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ANNUAL FISHERIES STATISTICS

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JALAN SWETTENHAM
KUALA LUMPUR 10-02

PENDAHULUAN

Laporan Tahunan Perangkaan Perikanan 1977 adalah satu percubaan untuk mempersembahkan perusahaan perikanan diMalaysia pada tahun 1977 dalam satu gambaran yang tepat.

Penerbitan tahun ini, selain daripada cetakkan yang lebih elok, juga mengandungi beberapa jadual perangkaan yang baru dan satu ulangkajian am mengenai perikanan dalam tahun 1977. Kami berfikir ulangkajian am ini akan membolehkan pengguna-pengguna yang tidak biasa dengan perikanan kami akan memahami dengan lebih jelas tentang sektor ini dalam ekonomi kita.

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

KEMENTERIAN PERTANIAN MALAYSIA
(Bahagian Perikanan)
JALAN SWETTENHAM
KUALA LUMPUR 10-02

FOREWORD

The Annual Fisheries Statistical Bulletin 1977 attempts to present a correct picture of the Malaysian fishing industry in 1977.

This year's issue, besides being in better print, also includes some new statistical tables and a general review of the fisheries in 1977. We think the general review will enable those unfamiliar with our fisheries to get a clearer picture of this sector of our economy.

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

EDWIN J. SAVARIRAJ
PEGAWAI PERIKANAN (PERANGKAAN)
FISHERIES OFFICER (STATISTICS)

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ULANG KAJIAN AM

Perikanan Malaysia, bagi tujuan perangkaan, adalah dibahagikan dalam tiga wilayah, iaitu:

- (1) Semenanjung Malaysia
- (11) Sabah
- (111) Sarawak

Berikut adalah satu ulang kajian am tentang mempertunjukkan perusahaan perikanan di ketiga-tiga wilayah ini pada tahun 1977.

(1) SEMANANJUNG MALAYSIA

A. TANGKAPAN

1. Aliran Tangkapan

Walaupun perikanan di Semenanjung Malaysia merupakan suatu perkara lama, waktu kemuncak dalam sejarahnya ialah tahun 1965, bilamana pukat tunda diperkenalkan secara resmi di rantau ini. Sebelum tahun 1965, belat-belat dan pukat jerut telah digunakan. Semasa itu, jumlah tangkapan tidak pernah melebihi had 200,000 metrik tan setahun, tetapi selepas tahun 1965, jumlah pendaratan telah melebihi had 200,000 metrik tan. Semasa itu walaupun pukat jerut masih lagi diteruskan sebagai pukat yang utama, pukat tundalah yang telah menjadi salah satu perkakas yang terutama sekali.

Pada tahun 1968, jumlah pendaratan telah meningkat ke peringkat paling tinggi, dan adalah dianggap sebagai kemuncak yang pertama dalam perikanan Semenanjung Malaysia. Kemuncak kedua ialah berlaku lima tahun selepasnya iaitu pada tahun 1974 bila pendaratan telah melebihi peringkat 400,000 metrik tan. Pendaratan pada tahun 1977, hampir meningkat ke 500,000 tan yang menunjukkan kemungkinan tahun ini menjadi kemuncak yang ketiga?

Punca-punca yang menyebabkan peningkatan dalam aliran tangkapan sejak tahun 1965 adalah terdiri daripada:—

- (a) Pengenalan pukat tunda telah mengakibatkan eksploitasi keatas sumber baru, iaitu — sumber dasar laut. Sebelum pengenalan pukat tunda, perikanan tempatan secara semestinya adalah perikanan paras air.
- (b) Pengenalan pukat tunda juga telah memusatkan lagi proses penjenteraan bot-bot nelayan yang mana telah menambahkan kecekapan menangkap ikan.

Dengan itu pukat tunda telah menjadi punca bagi pengembangan penangkapan ikan di rantau ini, sejak tahun 1965. Oleh yang demikian tidaklah menghairankan untuk mengetahui bahawa perikanan pukat tunda telah menyumbangkan sebanyak 52% daripada jumlah tangkapan di rantau ini pada tahun 1977.

2. Tangkapan Dalam Tahun 1977

Jumlah pendaratan oleh nelayan-nelayan dan penternak-penternak (tidak termasuk Perikanan Airtawar) dalam tahun 1977, adalah 497,952 metrik tan ataupun 21.2% (86,984 metrik tan) lebih daripada tahun yang lalu. Tambahan dalam pendaratan pada tahun 1977 adalah disebabkan oleh penambahan dalam tangkapan ikan baja dan udang oleh pukat tunda; tambahan tangkapan dalam perikanan paras air dan pemeliharaan kerang.

Nilai pendaratan (tidak termasuk Perikanan Airtawar) bagi tahun 1977 ialah \$828,493,529 ataupun 29% lebih jika dibandingkan dengan tahun yang lepas. Kenaikan ini adalah disebabkan oleh pendaratan yang lebih dan kenaikan harga ikan-ikan.

3. Tangkapan Mengikut Sektor Perikanan

Tangkapan oleh sektor perikanan laut adalah 451,529 metrik tan dalam tahun 1977 iaitu 19% (72,203 metrik tan) lebih dari tahun yang lepas. Nilai pendaratan pada tahun 1977 adalah \$810,843,969 dengan kenaikan sebanyak 27.5%. jika dibandingkan dengan tahun yang lepas.

Ternakan kerang di kawasan-kawasan pantai telah menghasilkan 46,423 metrik tan dalam tahun 1977 yang adalah 46.7% (14,781 metrik tan) lebih dari tahun yang lalu. Dari segi nilai ianya adalah \$17,649,560 yang mana ialah 35.6% lebih dari tahun yang lepas.

Perikanan Airtawar adalah terdiri daripada ikan-ikan yang ditangkap dan ikan-ikan yang ditenak. Oleh kerana tiada angka-angka yang lengkap, penangkapan ikan-ikan airtawar dianggarkan sebanyak 20,000 metrik tan pada tahun 1977. Nilai penangkapan ini adalah dianggarkan sebanyak \$48,267,600 pada tahun 1977.

Pengeluaran ikan-ikan ternakan adalah dianggarkan sebanyak 8,890 metrik tan dalam tahun 1977 atau 5.2% lebih daripada tahun yang lalu. Nilai pengeluaran ikan-ikan ternakan ini adalah dianggarkan sebanyak \$14,401,267 pada tahun 1977.

4. Tangkapan Mengikut Kawasan-Kawasan Menangkap Ikan

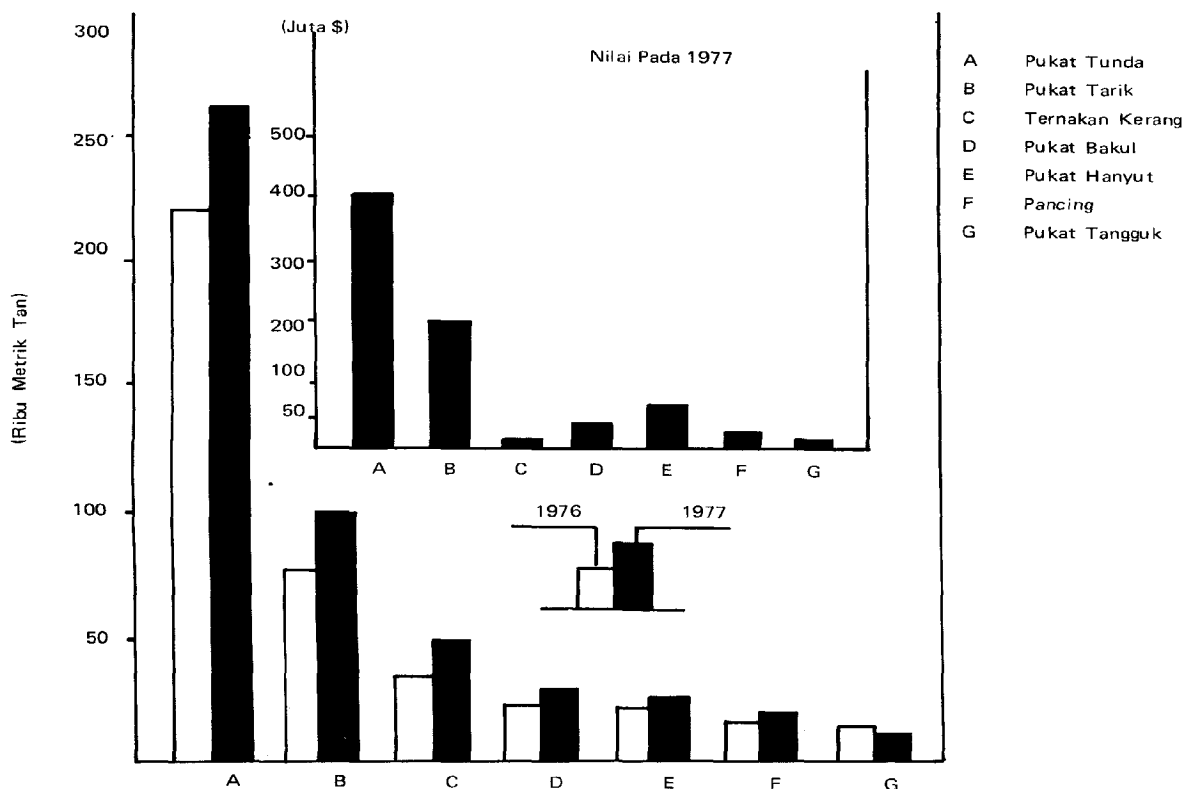
Semenanjung Malaysia adalah dibahagikan kepada dua kawasan iaitu, pantai barat yang bersempadankan Selat Melaka dan pantai timur yang bersempadankan barat-daya Laut China Selatan. Oleh kerana pada asasnya, perikanan di sini adalah dijalankan secara kecil-kecilan, kebanyakan kegiatan menangkap ikan adalah tertumpu dalam kawasan 60 batu dari pantai.

Jumlah tangkapan daripada Selat Melaka pada tahun 1977 adalah 377,867 metrik tan iaitu lebih 28.3% daripada tahun lalu. Kawasan perairan ini telah juga menghasilkan sebanyak 76% daripada jumlah pendaratan pada tahun 1977. Nilai pendaratan dari kawasan ini adalah \$649,323,910 pada tahun 1977.

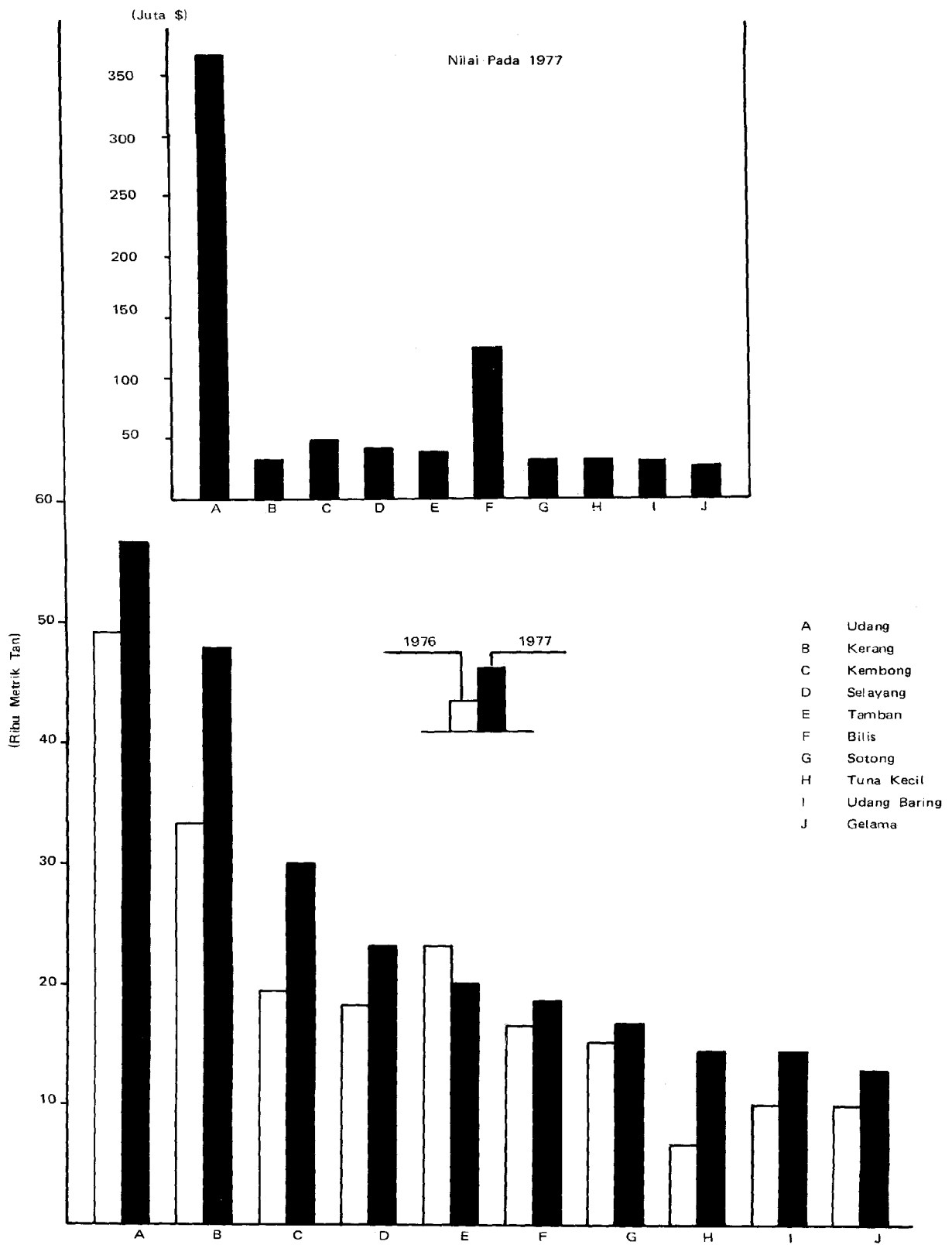
Penangkapan dari kawasan Laut China Selatan adalah sebanyak 120,085 metrik tan pada tahun 1977 — kenaikan sebanyak 3.2% dari tahun lalu. Nilai pendaratan dari kawasan ini adalah \$179,169,619.

5. Tangkapan Oleh Perkakas-Perkakas Utama

Semua jenis perkakas-perkakas yang diusahakan pada tahun 1977 telah menghasilkan tambahan dalam pendaratan, kecuali pukuk-pukuk tangguk dan belat-belat, apabila dibandingkan dengan tahun lepas. Kebetulan, tambahan ini adalah oleh tiga kumpulan perkakas-perkakas yang utama, iaitu: pukuk tunda yang menambahkan sebanyak 18.3% dari tahun lalu; pukuk-pukuk tarik (terutamanya pukuk jerut) yang menambahkan 28.4% dan penternakan kerang yang menambahkan sebanyak 46.7% dari tahun lalu (lihat rajah 1).



Rajah 1. Tangkapan dan Nilai Mengikut Perkakas-Perkakas Utama



Rajah 2. Tangkapan dan Nilai Mengikut Jenis-Jenis Ikan Utama.

6. Tangkapan Mengikut Jenis-Jenis Ikan Utama (Lihat Rajah 2)

Tangkapan laut pada tahun 1977 adalah terdiri daripada 362,367 metrik tan ikan, 70,584 metrik tan krustasia, 62,111 metrik tan molusk dan 2,890 metrik tan lain-lain kehidupan laut.

Walaupun pada keseluruhannya, penangkapan semua jenis ikan telah bertambah, jenis-jenis yang bertambah dengan nyata apabila dibandingkan dengan tahun lalu, ialah ikan baja, kerang, kembong/temenong, udang, tuna-tuna kecil (aya/kayu/tongkol) dan selayang. Sebaliknya jenis-jenis yang menunjukkan pengurangan dalam tangkapannya yang nyata apabila dibandingkan dengan tahun lalu, adalah sardin (tamban), cincaru dan ikan-ikan campur (ikan-ikan yang tidak diasing dan tidak dikenali).

Ikan Baja

Ikan baja adalah terdiri daripada ikan-ikan yang tidak boleh dimakan serta anak-anak ikan yang boleh dimakan. Sejak pengenalan pukut tunda, pendaratan ikan baja telah kian bertambah dengan pesatnya. Penambahan dalam pendaratan ikan baja yang nyata telah berlaku pada tahun 1972 dan sejak itu, kebiasaannya ia menjadi salah satu jenis ikan yang terbanyak dalam jumlah pendaratan ikan. Pada tahun 1977, jumlah pendaratan ikan adalah terdiri daripada 31% ikan baja ataupun 154,995 metrik tan yang bernilai \$17,316,173. Sejumlah besar ikan baja adalah didaratkan oleh pukut tunda, pukut-pukat bakul, pukut-pukat tarik dan belat-belat.

Pendaratan ikan baja yang kian bertambah pada tahun-tahun yang lalu, mungkin disebabkan oleh kegiatan menangkap ikan yang lebih intensif, khasnya oleh pukut-pukat tunda dalam kawasan menangkap ikan yang sudah pun terlebih dieksploitkan.

