Selangor ialah 3,039.00 tan metrik bukan 3,093.00 tan metrik.
(*The processed Manure Fish for the state of Selangor should read as 3,039.00 tonnes instead of 3,093.00 tonnes*).
21. Jadual 9.3 — Muka surat 144 (Table 9.3 — Page 144)
Di bawah tajuk "Other marine fish, fresh or chilled", nilai eksport ke Singapura ialah \$20,131,642.
(*Under sub-heading, "Other marine fish, fresh or chilled", the export value to Singapore should read as \$20,131,642*).
22. Jadual 9.3 — Muka surat 151 (Table 9.3 — Page 151)
Di bawah tajuk, "Cuttlefish, in airtight containers", nilai eksport ke USA ialah \$20,333 bukan \$20,535.
(*Under sub-heading, "Cuttlefish, in airtight containers", the export value to USA should read as \$20,333 and not \$20,535*).
23. Jadual 9.5 (Table 9.5)
Di bawah tajuk, "Prepared or Preserved Fish in Airtight Containers" dan "Fats and Oils, of Fish and Mammals" untuk tahun 1978, nilai dan kuantitinya ialah \$862,828 dan 612.76 tan metrik bukan \$8,862,828 dan 1,612.76 tan metrik.
(*Under sub-heading, "Prepared or Preserved Fish in Airtight Containers" and "Fats and Oils, of Fish and Mammals" for the year 1978, the value and quantity should read as \$862,828 and 612.76 tonnes instead of \$8,862,828 and 1,612.76 tonnes respectively*).
24. Jadual 11.2 (Table 11.2)
Jumlah nilai untuk Kap Rumpun ialah \$12,909.00 bukan 1,290.00.
(*Total value of Grass Carp should read as \$12,909.00 and not \$1,290.00*).
25. Jadual 14.4 (Table 14.4)
Jumlah benih ikan untuk Kap Lumpur, Jelawat, Tilapia bagi Negeri Perak ialah 150,000, 20,000 dan 0 bukan 20,000, 150,000 dan 20,000.
(*Total fish fry production of Mud-Carp, Sultan Fish and Tilapia for the State of Perak should read as 150,000, 20,000 and 0, instead of 20,000, 150,000 and 20,000*).
26. Jadual 16.3 (Table 16.3)
Jumlah pendaratan ikan dan udang (1981) ialah 68,043.13 tan metrik bukan 68,034.13 tan metrik.
(*Total landings of fish and prawn (1981) should read as 68,043.13 tonnes and not 68,034.13 tonnes*).
27. Jadual 16.7 — Muka surat 216 (Table 16.7 — Page 216)
Jumlah nilai "Preparations or preservations of crustaceans and molluscs not canned" yang dieksport ke Singapura ialah \$313,840.
(*Total export value of "Preparations or preservations of crustaceans and molluscs not canned" to Singapore should read as \$313,840*).

KLASIFIKASI PERANGKAAAN PIAWAIAN IKAN-IKAN LAUT MALAYSIA
STANDARD STATISTICAL CLASSIFICATION OF MALAYSIAN MARINE FISHES

Division	ISSCAAP Group	Local Name	English Name	Scientific Name
2 Diadromous	24 Shads, Milkfishes, etc.	Kebasi/Selangat	+ Chacunda shad (Gizzard shad)	Anodontosoma chacunda
		Puput Beliak mata Terubok	+ Shad + Slender shad 0 Longtail shad	Pellona spp Ilisha elongata Hilsa macrura
	25 Miscellaneous diadromous fishes	Siakap	+ Giant sea perch (Barramundi)	Lates calcarifer
3 Marine fishes	31 Flounders, Halibuts, Soles, etc.	Lidah Sebelah	+ Tonguefish (Tongue sole) + Flatfish	Cynoglossus spp Pseudorhombus spp
	33 Redfishes, Basses, Congers, etc.	Bayan Biji nangka Daun Baharu Defah Dengkis/Debam Duri/Pulutan/Utek Gelama/Tongkerong Gerut-gerut Jebong Jenahak Kaci Kapas laut Kerapu Kerisi Kerisi bali Kikek Lumi-lumi Malong Merah Mengkerong/Ubi/Conor Puntung Damar/Bulus-bulus Pasir-pasir/Timun-timun/ Puyu Laut Pelandok Pluru Remong/Kunyit-kunyit Semilang Shrumbu/Lemah Tanda Kerepoh Lolong Mata Besar/Selar Pisang-pisang Selar/Pelata Selar Kuning Selayang/Curut Talang	+ Parrotfish + Goatfish + Spotted sicklefish + Fusilier + Spinefeet (Rabbit fish) + Marine catfish + Jewfish + Grunter + Triggerfish + Mangrove snapper + Sweetlip + Majorras (Silver biddies) + Grouper + Threadfin bream + Sharptoothed bass + Ponyfish (Slipmouth) + Bombay-duck + Conger eel + Red snapper + Lizard fish + Sillago-whittings + Monocle bream + Emperors (Scavengers) + Spadefish + Snapper + Catfish eel + False trevally + Snapper	Callyodon spp./Thalassoma spp. Upeneus spp. Drepane punctata Caesio erythrogaster/C. chrysona Siganus spp. Tachysurus spp./Arius spp/ Osteogenius spp. Sciaeria spp/Johnius spp/ Otolithus spp/Otolithoides spp. Promadasys spp. Abalistes stellaris Lutianus johni Spilotichthyhs picfus Gerres filamentosus/G. abbreviatus Epinephelus spp/Plectropomus spp. Nemipterus spp Pristipomoides typus Leiognathus spp/Gazz spp/ Secutor spp. Harpodon nehereus Muraenesox sp. Lutianus argentimaculatus/ L. malabaricus Sauride spp. Sillago sihama/S. maculata Scolopsis spp. Lethrinus spp. Ephippus orbis Lutianus vitta/L. lineolatus Plotosus spp Lactarius lactarius Lutianus russelli
34 Jacks,	34 Jacks, Mullets, Sauries, etc.	Aji-aji Alu-alu/Kacang-kacang Aruan Tasek Bawal hitam Bawal putih Bawal tambak Bawal selatan Belanak/Kedera Cermin/Sagai/Cupak Cincaru Demudok/Rambai Gerong-gerong Kurau/Senangin/Senohong Kerepoh Lolong Mata Besar/Selar Pisang-pisang Selar/Pelata Selar Kuning Selayang/Curut Talang	+ Amberjack + Barracuda + Black kingfish 0 Black pomfret 0 Silver pomfret 0 Chinese pomfret 0 Small pomfret 0 Mullet + Horse mackerel (Trevally) 0 Hardtail scad + Horse mackerel (Trevally) + Golden trevally 0 Threadfin 0 Horse mackerel (Trevally) 0 Ox-eye scad 0 Big-eye scad 0 Rainbow runner 0 Selar scad 0 Yellow striped trevally 0 Round scad 0 Queenfish (Leatherskin)	Seriola nigrifasciata Sphyræna jello/S. optusa Rachycentron canadus Formio niger Pampus argenteus Pampus chinensis Pampus spp. Liza spp/valamugil spp. Alectis indica/Caranx spp. Megalaspis Cordyla Carangoides spp. Caranx speciosus Polynemus spp/Eleutheronema tetradactylum Caranx sexfasciatus Selar boops Selar crymenophthalmus Elagatis bipinnulatus Selar spp. Selaroides leptolepis Decapterus maruadis/D. macrosoma Scomberoides commersonianus

ISSCAAP Division	Group	Local Name	English Name	Scientific Name
	35 Herrings, Sardines, Anchovies, etc.	Tamban sisek Tamban buluh/T. Bulat Bilis Parang-parang Bulan-bulan	0 Fringescale sardinella 0 Rainbow sardine 0 Anchovy 0 Dorab wolf-herring + Indo-Pacific tarpon	<i>Sardinella fimbriata</i> <i>Dussumieria acuta</i> <i>Stolephorus</i> spp. <i>Chirocentrus dorab</i> <i>Megalops cyprinoides</i>
	36 Tunas, Bonitos, Billfishes, etc.	Aya/Kayu/Tongkol hitam Aya/Kayu/Tongkol kurik Aya/Kayu/Tongkol/Selasih Layaran/Mersuji Tenggiri	0 Longtail tuna 0 Kawakawa (eastern little tuna) 0 Frigate tuna 0 Sailfish/Black and Blue marlin 0 Spanish mackerel	<i>Thunnus tonggol</i> <i>Euthynnus affinis</i> <i>Auxis thazard</i> <i>Istiophorus</i> spp./ <i>Makaira</i> spp. <i>Scomberomorus</i> spp.
	37 Mackerels, Snoeks, Cutlass, fishes, etc.	Kembong/Temenong Timah/Layor/Selayor	0 Indian mackerel + Large-head hairtail (Ribbon fish)	<i>Rastrelliger kanagurta</i> / <i>R. brachysoma</i> / <i>R. faughni</i> <i>Trichiurus lepturus</i>
	38 Sharks, Rays, Chimaeras, etc.	Yu Pari	+ Shark + Ray	<i>Galeorhinidae</i> <i>Gymnura</i> spp./ <i>Dasyatis</i> spp
	49 Miscellaneous marine fishes	Ikan Baja Ikan Campur	+/0 Trash fish +/0 Mixed fishes	Mixed spp. Mixed spp.
4 Crustaceans	42 Sea spiders, Crabs, etc.	Ketam laut/ Ketam Renjong Ketam batu	Mud crab	<i>Portunus pelagicus</i> <i>Scylla serrata</i>
	43 Lobsters, Spiny rock lobsters, etc.	Udang karang Udang lobak	Spiny lobster Slipper lobster	<i>Panulirus polyhagus</i> <i>Thenus orientalis</i>
	45 Shrimps, Prawns, etc.	Udang putih/Udang kaki merah/Udang susu Udang harimau Udang pasir/Udang pasir Kepala besar Udang putih kecil Udang kuning Udang merah ros/ Udang ekor biru Udang kulit keras Udang minyak/Udang minyak jalur Udang merah	Banana prawn/Western king prawn Giant tiger prawn/ Green tiger prawn Sand prawn Small white prawn Yellow prawn Pink prawns/Greasyback prawns Rainbow prawn Sharp-rostrum prawn Red prawn	<i>Penaeus merguensis</i> / <i>P. indicus</i> / <i>P. latissulcatus</i> <i>Penaeus monodon</i> / <i>P. semisulcatus</i> <i>Metapenaeopsis stridulans</i> & <i>M. barbeensis</i> / <i>Trachypenaeus fulvus</i> <i>Metapenaeus lysianassa</i> <i>Metapenaeus brevicornis</i> <i>Metapenaeus affinis</i> / <i>M. ensis</i> / <i>M. intermedius</i> <i>Parapenaeopsis sculptilis</i> <i>Parapenaeopsis hardwickii</i> / <i>P. coromandelica</i> / <i>P. hungerfordi</i> / <i>P. gracillima</i> <i>Solenocera subnuda</i>
5 Molluscs	53 Oysters	Tiram	Rock oysters/Flat oysters	<i>Ostrea folium</i> / <i>Crassostrea</i> spp.
	54 Mussels	Kupang/Siput sudu Siput cangkul	Green mussel Sea-Green mussel	<i>Perna viridis</i> <i>Glaucanome</i> spp.
	56 Clams, Cockles, Arkshells, etc.	Kerang Retak seribu Lain-lain siput	Blood cockle Carpet clam Other clams/Snails	<i>Anadara granosa</i> <i>Paphia undulata</i> Bivalves/Gastropods
	57 Squids, Cuttlefishes, Octopuses, etc.	Sotong biasa/cumit-cumit Sotong katak Sotong kereta	Common squid Cuttlefish Octopus	<i>Loligo</i> spp. <i>Sepia</i> spp. Octopodidae
7 Miscellaneous Aquatic animals	75 Sea-urchins, Sea-s cucumbers and other echinoderms	Trepang	Sea cucumbers (Bache-de-mer)	<i>Holothuriodea</i>
	76 Miscellaneous Aquatic invertebrates	Ubur-ubur	Jelly fish	<i>Rhopilema</i> spp.