Kerang

Jumlah pengeluaran kerang pada tahun 1977 adalah 46,423 metrik tan ataupun 9.3% daripada jumlah pendaratan. Pemungutan yang lebih pada tahun 1977 mungkin disebabkan oleh penambahan dalam kawasan menternak di tahun 1976 yang menjadikan pemungutan yang lebih pada tahun 1977. Nilai kerang yang dipungut dalam tahun 1977 adalah \$17,649,560.

Kembong/Temenong

Ikan kembong/temenong biasanya ditangkap oleh pukut jerut dan pukut tunda 'high opening'. Pendaratan pada tahun 1977 adalah 28,531 metrik tan iaitu 58% lebih daripada tahun yang lepas. Tangkapan dari Selat Melaka ialah 19,570 metrik tan, manakala dari Laut China Selatan adalah 8,961 metrik tan. Kenaikan ini adalah disebabkan oleh musim yang baik bagi kebanyakan jenis-jenis ikan paras air.

Nilai pendaratan ikan kembong pada tahun 1977 ialah \$33,957,000.

Udang

Udang yang didapati di kawasan pantai kebanyakannya di daratkan oleh bot-bot pukut tunda kecil. Udang merupakan jenis yang utama didaratkan oleh pukut-pukat tunda ini oleh kerana harganya.

Selain daripada pukut tunda, pukut-pukat tarik yang kecil dan pukut-pukat hanyut juga mendaratkan jumlah udang yang banyak.

Tangkapan udang pada tahun 1977 adalah 54,584 metrik tan ataupun 14.5% lebih daripada tahun yang lepas. Nilai jumlah udang yang didaratkan pada tahun 1977 ialah \$360,912,400. Kebanyakan udang ini ditangkap di Selat Melaka (50,987 metrik tan). Di Laut China Selatan, tangkapan udang adalah kurang disebabkan oleh kemusimannya. Jumlah tangkapan di sini pada tahun 1977 adalah 3,597 metrik tan.

Tuna Kecil

Pendaratan ikan-ikan tuna kecil (aya/kayu/tongkol) telah bertambah pada tahun 1977. Jumlah tangkapan pada tahun 1977 adalah 12,446 metrik tan ataupun 97.8% lebih dari tahun lepas. Sebahagian besar daripada ikan-ikan tuna kecil ini adalah dari Laut China Selatan iaitu sejumlah 10,102 metrik tan, manakala yang bakinya 2,344 metrik tan adalah daripada Selat Melaka. Kebanyakan tuna kecil ini ditangkap oleh pukut-pukat tarik, pancing dan pukut-pukat hanyut.

Nilai ikan-ikan tuna kecil yang didaratkan ialah \$14,812,560 pada tahun 1977.

Selayang

Pada tahun 1977, jumlah pendaratan ikan selayang adalah 21,423 metrik tan atau 32.8% lebih daripada tahun yang lepas. Nilainya ialah \$25,496,712.

Sejumlah besar ikan selayang ini adalah ditangkap oleh pukat jerut dan pukat-pukat tangguk. Tangkapan mengikut kawasan ialah Laut China Selatan — 15,025 metrik tan dan Selat Melaka — 6,398 metrik tan.

Tamban

Tangkapan ikan tamban telah turun pada tahun 1977 di mana hanya 18,415 metrik tan didaratkan. Ini adalah 13.3% kurang apabila dibandingkan dengan tahun lalu. Nilai ikan tamban yang ditangkap pada tahun 1977 adalah \$21,916,944.

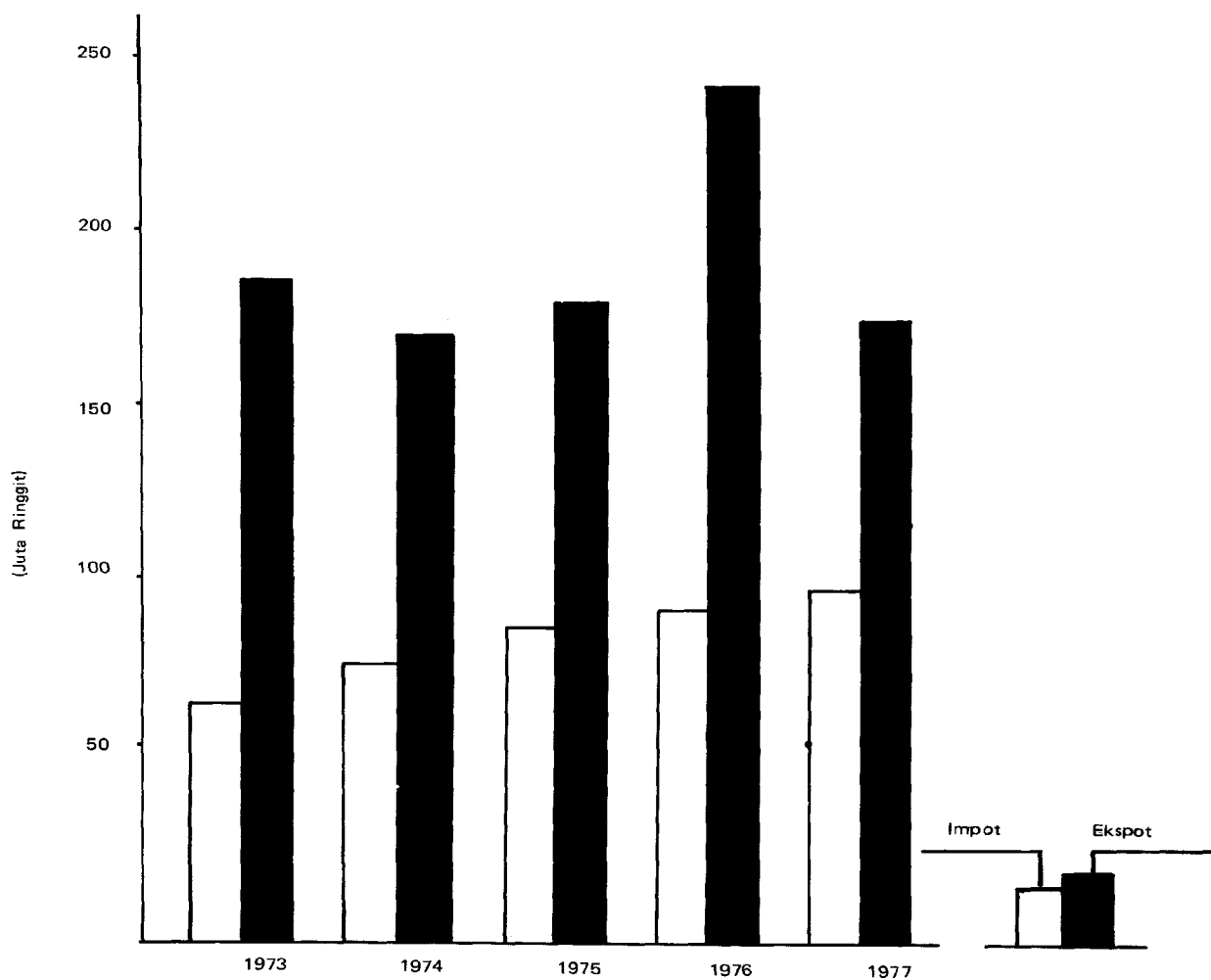
Cincaru

Pendaratan ikan cincaru telah berkurangan pada tahun 1977. Jumlah tangkapan pada tahun 1977 adalah 4,831 metrik tan yang adalah 32.2% kurang dari tahun yang lepas. Nilai pendaratannya pada tahun 1977 adalah \$5,749,128.

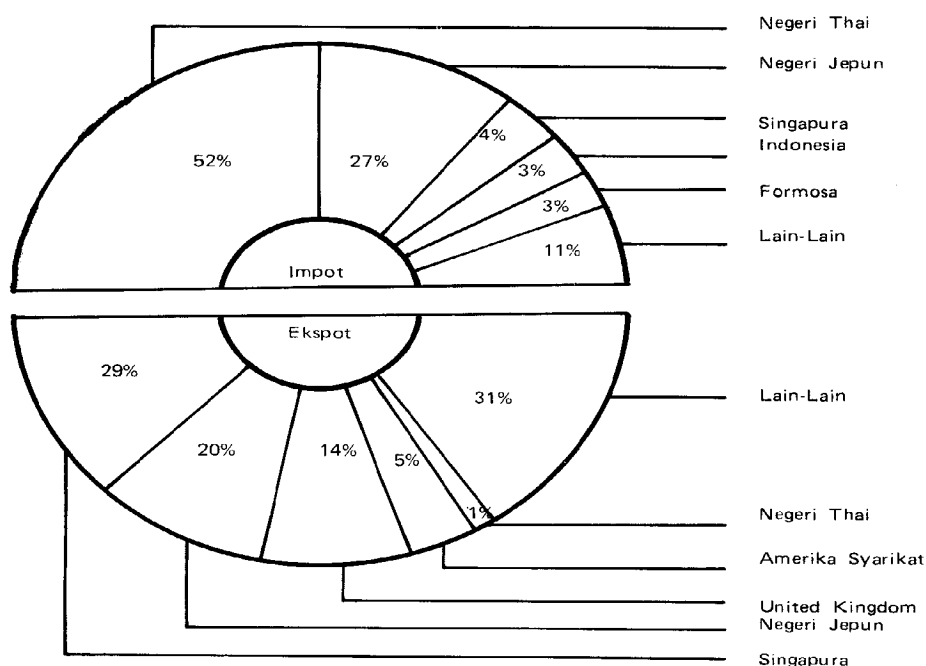
Ikan Campur

Ikan-ikan campur ini adalah terdiri dari kuantiti-kuantiti kecil ikan-ikan biasa yang tidak diasingkan bila didaratkan. Bila dicampurkan ianya menjadi satu jumlah yang besar tiap-tiap tahun. Jumlah ikan-ikan campur yang didaratkan pada tahun 1977 adalah 11,659 metrik tan, yang mana adalah 18% kurang dari tahun yang lepas. Nilainya adalah \$13,875,768 pada tahun 1977.

B. PERDAGANGAN LUAR NEGERI DALAM IKAN DAN PENGELUARAN PERIKANAN



Rajah 3. Nilai Perdagangan Perikanan Luar Negeri



Rajah 4. Perdagangan Ikan Mengikut Negeri Asal dan Negeri yang ditujui pada 1977

Imbangan perdagangan dalam pengeluaran perikanan selalunya adalah baik dari segi Semenanjung Malaysia. Bagi lima tahun lalu (rajah 3) walaupun impot terus naik, eksport juga naik dan sentiasa lebih daripada impot. Lebihan ini khasnya adalah kerana eksport ikan-ikan yang berharga mahal khasnya ke Singapura dan eksport udang ke Jepun, United Kingdom dan Amerika Sharikat.

Jumlah impot dalam tahun 1977 adalah \$95,237,588 manakala jumlah eksport adalah \$159,697,615. Ini menunjukkan satu lebihan sejumlah \$64,460,027.

1. Impot

Semenjak beberapa tahun lalu kuantiti dan nilai impot terus meningkat. Ini adalah kerana pembekalan dalam negeri tidak mencukupi jika dibandingkan dengan permintaan dalam negeri yang terus meningkat. Sebahagian besar daripada jumlah impot adalah untuk makanan manusia. Jumlah nilai impot untuk makanan manusia dalam tahun 1977 adalah \$86,504,829. Ini menunjukkan satu penambahan sebanyak 5.8% jika dibandingkan dengan tahun lalu. Barang impot yang penting dalam kenaikan pada tahun lalu adalah impot ikan basah dan udang dari Negeri Thai. Impot dari Negeri Thai ini adalah kerana kekurangan bekalan di dalam negeri dan juga kerana beberapa ikan yang dinikmati oleh orang ramai tidak lagi didapati dalam perairan negeri kita.

Impot yang bukan untuk makanan manusia pada tahun 1977 adalah bernilai \$8,732,759. Kebanyakan ini adalah impot tepong ikan dari Negeri Thai. Baru-baru ini permintaan dalam negeri bagi tepong ikan telah meningkat, tetapi pengeluaran tepong ikan dalam negeri masih berkurangan, walaupun tangkapan ikan baja dalam negeri adalah 31% dari jumlah tangkapan ikan dalam tahun 1977. Nilai impot tepong ikan dalam tahun 1977, adalah \$8,358,731 atau 96% dari jumlah impot yang bukan untuk makanan manusia.

Pada amnya, jumlah impot dari segi kuantiti telah meningkat 2.4% dan dari segi nilai telah meningkat 8.8% jika dibandingkan dengan tahun lalu.

Negeri-negeri utama yang mengeksport ke Semenanjung Malaysia, yang mana nilai eksportnya itu lebih daripada \$10 juta dalam tahun 1977, adalah Negeri Thai dan Jepun.

2. Ekspot

Jumlah eksport perikanan dalam tahun 1977 adalah \$159,697,615. Ini bererti eksport telah merosot sebanyak \$78,368,693 atau 32.9% jika dibandingkan dengan tahun yang lalu.

Barang-barang eksport yang telah berkurangan besar dalam tahun 1977 adalah udang basah dan udang beku, ikan kering/masin, molusk kering/masin dan ikan tuna yang basah/beku/mengetin.

Jumlah eksport bagi makanan manusia dalam tahun 1977 adalah \$157,697,796 yang mana menunjukkan satu kemerosotan sebanyak \$78,437,798 atau 33.2% jika dibandingkan dengan tahun yang lalu.

Walau bagaimanapun, eksport yang bukan untuk makanan manusia telah meningkat ke \$1,999,819 dalam tahun 1977. Ini menunjukkan satu tambahan sebanyak \$69,105 atau 3.6% jika dibandingkan dengan tahun yang lalu.

Negeri-negeri yang utama mengimport dari Semenanjung Malaysia dalam tahun 1977 yang mana nilainya lebih daripada \$10 juta adalah Singapura, Jepun dan United Kingdom.

(Nota: Semua kuantiti dalam metrik tan dan nilai dalam Ringgit Malaysia).

(11) SABAH

A. TANGKAPAN

1. Tangkapan Dalam Tahun 1977

Jumlah tangkapan perikanan Sabah telah meningkat dari tahun ke tahun semenjak 1972 kecuali tahun 1976 di mana telah berlaku sedikit kekurangan. Kebanyakan tangkapan berasal dari pantai timur Sabah yang bersempadankan Laut Sulawesi di mana pengkalan-pengkalan perikanan utama ditempatkan.

Jumlah tangkapan perikanan dan ternakan perikanan bagi tahun 1977 adalah 36,200 metrik tan. Ini menunjukkan satu kenaikan 14% jika dibandingkan dengan tahun yang lalu. Nilai tangkapan ini adalah \$86,370,000 ataupun 40% lebih daripada tahun yang lalu.

2. Tangkapan Mengikut Sektor Perikanan

Tangkapan perikanan laut pada tahun 1977 adalah 34,900 tan ataupun lebih 14% daripada tahun lalu. Nilai tangkapan ini adalah \$82,670,000.

Ternakan ikan airtawar telah menghasilkan kurang daripada 4% dari jumlah tangkapan bagi negeri Sabah ataupun 1,300 tan pada tahun 1977. Ini menunjukkan satu kenaikan berjumlah 30% jika dibandingkan dengan tahun lalu. Nilai hasil ternakan pada tahun 1977 adalah \$3,700,000.

3. Tangkapan Oleh Perkakas-Perkakas Utama

Pukat tunda udang adalah perkakas yang terutama di negeri Sabah. Lain-lain perkakas kesemuanya adalah perkakas tradisi yang kecil-kecilan seperti kelong, pukat hanyut dan pancing. Ada juga beberapa yunit pukat jerut dari Semenanjung Malaysia yang berusaha di sini.

Dari segi kuantiti pukat tunda udang telah mendaratkan 16% dari jumlah tangkapan pada tahun 1977, manakala dari segi nilai pendaratan ini adalah lebih 34% daripada jumlah nilai tangkapan.

Pukat tunda sebagai perkakas yang terutama di sini, telah mendaratkan 85% daripada jumlah tangkapan udang di Sabah dalam tahun 1977.

Kebanyakan pengkalan-pengkalan pukat tunda yang utama adalah ditempatkan di pantai timur, iaitu di residensi-residensi Sandakan dan Tawau.

Bot-bot pukat tunda ini adalah di antara 30—50 tan beratan dan boleh dianggap sebagai bot-bot besar dan moden mengikut piawaian Malaysia. Bot-bot ini ke laut tiga atau empat trip sebulan dan kawasan-kawasan penangkapan udang yang utama adalah Teluk Marudu, Telok Labuk dan Laut Semporna di sebelah pantai timur. Teluk Brunei di sebelah pantai barat juga adalah satu kawasan penangkapan udang yang utama tetapi kebanyakan perkakas-perkakas yang berusaha di sini adalah pukat hanyut udang kecil.

4. Tangkapan Mengikut Jenis-Jenis Ikan Utama

Tangkapan pada tahun 1977 adalah terdiri daripada 29,100 tan ikan, 6,000 tan krustasia, 600 tan molusk dan 500 tan lain-lain kehidupan laut seperti trepang, landak laut, mutiara dan lain-lain.

Kumpulan jenis ikan yang meningkat pada tahun 1977 jika dibandingkan dengan tahun yang lalu adalah ikan-ikan airtawar; red fishes, basses, congers, dan lain-lain; jacks, muliets dan lain-lain tuna, bonitos, skipjacks; mackerels, billfishes dan lain-lain dan udang.

Tangkapan kumpulan jenis ikan yang turun pada tahun 1977 jika dibandingkan dengan tahun lalu adalah shads, milkfishes dan lain-lain; lidah, sabalah dan lain-lain; herring, sardine, bilis dan lain-lain; yu dan pari; slipmouth dan ikan ikan campur.

Kumpulan jenis-jenis ikan yang berikut telah menunjukkan tambahan utama pada tahun 1977 jika dibandingkan dengan tahun lalu.

Redfishes, Bases, Congers Dan Lain-Lain

Jumlah tangkapan bagi kumpulan jenis ikan ini pada tahun 1977 adalah 6,500 tan atau satu kenaikan sejumlah 44% jika dibandingkan dengan tahun lalu. Nilai tangkapan kumpulan ini pada tahun 1977 adalah \$11,780,000 iaitu satu kenaikan sebanyak 45% jika dibandingkan dengan tahun lalu.

Jacks Dan Mullets

Jumlah tangkapan bagi kumpulan ini pada tahun 1977 adalah 7,900 tan atau satu kenaikan sebanyak 147% jika dibandingkan dengan tahun lalu. Nilai kumpulan ini pada tahun 1977 adalah \$17,100,000 atau kenaikan 148% jika dibandingkan dengan tahun lalu.

Mackerels, Billfishes Dan Lain-Lain

Kumpulan ini menunjukkan satu kenaikan besar daripada 2,000 tan pada tahun 1976 kepada 7,400 tan pada tahun 1977, iaitu satu kenaikan sebanyak 270%. Nilai tangkapan ini pada tahun 1977 adalah \$15,700,000 ataupun satu kenaikan 272% jika dibandingkan dengan tahun lalu.

Slimmouths

Jumlah tangkapan ikan ini telah turun kepada 400 tan pada tahun 1977 iaitu satu penurunan sebanyak 87% jika dibandingkan dengan tahun 1976. Nilai tangkapan jenis ikan ini pada tahun 1977 adalah hanya \$240,000 atau satu penurunan sebanyak 86% jika dibandingkan dengan tahun lalu.

B. PERDAGANGAN LUAR NEGERI DALAM IKAN DAN PENGELUARAN IKAN

Jumlah impot perikanan pada tahun 1977 adalah 4,021.40 tan panjang bernilai \$10,245,153 manakala eksport perikanan adaiah 5,635.35 tan panjang bernilai \$36,267,463. Lebihan imbalan perdagangan pada tahun 1977 adaiah 1,613.93 tan panjang bernilai \$26,022,310.

Impot-impot utama pada tahun 1977 adalah ikan mengetin khasnya sardine dan selar. Jumlah nilai impot ikan-ikan mengetin ikan adalah \$6,138,650 atau 60% dari jumlah impot.

Ekspot-ekspot utama pada tahun 1977 adaiah udang beku (\$29,952,701), molusks kering (\$3,600,324) dan ikan-ikan airtawar basah/beku (\$1,553,809).

Ekspot udang sendiri telah berjumlah 83% daripada jumlah nilai ekspot pada tahun 1977.

(111) SARAWAK

A. TANGKAPAN

1. Tangkapan Dalam Tahun 1977

Jumlah tangkapan laut bagi Sarawak telah meningkat dari tahun ke tahun semenjak tahun 1972. Jumlah tangkapan pada tahun 1977 adalah 83,295 tan iaitu satu kenaikan sebanyak 14% jika dibandingkan dengan tahun lalu.

2. Tangkapan Mengikut Perkakas-Perkakas Utama

Perkakas-perkakas utama di Sarawak adalah pukat tunda, pukat hanyut dan pukat surung/tangguk.

Kecuali pukat hanyut, kedua-dua perkakas yang lain itu telah menunjukkan kenaikan tangkapan pada tahun 1977.

Pukat tunda telah mendaratkan 45,583 tan pada tahun 1977 iaitu satu kenaikan sebanyak 4% jika dibandingkan dengan tahun lalu. Dari jumlah tangkapan tahun 1977, pukat tunda sendiri telah bertanggungjawabkan 55% dari jumlah ini. Kebanyakan pukat tunda ini adalah pukat tunda udang dan yang lain itu pukat tunda ikan.

Pukat hanyut telah mendaratkan 15,239 tan pada tahun 1977 iaitu satu penurunan sebanyak 27% jika dibandingkan dengan tahun lalu. Pendaratan pukat hanyut adalah 18% dari jumlah tangkapan pada tahun 1977.

Pukat surung/tangguk telah mendaratkan 13,720 tan pada tahun 1977 atau satu kenaikan sebanyak 558% jika dibandingkan dengan tahun lalu. Jenis ikan utama yang ditangkap oleh pukat ini adalah ubor-ubor. Pukat surung/tangguk ini telah mendarat 16.5% dari jumlah pendaratan pada tahun 1977.

3. Tangkapan Mengikut Jenis-Jenis Ikan Utama

Jumlah tangkapan tahun 1977 terdiri daripada 55,998 tan ikan, 10,177 tan krustasia, 1,080 tan molusks dan 16,040 tan ubor-ubor. Jenis-jenis ikan yang ditangkap di perairan Sarawak adalah sama dengan yang ditangkap di perairan Semenanjung Malaysia. Pada keseluruhannya tangkapan berbagai jenis ikan telah meningkat pada amnya pada tahun 1977 jika dibandingkan dengan tahun yang lalu. Jenis-jenis ikan yang utama adalah seperti berikut:—

Ubor-Ubor

Ubor-ubor yang pada dahulunya tidak ada apa-apa nilai, kini telah menjadi satu jenis kehidupan laut yang sangat menguntungkan. Ini disebabkan kerana permintaan oleh pengimport-pengimport Jepun. Bangsa-bangsa memproses ubor-ubor adalah satu perkara biasa di kebanyakan pengkalan-pengkalan nelayan di sini.

Jumlah tangkapan ubor-ubor pada tahun 1977 adalah 16,040 tan manakala pada tahun 1976 tangkapan jenis ini hanya berjumlah 1,423 tan. Ini adalah satu kenaikan sebanyak 1,027%.

Ikan Baja

Ikan baja terutamanya didaratkan oleh pukat tunda dan pendaratan ikan baja ini bagi tahun 1977 adalah 12,480 tan. Ini menunjukkan satu kenaikan sebanyak 4% jika dibandingkan dengan tahun yang lalu.

Ikan Campur

Pendaratan ikan campur pada tahun 1977 adalah 10,473 tan dan ini menunjukkan satu penurunan sebanyak 29% jika dibandingkan dengan tahun yang lalu. Penurunan ini mungkin kerana pengaturan menurut jenis yang lebih cekap oleh nelayan-nelayan.

Udang

Penangkapan udang, khasnya oleh pukat tunda, pada tahun 1977 adalah 9,483 tan dan ini adalah satu penurunan lebih 8% jika dibandingkan dengan tahun yang lalu.

B. PERDAGANGAN LUAR NEGERI DALAM IKAN DAN PENGELUARAN IKAN

Jumlah impot oleh Sarawak pada tahun 1977 adalah 2,158.95 tan panjang yang bernilai \$4,596,550. Jika dibandingkan dengan tahun yang lalu, ini adalah satu kenaikan sebanyak 23% dari segi kuantiti dan kenaikan sebanyak 19% dari segi nilai.

Jumlah eksport dari Sarawak pada tahun 1977 adalah 3,105.53 tan panjang yang bernilai \$21,904,917. Jika dibandingkan dengan tahun 1976, ini adalah satu kenaikan sebanyak 42% dari segi kuantiti dan 51% dari segi nilai.

(Nota: Semua kuantiti kecuali angka-angka impot-eksport adalah dalam metrik tan, dan semua nilai adalah dalam ringgit Malaysia).

GENERAL REVIEW

Malaysian Fisheries, for statistical purposes, is divided into three main Sub regions, which are:

- (1) Peninsular Malaysia,
- (11) Sabah,
- (111) Sarawak.

The following is a general review of the performance of the fishing industry in these three main sub regions during the year 1977.

(1) PENINSULAR MALAYSIA

(A) CATCH

1. Trend of Catch

Although Peninsular Malaysian fisheries dates a long way back, the watershed in its history was the year 1965 when the trawl was officially introduced into this region. The Pre-1965 period was the era of the fishing stakes and purse seines. The total catch during this period never exceeded the 200,000 tonne level. In the Post-1965 period, purse seines continued in importance, but it was the trawl fishery which became the single most important fishery.

Total catches reached a record high in 1968 which is considered the first peak in the Peninsular Malaysian fisheries. The second peak occurred five years later in 1974 when catches exceeded the 400,000 tonne level. The 1977 catches almost reach the 500,000 tonne level indicating the possibility that this year could be the third peak?

The reasons for the increasing trend in catches in the post-1965 period are:

- a) the introduction of trawling which resulted in the exploitation of a new resource — the demersal resource. Prior to the introduction of trawling the local fisheries were essentially a pelagic fishery.
- b) The introduction of trawling also gave a further impetus to the continued rapid mechanization of fishing boats which increased fishing efficiency.

Trawling was thus the catalyst for the growth in this region's catches since 1965. In 1977 therefore it is not surprising to note that the trawl fishery contributed 52% of the total catch for this region.

2. Catch In 1977

The total catch by fisheries and cultures (excluding Freshwater Fisheries) in 1977 was 497,952 tonnes or an increase of 21.2% (86,984 tonnes) over the previous year. The increase in the 1977 catches is attributed to the increase in trashfish and prawn landings by trawlers; the better catches for the pelagic fisheries; and the increase in cockle production.

The value of the 1977 catch (excluding Freshwater Fisheries) was \$828,493,529 which was 29% more than previous year's value. This increase in value is due to the increase in catches and the rising price of fish.

3. Catch By Fishery Sectors

Marine fisheries landed 451,529 tonnes in 1977 which was 19% (72,203 tonnes) more than the previous year. In terms of value, the 1977 catch was \$810,843,969 which was 27.5% more than the previous year.

Coastal aquaculture of cockles produced 46,423 tonnes in 1977 which was a gain of 46.7% (14,781 tonnes) over the previous year. In terms of value it was \$17,649,560 which was a 35.6% gain over the previous year.

Freshwater fisheries is composed of both capture and culture fisheries. As no proper data is available, it is guestimated that Freshwater fish capture in 1977 was around 20,000 tonnes. Its value in 1977 is also estimated to be \$48,267,600.

The production of Freshwater culture fisheries is also guestimated to be 8,890 tonnes in 1977 or 5.2% more than the previous year. In terms of value, it is estimated to be about \$14,401,267 in 1977.

4. Catch By Fishing Areas

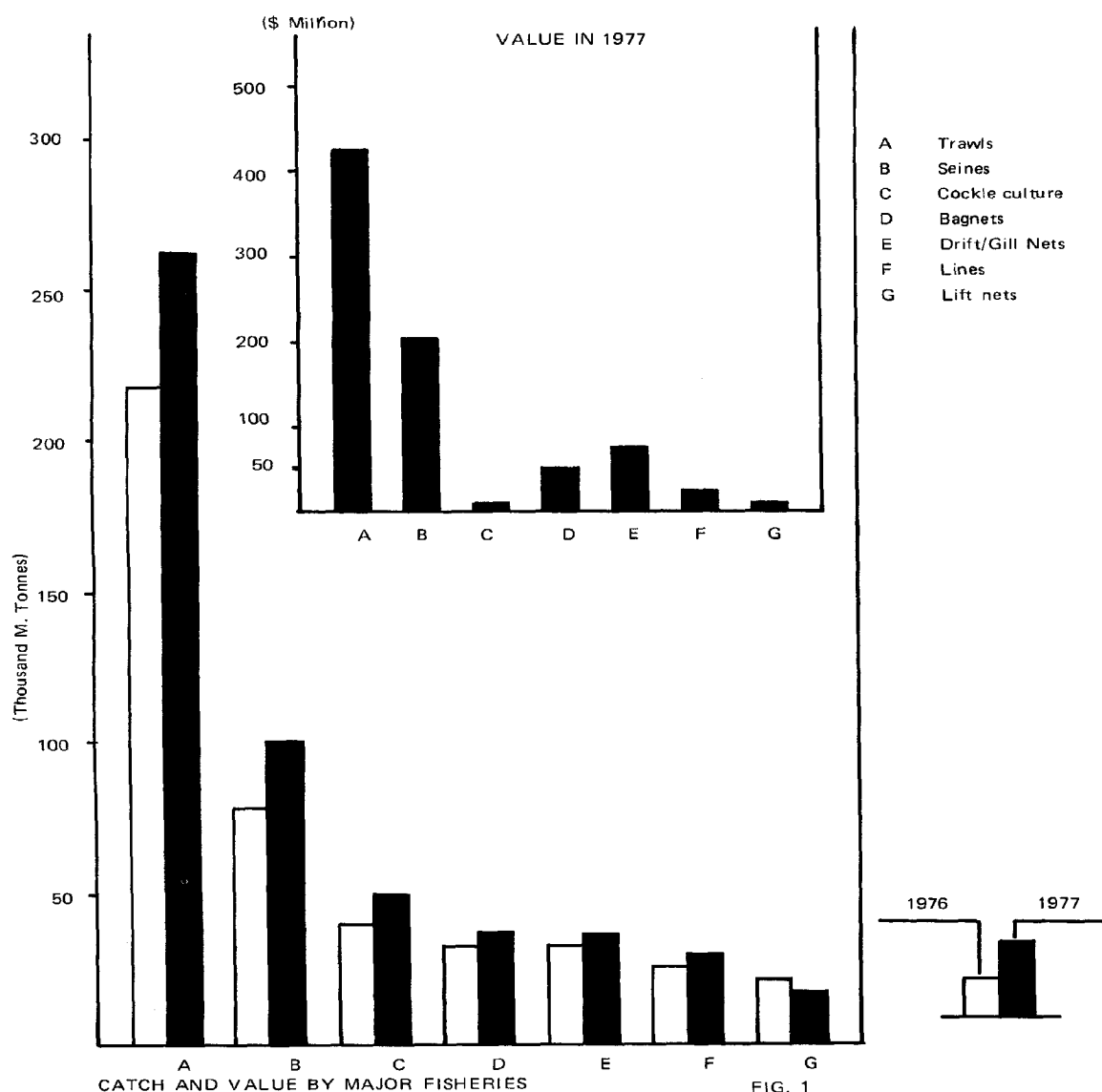
Peninsular Malaysia is divided into two regions: the west coast bordering the Straits of Malacca and the east coast bordering the southwestern part of the South China Sea. Being basically a small scale fishery, much of the fishing activity is concentrated within 60 nautical miles from the coastline.

The total catch from the Straits of Malacca in 1977 was 377,867 tonnes — a gain of 28.3% over the previous year. This water area also accounted for 76% of the total catch in 1977. The value of the catch from this area was \$649,323,910 in 1977.

The catch from the South China Sea area was 120,085 tonnes in 1977 — a gain of 3.2% over the previous year. In terms of value, the South China Sea catch was \$179,169,619.

5. Catch By Major Fisheries

With the exception of the liftnets and fishing stakes, all other fisheries gained in 1977 as compared to the previous year. Coincidentally, the biggest gains were made by the three major fisheries which are: the trawl fishery which gained by 18.3% over the previous year; the seine fishery (mainly purse seines) which gained by 28.4%; and cockle culture which gained by 46.7% over the previous year. (See Fig. 1).