NOTES:

+ = Demersal finfishes

0 = Pelagic finfishes

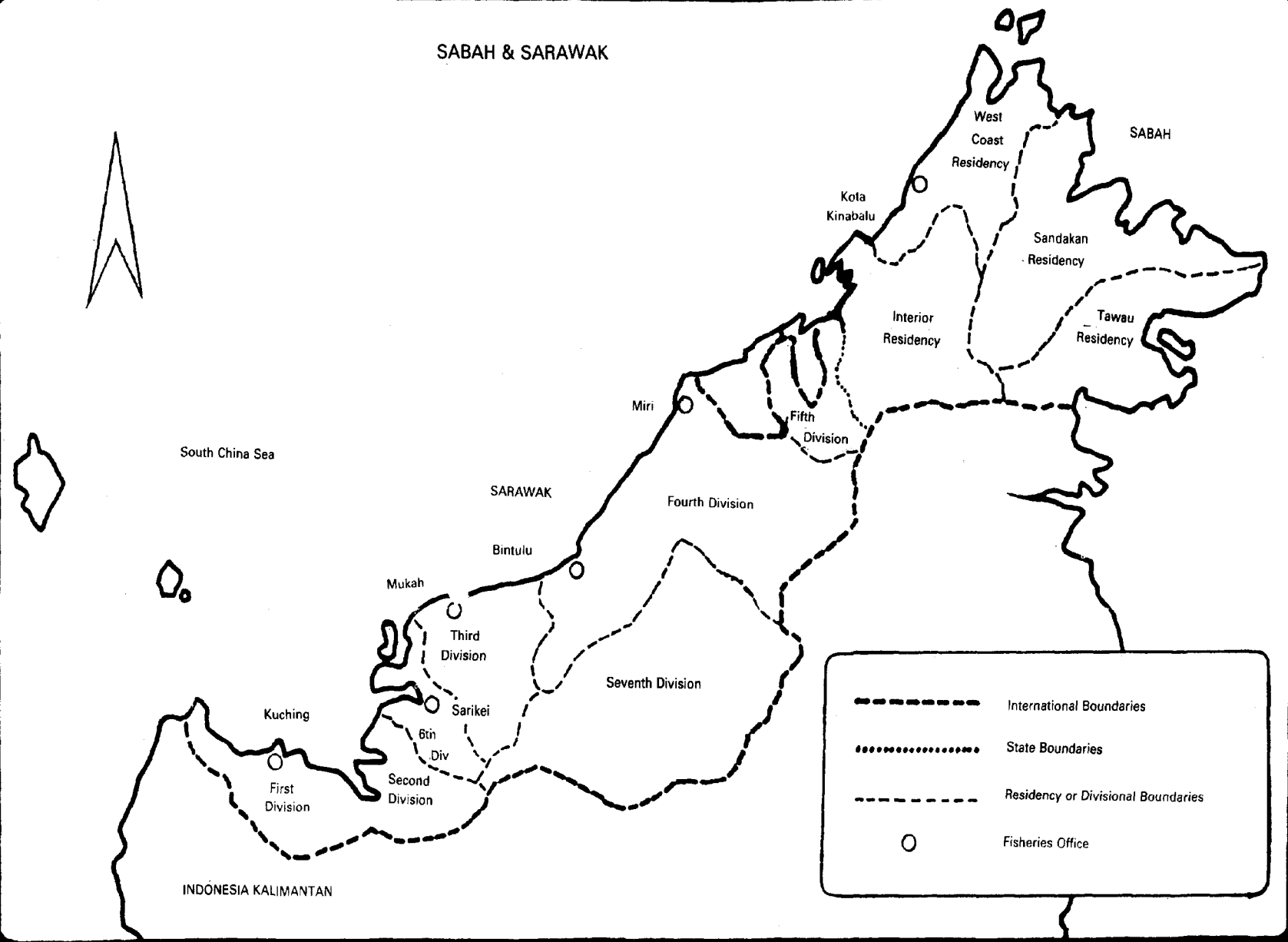
+/0 = Trash fish/Mixed fishes of trawl, portable traps, barrier, push/scoop, stationary traps, handlines and other seines are considered demersal.

+/0 = Trash/fish/Mixed fishes of purse seines (fish and anchovy) drift/gill nets and lift nets are considered pelagic.

KLASIFIKASI PERANGKAAAN PIAWAIAAN IKAN-IKAN
AIRTAWAR MALAYSIA
STANDARD STATISTICAL CLASSIFICATION
OF COMMON MALAYSIAN FRESHWATER FISHES

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
1. Freshwater Fishes	11 Carps, Barbs	Tengas	Carp	Acrossocheilus hexagonolepis
		Kap Kepala Besar	Big Head Carp	Aristichthys nobilis
		Ikan Mas	Edible Gold Fish	Carassius auratus
		Kap Lumpur	Mud Carp	Cirrhina molitorella
		Kap Rumput	Grass Carp	Ctenopharyngodon idella
		Temperas	Carp	Cyclocheilichthys apogon
		Lee Koh	Common Carp	Cyprinus Carpio
		Selimang Batu	Carp	Epbalzeorthynchus kalopteris
		Sebarau	Carp	Hampala macrolepidota
		Kap Perak	Silver Carp	Hypophthalmichthys molitrix
		Pucuk Pisang	Carp/Barb	Labiobarbus fasciatus
		Lomah	Carp/Barb	Labiobarbus ocellatus
		Jelawat	River Carp	Leptobarbus hoeveni
		Jenkua	Carp	Morulus chrysophekadion
		Kap Hitam	Black Carp	Mylopharyngodon piceus
		Sia	Carp	Mystacoleucus marginatus
		Terbol	Carp	Osteochilus hasseltii
		Lallang	Carp	Oxygaster anomala
		Bulu Ayam	Carp	Oxygaster spp.
		Temoleh, Temelian	Giant River Carp	Probarbus jullieni
		Putih, Tebal Sisek	Common Barb	Puntius binotatus
		Tengalan	Carp/Barb	Puntius bulu
		Kerai Kunyit	Carp/Barb	Puntius daruphani
		Lampam Jawa	Javanese Carp	Puntius gonionotus
		Bagoh	Spanner Barb	Puntius lateristriga
		Lampam Sungai	River Carp	Puntius schwartzei
		Susur Batang	Rasbora	Rasbora einthovenii
		Seluang	Two-spot Rasbora	Rasbora elegans
		Kelah	River Carp	Tor tambroides
	12 Cichlids	Tilapia	Tilapia	Tilapia mossambica
	13 Miscellaneous freshwater fishes	Puyu	Climbing Perch	Anabas tertudineus
		Tuna	River Eel	Anquilla bicolor/A. nebulosa
		Kepala Timah	White Spot	Aplocheilichthys panchax
		Lali-lali	Loach	Botia spp.
		Keli	Freshwater Catfish	Clarias batrachus/C. macrocephalus
		Limbat	Freshwater Catfish	Clarias nieuhofii
		Belut	Swamp Eel	Fluta alba
		Temakang	Kissing Gourami	Helostoma temminckii
		Susoh Batu	Loach	Homaloptera spp.
		Baug	River Catfish	Mystus nemurus
		Tengku Lolah	River Catfish	Mystus wyckii
		Belida	Feather back	Notopterus notopterus
		Kalui	Giant Gourami	Osphronemus goramy
		Bujuk	Snake Head	Ophicephalus lucius
		Toman	Snake Head	Ophicephalus micropeltes
		Haruan	Snake Head	Ophicephalus striatus
		Ketutu	Goby	Oxyeleotris marmoratus
		Lawang	River Catfish	Pangassius microneurus
		Patin	River Catfish	Pangassius pangassius
		Kepar, Patong	Perch	Pristigaster fasciatus
		Kelesa	Scleropages	Scleropages formosus
		Sepat Siam	Snakeskin Gouramy	Trichogaster pectoralis
		Sepat Padi	Two-spot Gouramy	Trichogaster trichopterus
		Tapah	Giant River Catfish	Wallago spp.
4 Crustaceans	41 Freshwater Crustaceans	Udang Galah	Giant Freshwater Prawn	Macrobrachium rosenbergii