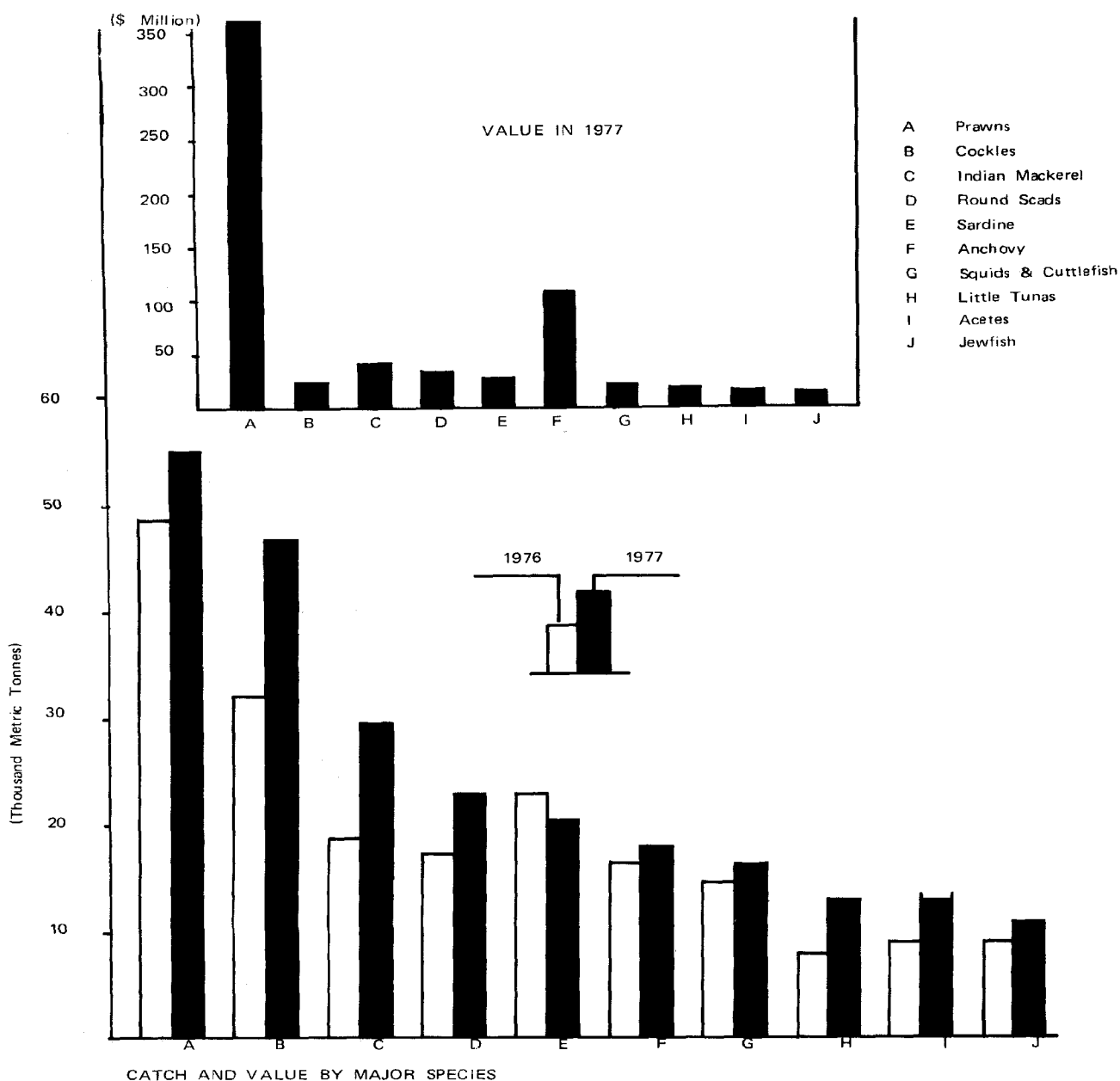


FIG 2

6. Catch By Major Species (See Fig. 2)

The 1977 marine catch or harvest was composed of 362,367 tonnes of fishes, 70,584 tonnes of crustaceans, 62,111 tonnes of Molluscs and 2,890 tonnes of other aquatic animals (Jelly fish).

Although there was a general increase in catches of most species, the fish species which showed a significant increase in 1977 over the previous year were: trash fish; cockles, Indian mackerel, prawns, little tunas and round scads.

On the other hand species which showed a significant decrease in catches in 1977 compared to the previous year were: sardines, hardtail scad and unsorted and unidentified fishes.

Trashfish

Trashfish is mainly composed of inedible fishes and juvenile edible fishes. Since the introduction of trawling, the quantity of trashfish landings have been increasing rapidly. However, the big jump in trashfish landing came in 1972 and since then trashfish is usually the biggest component in the total catch. In 1977 trashfish composed 31% of total catches or 154,995 tonnes, valued at \$17,316,173. Trashfish is mainly landed by trawlers, bagnets, seines and fishing stakes.

The possible reason for this increasing trend in trashfish landings in recent years is the intensified fishing efforts, especially by trawlers, in an already over-exploited fishing ground.

Cockles

The total production of cockles in 1977 was 46,423 tonnes or 9.3% of total catches. The increased harvest in 1977 is probably due to the increased land area under culture in 1976 resulting in a bigger harvest in 1977. The value of cockles harvested in 1977 was \$17,649,560.

Indian Mackerel

Indian mackerel, which is mainly caught by purse seiners and trawlers using the high opening trawl net, landings in 1977 was 28,531 tonnes which was 58% more than the previous year. The catch from the Straits of Malacca was 19,570 tonnes while that from the South China Sea was 8,961 tonnes. This increase was due to the good season for most pelagic species in 1977.

The total value of Indian mackerel in 1977 was \$33,957,000.

Prawns

Prawns, which are found in the inshore waters, is mostly landed by the small or mini trawlers. Prawns constitute the most important species landed by these trawlers because of their price.

Besides the trawlers, the smaller seines and drift/gill nets also land significant quantities of prawns.

The 1977 prawn catches was 54,584 tonnes or an increase of 14.5% over the previous year. The total value of prawns in 1977 was \$360,912,400. The bulk of these prawns were caught in the Malacca Straits (50,987 tonnes). Of lesser importance is the South China Sea where prawns are seasonal. The 1977 catch here was 3,597 tonnes.

Little Tunas

Little tunas, mainly Bonito, Longtail tuna and Eastern little tuna, showed a significant increase in 1977. The total catch in 1977 was 12,446 tonnes or an increase by 97.8% over the previous year. The bulk of these tunas were from the South China Sea totalling 10,102 tonnes, while the remaining 2,344 tonnes came from the Malacca Straits. These tunas were mainly caught by purse seines, lines and drift/gill nets.

The value of the 1977 little tunas landing was \$14,812,560.

Round Scads

The total catch of round scads in 1977 was 21,423 tonnes or 32.8% more than the previous year. Their total value was \$25,496,712.

The bulk of these round scads were caught by the purse seines and to some extent by lift nets. The catches by water areas were: South China Sea — 15,025 tonnes and Malacca Straits — 6,398 tonnes.

Sardines

There was a decrease in sardine catches in 1977 when only 18,415 tonnes was landed. This was a decrease by 13.3% compared to the previous year. The value of sardines caught in 1977 was \$21,916,944. The bulk of sardines were landed by the purse seiners.

Hardtail Scad

There was a decrease in hardtail scad landings in 1977. The 1977 catch was 4,831 tonnes which was 32.2% less than the previous year. Their total value in 1977 was \$5,749,128.

Unsorted And Unidentified Fishes

This group is usually composed of small quantities of the common species that are unsorted on landing and usually they add up to a significant quantity each year. The 1977 catch of this group was 11,659 tonnes which was 18% less than the previous year. Their value was \$13,875,768 in 1977.

(B) FOREIGN TRADE IN FISH AND FISHERIES PRODUCTS

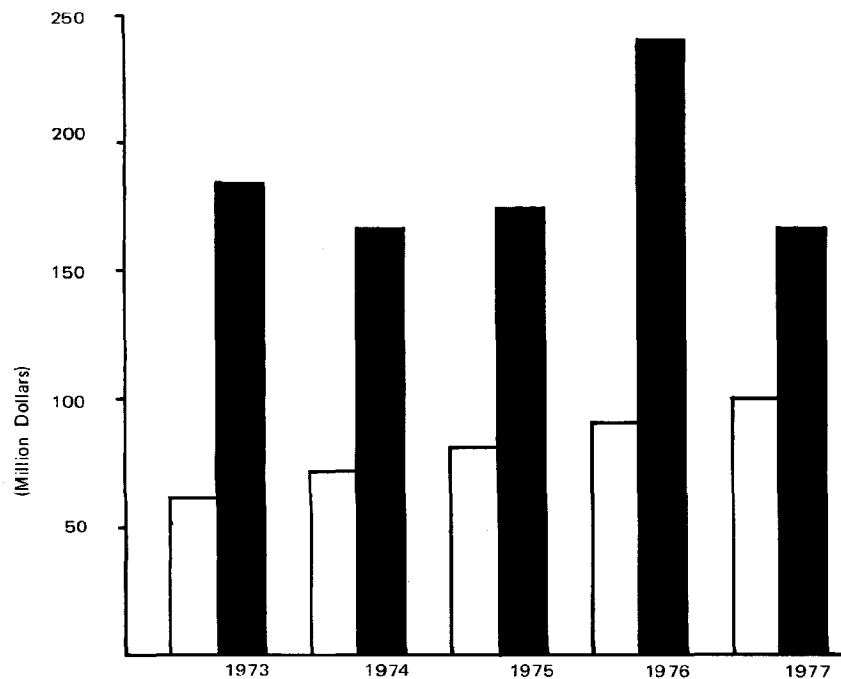


FIG. 3 Value of Foreign Trade in Fisheries

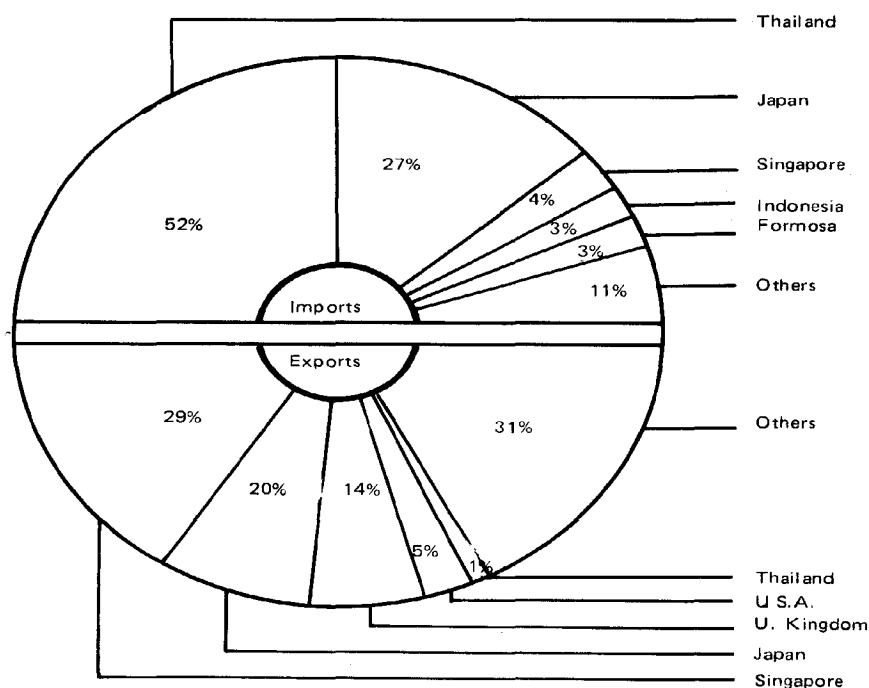
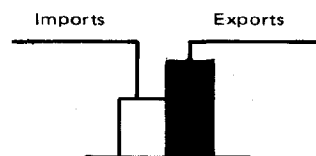


FIG 4: Fish Trade by Countries of Origin and destination in 1977.

The balance of trade in fisheries products has always been in favour of Peninsular Malaysia. For the last five years (Fig. 3), it is seen that although imports have been steadily rising, exports were always in excess of imports. This surplus was mainly because of the export of higher priced fish to mainly Singapore and the export of prawns to mainly Japan, United Kingdom, Singapore and the U.S.A.

Total imports in 1977 were \$95,237,588 while total exports were \$159,697,615, which was a surplus of \$64,460,027.

1. Imports

There has been a steady rise in the volume and value of imports in recent years. This was because domestic supply was inadequate to meet the growing domestic demand. The biggest imports were for human consumption whose value in 1977 was \$86,504,829 which was 5.8% more than the previous year. The most important item was the import of fresh fish and prawns from Thailand. As there was a shortage of supply in the domestic market and also as certain popular species of fish were not available in quantity in local waters, these were then mainly imported from Thailand.

The imports for non-human consumption in 1977 was \$8,732,759. This was mainly the import of fishmeal from Thailand. Domestic demand for fishmeal has been increasing lately, but domestic production is still inadequate, even though domestic trashfish catch is 31% of total catch in 1977. Fishmeal import alone was \$8,358,731 in 1977 or 96% of the total imports for non-human consumption items.

In general, total imports, quantity-wise, rose by 2.4% over the previous year while value-wise, it rose by 8.8%. The major exporting countries to Peninsular Malaysia whose annual value exceeded 10 million dollars in 1977 were Thailand and Japan.

2. Exports

Fishery exports in 1977 was \$159,697,615 which was \$78,368,693 or 32.9% less than the previous year. The export items that showed a significant decrease in 1977 were fresh/frozen prawns, dried/salted fish and molluscs and fresh/frozen/canned tuna.

The exports for human consumption were \$157,697,796 in 1977 which was a decrease by \$78,437,798 or 33.2% compared to the previous year.

However, the export of non-human consumption items increased to \$1,999,819 in 1977. This was a rise of \$69,105 or 3.6% over the previous year. The major importing countries from Peninsular Malaysia in 1977 with a value of more than 10 million dollars were Singapore, Japan and the United Kingdom.

(11) SABAH

A. CATCH

1. Catch In 1977

The catch by Sabah fisheries has been gradually increasing since 1972 with the exception of 1976 when there was a slight decline. The bulk of the catch is caught on the east coast of Sabah facing the Celebes Sea where some of the major fishing centres are located.

The 1977 total catch by fisheries and cultures was 36,200 metric tonnes which is an increase of 14% over the previous year. The value of this catch in 1977 was \$86,370,000 which is an increase of 40% over the previous year.

2. Catch By Fisheries Sectors:

Marine fisheries catch in 1977 was 34,900 tonnes or an increase of 14% over the previous year. The value of this catch was \$82,670,000.

Freshwater fish culture which accounts for less than 4% of total catch produced 1,300 tonnes in 1977 or a rise of 30% over the previous year. The value of the 1977 production was \$3,700,000.

3. Catch By Major Fisheries

Prawn trawling is the only major fisheries in Sabah. The other fisheries are all small-scale traditional fisheries like fishing stakes, gill nets and lines. There are also a handful of Peninsular Malaysian purse seiners operating here.

The prawn trawlers landed about 16% of the total catch in 1977 quantity-wise while value-wise they accounted for more than 34% of the total catch value.

Prawn trawling being an important fishery here landed about 85% of the total prawn catches in 1977.

Most of the major prawn trawlers bases are on the east coast in the Sandakan and Tawau residencies. These trawlers are about 30–50 gross tons and are considered reasonably big and modern by Malaysian standards. These trawlers operate about 3 or 4 trips in a month and the main prawn fishing grounds are at Marudu Bay, Labuk Bay and off the Semporna coast on the east coast. Brunei Bay on the west coast is also an important prawn ground but most of the gears operating here are small prawn gill netters.

4. Catch By Major Species

The 1977 catch was composed of 29,100 tonnes of fishes, 6,000 tonnes of crustaceans, 600 tonnes of molluscs and 500 tonnes of other aquatic plants and animals like Beche-de-mer, sea-urchins, pearls etc.

Species groups which showed an increase in 1977 over the previous year were the freshwater fishes; red fishes, basses, congers etc; jacks, mullets etc; tunas, bonitos, skipjacks; mackerels, bill-fishes etc; and prawns.

Species groups that showed a decrease in 1977 compared to the previous year were shads, milk-fishes etc; flounders, soles etc; herrings, sardines, anchovies etc; sharks and rays; slipmouths and unsorted and unidentified fishes.

The following species groups showed significant change in 1977 compared to the previous year.

Red Fishes, Basses, Congers etc.

The 1977 catch of red fishes, basses and congers were 6,500 tonnes which was a rise of 44% over the previous year. In terms of value their value in 1977 was \$11,780,000 which was an increase of 45% over the previous year.

Jacks And Mulletts

The 1977 catch of jacks and mullets was 7,900 tonnes or a rise of 147% over the previous year. In terms of value the 1977 catch value was \$17,100,000 or a 148% increase over the previous year.

Mackerels, Bill-fishes etc.

This group showed a big increase from 2,000 tonnes in 1976 to 7,400 tonnes in 1977 — an increase by 270%.

Their 1977 value was \$15,700,000 which was a 272% rise in value over the previous year.

Slipmouths

Slipmouths showed a big decrease in 1977. The 1977 catch of 400 tonnes was a 87% decrease compared to 1976. Value wise the 1977 catch value was only \$240,000 or a drop of 86% under the previous year.

B. FOREIGN TRADE IN FISH AND FISHERIES PRODUCTS

Total fisheries imports in 1977 were 4,021.40 long tons valued at \$10,245,153, while fisheries exports were 5,635.35 long tons valued at \$36,267,463.

The surplus balance of trade in 1977 of 1,613.95 long tons was valued at \$26,022,310.

The main imports in 1977 were canned fish, especially canned sardines and horse mackerels. The total value of canned fish imports were \$6,138,650 or about 60% of total imports.

The main exports were frozen prawns (\$29,952,701), salted molluscs (\$3,600,324) and fresh/chilled/frozen freshwater fishes (\$1,553,809). Prawns alone accounted for 83% of total export value in 1977.

(111) SARAWAK

A. CATCH

1. Catch In 1977

Sarawak's marine catches have been increasing since 1972. The 1977 catch was 83,295 metric tonnes which is about 14% more than the previous year.

2. Catch By Major Fisheries

The major fisheries in Sarawak are the trawl fishery, the gill/drift net fishery and the scoop/push/lift net fishery.

With the exception of the gill/drift net fishery, the other two fisheries showed an increase in catches in 1977.

The trawl fishery landed 45,583 tonnes in 1977 which is a 4% increase over the previous year. In terms of total catches in 1977, the trawl fishery accounted for about 55% of total catches. Most of these trawlers are prawn trawlers while the rest are fish trawlers.

The gill/drift net fishery landed 15,239 tonnes in 1977 which was a decrease of 27% compared to the previous year. In terms of total catches, this fishery landed more than 18% of the total catch in 1977.

The scoop/push/lift net fishery landed 13,720 tonnes in 1977 which was a 558% increase over the previous year. In terms of total catches this fishery accounted for 16.5% of total catches in 1977. The major species caught by this fishery was jelly fish.

3. Catch By Major Species

The 1977 catch composed of 55,998 tonnes of fishes, 10,177 tonnes of crustaceans, 1,080 tonnes of molluscs and 16,040 tonnes of jelly fish.

The species varieties found in Sarawak waters is similar to those in Peninsular Malaysian waters and in 1977 there has been a general increase in catches of most species compared to last year.

However, the most important species are as follows:

Jelly Fish

The jelly fish, which a few years ago had no value, today has become a very profitable species due to the demand by Japanese importers. Jelly fish processing sheds are a common feature in most fishing centres here.

Jelly fish catch in 1977 was 16,040 tonnes compared to 1,423 tonnes in 1976. This is a rise of 1027%!

Trash Fish

Trashfish is mainly caught by trawlers and their 1977 landing of trashfish was 12,480 tonnes which is a rise of 4% compared to last year.

Unsorted And Unidentified Fishes

The 1977 catch of this group was 10,473 tonnes which is a decrease of 29% compared to last year. This decrease could be due to better sorting of species by fishing crews.

Prawns

Prawns catches, mainly by trawlers, in 1977 was 9,483 tonnes which is a decrease of more than 8% compared to the previous year.

B. FOREIGN TRADE IN FISH AND FISHERIES PRODUCTS

Total imports into Sarawak in 1977 were 2,158.95 long tons valued at \$4,596,550. Compared to

last year this is an increase of 23% quantity-wise and 19% increase value-wise.

Total exports from Sarawak in 1977 were 3,105.53 long tons valued at \$21,904,917. Compared to 1976 this is an increase of 42% quantity-wise and an increase of 51% value-wise.

(Note: All quantities are in metric tonnes except import-export data, and all values are in Malaysian dollars).

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



Perikanan Laut
SEMANANJUNG MALAYSIA

Marine Fisheries
Peninsular Malaysia

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN NELAYAN-NELAYAN YANG BEKERJA DI BOT-BOT BERLESEN – 1977)
(NUMBER OF FISHERMEN WORKING IN LICENSED BOATS – 1977)

Jadual (Table)

1.1

Negeri (State) Bangsa (Race)	PANTAI BARAT (WEST COAST)									PANTAI TIMUR (EAST COAST)					Jumlah Besar (Grand Total)
	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (West Johore)	Jumlah Kecil (Sub-Total)	Kelantan	Trengganu	Pahang	Johor Timur (East Johore)	Jumlah Kecil (Sub-Total)	
Melayu (Malays)	1,238	6,258	2,712	2,555	636	200	863	4,752	19,214	5,374	12,536	3,456	3,793	25,159	44,373
Cina (Chinese)	202	1,522	3,266	11,959	6,243	256	885	4,006	28,339	—	14	185	1,593	1,792	30,131
India (Indians)	—	—	49	326	71	4	—	85	537	—	—	—	4	4	541
Lian-Lain (Others)	505	45	—	—	—	—	50	—	600	—	—	—	—	—	600
Jumlah (Total)	1,945	7,825	6,027	14,842	6,950	460	1,798	8,843	48,690	5,374	12,550	3,641	5,390	26,955	75,645

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT-BOT NELAYAN YANG DILESEN – 1977
(NUMBER OF FISHING BOATS LICENSED – 1977)

Jadual (Table)

1.2

Negeri (State) Jenis (Type)	PANTAI BARAT (WEST COAST)									PANTAI TIMUR (EAST COAST)					Jumlah Besar (Grand Total)
	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (West Johore)	Jumlah Kecil (Sub-Total)	Kelantan	Trengganu	Pahang	Johor Timur (East Johore)	Jumlah Kecil (Sub-Total)	
Injin Dalam (Inboard)	284	1,003	1,044	4,662	2,802	90	493	1,453	11,831	895	2,513	811	927	5,146	16,977
Injin Sangkut (Outboard)	75	356	592	131	118	31	196	800	2,299	173	7	23	273	476	2,775
Tiada Jentera (Non-Powered)	89	359	393	346	267	53	119	1,319	2,945	173	591	118	502	1,384	4,329
Jumlah (Total)	448	1,718	2,029	5,139	3,187	174	808	3,572	17,075	1,241	3,111	952	1,702	7,006	24,081

Jadual (Table)
1.3

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
Bilangan Nelayan-Nelayan Yang Bekerja Di Bot-Bot Berlesen
Mengikut Daerah-Daerah Perikanan, 1977
(Number of Fishermen Working in Licensed Boats
by Fisheries Districts, 1977)

Daerah-Daerah Perikanan (Fisheries Districts)	Melayu (Malay)	Cina (Chinese)	India (Indian)	Lain-Lain (Others)	Jumlah (Total)
1. Kuala Perlis	1,238	202	—	505	1,945
2. Langkawi	1,428	76	—	1	1,505
3. Kedah Utara	2,384	1,084	—	—	3,468
4. Kedah Selatan	2,446	362	—	44	2,852
5. Pulau Pinang Utara	652	1,027	29	—	1,708
6. Pulau Pinang Selatan	639	978	7	—	1,624
7. Seberang Prai	1,421	1,261	13	—	2,695
8. Krian	358	3,652	9	—	4,019
9. Larut & Matang	295	2,498	—	—	2,793
10. Dindings	1,641	3,545	319	—	5,505
11. Hilir Perak	261	2,264	—	—	2,525
12. Selangor Utara	150	1,800	—	—	1,950
13. Selangor Tengah	226	1,195	—	—	1,421
14. Pelabuhan Kelang	200	2,445	20	—	2,665
15. Selangor Selatan	60	803	51	—	914
16. Port Dickson	200	256	4	—	460
17. Melaka	863	885	—	50*	1,798
18. Muar	653	780	1	—	1,434
19. Batu Pahat	481	985	81	—	1,547
20. Pontian	1,125	1,579	—	—	2,704
21. Johor Bahru	2,493	662	3	—	3,158
22. Kota Tinggi	1,653	845	4	—	2,502
23. Mersing	2,140	748	—	—	2,888
24. Kuantan	1,898	72	—	—	1,970
25. Pekan	1,382	10	—	—	1,392
26. Kuala Rompin	176	103	—	—	279
27. Kemaman	2,401	9	—	—	2,410
28. Dungun	1,865	—	—	—	1,865
29. Marang	1,373	—	—	—	1,373
30. Kuala Trengganu	4,110	5	—	—	4,115
31. Besut	2,787	—	—	—	2,787
32. Kota Bharu	3,847	—	—	—	3,847
33. Bachok	1,527	—	—	—	1,527
Jumlah (Total)	44,373	30,131	541	600	75,645

* Portugis

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)

BILANGAN NELAYAN DAN PENTERNAK IKAN YANG DILATIH – 1977

(Number of Fishermen and Fish Farmers Trained – 1977)

Jadual (Table)

1.4

NEGERI (STATE)								
	Pusat Latihan Perikanan Laut, Pulau Pinang (Marine Fisheries School, Penang)	Pusat Latihan Perikanan Laut, Kuala Trengganu (Marine Fish- eries School, Kuala Trengganu)	Institusi Latihan Nelayan (Fisher- men Training Institute) Batu Maung.		JUMLAH (TOTAL)	Kursus Penoh 21 hari (Full Courses 21 days)	Kursus jangka pendek 3 – 4 hari (Short Courses 3 – 4 days)	
			Pelatih Pengambil- an 1977 (Intake of Trainees 1977)	Pelatih Tahun Kedua (Appren- tice)		BUKIT TINGGI	MACHANG	ENGGOR
PERLIS	2	—	—	—	2	3	—	—
KEDAH	8	—	11	2	21	18	—	—
PULAU PINANG	13	—	5	—	18	12	—	—
PERAK	19	—	5	2	26	12	—	7
SELANGOR	5	—	2	—	7	15	—	—
NEGERI SEMBILAN	—	—	4	2	6	22	—	10
MELAKA	2	—	—	—	2	10	—	—
JOHOR	11	4	5	4	24	31	—	—
PAHANG	—	11	2	1	14	25	—	—
TRENGGANU	—	18	11	6	35	17	—	—
KELANTAN	—	6	5	4	15	21	8	—
SARAWAK	8	—	7	6	21	—	—	—
SABAH	—	—	10	4	14	—	—	—
PENEMPATAN SEMULA (RE- SETTLEMENT)	1	—	—	—	1	—	—	—
JUMLAH (TOTAL)	69	39	67	31	206	186	8	17

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN PERKAKAS-PERKAKAS MENANGKAP IKAN YANG DILESENKAN 1977
(Number of Fishing Gears Licensed – 1977)

Jadual (Table)
1.5

Kumpulan Perkakas (Gear Group)		Negeri (State)	PANTAI BARAT (WEST COAST)							PANTAI TIMUR (EAST COAST)					Jumlah Besar (Grand Total)		
			Perlis	Kedah	P.Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (Johore West)	Jumlah Kecil (Sub- Total)	Kelantan	Trengganu	Pahang		Johor Timur (East Johore)	Jumlah Kecil (Sub- Total)
Pukat-Pukat Tunda (Trawl Nets)			72	376	215	1,600	452	—	—	314	3,029	175	414	352	315	1,256	4,285
Pukat-Pukat Tarik (Seine Nets)			92	213	334	1,120	38	7	5	68	1,877	90	290	79	103	562	2,439
Pukat-Pukat Hanyut (Drift/Gill Nets)			168	751	1,105	1,903	2,225	137	777	1,866	8,932	397	459	217	562	1,635	10,567
Pukat-Pukat Tangguk (Lift Nets)			2	43	—	—	—	—	—	7	52	46	86	38	60	230	282
Perangkap- Perangkap (Traps)	Belat-Belat (Stakes)		—	34	8	18	—	—	7	167	234	—	—	8	112	120	354
	Bubu (Portable)		2	12	65	55	1	16	1	60	212	34	210	160	63	467	679
Pancing (Lines)			3	7	43	217	205	25	48	126	674	—	—	291	40	331	1,005
Pukat-Pukat Bakul (Bag Nets)			—	105	390	228	663	—	—	173	1,559	—	—	2	282	284	1,843
Pukat-Pukat Rentang (Barrier Nets)			1	12	2	—	36	—	5	135	191	—	—	—	34	34	225
Pukat-Pukat Surung (Push Nets)			—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Memungut Siput (Shellfish)			—	3	1,101	2,226	15	—	8	3	3,356	—	—	—	—	—	3,356
Rampaian (Miscellaneous)			—	3	—	47	20	1	—	—	71	—	—	—	—	—	71
JUMLAH (TOTAL):			340	1,559	3,263	7,414	3,655	186	852	2,919	20,188	742	1,459	1,147	1,571	4,919	25,107

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ANGGARAN PERKAKAS-PERKAKAS MENANGKAP IKAN YANG DIUSAHAKAN - 1977
 (Estimated Fishing Gears in Operation - 1977)

Jadual (Table)

1.6

Negeri (State)	PANTAI BARAT (WEST COAST)									PANTAI TIMUR (EAST COAST)					Jumlah Besar (Grand Total)
	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (Johore West)	Jumlah Kecil (Sub- Total)	Kelantan	Trengganu	Pahang	Johor Timur (Johore East)	Jumlah Kecil (Sub- Total)	
Kumpulan Perkakas (Gear Group)															
Pukat-Pukat Tunda (Trawl Nets)	148	519	137	1,770	1,335	—	—	286	4,195	117	474	215	178	984	5,179
Pukat-Pukat Tarik (Seine Nets)	58	139	263	595	41	10	13	85	1,204	60	162	39	63	324	1,528
Pukat-Pukat Hanyut (Drift/Gill Nets)	80	598	788	1,256	873	101	550	1,715	5,951	220	298	79	116	713	6,674
Pukat-Pukat Tangguk (Lift Nets)	1	16	1	—	17	—	—	1	36	54	81	22	32	189	225
Perangkap- Perangkap (Traps)	Belat-Belat (Stakes)	—	20	2	17	—	—	6	197	242	—	—	4	46	292
	Bubu (Portable)	—	3	24	12	—	—	56	98	25	136	101	8	270	368
Pancing (Lines)	16	101	50	160	192	20	61	188	788	321	608	137	104	1,170	1,958
Pukat-Pukat Bakul (Bag Nets)	—	99	143	110	210	1	—	75	638	—	—	1	285	286	924
Pukat-Pukat Rentang (Barrier Nets)	—	24	—	—	19	—	5	32	80	—	—	—	7	7	87
Pukat-Pukat Surung (Push Nets)	—	69	88	13	—	—	30	379	579	7	—	—	8	15	594
Memungut Siput (Shellfish)	—	3	50	387	21	—	—	—	461	—	—	—	—	—	461
Rampaiian (Miscellaneous)	16	—	29	108	20	—	8	—	181	16	106	—	70	192	373
JUMLAH (TOTAL):—	319	1,591	1,575	4,428	2,728	135	673	3,014	14,463	820	1,865	598	917	4,200	18,663

Jadual (Table)
1.7

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
Bilangan Perahu-Perahu Mengikut Daerah-Daerah Perikanan Yang Dilesenkan
(Number of Fishing Boats Licensed By Fisheries Districts)

1977

Daerah-Daerah Perikanan (Fisheries Districts)	Injin Dalam (Inboard Engine)	Injin Sangkut (Outboard Engine)	Tiada Jentera (Non Powered)	Jumlah (Total)
1. Kuala Perlis	284	75	89	448
2. Langkawi	131	195	64	390
3. Kedah Utara	621	39	53	713
4. Kedah Selatan	251	122	242	615
5. Pulau Pinang Utara	237	268	113	618
6. Pulau Pinang Selatan	246	247	35	528
7. Seberang Perai	561	77	245	883
8. Krian	1,356	36	98	1,490
9. Larut & Matang	1,199	81	92	1,372
10. Dindings	1,420	12	52	1,484
11. Hilir Perak	687	2	104	793
12. Selangor Utara	688	48	55	791
13. Selangor Tengah	607	28	64	699
14. Pelabuhan Kelang	1,172	23	130	1,325
15. Selangor Selatan	335	19	18	372
16. Port Dickson	90	31	53	174
17. Melaka	493	196	119	808
18. Muar	287	170	219	676
19. Batu Pahat	484	104	137	725
20. Pontian	644	81	301	1,026
21. Johor Bahru	38	445	662	1,145
22. Kota Tinggi	393	221	428	1,042
23. Mersing	534	52	74	660
24. Kuantan	374	8	50	432
25. Pekan	317	9	57	383
26. K. Rompin	120	6	11	137
27. Kemaman	449	4	91	544
28. Dungun	438	—	35	473
29. Marang	281	—	40	321
30. Kuala Trengganu	868	3	180	1,051
31. Besut	477	—	245	722
32. Kota Bharu	675	129	28	832
33. Bachok	220	44	145	409
Jumlah (Total)	16,977	2,775	4,329	24,081

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Ringkasan Bot-Bot Berjentera Dalam Yang Dilesenkan Dalam Tahun 1977
(Summary of Inboard-Powered Fishing Boats Registered in 1977)

Jadual (Table)

1.8

Butir-Butir (Description)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Pajang (Dimension—Length)													
Kurang dari 25 kaki (under 25 ft.)	5	3	37	215	26	3	18	235	180	32	126	77	957
25 – 39 kaki (25 – 39 ft.)	158	364	695	3,838	2,089	78	393	474	1,703	566	1,084	471	11,913
40 – 54 kaki (40 – 54 ft.)	58	311	214	549	677	9	82	151	574	196	239	286	3,346
55 kaki dan lebih (55 ft. & over)	63	325	98	60	10	—	—	35	56	17	4	93	761
Jumlah (Total) :	284	1,003	1,044	4,662	2,802	90	493	895	2,513	811	1,453	927	16,977
Muatan Berat (Tonnage-Formula)													
$\frac{L \times B \times D \times 0.8}{100}$													
0 – 4.9 tan (0 – 4.9 tons)	43	196	431	2,216	542	25	117	386	448	135	741	252	5,532
5 – 9.9 tan (5 – 9.9 tons)	72	140	306	1,462	1,414	63	368	226	1,089	397	584	289	6,410
10 – 14.9 tan (10 – 14.9 tons)	56	85	29	444	329	2	4	134	607	129	82	89	1,990
15 – 19.9 tan (15 – 19.9 tons)	21	61	23	91	137	—	3	57	180	32	26	48	679
20 – 24.9 tan (20 – 24.9 tons)	9	36	10	37	74	—	—	23	72	17	12	61	351
25 – 49.9 tan (25 – 49.9 tons)	81	437	223	390	300	—	1	59	111	96	8	176	1,882
50 – 99.9 tan (50 – 99.9 tons)	2	48	22	21	6	—	—	9	6	5	—	12	131
100 – 249.9 tan (100 – 249.9 tons)	—	—	—	1	—	—	—	1	—	—	—	—	2
Jumlah (Total) :	284	1,003	1,044	4,662	2,802	90	493	895	2,513	811	1,453	927	16,977