SABAH & SARAWAK





PENGELUARAN IKAN MENGIKUT JENIS KUMPULAN IKAN, SABAH
PRODUCTION OF FISH BY GROUP OF SPECIES, SABAH
1974 – 1983

Jenis Kumpulan Ikan <i>Group of Species</i>	Kuantiti dalam '000 Tan M/ <i>Quantity in '000 Tonnes</i>									
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Freshwater fishes	1.016	1.016	1.000	1.300	1.500	1.700	1.800	2.000	2.200	2.500
Shads, mild fishes, etc.	1.829	1.829	1.500	0.300	0.400	1.000	0.200	0.300	0.300	0.400
Flounders, soles, etc.	1.016	1.016	1.000	0.100	0.500	0.400	0.300	0.300	0.400	0.400
Redfishes, basses, congers, etc.	4.572	4.877	4.500	6.300	7.300	8.200	7.000	7.500	7.500	6.000
Jacks, mullets, etc.	3.048	3.454	3.200	7.500	6.200	7.400	6.500	7.000	6.500	9.000
Herrings, sardines, anchovies, etc.	3.861	3.962	3.700	1.800	1.100	1.300	0.500	0.800	1.000	0.700
Tunas, bonitos, skipjacks	0.813	0.915	0.800	1.200	1.000	2.000	1.500	1.700	1.200	2.000
Mackerels, billfishes, etc.	2.133	2.235	2.000	7.400	11.000	6.500	6.000	7.000	8.500	9.000
Sharks, rays	1.930	1.829	1.700	0.700	0.500	1.700	0.800	1.000	1.000	0.600
Slipmouths (<i>Leiognathus</i> spp.)	3.048	3.353	3.000	0.400	0.600	0.400	0.800	0.900	0.800	1.200
Unsorted and unidentified fishes	3.048	2.946	2.600	1.500	1.200	1.200	0.800	1.700	2.400	4.300
Crustaceans	5.893	5.588	5.700	6.600	8.000	8.500	7.500	8.500	8.900	10.700 —
Molluscs	0.610	0.508	0.500	0.600	1.600	1.000	0.100	0.500	0.400	0.400 —
Beche de-mer, sea-urchins, etc.	0.102	0.102	0.100	0.100	0.200	0.300	0.300	0.300	0.400	0.400 —
Pearls, shells, corals, etc.	0.406	0.406	0.400	0.400	0.500	0.300	0.400	0.500	0.500	0.400 —
<i>Jumlah/Total</i>	33.325	34.036	31.700	36.200	41.600	41.900	34.500	40.000	42.000	48.000

NILAI IKAN YANG DIDARATKAN DI SABAH
VALUE OF FISH LANDED IN SABAH
1974 – 1983

Jenis Kumpulan Ikan <i>Group of Species</i>	Nilai dalam '000 ringgit Malaysia (<i>Value in '000 Malaysian \$</i>)									
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Freshwater fishes	2,000	2,600	2,800	3,700	4,270	5,620	6,000	6,800	8,000	11,400
Shads, milkfishes, etc.	900	1,500	1,380	280	380	1,000	200	300	300	450
Flounders, soles, etc.	1,200	1,600	1,760	180	900	760	600	600	800	800
Redfishes, basses, congers, etc.	6,040	7,900	8,150	11,780	14,000	17,910	16,500	18,000	18,500	15,000
Jacks, mullets, etc.	4,500	6,650	6,890	17,100	15,000	18,800	16,500	18,000	17,500	24,500
Herrings, sardines, anchovies, etc.	1,900	2,280	2,380	1,200	800	850	350	580	750	550
Tunas, bonitos, skipjacks	560	750	730	1,100	1,000	1,900	1,500	1,750	1,250	2,500
Mackerels, billfishes, etc.	3,360	4,220	4,220	15,700	23,700	17,200	16,000	19,000	25,000	26,500
Sharks, rays	1,140	1,300	1,350	560	400	1,680	800	1,000	1,050	650
Slipmouths (<i>Leiognathus</i> spp.)	1,350	1,730	1,730	240	400	400	850	970	900	1,350
Unsorted and unidentified fishes	480	700	690	400	300	400	300	650	1,000	1,800
Crustaceans	21,460	24,000	28,000	32,400	42,020	49,500	45,000	55,420	64,900	80,000
Molluscs	720	720	790	950	2,600	2,230	200	1,000	850	850
Beche de-mer, sea-urchins, etc.	50	60	70	80	250	400	400	400	550	600
Pearls, shells, corals, etc.	500	600	660	700	1,100	1,000	1,200	1,530	1,650	1,350
Jumlah/ <i>Total</i>	46,160	56,610	61,600	86,370	107,120	119,650	106,400	126,000	143,000	168,300

BILANGAN BOT-BOT PERIKANAN DI SABAH
NUMBER OF FISHING BOATS IN SABAH
 1962 – 1983

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
1980	5,800	900	2,230	2,670
1981	5,900	800	2,300	2,800
1982	6,050	650	2,400	3,000
1983	6,300	600	2,550	3,150

SABAH
BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS PERKAKAS DAN DAERAH, 1983
NUMBER OF LICENCES ISSUED BY TYPE OF GEAR AND DISTRICT, 1983

<i>District</i> <i>Type of Gear</i>	Tawau	Semporna	Sandakan	Lahad Datu	Beluran	Kudat	Kota Belud	Tuaran	Kota Kinabalu	Papar	Beaufort	Labuan	Kuala Penyu	TOTAL
Live Prawn	—	—	—	—	—	—	—	—	73	—	—	—	—	73
Kelong	25	16	80	11	5	19	—	—	7	—	3	56	—	222
Tugoh	27	—	—	—	—	—	—	—	—	—	—	—	—	27
Trawl	46	6	428	3	11	66	17	—	133	—	21	58	—	789
Pukat (Gill Net)	12	33	176	32	13	52	30	17	16	28	26	62	150	647
Purse Seine	1	30	10	7	—	—	—	—	13	—	—	2	1	64
Handline	2	28	8	46	—	22	9	—	2	20	—	43	14	194
Belat	—	—	2	—	—	—	—	—	—	—	—	—	—	2
Bagang	—	—	—	53	—	—	—	—	—	—	—	—	—	53
Selambau (Lift Net)	1	2	—	10	—	—	—	—	1	—	—	1	—	15
Bubu	—	—	7	14	13	5	—	—	—	—	—	6	3	48
Bintoh	—	—	6	1	—	—	—	—	—	—	—	—	3	10
Longline	—	1	19	—	—	4	—	1	—	—	—	—	—	25
Cast Net	—	—	—	—	16	—	—	—	—	—	—	—	—	16
Others	—	1	2	—	—	2	—	—	1	—	—	—	1	7
TOTAL	114	117	738	177	58	170	56	18	246	48	50	228	172	2,192

ANGGARAN BILANGAN NELAYAN DI SABAH
ESTIMATED NUMBER OF FISHERMEN IN SABAH
1966 – 1983

Tahun	Nelayan Penuh Masa <i>Full-Time Fishermen</i>	Nelayan Separuh Masa <i>Part-Time Fishermen</i>
1966	6,800	3,000
1967	6,500	3,000
1968	6,450	2,500
1969	6,550	2,500
1970	6,500	2,500
1971	6,500	2,500
1972	6,400	2,500
1973	8,284	2,853
1974	8,319	2,863
1975	8,300	2,900
1976	8,000	3,000
1977	8,320	2,860
1978	13,978	3,000
1979	15,110	2,500
1980*	15,400	2,600
1981*	15,450	3,000
1982	16,850	3,000
1983	16,900	3,000

* Perangkaan 1980 & 1981 telah dipinda.
Data for 1980 & 1981 are revised figures.

IMPORT DAN EKSPORT HASIL-HASIL PERIKANAN, SABAH, 1983
IMPORTS AND EXPORTS OF FISHERIES PRODUCTS, SABAH, 1983
(Kuantiti dalam Tan M./Quantity in Tonnes)