Ringkasan Bot-Bot Berjentera Dalam Yang Dilesenkan Dalam Tahun 1977
(Summary of Inboard-Powered Fishing Boats Registered in 1977)

Sambungan (Continued)

Butir-Butir (Description)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)	
Kekuatan Kuda (H.P. of engine)													
Kurang dari 5 kuda (under 5 h.p.)	8	33	20	113	63	8	30	286	238	25	264	98	1,186
5 — 9 kuda (5 — 9 h.p.)	45	146	248	799	494	46	310	232	711	192	473	211	3,907
10 — 19 kuda (10 — 19 h.p.)	15	64	48	413	554	29	133	134	709	230	332	196	2,857
20 — 39 kuda (20 — 39 h.p.)	124	143	447	2,774	1,041	7	17	156	612	213	243	101	5,878
40 — 59 kuda (40 — 59 h.p.)	6	25	6	69	186	—	2	42	106	20	110	12	584
60 — 79 kuda (60 — 79 h.p.)	7	31	9	12	40	—	1	18	53	10	14	30	225
80 — 99 kuda (80 — 99 h.p.)	14	8	9	14	44	—	—	1	7	15	1	16	129
100 kuda dan lebih (100h.p. & over)	65	553	257	468	380	—	—	26	77	106	16	263	2,211
Jumlah (Total) :	284	1,003	1,044	4,662	2,802	90	493	895	2,513	811	1,453	927	16,977
Pukat-Pukat Yang Digunakan (Type of Gears Used)													
Belat-Belat Besar (Fishing Stakes-Large)	—	—	—	4	1	—	—	—	—	—	23	17	45
Belat-Belat Kecil (Fishing Stakes-Small)	—	9	—	—	—	—	—	—	—	—	—	5	14
Pukat-Pukat Tarik (Seine Nets)	88	229	276	878	21	—	—	61	409	71	1	59	2,093
Jaring-Jaring Hanyut (Gill/Drift Nets)	61	297	444	1,494	2,001	76	481	279	331	74	1,020	179	6,737
Pukat-Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	45	229	49	—	37	360
Pukat-Pukat Surung (Push Nets)	—	—	—	20	—	—	—	—	—	—	—	—	20
Pukat-Pukat Bakul (Bag Nets)	—	—	59	100	184	—	—	—	—	—	44	53	440
Pukat-Pukat Rentang (Barrier Nets)	—	—	1	—	16	—	—	—	—	—	12	—	29
Pancing (Lines)	27	43	18	270	122	13	10	353	1,186	188	27	218	2,475
Bubu (Traps & Pots)	2	6	21	65	1	1	—	30	149	99	9	44	427
Memungut Siput (Shellfish Collection)	—	3	3	169	14	—	2	—	—	—	—	—	191
Rampaian (Miscellaneous)	—	—	—	13	4	—	—	—	—	—	2	—	19
Pukat Tunda (Trawlers)	106	416	215	1,620	426	—	—	126	175	330	309	308	4,031
Pengangkut Ikan (Fish Carriers)	—	—	7	29	12	—	—	1	34	—	6	7	96
Jumlah (Total) :	284	1,003	1,044	4,662	2,802	90	493	895	2,513	811	1,453	927	16,977

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
Ringkasan Bot-Bot Berjentera Sangkut Yang Dilesenkan Dalam Tahun 1977
(Summary of Outboard-Powered Fishing Boats) Registered in 1977)

Jadual (Table)
1.9

Butir-Butir (Description)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Panjang (Dimension—Length)													
Kurang dari 25 kaki (under 25 ft.)	74	329	584	127	115	29	195	30	5	19	774	259	2,540
25 — 39 kaki (25 — 39 ft.)	1	27	8	4	3	2	1	142	2	4	26	14	234
40 — 54 kaki (40 — 54 ft.)	—	—	—	—	—	—	—	1	—	—	—	—	1
55 kaki dan lebih (55 ft. & over)	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total):	75	356	592	131	118	31	196	173	7	23	800	273	2,775
Kekuatan Kuda (H.P. of Engine)													
Kurang dari 5 kuda (under 5 h.p.)	75	326	571	121	79	28	173	3	1	13	597	200	2,187
5 — 9 kuda (5 — 9 h.p.)	—	29	14	9	39	3	22	32	6	10	108	65	337
10 — 19 kuda (10 — 19 h.p.)	—	1	4	1	—	—	1	134	—	—	54	8	203
20 — 39 kuda (20 — 39 h.p.)	—	—	3	—	—	—	—	4	—	—	36	—	43
40 — 59 kuda (40 — 59 h.p.)	—	—	—	—	—	—	—	—	—	—	5	—	5
60 — 79 kuda (60 — 79 h.p.)	—	—	—	—	—	—	—	—	—	—	—	—	—
80 — 99 kuda (80 — 99 h.p.)	—	—	—	—	—	—	—	—	—	—	—	—	—
100 kuda dan lebih (100 h.p. & over)	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total):	75	356	592	131	118	31	196	173	7	23	800	273	2,775

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
Ringkasan Bot-Bot Tidak Berjentera Yang Dilesenkan Dalam Tahun 1977
(Summary of Non-Powered Fishing Boats Registered in 1977)

Jadual (Table)
1.10

Butir Butir (Description)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Panjang(Dimension—Length)													
Kurang dari 25 kaki (under 25 ft.)	83	326	391	342	188	53	116	137	460	75	1,314	481	3,966
25 — 39 kaki (25 — 39 ft.)	5	30	2	4	26	—	3	35	130	42	5	21	303
40 — 54 kaki (40 — 54 ft.)	1	2	—	—	52	—	—	1	1	1	—	—	58
55 kaki dan lebih (55 ft. & Over)	—	1	—	—	1	—	—	—	—	—	—	—	2
Jumlah (Total) :	89	359	393	346	267	53	119	173	591	118	1,319	502	4,329
Pukat-Pukat Yang Digunakan (Type of Gears Used)													
Belat-Belat Besar(Fishing Stakes-Large)	—	—	—	—	—	—	1	—	—	—	10	4	15
Belat-Belat Kecil(Fishing Stakes-Small)	—	4	5	1	4	—	3	—	—	—	3	6	26
Pukat-Pukat Tarik (Seine Nets)	2	41	44	54	5	4	9	9	142	28	41	14	393
Jaring Jaring Hanyut(Gill/Drift Nets)	62	207	247	76	69	31	47	28	72	18	464	43	1,364
Pukat-Pukat Tangguk(Lift Nets)	—	1	—	—	—	—	—	32	74	55	3	128	293
Pukat-Pukat Surung (Push Nets)	4	—	24	5	8	—	1	—	—	—	52	9	103
Pukat-Pukat Bakul (Bag Nets)	—	30	6	7	82	—	—	—	—	1	1	6	133
Pukat-Pukat Rentang (Barrier Nets)	—	4	—	—	17	—	4	—	—	—	62	11	98
Pancing (Lines)	21	67	62	86	67	17	54	104	292	16	642	251	1,679
Bubu (Traps and Pots)	—	1	1	3	1	—	—	—	—	—	14	—	20
Memungut Siput (Shellfish Collection)	—	—	3	36	2	—	—	—	—	—	—	—	41
Rampaian (Miscellaneous)	—	4	—	78	10	1	—	—	1	—	26	30	150
Pukat Tunda (Trawlers)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pengangkut Ikan (Fish Carriers)	—	—	1	—	2	—	—	—	10	—	1	—	14
Jumlah (Total) :	89	359	393	346	267	53	119	173	591	118	1,319	502	4,329

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

BILANGAN JENIS YUNIT-YUNIT MENANGKAP IKAN MENGIKUT KELAS MUATAN DAN NEGERI, 1977

1.11

(Number of Types of Fishing Units by Tonnage and State, 1977)

Kumpulan Perkakas (Gear Group)	0 - 4.9 tan (0 to 4.9 tons)												5 - 9.9 tan (5 to 9.9 tons)													
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)												Barat (West)	Timur (East)	
Pukat Tunda (Trawl Nets)	8	7	—	298	—	—	—	2	1	36	19	9	380	49	44	1	765	44	—	—	46	50	193	177	74	1,443
Pukat Tarik (Purse/Seine Nets)	—	—	—	4	—	—	—	—	3	—	—	—	7	—	—	3	20	—	—	—	1	22	—	—	—	46
	—	—	—	1	—	—	—	—	21	3	—	—	25	—	—	—	—	—	—	—	1	77	4	—	—	82
	—	3	134	577	1	—	—	6	4	2	—	4	731	—	—	88	76	—	—	—	4	46	—	1	2	215
Pukat Hanyut (Gill/Drift Nets)	27	147	230	921	348	21	116	207	42	27	635	95	2,816	18	80	198	505	1,268	53	357	60	209	40	375	74	3,237
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	9	18	8	—	—	35	—	—	—	—	—	—	—	20	159	21	—	1	201
Perangkap (Traps)	—	5	—	—	—	—	—	—	—	—	22	22	49	—	3	—	1	1	—	—	—	—	—	1	—	6
	—	—	—	4	1	1	—	2	10	13	2	3	36	1	1	4	12	—	—	—	1	30	47	5	32	133
Pancing (Hooks & Lines)	8	31	7	107	33	3	1	159	321	46	12	62	790	4	12	6	73	49	10	9	93	492	92	13	105	958
Pukat Bakul (Bag Nets)	—	—	59	100	142	—	—	—	—	—	37	53	391	—	—	—	—	33	—	—	—	—	—	6	—	39
Pukat Surung (Push/Scoop Nets)	—	—	—	20	—	—	—	—	—	—	—	—	20	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	1	—	4	—	—	—	—	—	7	—	12	—	—	—	—	11	—	—	—	—	—	5	—	16
Memungut Siput (Shell fish)	—	3	—	164	9	—	—	—	—	—	—	—	176	—	—	3	5	5	—	2	—	—	—	—	—	1
Rampaian (Miscellaneous)	—	—	—	12	4	—	—	—	—	—	2	—	18	—	—	—	1	—	—	—	—	—	—	—	—	1
Pembawa Ikan (Fish Carriers)	—	—	—	8	—	—	—	1	28	—	5	4	46	—	—	3	5	3	—	—	—	5	—	1	1	18
Jumlah (Total) :	43	196	431	2,216	542	25	117	386	448	135	741	252	5,532	72	140	306	1,462	1,414	63	368	226	1,089	397	584	289	6,410

Sambungan (Continued)

Kumpulan Perkakas (Gear Group)	10 – 14.9 tan (10 to 14.9 tons)													15 – 19.9 tan (15 to 19.9 tons)												
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trenaganu	Pahang	JOHOR		Jumlah (Total)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trenaganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)												Barat (West)	Timur (East)	
													2													X 2 = 1
Pukat Tunda (Trawl Nets)	36	35	—	300	77	—	—	45	61	34	74	39	701	8	32	—	42	55	—	—	13	18	5	23	37	233
Pukat Jerut Ikan (P.Seine-Fish)	1	3	8	14	—	—	—	2	35	—	—	—	63	4	4	9	7	—	—	—	7	25	5	—	1	62
Pukat Jerut Bili (P.Seine-Anchovy)	—	—	—	—	—	—	—	1	57	9	—	—	67	—	7	—	1	—	—	—	1	21	1	—	—	31
Lain-lain (Other Seines)	—	—	—	—	—	—	—	1	6	—	—	—	7	—	—	—	—	—	—	—	1	—	—	—	—	1
Pukat Hanyut (Gill Drift Nets)	8	43	12	62	237	2	4	4	79	5	6	9	471	5	18	3	5	65	—	3	6	1	2	2	—	110
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	11	42	5	—	1	59	—	—	—	—	—	—	—	3	9	9	—	2	23
Belat-Belat (Stakes)	—	1	—	1	—	—	—	—	—	—	—	—	2	—	—	—	2	—	—	—	—	—	—	—	—	2
Bubu (Portable)	1	3	4	17	—	—	—	3	33	35	2	5	103	—	—	8	4	—	—	—	5	38	4	—	—	59
Pancing(Hooks & Lines)	10	—	3	49	11	—	—	—	294	41	—	33	508	4	—	2	29	11	—	—	22	66	6	—	8	148
Pukat Bakul(Bag Nets)	—	—	—	—	3	—	—	—	—	—	—	—	3	—	—	—	—	3	—	—	—	—	—	1	—	4
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	—	—	2	1	—	—	—	—	—	—	—	2	5	—	—	1	1	3	—	—	—	1	—	—	—	6
Jumlah (Total) :	56	85	29	444	329	2	4	134	607	129	82	89	1,990	21	61	23	91	137	—	3	57	180	32	26	48	679

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Ringkasan Bot-Bot Berjentera Sangkut Yang Dilesenkan Dalam Tahun 1977
(Summary of Outboard-Powered Fishing Boats Registered in 1977)

Sambungan (Continued)

Butir-Butir (Description)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)	
Pukat-Pukat Yang Digunakan (Type of Gears Used)													
Belat-Belat Besar (Fishing Stakes — Large)	—	—	—	1	—	—	1	—	—	—	47	5	54
Belat-Belat Kecil (Fishing Stakes — Small)	—	6	—	—	—	—	1	—	—	—	8	2	17
Pukat-Pukat Tarik (Seine Nets)	6	16	2	29	9	2	3	30	—	9	23	4	133
Jaring-Jaring Hanyut (Gill/Drift Nets)	57	276	346	41	81	15	128	11	—	11	411	63	1,440
Pukat-Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	46	3	—	—	31	80
Pukat-Pukat Surung (Pust Nets)	—	—	10	4	6	—	—	—	—	—	18	—	38
Pukat-Pukat Bakul (Bag Nets)	—	9	136	12	—	—	—	—	—	—	2	43	202
Pukat-Pukat Rentang (Barrier Nets)	—	6	1	—	1	—	1	—	—	—	13	19	41
Pancing (Lines)	12	42	95	18	15	14	62	86	3	3	228	84	662
Bubu (Traps & Pots)	—	1	2	—	1	—	—	—	—	—	24	4	32
Memungut Siput (Shellfish Collection)	—	—	—	4	—	—	—	—	—	—	—	—	4
Rampaian (Miscellaneous)	—	—	—	22	5	—	—	—	—	—	9	18	54
Pukat Tunda (Trawlers)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pegangkut Ikan (Fish Carriers)	—	—	—	—	—	—	—	—	1	—	17	—	18
Jumlah (Total) :	75	356	592	131	118	31	196	173	7	23	800	273	2,775

Kumpulan Perkakas (Gear Group)	20 - 24.9 tan (20 to 24.9 tons)													25 - 49.9 tan (25 to 49.9 tons)												
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)												Barat (West)	Timur (East)	
Pukat Tunda (Trawl Nets)	-	14	-	17	21	-	-	2	3	4	8	47	176	5	280	192	197	223	-	-	18	36	54	8	98	1,111
P. Pukat Tarik (Purse/Seine Nets)																										
Pukat Jerut Ikan (P.Seine-Fish)	6	2	6	9	5	-	-	6	31	6	-	3	74	74	56	28	137	13	-	-	23	50	35	-	47	463
Pukat Jerut Biliis (P.Seine-Anchovy)	-	11	-	3	1	-	-	-	9	2	-	-	26	1	100	-	22	1	-	-	-	2	3	-	-	129
Lain-lain (Other Seines)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat Hanyut (Gill/Drift Nets)	2	8	-	-	37	-	-	2	-	-	2	-	51	1	1	1	1	46	-	1	-	-	-	-	1	52
Pukat Tangguk (Lift Nets)	-	-	-	-	-	-	-	2	-	3	-	9	14	-	-	-	-	-	-	-	-	1	3	-	24	28
Perangkap (Traps)																										
Belat-Belat (Stakes)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bubu (Portable)	-	1	3	7	-	-	-	7	19	-	-	-	37	-	-	2	21	-	-	-	12	19	-	-	1	55
Pancing (Hooks & Lines)	1	-	-	1	7	-	-	4	10	2	2	2	29	-	-	-	11	11	-	-	6	3	1	-	5	37
Pukat Baku/ (Bag Nets)	-	-	-	-	2	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	1
Pukat Burung (Push/Scoop Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat Rentang (Barrier Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Memungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rampian (Miscellaneous)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pembawa Ikan (Fish Carriers)	-	-	1	-	1	-	-	-	-	-	-	-	2	-	-	-	1	5	-	-	-	-	-	-	-	6
Jumlah (Total):	9	36	10	37	74	-	-	23	72	17	12	61	351	81	437	223	390	300	-	1	59	111	96	8	176	1,882

Sambungan (Continued)