Description of Commodity	Commodity Code	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
Beche-de-mer	011891	Tonne	94.64	62,486	119.68	374,704
	012902					
Fish fry	034110	1000	104.36	30,269	101.41	4,474
Fish for aquaria	034120	1000	21,820.19	1,622,570	44.35	11,967
Tuna, fresh chilled or frozen	034131	Tonne	0.54	2,646	—	—
Sauries, fresh chilled or frozen	034232	Tonne	0.16	48	—	—
Other fish marine, fresh or chilled	034139	Tonne	38.59	175,558	166.40	2,296,613
Fish freshwater, fresh chilled or frozen	034140	Tonne	1.08	17,727	—	—
Other fish marine, frozen	034219	Tonne	79.29	484,753	688.32	8,996,294
Fishmaw	035031	Tonne	2.48	67,270	0.08	1,200
Sharks' fin, salted or dried not further prepared	035032	Tonne	14.31	643,190	0.99	15,279
Fish marine, salted or dried	03503910	Tonne	96.80	246,412	184.03	737,440
Fish freshwater, salted or dried	0350392	Tonne	0.52	4,947	—	—
Salmon smoked	035041	Kg.	783.16	26,384	—	—
Fish smoked except salmon	035049	Kg.	2,321.32	42,273	—	—
Prawns fresh chilled	036011	Tonne	17.60	36,820	334.68	3,381,907
Prawns fresh frozen	036012	Tonne	24.09	60,902	3,900.51	68,580,075
Crabs lobsters etc. fresh, chilled or frozen	036021	Tonne	7.94	60,373	39.56	174,055
Prawns, crabs, lobsters etc. salted, in brine, dried or boiled	036028	Tonne	3.12	33,133	0.02	360
Oyster fresh	036030	Tonne	17.06	274,470	0.53	13,464
Other molluscs fresh, chilled or frozen	036041	Tonne	21.03	200,618	0.01	304
Other molluscs salted, in brine	036048	Tonne	69.64	415,761	1.01	18,728
Fish boiled or steamed	037193	Tonne	5.42	14,663	3.49	17,325
Sardine canned	037111	Tonne	3,118.42	6,823,647	115.15	317,000
Herring and brisling canned	037112	Tonne	4.91	36,050	—	—
Pichards canned	037113	Tonne	0.01	129	—	—
Salmon canned	037114	Tonne	3.40	25,567	—	—
Fish paste and similar preparations	037192	Tonne	3.85	16,248	1.96	8,569
Sharks' fins prepared	037191	Tonne	0.57	30,493	0.02	400
Tuna canned	037116	Tonne	1.77	16,486	—	—
Fish preparations not canned	037199	Tonne	75.15	272,663	1.37	5,467
Sauries canned	037115	Tonne	1.70	11,314	—	—
Horse mackerels canned	037117	Tonne	49.78	120,726	0.71	2,142
Fish, others canned	037119	Tonne	789.58	4,039,744	7.00	26,343
Abalone canned	037211	Tonne	26.98	403,705	0.16	3,536
Prawns and shrimps (belachan) canned	037212	Tonne	141.33	590,809	0.01	88
Crabs canned	037213	Tonne	3.64	26,176	0.04	520
Cuttle fish canned	037214	Tonne	251.48	1,289,332	0.06	140
Preparations of crustacean and molluscs not canned	037220	Tonne	230.96	759,091	0.39	400
Preparations of crustacean and molluscs canned	037219	Tonne	201.22	907,749	—	—
Prawn dust	981422	Tonne	0.25	1,731	—	—
Fish meal	081421	Tonne	3,500.54	3,802,998	8.00	4,000
Flour meal of fish, crustaceans and molluscs	081429	Tonne	257.40	155,534	—	—
Fish molluscs and crustaceans and broths	09805920	Kg.	1,806.97	14,359	—	—
Tortoise shell unworked	291160	Tonne	0.05	534	0.04	164
Coral etc. unworked	291160	Tonne	51.87	19,756	99.94	145,767
Fish waste	291940	Tonne	0.71	430	13.22	10,183
Natural sponges	291970	Kg.	260.12	2,090	—	—
Turtle eggs	098081	100	—	—	365.00	10,300
Products of fish, crustaceans and molluscs not for human consumption	291991	Tonne	0.96	10,423	—	—
Sea grass	292922	Tonne	3.03	4,279	—	—
Sea-weed products	292981	Tonne	150.06	100,031	211.80	115,910
Pearls not set	667101	Value	—	—	—	639,031
Pearl fragments unworked	667109	Value	—	106	—	—
TOTAL			9,369.10	24,005,473	5,899.18	85,914,149

JADUAL (TABLE) 15.7

IMPORT DAN EKSPORT HASIL-HASIL PERIKANAN, SABAH
IMPORTS AND EXPORTS OF FISHERIES PRODUCTS, SABAH
1966 – 1983

(Kuantiti dalam Tan M./Quantity in Tonnes)

Tahun Year	Import/Import [@]		Export/Export [@]	
	Quantity	Value (M. \$)	Quantity	Value (M. \$)
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	29,695,961
1977	3,957	10,245,153	3,563	32,671,347
1978	5,195	11,766,881	3,801	34,745,661
1979	7,719	12,822,101	4,260	45,194,362
1980	11,136	21,966,287	3,588	35,127,434
1981	7,574	21,429,732	4,040	46,872,846
1982	7,706	22,375,152	4,219	56,657,408
1983	9,369	24,005,473	5,899	85,914,149

[@] Perangkaan Import dan Eksport telah dipinda.
 Data for Import and Export are revised figures.

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT BULAN, 1983
MONTHLY LANDINGS OF FISH AND PRAWN BY SPECIES, 1983
(Quantity in Tonnes)

Nama Tempatan <i>Local Name of Fish</i>	Nama Saintifik <i>Scientific Name</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Besar <i>Grand Total</i>
Lidah	Cynoglossus Spp.	18.54	9.23	9.41	4.21	3.81	4.74	6.71	5.47	5.02	3.89	6.71	4.74	82.48
Sebelah	Pseudorhombus Spp.	9.32	3.13	6.04	4.39	4.21	5.78	2.87	6.78	2.03	6.17	2.43	0.90	54.05
Daun Baharu	Drepane punctata	2.45	1.24	4.69	6.71	10.24	1.24	1.09	0.72	0.67	0.87	2.10	0.30	32.32
Duri (Jahan/Goh)	Tachysurus Spp./Arius Spp.	80.17	310.69	307.24	319.78	267.43	188.10	123.48	171.41	301.74	163.78	109.24	129.43	2,472.49
Gelama/Tengkerong	Sciaena Spp./Johnius Spp.	274.38	347.21	448.78	309.21	240.12	382.41	269.12	264.21	281.48	129.23	172.19	250.48	3,368.82
Jenahak	Lutianus argentimaculatus	12.43	10.89	6.72	13.81	10.58	14.72	20.42	14.63	13.42	—	—	2.43	120.05
Kaci	Spilotichthys pictus	4.89	6.42	—	—	6.73	7.52	—	—	2.42	4.32	—	—	32.30
Kerabu	Epinephelus Spp.	26.72	16.42	30.53	18.49	19.41	42.72	29.38	31.43	21.41	21.58	30.67	10.89	299.65
Kerisi	Nemipterus Spp.	12.91	20.47	38.17	28.68	36.43	27.41	21.48	23.44	47.87	37.89	27.47	16.72	338.94
Kikek	Leiognathus Spp./Gazza Spp.	17.42	13.23	10.42	21.39	25.42	26.07	25.03	15.23	10.74	9.38	11.42	14.39	200.14
Malong	Muraenox Spp.	43.38	97.21	232.48	160.38	78.49	63.42	38.42	29.78	45.12	58.42	30.27	14.78	892.15
Pelandok	Lethrinus miniatus F	—	—	—	10.24	8.21	6.19	—	13.41	3.21	—	—	—	41.26
Shrumbu (Senolong/Kapas)	Lactarius lactarius	5.23	18.39	15.42	16.97	11.28	18.32	10.42	12.39	5.42	6.38	7.46	4.32	132.00
Alu-alu, Kacang-kacang	Sphyaena Spp.	5.18	3.24	7.49	10.43	11.38	8.17	7.36	5.78	3.43	2.49	—	—	64.95
Bawal Putih/Dueh Putih	Pampus chinensis	39.58	132.89	158.42	130.97	141.78	139.72	60.41	138.24	118.28	109.70	58.10	15.83	1,243.92
Bawal/Dueh Putih (Bujang)	Pampus argenteus	40.58	12.83	26.43	24.42	47.30	28.42	70.69	30.12	34.21	22.10	40.43	10.41	387.94
Bawal Hitam/Dueh Hitam	Parastromateus niger	52.13	124.18	202.29	214.38	134.13	78.42	100.59	124.38	89.21	121.47	60.24	28.69	1,330.11
Belanak/Kedera	Mugil Spp.	8.47	4.32	16.73	2.48	2.97	2.24	30.48	1.67	0.47	0.71	1.30	2.03	73.87
Cermin/Sagai	Alectis indica/Caranx Spp.	5.89	2.82	7.49	14.65	27.48	66.57	29.47	32.48	30.23	39.52	47.13	21.32	325.05
Cincaru (Goronggong)	Megalaspis cordyla	8.24	25.47	30.41	29.87	20.39	8.41	30.28	10.36	12.59	43.21	50.12	22.38	291.73
Demuduk/Rambai	Caranx Spp.	14.38	10.38	32.48	18.38	12.34	14.23	15.68	17.23	21.39	14.33	10.10	10.31	191.23
Kurau/Senangin	Polynemus Spp.	40.18	42.29	58.14	73.49	86.25	78.99	90.23	102.40	89.43	67.28	72.39	51.48	852.55
Pelata/Selar	Caranx Spp.	12.81	39.42	56.21	17.43	8.76	40.24	5.67	15.38	21.41	20.30	13.47	16.24	267.34
Selar Kuning	Selaroides leptolepis	24.89	25.30	12.87	39.41	30.41	24.76	33.42	27.68	26.70	18.79	24.38	21.33	309.94
Selayang	Decapterus russelli	12.34	46.56	62.43	26.70	10.21	14.23	21.47	53.63	62.47	60.13	52.48	21.48	444.13
Talang	Dhorinemus Spp.	27.83	67.10	71.28	44.34	28.59	29.31	34.85	80.69	89.24	82.33	71.32	20.13	647.01
Bilis	Stolephorus Spp./Anchoviella	32.46	41.78	56.27	58.32	67.17	76.39	69.23	70.18	54.14	52.10	53.38	48.69	680.11
Bulan	Megalops cyprinoides	10.23	6.78	5.13	10.28	16.49	21.43	23.40	16.74	13.70	5.67	8.02	6.04	143.91
Parang-parang	Chirocentrus dorab	18.20	10.32	6.72	8.39	12.10	17.21	12.43	3.42	4.31	4.78	5.68	7.43	110.99
Tamban	Clupea Spp./Sardinella Spp.	7.21	29.38	54.32	49.17	30.17	27.48	21.38	23.58	31.17	39.73	38.56	41.24	393.39
Terubok	Clupea macrura	28.48	35.68	12.48	12.19	21.38	24.28	50.12	72.68	43.18	14.77	16.72	8.13	340.09
Tongkol/Kayu/Aya	Euthynnus Spp.	120.10	104.43	102.42	121.36	142.38	141.56	170.38	160.49	121.47	60.12	97.31	69.42	1,411.44
Semilang	Plososus Spp.	12.43	43.52	31.28	16.22	30.48	24.31	28.48	26.89	21.72	22.34	21.48	10.23	289.38
Kembong/Temenong	Rastrelliger kanagurta /R. neglectus	59.28	42.89	132.28	97.28	30.68	43.41	67.41	38.12	21.87	84.68	80.42	34.12	732.44
Tenggiri	Scomberomorus Spp.	178.34	329.47	249.78	243.39	210.88	350.21	489.71	193.28	279.38	138.47	108.74	124.69	2,896.34
Timah	Trichiurus Spp.	12.48	138.24	117.04	102.74	45.43	38.32	8.70	16.87	25.32	21.31	47.14	24.39	597.98