Kumpulan Perkakas (Gear Group)	50 – 99.9 tan (50 to 99.9 tons)												100 – 249.9 tan (100 to 249.9 tons)														
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)	
											Barat (West)	Timur (East)												Barat (West)	Timur (East)		
Pukat Tunda (Trawl Net)	-	4	22	1	6	-	-	-	6	4	-	4	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P. Pukat Tarik (Purse/Seine Net)																											
Pukat Jerut Ikan (P.Seine-Fish)	1	3	-	4	-	-	-	7	-	1	-	2	18	-	-	-	1	-	-	-	1	-	-	-	-	-	2
Pukat Jerut Bilis (P.Seine-Anchovy)	1	40	-	3	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lain-Lain (Other Seines)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat Hanyut (Gill/Drift Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat Tangguk (Lift Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perangkap (Traps)																											
Belat-Belat (Stakes)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bubu (Portable)	-	1	-	-	-	-	-	-	-	-	-	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pancing (Hooks & Lines)	-	-	-	-	-	-	-	2	-	-	-	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat Bakul (Bag Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat Surung (Push/Scoop Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat Rentang (Barrier Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Memungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rampaian (Miscellaneous)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pembawa Ikan (Fish Carriers)	-	-	-	13	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah (Total) :	2	48	22	21	6	-	-	9	6	5	-	12	131	-	-	-	1	-	-	-	1	-	-	-	-	-	2

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
Bilangan Nelayan-Nelayan yang bekerja di Bot-bot Berlesen
(Number of Fishermen Operating Licensed Boats)
1961 — 1977

Jadual (Table)
1.12

Tahun (Year)	Bilangan Nelayan-Nelayan (Number of Fishermen)	Peratus Tambahan atau Pengurangan (Percentage Increase or Decrease)
1961	53,083	
1962	55,510	+ 4.57
1963	59,449	+ 7.10
1964	61,465	+ 3.39
1965	68,188	+10.94
1966	62,457	- 8.40
1967	62,153	- 0.49
1968	61,501	- 1.05
1969	63,614	+ 3.44
1970	68,154	+ 7.14
1971	67,961	- 0.28
1972	69,252	+ 1.90
1973	68,308	+ 1.36
1974	70,805	+ 3.66
1975	73,304	+ 3.53
1976	73,536	+ 0.32
1977	75,645	+ 2.87

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
Bilangan Bot-Bot yang dilesenkan
(Number of Fishing Boats Licensed)
1961 — 1977

Jadual (Table)
1.13

Tahun (Year)	Bot Injin Dalam (Inboard Engine Boat)		Bot Injin Sangkut (Outboard Engine Boat)		Bot Tiada Berjentera (Non Powered Boat)		Jumlah (TOTAL)	
	Nombor (Number)	Peratus (Percentage)	Nombor (Number)	Peratus (Percentage)	Nombor (Number)	Peratus (Percentage)	Nombor (Number)	Peratus (Percentage)
1961	4,824	21.01	4,841	21.09	13,293	57.90	22,958	100
1962	5,468	24.65	4,377	19.73	12,338	55.62	22,183	100
1963	6,426	28.24	4,057	17.83	12,271	53.93	22,754	100
1964	6,983	32.28	3,744	17.31	10,903	50.41	21,630	100
1965	8,374	37.28	3,908	17.40	10,182	45.32	22,464	100
1966	9,298	44.48	3,237	15.48	8,371	40.04	20,906	100
1967	10,145	50.13	2,887	14.27	7,204	35.60	20,236	100
1968	10,629	54.64	2,531	13.01	6,293	32.35	19,453	100
1969	11,399	59.42	2,177	11.35	5,608	29.23	19,184	100
1970	12,865	63.36	2,164	10.66	5,277	25.98	20,306	100
1971	14,284	67.57	2,036	9.63	4,821	22.80	21,141	100
1972	14,945	69.13	2,009	9.29	4,665	21.58	21,619	100
1973	15,596	70.36	2,004	9.04	4,567	20.60	22,167	100
1974	16,205	72.42	2,100	9.38	4,072	18.20	22,377	100
1975	16,081	72.61	2,138	9.65	3,928	17.74	22,147	100
1976	16,142	71.31	2,342	10.35	4,151	18.34	22,635	100
1977	16,977	70.50	2,775	11.52	4,329	17.98	24,081	100

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

Ringkasan Bilangan Bot-Bot Nelayan Berjentera Dalam Mengikut Nama Injin dan Negeri, 1977
(Summary-Number of Inboard-Powered Fishing Boats by State and by Trade Name of Engine, 1977)

1.14

Nama Injin (Trade Name of Engine)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)	
YANMAR	109	321	193	1,269	1,381	61	273	823	2,138	587	883	522	8,560
DAIYA	11	18	72	293	298	12	150	23	174	55	238	49	1,393
LEYLAND	31	142	33	37	200	—	—	—	9	26	47	97	622
PETTER	2	11	73	163	79	7	6	1	66	7	6	4	425
KUBOTA	2	5	11	123	56	10	53	1	21	1	106	15	404
GARDNER	8	21	1	40	112	—	—	1	—	7	17	9	216
A.E.C.	32	120	185	294	154	—	—	2	30	60	40	98	1,015
DONG PENG	—	10	7	18	30	—	—	—	—	4	1	32	102
LISTER	1	4	—	5	4	—	—	11	9	2	6	3	45
CUMMINS	1	141	20	87	130	—	—	1	1	2	1	31	415
MERCEDES	61	133	321	1,237	122	—	1	—	3	6	48	22	1,954
BUKH	—	1	—	1	9	—	—	5	34	11	—	—	61
G. MARINE	—	2	4	—	—	—	—	—	1	—	—	—	7
M.W.M.	1	2	1	—	2	—	—	—	5	—	1	7	19
ALBION	—	1	2	—	—	—	—	—	—	3	—	—	6
PERKINS	18	5	89	1,022	182	—	2	—	2	9	27	21	1,377
LAIN-LAIN (OTHERS)	7	66	32	73	43	—	8	27	20	31	32	17	356
JUMLAH(TOTAL)	284	1,003	1,044	4,662	2,802	90	493	895	2,513	811	1,453	927	16,977

Bilangan Bot-Bot Nelayan Berjentera Dalam Mengikut Nama Injin dan Kuasa Kuda, 1977
(Number of Inboard-Powered Fishing Boats by Trade Name of Engine and Horsepower, 1977)

1.15

Nama Injin (Trade Name of Engine)	Kurang dari 5 k.K. (under 5 h.P.)												Dari 5 k.K. — 9 K.K. (From 5 h.P. to 9 h.P.)													
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)												Barat (West)	Timur (East)	
YANMAR	8	31	16	104	60	8	30	283	236	24	240	96	1,136	34	127	119	338	239	26	114	221	626	156	210	168	2,378
DAIYA	-	-	1	3	1	-	-	1	1	1	4	-	12	8	12	60	240	206	9	138	10	67	28	175	29	982
LEYLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
PETTER	-	-	1	2	-	-	-	-	-	-	-	-	3	-	-	56	116	4	2	1	-	5	1	2	-	187
KUBOTA	-	1	1	2	-	-	-	-	-	-	16	1	21	2	3	10	103	38	9	53	1	9	1	78	8	315
GARDNER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A.E.C.	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
D. FENG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISTER	-	-	-	1	-	-	-	-	-	-	-	1	2	1	3	-	-	2	-	-	-	1	-	1	-	8
CUMMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MERCEDES	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
BUKH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	3	5	-	-	10
G. MARINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M.W.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
ALBION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERKINS	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-	1	2
LAIN-LAIN (OTHERS)	-	1	-	1	2	-	-	2	-	-	3	-	9	-	1	3	1	3	-	4	-	-	1	6	3	22
JUMLAH (TOTAL)	8	33	20	113	63	8	30	286	238	25	264	98	1,186	45	146	248	799	494	46	310	232	711	192	473	211	3,907

Sambungan (Continued)

Nama Injin (Trade Name of Engine)	Dari 10 K.k. — 19 k.k. (From 10h.p. to 19 h.p.)													Dari 20 k.k. — 39 k.k. (From 20 h.p. to 39 h.p.)												
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)												Barat (West)	Timur (East)	
YANMAR	13	49	20	322	423	21	112	127	572	201	272	176	2,308	51	82	37	493	612	6	14	138	543	186	152	58	2,372
DAIYA	—	3	8	18	40	2	12	3	62	17	25	11	201	2	1	3	32	44	1	—	1	35	8	21	7	155
LEYLAND	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	1	—	42	—	—	—	—	—	2	3	49
PETTER	2	11	15	43	72	5	5	1	59	6	3	4	226	—	—	—	2	3	—	—	—	2	—	1	—	8
KUBOTA	—	—	—	9	8	1	—	—	9	—	3	2	32	—	—	—	7	8	—	—	—	1	—	8	1	25
GARDNER	—	—	—	—	—	—	—	—	—	—	—	—	—	1	7	—	1	14	—	—	1	—	—	2	—	26
A.E.C.	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	2	—	—	—	—	4	—	1	—	7
D. FENG	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	1	3	22	—	—	—	—	2	—	—	28
LISTER	—	—	—	2	2	—	—	1	—	1	1	—	7	—	1	—	2	—	—	—	10	8	1	4	1	27
CUMMINS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MERCEDES	—	—	—	5	1	—	—	—	—	—	8	—	14	48	38	301	1,184	99	—	1	—	—	—	34	4	1,709
BUKH	—	—	—	—	1	—	—	—	2	3	—	—	6	—	1	—	—	3	—	—	3	11	—	—	—	18
G. MARINE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
M.W M.	—	—	—	—	—	—	—	—	1	—	—	1	2	1	1	—	—	1	—	—	—	4	—	—	5	12
ALBION	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1
PERKINS	—	—	2	1	6	—	1	—	—	—	10	—	20	17	5	87	1,001	169	—	1	—	2	9	13	20	1,324
LAIN-LAIN (OTHERS)	—	1	3	12	1	—	3	2	3	2	10	1	38	4	5	17	47	24	—	1	3	2	6	5	2	116
JUMLAH (TOTAL)	15	64	48	413	554	29	133	134	709	230	332	196	2,857	124	143	447	2,774	1,041	7	17	156	612	213	243	101	5,878

Sambungan (Continued)

Nama Injin (Trade Name of Engine)	Dari 40 k.k. – 59 k.k. (From 40 h.p. to 59 h.p.)													Dari 60 k.k. – 79 k.k. (From 60 h.p. to 79 h.p.)												
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)												Barat (West)	Timur (East)	
YANMAR	3	4	1	9	33	—	2	36	81	7	9	4	189	—	13	—	1	5	—	1	14	42	1	—	7	84
DAIYA	1	2	—	—	4	—	—	5	9	1	13	—	35	—	—	—	—	3	—	—	3	—	—	—	1	7
LEYLAND	1	9	—	2	29	—	—	—	—	2	41	2	86	3	8	7	2	7	—	—	—	2	2	3	3	37
PETTER	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
KUBOTA	—	1	—	2	2	—	—	—	1	—	1	1	8	—	—	—	—	3	—	—	—	1	—	—	2	6
GARDNER	—	4	—	36	77	—	—	—	—	6	14	2	139	—	9	1	3	12	—	—	—	—	1	1	7	34
A.E.C.	—	—	—	—	23	—	—	—	—	—	17	1	41	4	1	1	4	6	—	—	—	1	6	8	3	34
D. FENG	—	—	—	—	2	—	—	—	—	—	1	1	4	—	—	—	1	—	—	—	—	—	—	—	—	1
LISTER	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
CUMMINS	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	—	—	1
MERCEDES	—	3	2	—	3	—	—	—	—	—	4	1	13	—	—	—	—	—	—	—	—	—	—	1	1	2
BUKH	—	—	—	—	3	—	—	1	15	3	—	—	22	—	—	—	—	1	—	—	1	3	—	—	—	5
G. MARINE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
M.W.M.	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
ALBION	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PERKINS	1	—	—	19	4	—	—	—	—	—	3	—	27	—	—	—	—	1	—	—	—	—	—	—	—	1
LAIN-LAIN (OTHERS)	—	2	2	1	4	—	—	—	—	1	7	—	17	—	—	—	1	1	—	—	—	4	—	1	5	12
JUMLAH (TOTAL)	6	25	6	69	186	—	2	42	106	20	110	12	584	7	31	9	12	40	—	1	18	53	10	14	30	225

Sambungan (Continued)

Nama Injin (Trade Name of Engine)	Dari 80 k.k. — 99 k.k. (From 80 h.p. to 99 h.p.)													100 k.k. dan keatas (100 h.p. and above)												
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Kelantan	Trengganu	Pahang	JOHOR		Jumlah (Total)
											Barat (West)	Timur (East)												Barat (West)	Timur (East)	
YANMAR	—	—	—	—	1	—	—	1	1	—	—	1	4	—	15	—	2	8	—	—	3	37	12	—	12	89
DAIYA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
LEYLAND	7	6	7	11	32	—	—	—	4	8	—	11	86	20	118	18	22	90	—	—	—	3	14	1	76	362
PETTER	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
KUBOTA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GARDNER	1	—	—	—	4	—	—	—	—	—	—	—	5	6	1	—	—	2	—	—	—	—	—	—	—	9
A.E.C.	6	—	—	—	6	—	—	—	2	7	—	2	22	23	119	184	288	119	—	—	2	21	47	14	92	909
D. FENG	—	2	—	—	—	—	—	—	—	—	—	—	2	—	8	6	13	6	—	—	—	—	2	—	31	66
LISTER	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CUMMINS	—	—	—	—	—	—	—	—	—	—	—	—	—	1	141	20	87	128	—	—	1	1	2	1	31	413
MERCEDES	1	—	—	2	—	—	—	—	—	—	1	1	5	12	92	17	46	19	—	—	—	3	6	—	15	210
BUKH	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
G. MARINE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	4	—	—	—	—	—	1	—	—	—	6
M.W.M.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	2
ALBION	—	—	1	—	—	—	—	—	—	—	—	—	1	—	1	1	—	—	—	—	—	—	—	—	—	4
PERKINS	—	—	—	1	1	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—
LAIN-LAIN (OTHERS)	—	—	1	—	—	—	—	—	—	—	—	1	2	3	56	6	10	8	—	—	20	11	21	—	5	140
JUMLAH(TOTAL)	14	8	9	14	44	—	—	1	7	15	1	16	129	65	553	257	468	380	—	—	26	77	106	16	263	2,211

HASIL PERIKANAN, 1977
(FISHERIES REVENUE, 1977)

1.16

JENIS HASIL (TYPE OF REVENUE) Negeri (State)	HASIL NEGERI (STATE REVENUE)					HASIL PERSEKUTUAN (FEDERAL REVENUE)										JUMLAH BESAR (GRAND TOTAL)
	Perahu (Boat)	Perikanan (Fishing)	Patil Perahu (Boat No. Plate)	Lain- lain (Others)	Jumlah (Total)	Jualan Perikanan (Fisheries Sales)			Pelbagai Bayaran & Pindah Milik (Miscel- laneous, boat transfer fee)	Sewa Rumah Kerajaan (Rent of Govern- ment House)	Kampaun atau Denda (Compound or Fine)	Bayaran Masuk Akuarium (Aquarium Entrance Fee)	Bilik-bilik Sejuk (Cold Room)	Lain-lain (Miscel- laneous)	Jumlah (Total)	
						Ikan (Fish)	Patil Belat (Stake No. Plate)	Lain-lain (Miscel- laneous)								
Perlis	5,023.77	1,626.00	450.00	—	7,099.77	—	—	—	236.50	—	—	—	—	—	236.50	7,336.27
Kedah	26,458.70	20,895.00	1,718.00	—	49,071.70	—	18.00	—	440.00	—	27,450.00	—	—	—	27,908.00	76,979.70
Pulau Pinang	16,436.77	15,771.00	2,029.00	—	34,236.77	445.29	—	—	585.70	5,145.09	30,550.00	144,958.80	—	*78.20	181,763.08	215,999.85
Perak	53,232.83	60,546.00	5,196.00	—	118,974.83	433.00	—	—	926.50	—	7,600.00	—	—	—	8,959.50	127,934.33
Selangor	33,294.75	27,753.00	3,190.00	—	64,237.75	593.00	—	@3,600.00	547.00	—	10,300.00	—	—	*32.00	15,072.00	79,309.75
Negeri Sembilan	509.91	372.00	174.00	—	1,055.91	—	—	—	44.50	—	—	—	—	—	44.50	1,100.41
Melaka	2,670.50	2,204.00	700.00	—	5,574.50	—	—	—	211.50	—	—	—	—	—	211.50	5,786.00
Kelantan	6,316.38	5,123.00	1,243.00	—	12,682.38	4.50	—	@10,645.00	304.50	—	1,250.00	—	7,030.00	—	19,234.00	31,916.38
Trengganu	18,748.18	11,913.00	3,115.00	+937.41	34,713.59	4,287.45	—	@23,853.67	830.50	150.00	9,300.00	—	17,398.55	*5,718.28	61,538.45	96,252.04
Pahang	8,702.57	10,698.00	906.00	—	20,306.57	—	—	—	262.50	—	3,150.00	—	3,385.00	—	6,797.50	27,104.07
Johor	26,559.71	34,248.00	5,294.00	—	66,101.71	235.50	3.00	—	480.50	—	6,100.00	—	—	—	6,819.00	72,920.71
Jumlah (Total)	197,954.07	191,149.00	24,015.00	937.41	414,055.48	5,998.74	21.00	38,098.67	4,869.70	5,295.09	95,700.00	144,958.80	27,813.55	5,828.48	328,584.03	742,639.51