Yu	Galeorhinidae	89.74	93.24	141.88	203.24	194.59	221.32	163.47	150.25	150.74	110.38	103.93	119.38	1,742.16
Pari	Dasyatis Spp./Gymnura Spp.	169.21	142.58	121.33	142.58	97.47	161.73	103.48	162.13	89.42	78.53	63.48	70.27	1,402.21
Baja		510.37	531.78	580.38	543.78	660.27	700.24	884.29	622.97	543.17	480.15	553.43	353.43	6,964.26
Ikan Campur	Mixed Spp.	342.38	310.31	678.55	273.29	538.48	238.94	720.38	438.67	510.24	438.93	324.38	312.89	5,127.44
Kebasi/Selangat	Anodontosoma chacunda	2.14	8.93	12.14	17.59	16.78	12.38	20.38	17.63	19.20	13.43	9.22	8.30	158.12
Puput	Pellona Spp.	27.38	163.43	213.58	107.68	121.47	154.23	189.42	132.42	89.43	123.53	86.32	36.87	1,445.76
Jamah	Caranx Spp.	8.33	70.19	114.35	72.28	64.23	101.41	73.38	72.13	86.23	69.48	53.28	42.21	827.50
Perencong	Scaridae	12.47	20.38	18.99	28.93	21.38	31.58	32.53	28.42	37.18	32.38	18.87	20.47	303.58
Panjang	Pseudoseianena Spp.	17.38	16.72	48.69	52.48	31.28	28.17	47.97	50.23	38.45	24.28	49.54	23.55	428.74
Pelayak	Callyodontidae	3.24	0.68	4.21	7.33	8.42	6.45	9.39	6.72	13.48	15.38	8.67	6.74	90.71
Impirang	Setipinna taty	32.17	58.63	54.28	47.17	60.23	40.54	54.28	47.32	49.17	41.24	28.21	17.63	530.87
Bulu Ayam	Coillia Spp.	40.38	53.36	43.24	50.43	62.58	39.32	42.89	52.13	47.78	46.58	36.42	32.43	547.54
Lumi	Harpodon hehereus	24.56	27.50	19.35	38.13	28.21	23.29	32.45	23.28	17.84	18.63	10.42	8.52	272.18
Kilat	Pampus Spp.	8.32	16.53	30.57	69.38	42.83	30.17	18.39	32.53	39.12	36.88	36.10	10.24	371.06
Merah	Lutianus Spp.	12.43	32.58	78.69	42.23	67.18	100.42	101.38	42.47	73.58	108.17	63.83	12.38	735.34
Bulu	Polynemus borneensis	—	—	4.32	2.31	2.17	3.04	0.48	0.73	1.27	0.69	—	—	15.01
Pedukang		13.48	15.15	12.38	10.78	10.41	17.13	17.24	20.19	20.33	12.48	8.73	6.54	164.84
Empirit	Clupea macrura	10.41	14.22	13.39	9.37	16.39	12.34	9.39	4.33	14.53	8.22	4.39	—	116.98
Ubur-ubur (Jelly Fish)		678.43	2,310.56	2,267.54	2,897.10	1,358.63	—	—	1,178.42	869.43	970.30	970.96	—	13,501.37
Ketam	Seylla serrata	17.38	21.24	25.16	14.28	29.39	21.41	21.38	30.14	26.38	41.43	20.14	30.12	298.45
Ketam Laut/Ketam Suri	Portunus pelagicus	7.43	3.28	4.42	8.69	4.13	4.22	3.04	4.47	2.32	3.42	4.10	4.69	54.21
Udang Kerang	Panulirus polyhagus	1.23	0.83	2.14	1.67	1.58	2.73	1.78	3.42	2.11	2.21	0.67	1.38	21.75
Udang Lobak	Thenus orientalis	0.13	0.67	—	—	1.48	2.01	0.69	1.13	1.78	—	1.30	2.10	11.29
Udang/Siar	Penacus Spp./Metapenaeus Spp.	374.89	510.38	639.24	474.19	345.12	417.23	317.48	332.89	472.17	267.22	414.18	279.21	4,844.20
Udang/Payak	Parapenopsis Spp.	420.16	957.24	466.22	388.39	1,470.13	314.28	410.04	399.43	386.89	400.14	386.73	296.30	6,295.95
Udang Baring	Acetes Spp.	2.38	12.29	567.12	478.38	22.39	89.17	12.47	43.21	56.24	60.11	6.12	4.30	1,354.18
Udang Galah	Macrobrachium resenbergi	4.28	2.47	3.78	5.69	3.77	5.21	4.78	3.28	4.67	5.17	3.89	3.41	50.40
Sotong	Sepiidae	1.24	5.78	67.35	48.17	38.12	50.38	67.44	74.13	41.28	51.38	70.10	21.30	536.67
Kerang	Anadara Spp.	—	—	—	—	0.40	1.20	1.40	0.60	0.70	—	—	0.40	4.70
Tokoyong	*Mollusca	1.20	1.40	2.30	2.40	3.10	1.00	0.80	0.60	1.20	—	—	1.20	15.20
Lokan	*Mollusca	0.40	0.50	1.20	1.30	—	1.10	0.70	0.40	—	—	0.20	0.30	6.10
Ambal	*Mollusca	—	—	0.80	0.70	1.10	—	—	1.10	0.70	0.50	0.40	0.20	5.50
Ramin	*Mollusca	1.30	0.60	1.20	0.60	—	—	—	1.70	0.20	0.40	—	—	6.00
Biji Nangka	Upeneus Spp.	—	—	—	17.78	20.13	13.54	16.28	12.48	5.17	3.24	3.13	2.78	94.53
Aruan Tasik	Rachycentron candus	—	—	—	0.10	—	0.34	0.12	—	0.40	—	—	—	0.96
Jumlah Tan Metrik		4,114.39	7,577.27	8,859.08	8,338.97	7,235.35	4,933.47	5,399.85	5,843.14	5,668.67	4,953.12	4,720.01	2,794.93	70,438.25
Total Tonnes														

*Nama Kumpulan/Family Name

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 1983
LANDINGS OF MARINE FISH AND PRAWN BY GEAR GROUPS AND SPECIES, 1983
 (Kuantiti dalam T. Metrik/*Quantity in Tonnes*)

Nama Tempatan <i>Local Name of Fish</i>	Nama Saintifik <i>Scientific Name</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat Jenis Tarik <i>Seine Nets</i>	Pukat Jenis Hanyut Drift/Gill Nets	Belat <i>Fishing Stakes</i>	Tali Kail <i>Hooks and Lines</i>	Perangkap <i>Traps</i>	Pukat Jenis Berpundi <i>Bag Nets</i>	Pukat Jenis Surung Push/Scoop /Lift Nets	Pukat Jenis Rentang <i>Barrier Nets</i>	Memungut Siput Shellfish Collection	Rampaian <i>Miscellaneous</i>	Jumlah Besar <i>Grand Total</i>
Lidah	Cynoglossus Spp.	54.38	1.01	20.04	0.22	2.30	—	0.12	—	4.41	—	—	82.48
Sebelah	Pseudorhombus Spp.	37.88	—	16.17	—	—	—	—	—	—	—	—	54.05
Daun Baharu	Drepane punctata	15.90	—	9.31	—	7.11	—	—	—	—	—	—	32.32
Duri (Jahan/Goh)	Tachysurus Spp./Arius Spp.	1,162.73	8.93	1,145.69	12.48	100.16	—	2.40	—	40.10	—	—	2,472.49
Gelama/Tengkerong	Sciaena Spp./Johnius Spp.	2,409.55	139.42	689.18	66.11	3.67	—	—	—	60.89	—	—	3,368.82
Jenahak	Lutianus argentimaculatus	107.00	—	10.05	3.00	—	—	—	—	—	—	—	120.05
Kaci	Spilotichthys pictus	28.73	—	3.57	—	—	—	—	—	—	—	—	32.30
Kerapu	Epinephelus Spp.	42.38	2.99	151.61	—	102.67	—	—	—	—	—	—	299.65
Kerisi	Nemipterus Spp.	319.57	—	—	—	19.37	—	—	—	—	—	—	338.94
Kikek	Leiognathus Spp./Gazza Spp.	172.33	—	16.31	1.21	—	—	—	—	10.29	—	—	200.14
Malong	Muraenesox Spp.	739.94	—	149.38	2.83	—	—	—	—	—	—	—	892.15
Pelandok	Lethrinus miniatus F.	—	—	—	—	32.81	—	—	—	8.45	—	—	41.26
Shrumbu (Senolong/Kapas)	Lactarius lactarius	121.92	—	5.08	—	5.00	—	—	—	—	—	—	132.00
Alu-alu, Kacang-kacang	Sphyræna Spp.	32.17	1.20	24.18	3.60	3.80	—	—	—	—	—	—	64.95
Bawal Putih/Dueh Putih	Pampus chinensis	352.68	19.73	862.89	8.62	—	—	—	—	—	—	—	1,243.92
Bawal/Dueh Putih (Bujang)	Pampus argenteus	173.51	4.89	201.50	4.21	—	—	—	2.13	1.70	—	—	387.94
Bawal Hitam/Dueh Hitam	Parastromateus niger	320.18	679.24	296.53	34.16	—	—	—	—	—	—	—	1,330.11
Belanak/Kedera	Mugil Spp.	57.24	3.17	13.46	—	—	—	—	—	—	—	—	73.87
Cermin/Sagai	Alectis indica/Caranx Spp.	310.28	—	14.77	—	—	—	—	—	—	—	—	325.05
Cincaru (Goronggong)	Megalaspis cordyla	202.43	76.43	10.24	2.63	—	—	—	—	—	—	—	291.73
Demuduk/Rambai	Caranx Spp.	119.28	—	12.48	—	59.47	—	—	—	—	—	—	191.23
Kurau/Senangin	Polynemus Spp.	2.32	0.40	674.93	151.40	3.40	—	—	—	20.10	—	—	852.55
Pelata/Selar	Caranx Spp.	10.14	240.59	10.78	—	5.83	—	—	—	—	—	—	267.34
Selar Kuning	Selaroides leptolepis	43.10	256.16	4.78	—	5.90	—	—	—	—	—	—	309.94
Selayang	Decapterus russelli	382.56	—	9.40	—	52.17	—	—	—	—	—	—	444.13
Talang	Chorinemus Spp.	61.28	—	560.26	20.17	5.30	—	—	—	—	—	—	647.01
Bilis	Stolephorus Spp./Anchoviella	168.20	101.17	262.17	67.10	—	—	30.00	—	51.47	—	—	680.11
Bulan	Megalops cyprinoides	71.82	—	72.09	—	—	—	—	—	—	—	—	143.91
Parang-parang	Chirocentrus dorab	22.04	10.48	77.00	1.47	—	—	—	—	—	—	—	110.99
Tamban	Clupea Spp./Sardinella Spp.	3.16	348.59	34.41	7.23	—	—	—	—	—	—	—	393.39
Terubok	Clupea macrura	40.18	4.17	284.39	8.92	2.43	—	—	—	—	—	—	340.09
Tongkol/Kayu/Aya	Euthynnus Spp.	150.73	178.78	869.33	2.43	210.17	—	—	—	—	—	—	1,411.44
Semilang	Plotosus Spp.	3.17	—	91.27	81.43	41.17	—	2.17	—	70.17	—	—	289.38
Kembong/Temenong	Rastrelliger kanagurta/R. nec	70.21	523.10	121.36	4.18	3.17	—	—	10.42	—	—	—	732.44
Tenggiri	Scomberomorus Spp.	728.16	10.24	1,987.70	2.30	167.94	—	—	—	—	—	—	2,896.34
Timah	Trichiurus Spp.	217.28	—	369.81	4.17	6.72	—	—	—	—	—	—	597.98

Yu	Galeorhinidae	592.39	1.73	918.88	22.47	203.91	—	—	—	2.78	—	—	1,742.16
Pari	Dasyatis Spp./Gymnura Spp.	1,024.97	—	248.94	20.12	101.42	—	2.17	—	4.59	—	—	1,402.21
Baja		6,840.54	—	20.17	57.87	—	—	27.89	—	17.79	—	—	6,964.26
Ikan Campur	Mixed Spp.	2,774.49	849.20	921.73	314.59	47.13	—	19.17	—	201.13	—	—	5,127.44
Kebasi/Selangat	Anodontosoma chacunda	7.21	7.16	138.58	—	—	—	—	—	5.17	—	—	158.12
Puput	Pellona Spp.	47.16	13.48	1,202.83	179.78	—	—	—	—	2.51	—	—	1,445.76
Jamah	Caranx Spp.	192.10	462.29	10.21	0.73	—	—	—	162.17	—	—	—	827.50
Perencong	Scaridae	2.10	—	286.44	3.14	11.17	—	—	—	0.73	—	—	303.58
Panjang	Pseudoselanena Spp.	10.14	—	234.17	172.19	10.10	—	—	—	2.14	—	—	428.74
Pelayak	Callyodontidae	5.10	0.47	83.93	1.21	—	—	—	—	—	—	—	90.71
Impirang	Setipinna taty	62.89	10.49	241.32	216.17	—	—	—	—	—	—	—	530.87
Bulu Ayam	Coillia Spp.	12.13	1.47	221.20	307.57	—	—	2.99	—	2.18	—	—	547.54
Lumi	Harpodon hehereus	210.97	—	22.63	32.47	—	—	2.19	—	3.92	—	—	272.18
Kilat	Pampus Spp.	62.32	1.74	285.31	21.69	—	—	—	—	—	—	—	371.06
Merah	Lutianus Spp.	478.29	—	10.17	241.14	—	—	—	—	5.74	—	—	735.34
Bulu	Polynemus borneensis	0.17	—	8.05	6.21	—	—	0.41	—	0.17	—	—	15.01
Pedukang		39.41	—	106.60	1.70	17.13	—	—	—	—	—	—	164.84
Empirit	Clupea macrura	14.13	—	73.62	29.23	—	—	—	—	—	—	—	116.98
Ubur-ubur (Jelly Fish)		728.92	—	1,214.89	—	—	—	7,268.40	1,272.99	3,016.17	—	—	13,501.37
Ketam	Seylla serrata	—	—	—	—	—	298.45	—	—	—	—	—	298.45
Ketam Laut/Ketam Suri	Portunus pelagicus	52.01	—	2.20	—	—	—	—	—	—	—	—	54.21
Udang Kerang	Panulirus polyhagus	—	—	10.19	—	—	11.56	—	—	—	—	—	21.75
Udang Lobak	Theraps orientalis	11.29	—	—	—	—	—	—	—	—	—	—	11.29
Udang/Siar	Penacus Spp./Metapenaeus Spp.	3,696.49	2.17	1,024.13	—	—	—	101.41	—	20.00	—	—	4,844.20
Udang/Payak	Parapenopsis Spp.	3,755.62	—	101.19	—	—	—	2,417.36	—	21.78	—	—	6,295.95
Udang Baring	Acetes Spp.	121.47	—	—	—	—	—	210.17	1,022.54	—	—	—	1,354.18
Udang Galah	Macrobrachium resenbergi	—	—	—	—	—	2.18	—	—	—	—	48.22	50.40
Sotong	Sepiidae	536.67	—	—	—	—	—	—	—	—	—	—	536.67
Kerang	Anadara Spp.	—	—	—	—	—	—	—	—	—	4.70	—	4.70
Tokoyong	*Mollusca	—	—	—	—	—	—	—	—	—	15.20	—	15.20
Lokan	*Mollusca	—	—	—	—	—	—	—	—	—	6.10	—	6.10
Ambal	*Mollusca	—	—	—	—	—	—	—	—	—	5.50	—	5.50
Ramin	*Mollusca	—	—	—	—	—	—	—	—	—	6.00	—	6.00
Biji Nangka	Upeneus Spp.	81.75	—	—	12.78	—	—	—	—	—	—	—	94.53
Aruan Tasik	Rehychentron candus	0.96	—	—	—	—	—	—	—	—	—	—	0.96
Jumlah Tan Metrik Total Tonne		30,116.12	3,960.89	16,469.50	2,130.93	1,231.42	312.19	10,086.85	2,470.25	3,574.38	37.50	48.22	70,438.25

*Nama Kumpulan/Family Name.

PENDARATAN IKAN LAUT DAN UDANG MENGIKUT KUMPULAN PERKAKAS, SARAWAK
MARINE FISH AND PRAWN LANDINGS BY GEAR GROUP, SARAWAK

1979 – 1983

(Kuantiti dalam Tan Metrik – Quantity in Tonnes)

Kumpulan Perkakas/ <i>Gear Group</i>	1979	1980	1981	1982	1983
Pukat-pukat Tunda <i>Trawl Nets</i>	58,839.57	52,283.55	42,008.34	37,592.34	30,116.12
Jaring-jaring Hanyut <i>Drift/Gill Nets</i>	12,034.00	10,962.49	16,303.23	18,769.41	16,469.50
Belat-belat <i>Fishing Stakes</i>	2,356.14	2,294.80	1,002.72	1,557.06	2,130.93
Pukat-pukat Tarik <i>Seine Nets</i>	907.62	528.07	1,344.29	2,415.24	3,960.89
Pukat-pukat Tangguk/Surung <i>Scoop/Push/Lift Nets</i>	243.01	239.50	303.04	606.07	2,470.25
Pukat-pukat Bakul <i>Bag Nets</i>	5,081.55	8,875.44	4,444.73	2,916.09	10,086.85
Pukat-pukat Rentang <i>Barrier Nets</i>	857.65	749.00	943.73	3,971.66	3,574.38
Pancing <i>Hooks/Lines</i>	1,297.88	648.40	1,427.88	1,067.27	1,231.42
Bubu <i>Traps</i>	239.99	212.76	234.84	298.64	312.19
Jala <i>Cast Nets</i>	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	3.87	3.39	2.61	139.94	37.50
Rampaian <i>Miscellaneous</i>	432.06	272.35	27.72	6.05	48.22
JUMLAH/TOTAL	82,293.34	77,069.75	68,043.13	69,339.77	70,438.25

SARAWAK
 BILANGAN NELAYAN MENGIKUT BAHAGIAN, 1983
 NUMBER OF FISHERMEN BY DIVISION, 1983

Kawasan <i>Geographical Locations</i>	Nelayan-nelayan/ <i>Fishermen</i>			Peniaga Ikan <i>Fish Dealers</i>	Jumlah Besar <i>Grand Total</i>
	Penuh Masa <i>Full-Time</i>	Separuh Masa <i>Part-Time</i>	Jumlah <i>Total</i>		
First Division (<i>West</i>)	229	170	399	11	410
First Division (<i>East</i>)	1,784	733	2,517	145	2,662
Second Division	1,541	407	1,948	72	2,020
Third Division	1,081	718	1,799	122	1,921
Fourth Division (<i>Bintulu</i>)	255	120	375	25	400
Fourth Division (<i>Miri</i>)	913	198	1,111	59	1,170
Fifth Division	569	73	642	15	657
Sixth Division	1,555	1,437	2,992	70	3,062
TOTAL	7,927	3,856	11,783	519	12,302

SARAWAK
BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS PERKAKAS DAN BAHAGIAN, 1983
NUMBER OF FISHING LICENSED ISSUED BY TYPE OF GEAR AND DIVISION, 1983

<i>Perkakas-perkakas Fishing Gears</i>	<i>Pukat-pukat Tunda Trawl Nets</i>	<i>Pukat-pukat Tarik Seine Nets</i>	<i>Pukat-pukat Hanyut Drift/Gill Nets</i>	<i>Belat-belat Fishing Stakes</i>	<i>Pancing Hooks and Lines</i>	<i>Perangkap-perangkap Traps</i>	<i>Pukat-pukat Bakul Bag Nets</i>	<i>Pukat-pukat Surung Push/Scoop/ Lift Nets</i>	<i>Pukat-pukat Rentang Barrier Nets</i>	<i>Rampaian Miscellaneous</i>	<i>Jumlah Total</i>
<i>Kawasan Geographical Locations</i>											
First Division (<i>West</i>)	33	4	789	116	8	29	3	—	164	5	1,151
First Division (<i>East</i>)	37	17	924	56	3	10	126	—	115	15	1,303
Second Division	91	3	1,045	10	83	—	437	—	127	—	1,796
Third Division	208	1	560	—	11	—	—	—	—	—	780
Fourth Division (<i>Bintulu</i>)	53	—	62	—	35	—	—	2	—	—	152
Fourth Division (<i>Miri</i>)	90	8	153	—	552	—	—	—	—	—	803
Fifth Division	—	30	161	57	—	695	—	22	41	—	1,006
Sixth Division	196	—	768	—	40	2	425	—	93	1	1,525
TOTAL	708	63	4,462	239	732	736	991	24	540	21	8,516

BILANGAN PERAHU-PERAHU BERJENTERA DAN TIADA BERJENTERA DI SARAWAK
NUMBER OF POWERED AND NON-POWERED FISHING CRAFTS IN SARAWAK
 1973 – 1983

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

JADUAL (TABLE) 16.7 — (samb.) (cont.)

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and quantity	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Marine fish, fresh, chilled</i>	<i>Tonnes</i>				
Pen. Malaysia		—	—	—	—
Sabah		2.86	22,232	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
TOTAL		2.86	22,232	—	—
<i>Marine fish, fresh, frozen</i>	<i>Tonnes</i>				
Pen. Malaysia		906.18	1,500,400	29.96	77,642
Sabah		18.15	63,841	—	—
Brunei		—	—	50.43	160,979
Singapore		260.23	808,874	92.16	355,929
Indonesia		55.64	396,065	—	—
Thailand		53.18	127,868	—	—
Hong Kong		15.80	74,424	—	—
Japan		2.08	12,750	—	—
Australia		0.47	7,763	—	—
New Zealand		15.63	41,234	—	—
U.S.A.		0.49	3,544	—	—
Others		20.01	106,301	—	—
TOTAL		1,347.86	3,143,064	172.55	594,550
<i>Fish fillets, fresh or chilled</i>	<i>Tonnes</i>				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	0.04	120
Singapore		0.10	429	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		0.05	867	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.03	334	—	—
TOTAL		0.18	1,630	0.04	120

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
**IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983**

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Fish fillets, frozen</i>	<i>Tonnes</i>				
Pen. Malaysia		5.10	12,360	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.08	384	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		0.18	2,324	—	—
New Zealand		0.50	4,397	—	—
U.S.A.		0.32	3,928	—	—
Others		0.49	6,280	—	—
TOTAL		6.67	29,673	—	—
<i>Fishmaws, salted, dried or in brine</i>	<i>Tonnes</i>				
Pen. Malaysia		0.03	280	0.50	8,400
Sabah		—	—	—	—
Brunei		—	—	0.03	30
Singapore		0.23	1,925	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		0.06	1,746	—	—
Japan		0.02	156	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		1.13	4,386	—	—
TOTAL		1.47	8,493	0.53	8,430
<i>Sharks' fins, salted, dried or in brine</i>	<i>Tonnes</i>				
Pen. Malaysia		1.73	36,710	0.02	1,500
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		1.73	30,249	0.05	592
Indonesia		3.16	21,925	—	—
Thailand		—	—	—	—
Hong Kong		1.68	30,882	—	—
Japan		0.27	3,517	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		14.85	85,178	—	—
TOTAL		23.42	208,461	0.07	2,092

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, DESTINATI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Marine fish, salted, dried or in brine</i>	<i>Tonnes</i>				
Pen. Malaysia		815.54	3,411,641	3.33	16,428
Sabah		75.32	470,933	—	—
Brunei		—	—	5.34	10,868
Singapore		326.54	1,521,441	0.56	486
Indonesia		7.09	35,490	—	—
Thailand		2.38	9,184	—	—
Hong Kong		1.36	5,833	—	—
Japan		1.50	7,950	—	—
Australia		0.16	2,295	—	—
New Zealand		0.52	3,435	—	—
U.S.A		—	—	—	—
Others		6.32	29,213	*	17
TOTAL		1,236.73	5,497,415	9.23	27,799
<i>Smoked salmon</i>	<i>Tonnes</i>				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		0.02	931	—	—
Hong Kong		—	—	—	—
Japan		*	38	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.07	3,127	—	—
Others		0.02	357	—	—
TOTAL		0.11	4,453	—	—
<i>Fish smoked except salmon</i>	<i>Tonnes</i>				
Pen. Malaysia		29.25	108,480	0.73	4,420
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		1.06	4,098	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.67	9,904	—	—
Australia		0.01	245	—	—
New Zealand		—	—	—	—
U.S.A		0.01	204	—	—
Others		0.09	1,229	—	—
TOTAL		31.09	124,160	0.73	4,420

* Kurang daripada 0.01 Tan M.
 Less than 0.01 Tonne

JADUAL (TABLE) 16.7 – (samb.) (cont.)

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Prawns, fresh, chilled</i>	<i>Tonnes</i>				
Pen. Malaysia	—	—	—	—	—
Sabah		0.43	5,600	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
TOTAL		0.43	5,600	—	—
<i>Prawns, fresh, frozen</i>	<i>Tonnes</i>				
Pen. Malaysia		0.12	1,365	76.19	626,795
Sabah		0.38	4,322	0.21	1,470
Brunei		—	—	0.30	825
Singapore		—	—	106.76	1,111,416
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	20.81	80,486
Japan		—	—	1,101.76	12,035,899
Australia		—	—	35.77	717,165
New Zealand		—	—	—	—
U.S.A.		—	—	167.78	1,851,264
Others		—	—	10.56	74,195
TOTAL		0.50	5,687	1,520.14	16,499,515
<i>Prawns, salted, dried or simply boiled</i>	<i>Tonnes</i>				
Pen. Malaysia		35.70	277,389	1.29	11,357
Sabah		—	—	0.08	820
Brunei		—	—	3.14	10,410
Singapore		2.55	14,098	9.34	43,242
Indonesia		0.31	1,846	—	—
Thailand		5.35	32,037	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	16.35	189,159
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.23	1,150	*	10
TOTAL		44.14	326,520	30.20	254,998

* Kurang daripada 0.01 Tan M.
 Less than 0.01 Tonne.

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Other prawns, n.e.s.</i>	<i>Tonnes</i>				
Pen. Malaysia		0.08	500	—	—
Sabah		15.13	299,024	—	—
Brunei		—	—	—	—
Singapore		0.07	353	4.84	57,630
Indonesia		—	—	—	—
Thailand		0.03	1,383	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	0.80	15,576
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	6.47	106,780
TOTAL		15.31	301,260	12.11	179,986
<i>Crabs, lobsters, prawns etc. fresh, chilled or frozen</i>	<i>Tonnes</i>				
Pen. Malaysia		6.92	36,506	—	60
Sabah		43.94	167,720	—	—
Brunei		—	—	0.97	1,940
Singapore		2.08	5,455	—	—
Indonesia		2.23	4,880	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.23	1,420	—	—
Australia		0.40	12,263	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
TOTAL		55.80	218,044	0.97	2,000
<i>Crabs, lobsters, prawns etc. salted, dried or simply boiled</i>	<i>Tonnes</i>				
Pen. Malaysia		5.39	43,151	—	—
Sabah		0.25	300	—	—
Brunei		—	—	*	25
Singapore		7.18	20,452	—	—
Indonesia		—	—	—	—
Thailand		2.90	29,929	—	—
Hong Kong		2.72	27,102	—	—
Japan		0.92	11,573	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		20.46	154,739	—	—
TOTAL		39.82	287,246		25

* Kurang daripada 0.01 Tan M.
 Less than 0.01 Tonne.

JADUAL (TABLE) 16.7 — (samb.) (cont.)

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of Quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Oysters, fresh</i>	<i>Tonnes</i>				
Pen. Malaysia		0.47	3,119	0.21	1,680
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		0.05	415	—	—
Japan		0.83	6,438	—	—
Australia		1.58	12,539	—	—
New Zealand		0.12	1,424	—	—
U.S.A.		—	—	—	—
Others		1.28	8,697	—	—
TOTAL		4.33	32,632	0.21	1,680
<i>Other molluscs, fresh, chilled or frozen</i>	<i>Tonnes</i>				
Pen. Malaysia		326.62	581,328	—	—
Sabah		0.11	644	—	—
Brunei		—	—	20.75	41,483
Singapore		10.45	42,637	—	—
Indonesia		0.05	50	—	—
Thailand		1.14	5,430	—	—
Hong Kong		0.06	1,144	—	—
Japan		24.36	154,325	—	—
Australia		3.74	55,029	—	—
New Zealand		7.17	19,609	—	—
U.S.A.		0.13	740	—	—
Others		19.81	52,398	—	—
TOTAL		393.64	913,334	20.75	41,483
<i>Other molluscs, salted, dried or simply boiled</i>	<i>Tonnes</i>				
Pen. Malaysia		22.03	196,949	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		10.49	67,723	2.00	12,706
Indonesia		0.96	9,541	—	—
Thailand		6.07	68,915	—	—
Hong Kong		3.90	31,561	—	—
Japan		4.57	50,053	—	—
Australia		—	—	—	—
New Zealand		4.40	12,232	—	—
U.S.A.		—	—	—	—
Others		77.04	781,836	—	—
TOTAL		129.46	1,218,810	2.00	12,706

JADUAL (TABLE) 16.7 — (samb.) (cont.)

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of Commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Other molluscs, n.e.s.</i>	<i>Tonnes</i>				
Pen. Malaysia		114.03	204,192	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		2.67	14,536	—	—
Indonesia		0.50	1,000	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.42	3,856	—	—
Australia		—	—	—	—
New Zealand		8.70	28,710	—	—
U.S.A.		—	—	—	—
Others		0.28	700	—	—
TOTAL		126.60	252,994	—	—
<i>Other edible products of animal origin n.e.s. including preserved jelly fish</i>	<i>Tonnes</i>				
Pen. Malaysia		8.40	42,000	120.19	697,126
Sabah		—	—	0.25	1,202
Brunei		—	—	—	—
Singapore		—	—	64.30	419,311
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	18.05	119,872
Japan		—	—	702.90	4,907,685
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
TOTAL		8.40	42,000	905.69	6,145,196
<i>Sardines canned</i>	<i>Tonnes</i>				
Pen. Malaysia		—	—	—	—
Sabah		—	—	0.10	939
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		2.01	3,161	—	—
Australia		0.10	649	—	—
New Zealand		—	—	—	—
U.S.A.		0.01	69	—	—
Others		18.78	95,457	—	—
TOTAL		20.90	99,336	0.10	939

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Herrings and brislings canned</i>	<i>Tonnes</i>				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.04	553	—	—
Australia		0.02	185	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.07	290	—	—
TOTAL		0.13	1,028	—	—
<i>Salmon canned</i>	<i>Tonnes</i>				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.06	250	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.33	859	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		1.06	3,997	—	—
Others		0.58	4,267	—	—
TOTAL		2.03	9,373	—	—
<i>Sauries canned</i>	<i>Tonnes</i>				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.01	254	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
TOTAL		0.01	254	—	—

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Tuna canned</i>	<i>Tonnes</i>				
Pen. Malaysia		1.44	9,735	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		0.08	502	—	—
Hong Kong		—	—	—	—
Japan		0.10	1,413	—	—
Australia		0.67	1,361	—	—
New Zealand		0.04	606	—	—
U.S.A.		2.46	8,815	—	—
Others		0.01	156	—	—
TOTAL		4.80	22,588	—	—
<i>Horse mackerels canned</i>	<i>Tonnes</i>				
Pen. Malaysia		95.03	213,630	—	—
Sabah		—	—	0.07	246
Brunei		—	—	—	—
Singapore		4.14	11,409	—	—
Indonesia		—	—	0.52	800
Thailand		0.06	210	—	—
Hong Kong		—	—	—	—
Japan		1,493.25	3,551,450	—	—
Australia		0.20	583	—	—
New Zealand		—	—	—	—
U.S.A.		2.76	5,429	—	—
Others		118.68	235,157	—	—
TOTAL		1,714.12	4,017,868	0.59	1,046
<i>Fish and fish preparations, canned</i>	<i>Tonnes</i>				
Pen. Malaysia		645.22	2,522,259	2.52	8,578
Sabah		—	—	2.24	11,335
Brunei		—	—	—	—
Singapore		2.14	11,766	4.09	17,130
Indonesia		—	—	—	—
Thailand		87.29	284,627	—	—
Hong Kong		0.21	886	—	—
Japan		1.43	7,885	—	—
Australia		0.42	2,549	—	—
New Zealand		0.01	135	—	—
U.S.A.		0.15	1,472	—	—
Others		181.86	746,544	—	—
TOTAL		918.73	3,578,123	8.85	37,043

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Sharks' fins prepared, not canned</i>	<i>Tonnes</i>				
Pen. Malaysia		0.30	7,143	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.20	6,770	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		0.75	11,744	—	—
Japan		0.03	1,275	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.02	824	—	—
TOTAL		1.30	27,756	—	—
<i>Fish paste and similar preparations, not canned</i>	<i>Tonnes</i>				
Pen. Malaysia		1.47	2,282	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		5.38	9,301	—	—
Indonesia		9.51	3,360	—	—
Thailand		7.77	10,105	—	—
Hong Kong		—	—	—	—
Japan		—	47	—	—
Australia		0.50	1,920	—	—
New Zealand		—	—	—	—
U.S.A.		0.08	248	—	—
Others		0.12	389	—	—
TOTAL		24.83	27,652	—	—
<i>Fish preparations not canned, n.e.s.</i>	<i>Tonnes</i>				
Pen. Malaysia		23.92	111,670	—	—
Sabah		—	—	—	—
Brunei		—	—	0.10	300
Singapore		20.60	61,656	—	—
Indonesia		0.70	300	—	—
Thailand		126.31	351,502	—	—
Hong Kong		—	—	—	—
Japan		0.86	8,429	—	—
Australia		—	—	—	—
New Zealand		0.31	2,887	—	—
U.S.A.		0.28	2,028	—	—
Others		4.28	14,739	—	—
TOTAL		177.26	553,211	0.10	300

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Abalone canned</i>	<i>Tonnes</i>				
Pen. Malaysia		*	38	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.75	10,915	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		0.42	3,858	—	—
Japan		0.82	11,131	—	—
Australia		9.48	190,664	—	—
New Zealand		3.17	55,710	—	—
U.S.A.		0.26	8,640	—	—
Others		1.30	28,330	—	—
TOTAL		16.20	309,286	—	—
<i>Prawns and shrimps canned</i>	<i>Tonnes</i>				
Pen. Malaysia		100.45	464,020	0.13	346
Sabah		—	—	0.68	2,470
Brunei		—	—	0.24	840
Singapore		4.23	16,760	—	—
Indonesia		—	—	—	—
Thailand		0.11	1,315	—	—
Hong Kong		—	—	—	—
Japan		1.57	5,134	—	—
Australia		0.03	124	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		4.62	11,247	—	—
TOTAL		111.01	498,600	1.05	3,656
<i>Crabs canned</i>	<i>Tonnes</i>				
Pen. Malaysia		0.36	2,619	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		5.37	31,928	—	—
Hong Kong		—	—	—	—
Japan		0.22	2,793	—	—
Australia		0.01	152	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.04	241	—	—
TOTAL		6.00	37,733	—	—

* Kurang daripada 0.01 Tan M.

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Cuttlefish canned</i>	<i>Tonnes</i>				
Pen. Malaysia		94.58	424,109	—	—
Sabah		—	—	0.70	4,605
Brunei		—	—	—	—
Singapore		94.04	609,829	—	—
Indonesia		—	—	—	—
Thailand		110.52	743,585	—	—
Hong Kong		0.40	1,502	—	—
Japan		9.53	13,998	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.29	524	—	—
Others		0.41	1,772	—	—
TOTAL		309.77	1,795,319	0.70	4,605
<i>Other crustaceans and molluscs prepared or preserved canned, n.e.s.</i>	<i>Tonnes</i>				
Pen. Malaysia		217.06	788,944	—	—
Sabah		—	—	4.23	13,817
Brunei		—	—	1.13	4,200
Singapore		0.65	3,367	—	—
Indonesia		—	—	—	—
Thailand		1.89	4,913	—	—
Hong Kong		0.06	350	—	—
Japan		1.86	17,012	—	—
Australia		0.23	1,845	—	—
New Zealand		0.11	2,575	—	—
U.S.A.		0.95	4,895	—	—
Others		62.15	194,910	—	—
TOTAL		284.96	1,018,811	5.36	18,017
<i>Preparation or preservation of crustaceans and molluscs not canned</i>	<i>Tonnes</i>				
Pen. Malaysia		6.03	38,924	7.13	105,191
Sabah		—	—	—	—
Brunei		—	—	5.78	8,775
Singapore		19.80	92,336	11.57	148,486
Indonesia		0.15	410	—	—
Thailand		27.76	114,335	—	—
Hong Kong		0.64	2,961	—	—
Japan		2.74	15,713	—	—
Australia		—	—	384.10	4,552,068
New Zealand		0.12	2,916	—	—
U.S.A.		0.11	825	—	—
Others		3.52	20,962	75.74	646,966
TOTAL		60.87	289,382	484.32	5,461,486

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1983**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1983

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Belacan</i>	<i>Tonnes</i>				
Pen. Malaysia		188.99	233,988	—	—
Sabah		—	—	0.25	1,178
Brunei		—	—	—	—
Singapore		0.06	187	—	—
Indonesia		111.42	47,145	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
TOTAL		300.47	281,320	0.25	1,178
<i>Grand Total</i>	<i>Tonnes</i>				
Pen. Malaysia		3,652.44	11,275,731	242.20	1,559,523
Sabah		156.57	1,024,616	8.81	38,082
Brunei		—	—	88.25	240,795
Singapore		776.45	3,363,102	295.67	2,166,928
Indonesia		192.78	525,910	0.52	800
Thailand		438.23	1,818,699	—	—
Hong Kong		28.11	194,408	38.86	200,358
Japan		1,550.67	3,903,087	1,804.66	16,943,584
Australia		18.25	293,357	437.02	5,473,968
New Zealand		40.80	175,870	—	—
U.S.A.		9.43	48,485	167.78	1,851,264
Others		558.48	2,588,083	92.77	827,968
TOTAL		7,422.21	25,211,348	3,176.54	29,303,270

JADUAL (TABLE) 16.8

IMPORT DAN EKSPORT IKAN DAN HASIL-HASIL PERIKANAN SARAWAK, 1963—1983
IMPORTS AND EXPORTS OF FISH AND FISH PRODUCTS IN SARAWAK, 1963—1983
 (Kuantiti dalam Tan Metrik/*Quantity in Tonnes*)

Tahun Year	Import/Imports *		Eksport/Exports	
	Kuantiti-Tan Metrik Qty.-Tonnes	Nilai C.I.F. \$ Value C.I.F. \$	Kuantiti-Tan Metrik Qty.-Tonnes	Nilai C.I.F. \$ Value C.I.F. \$
1963	3,750.29	5,478,765	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
1980	8,295.65	20,067,755	2,902.88*	20,996,636
1981	9,426.81	24,458,926	2,573.45*	24,224,788
1982	8,821.75	28,734,873	2,498.97*	25,288,755 ✓
1983	7,422.21 3613.20	25,241,348 12,911,501	3,176.54 2925.53	29,302,270

* Perangkaan untuk tahun 1963 — 1981 (Import) & tahun 1980 — 1981 (Eksport) telah dipina
 Data for 1963 — 1981 (Imports) & 1980 — 1981 (Exports) are revised figures.

Subah 9369 24,005,473 5,899 85,914,149
 SM. 161,230.49 204,693,300 11,382.58 225,402,622
 174,212.69 241,609,774 120,207.11 339,002,496