+ Jualan Telor Penyu
(Sale of Turtle Eggs)

@ Jualan Bot Dirampas
(Sale of Confiscated Boats)

* Jualan Harta Kerajaan
(Sale of Government Property)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

Kilang-Kilang Air batu dan Kemudahan-Kemudahan Penyejuk di tarikh 31.12.1977

1.17

(Ice Factories and Refrigeration Facilities as at 31.12.1977)

Negeri (State)	ICE FACTORIES						REFRIGERATION ESTABLISHMENTS			Total Storage-Capacity	
	No.	Daily Production-Capacity			Storage-Capacity		No.	Storage-Capacity			
		Tons	Blocks	lb. per block	Ice (Tons)	Fish (Tons)		Ice (Tons)	Fish (Tons)	Ice (Tons)	Fish (Tons)
PERLIS	2	150	1,350	224 – 320	700	—	—	—	—	700	—
KEDAH	6	203	2,030	224	563	12	10	189	225	752	237
PULAU PINANG (PENANG)	20	596	4,110	224 – 320	580	2,846	16	73	5,526	653	8,372
PERAK	30	1,061	7,811	200 – 300	2,335	1,728	16	67	440	2,402	2,168
SELANGOR	31	40	1,017	40 – 310	—	—	12	342	20	342	20
NEGERI SEMBILAN	1	28	280	224	14	—	—	—	—	14	—
MELAKA (MALACCA)	2	75	525	320	241	300	—	—	—	241	300
KELANTAN	17	102	1,691	25 – 224	204	166	1	5	5	209	171
TRENGGANU	11	167	1,442	27 – 300	265	43	5	151	124	416	167
PAHANG	12	204	2,748	20 – 244	513	142	3	14	28	527	170
JOHOR (JOHORE)	23	289	2,569	224 – 320	207	20	16	294	40	501	60
	155	2,915	25,573	—	5,622	5,257	79	1,135	6,408	6,757	11,665

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT NEGERI BAGI TAHUN 1977
(Landings of Marine Fish by States for the year 1977)

Jadual (Table)

2.1

Negeri (State) Pendaratan (Landings)		Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah Besar (Grand Total)
		Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (Johore West)		Kelantan	Trengganu	Pahang	Johor Timur (Johore East)		
Kuantiti (Quantity)	Pikul (Piculs)	236,929	1,183,803	463,216	2,366,396	1,749,818	7,431	24,012	214,515	6,246,120	107,266	1,286,041	230,762	360,949	1,985,018	8,231,138
	M. Ton (M. Tonnes)	14,333	71,616	28,023	143,158	105,857	450	1,453	12,977	377,867	6,489	77,800	13,960	21,836	120,085	497,952
Peratus (Percentage)		2.88%	14.38%	5.63%	28.75%	21.26%	0.09%	0.29%	2.60%	75.88%	1.30%	15.63%	2.80%	4.39%	24.12%	100%

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

SEMANANGJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN NEGERI - 1977

2.2

(Landings of Marine Fish by Month and State - 1977)

Negeri (State)		Bulan (Month)	Jan. (Jan.)	Feb. (Feb.)	Mac. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Jul. (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
															Pikul (Piculs)	M. Ton (M. Tonnes)
Pantai Barat (West Coast)	Perlis		18,489	18,427	14,546	19,598	21,587	26,747	18,748	18,555	18,447	20,353	20,793	20,639	236,929	14,333
	Kedah		81,464	112,253	109,530	108,841	104,718	99,419	95,296	95,663	95,219	94,537	90,602	96,261	1,183,803	71,616
	Pulau Pinang		30,401	23,175	36,586	39,224	58,899	41,789	44,601	38,023	31,686	32,683	34,009	52,140	463,216	28,023
	Perak		145,235	130,746	154,796	157,411	164,119	208,583	228,745	246,768	203,088	209,423	254,351	263,131	2,366,396	143,158
	Selangor		156,221	142,252	149,935	132,131	137,213	145,509	142,900	151,975	153,968	145,685	140,871	151,158	1,749,818	105,857
	Negeri Sembilan		543	791	830	818	699	635	533	524	496	480	542	540	7,431	450
	Melaka		1,967	2,015	2,059	2,007	1,985	1,956	1,899	1,985	2,054	2,007	2,052	2,026	24,012	1,453
	Johor: Barat (West)		20,209	15,513	19,453	19,229	19,527	19,114	18,743	17,699	16,840	15,148	15,690	17,350	214,515	12,977
Pantai Timur (East Coast)	Jumlah Kecil (Sub-Total)		454,529	445,172	487,735	479,259	508,747	543,752	551,465	571,192	521,798	520,316	558,910	603,245	6,246,120	377,867
	Kelantan		2,663	4,675	9,020	7,151	9,270	9,811	12,180	13,671	12,540	12,590	9,313	4,382	107,266	6,489
	Trengganu		83,027	104,855	145,182	153,926	111,212	94,665	98,040	112,488	126,246	125,116	68,869	62,415	1,286,041	77,800
	Pahang		14,848	25,820	21,986	19,044	20,365	18,430	18,100	21,604	16,399	18,697	20,175	15,294	230,762	13,960
	Johor: Timur (East)		23,533	20,297	30,205	31,021	34,726	31,878	22,436	26,406	27,782	40,886	32,824	38,955	360,949	21,836
	Jumlah Kecil (Sub-Total)		124,071	155,647	206,393	211,142	175,573	154,784	150,756	174,169	182,967	197,289	131,181	121,046	1,985,018	120,085
	Jumlah Besar (Grand Total)	Pikul (Piculs)	578,600	600,819	694,128	690,401	684,320	698,536	702,221	745,361	704,765	717,605	690,091	724,291	8,231,138	
		M. Ton (M. Tonnes)	35,003	36,347	41,992	41,767	41,399	42,259	42,482	45,091	42,635	43,412	41,748	43,817		497,952

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

TANGKAPAN IKAN LAUT MENGIKUT DAERAH PERIKANAN DAN BULAN – 1977
(Landings of Marine Fish by Fisheries District and Month – 1977)

Negeri (State)	Daerah Perikanan (Fisheries District)	Jan. (Jan.)	Feb. (Feb.)	Mac. (Mar.)	Apr. (Apr.)	Mei (May)	Jun (June)	Jul. (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Perlis	Perlis	18,489	18,427	14,546	19,598	21,587	26,747	18,748	18,555	18,447	20,353	20,793	20,639	236,929	14,333
Kedah	Kedah Utara	63,434	86,282	83,312	80,577	76,945	73,300	74,031	75,297	75,418	74,037	73,653	76,633	912,919	55,228
	Kedah Selatan	11,422	17,988	16,017	17,707	17,530	15,232	11,944	12,906	12,277	12,907	11,785	14,874	172,589	10,441
	Langkawi	6,608	7,983	10,201	10,557	10,243	10,887	9,321	7,460	7,524	7,593	5,164	4,754	98,295	5,947
Pulau	P. Pinang Utara	10,345	6,572	7,435	12,033	14,461	10,476	8,864	8,832	8,842	8,470	8,399	3,046	107,775	6,520
Pinang	P. Pinang Selatan	7,838	3,255	2,689	3,339	4,274	4,649	4,216	4,672	3,545	9,481	5,371	14,631	67,960	4,111
(Penang)	Seb. Perai	12,218	13,348	26,462	23,852	40,164	26,664	31,521	24,519	19,299	14,732	20,239	34,463	287,481	17,392
Perak	Krian	20,709	17,624	21,879	24,811	19,443	19,998	19,809	20,542	20,970	79,837	59,443	59,469	384,534	23,263
	Larut & Matang	37,966	32,438	34,312	37,961	48,248	51,364	56,160	55,293	39,411	68,291	56,726	63,013	581,183	35,159
	Dindings	66,764	62,721	59,879	64,742	70,016	112,779	116,807	128,296	103,199	44,980	110,537	112,049	1,052,769	63,689
	Hilir Perak	19,796	17,963	38,726	29,897	26,412	24,442	35,969	42,637	39,508	16,315	27,645	28,600	347,910	21,047
Selangor	Selangor Utara	77,379	64,796	69,857	53,143	54,960	60,282	65,824	71,657	68,704	61,346	57,785	63,400	769,133	46,529
	Selangor Tengah	18,244	16,323	18,531	16,034	17,951	19,809	13,007	15,194	14,010	12,025	13,467	14,212	188,807	11,422
	Selangor Selatan	2,254	2,254	2,372	2,485	2,444	2,239	2,104	2,117	2,049	2,008	1,976	1,808	26,110	1,580
	Pelabuhan Kelang	58,344	58,879	59,175	60,469	61,858	63,179	61,965	63,007	69,205	70,306	67,643	71,738	765,768	46,326
Negeri Sembilan	Port Dickson	543	791	830	818	699	635	533	524	496	480	542	540	7,431	450
Melaka (Malacca)	Melaka	1,967	2,015	2,059	2,007	1,985	1,956	1,899	1,985	2,054	2,007	2,052	2,026	24,012	1,453

Sambungan (Continued)

Negeri (State)	Daerah Perikanan (Fisheries District)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Jul. (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	JUMLAH (TOTAL)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Johor (Johore)	Muar	4,274	3,466	3,605	4,071	4,015	4,481	4,034	4,153	3,503	3,492	3,419	3,613	46,126	2,790
	Batu Pahat	3,129	2,687	3,265	3,753	3,148	2,639	2,712	3,176	2,810	2,459	2,591	4,090	36,459	2,206
	Pontian	8,344	5,753	9,459	8,690	9,621	9,265	9,323	7,701	8,046	6,971	7,664	7,489	98,326	5,948
	Johor Bahru	4,462	3,607	3,124	2,715	2,743	2,729	2,674	2,669	2,481	2,226	2,016	2,158	33,604	2,033
	Kota Tinggi	11,186	11,703	21,646	21,228	23,701	21,677	16,873	18,366	15,408	14,576	16,442	14,611	207,417	12,548
	Mersing	12,347	8,594	8,559	9,793	11,025	10,201	5,563	8,040	12,374	26,310	16,382	24,344	153,532	9,288
Kelantan	Bachok	1,763	2,174	3,364	1,704	3,035	3,604	4,499	5,532	5,779	5,670	2,658	671	40,453	2,447
	Kota Bahru	900	2,501	5,656	5,447	6,235	6,207	7,681	8,139	6,761	6,920	6,655	3,711	66,813	4,042
Trengganu	Kuala Trengganu	15,569	24,488	43,595	44,190	35,525	30,895	30,548	28,431	30,826	28,959	12,312	14,101	339,439	20,535
	Marang	9,725	18,689	19,846	23,900	27,079	18,325	16,015	18,776	17,133	16,348	14,976	7,588	208,400	12,607
	Besut	30,393	41,529	59,897	61,086	29,004	29,687	32,451	41,680	53,491	51,037	11,960	8,723	450,937	27,280
	Dungun	12,154	10,161	10,777	14,548	12,715	11,801	13,197	14,669	14,884	14,793	8,622	13,405	151,726	9,179
	Kemaman	15,186	9,988	11,067	10,203	6,889	3,957	5,829	8,932	9,912	13,979	20,999	18,598	135,539	8,199
Pahang	Pahang Utara	10,673	19,138	14,330	8,397	9,000	7,847	8,361	12,456	7,241	7,699	10,428	9,687	125,257	7,577
	Pahang Tengah	1,175	2,761	3,491	4,657	5,247	4,506	3,639	3,798	3,901	4,676	2,753	1,347	41,951	2,538
	Pahang Selatan	3,000	3,921	4,165	5,990	6,118	6,077	6,100	5,350	5,257	6,322	6,994	4,260	63,554	3,845
JUMLAH (TOTAL)	Pikul (Piculs)	578,600	600,819	694,128	690,401	684,320	698,536	702,221	745,361	704,765	717,605	690,091	724,291	8,231,138	
	M. Ton (M. Tonnes)	35,003	36,347	41,992	41,767	41,399	42,259	42,482	45,091	42,635	43,412	41,748	43,817		497,952

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

Tangkapan Ikan Laut Mengikut Negeri Dan Kumpulan Perkakas – 1977

(Landing of Marine Fish by State and Gear Group – 1977)

Negeri (State)	Pantai Barat (West Coast)								Jumlah (Total)	Pantai Timur (East Coast)				Jumlah (Total)	Jumlah Besar (Grand Total)	
	Pertlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (J West)		Kelantan	Trengganu	Pahang	Johor Timur (J. East)		Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)	131,683	970,102	82,460	1,098,429	1,361,003	—	—	100,729	3,744,406	17,437	330,954	136,614	86,984	571,989	4,316,395	261,125
Pukat-Pukat Tarik (Seine Nets)	100,209	178,585	157,116	396,050	40,933	378	883	2,427	876,581	36,291	527,593	55,007	115,628	734,519	1,611,100	97,465
Pukat-Pukat Hanyut (Drift/Gill Nets)	4,292	18,234	44,656	89,750	41,551	5,769	15,765	46,230	266,247	21,446	103,548	6,342	7,464	138,800	405,047	24,504
Pukat-Pukat Tangguk (Lift Nets)	11	591	743	—	883	—	—	41	2,269	19,776	92,936	14,072	57,123	183,907	186,176	11,263
Belat-Belat (Stakes)	—	4,828	2,022	30,140	—	—	1,861	35,247	74,098	—	—	527	8,466	8,993	83,091	5,027
Bubu (Portable)	—	760	6,064	2,553	—	130	—	5,143	14,650	3,690	38,751	9,310	3,124	54,875	69,525	4,206
Pancing (Lines)	286	3,821	4,501	19,633	26,678	1,141	4,597	7,087	67,744	7,967	188,936	8,761	13,131	218,795	286,539	17,335
Pukat-Pukat Bakul (Bag Nets)	—	1,181	73,779	58,172	233,483	13	—	12,064	378,692	—	—	129	66,713	66,842	445,534	26,953
Pukat-Pukat Rentang (Barrier Nets)	—	952	—	—	2,998	—	521	2,635	7,106	—	—	—	915	915	8,021	485
Pukat-Pukat Surung (Push Nets)	—	884	5,542	2,943	—	—	313	2,731	12,413	153	—	—	—	153	12,566	760
Memungut Siput (Shellfish)	—	3,865	85,954	663,088	41,862	—	—	181	794,950	—	—	—	—	—	794,950	48,091
Rampain (Miscellaneous)	448	—	379	5,638	427	—	72	—	6,964	506	3,323	—	1,401	5,230	12,194	738
Jumlah Pikul (Piculs)	236,929	1,183,803	463,216	2,366,396	1,749,818	7,431	24,012	214,515	6,246,120	107,266	1,286,041	230,762	360,949	1,985,018	8,231,138	
(Total) M. Ton (M. Tonnes)	14,333	71,616	28,023	143,158	106,857	450	1,453	12,977	377,867	6,489	77,800	13,960	21,836	120,085		497,952

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT DAERAH PERIKANAN DAN KUMPULAN PERKAKAS – 1977
(Landings of Marine Fish by Fisheries District and Gear Group – 1977)

2.5

Negeri (State)	Daerah Perikanan (Fisheries District)	Kumpulan Perkakas (Gear Group)	Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Pukat Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
							Belat Belat (Stakes)	Bubu (portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
Perlis	Perlis		131,683	100,209	4,292	11	—	—	286	—	—	—	—	448	236,929	14,333
Kedah	Kedah Utara		841,060	56,636	3,060	92	4,023	760	2,694	—	729	—	3,865	—	912,919	55,228
	Kedah Selatan		95,061	65,058	8,548	109	805	—	720	1,181	223	884	—	—	172,589	10,441
	Langkawi		33,981	56,891	6,626	390	—	—	407	—	—	—	—	—	98,295	5,947
Pulau	P.Pinang Utara		46,093	27,716	11,553	360	—	682	1,630	19,214	—	527	—	—	107,775	6,520
Pinang (Penang)	P.Pinang Selatan		36,367	697	15,749	383	—	968	1,099	9,466	—	3,231	—	—	67,960	4,111
	Seberang Prai		—	128,703	17,354	—	2,022	4,414	1,772	45,099	—	1,784	85,954	379	287,481	17,392
Perak	Krian		—	117,104	26,362	—	—	—	2,527	57,085	—	2,943	178,097	416	384,534	23,263
	Larut & Matang		131,030	13,555	18,749	—	—	—	5,852	1,087	—	—	406,250	4,660	581,183	35,159
	Dindings		786,784	219,376	12,279	—	7	1,466	7,418	—	—	—	25,240	199	1,052,769	63,689
	Hilir Perak		180,615	46,015	32,360	—	30,133	1,087	3,836	—	—	—	53,501	363	347,910	21,047
Selangor	Selangor Utara		716,664	39,072	1,727	—	—	—	—	—	—	—	11,670	—	769,133	46,529
	Selangor Tengah		110,811	701	13,660	—	—	—	12,874	19,990	602	—	30,169	—	188,807	11,422
	Selangor Selatan		11,222	1,160	10,585	883	—	—	2,101	—	136	—	23	—	26,110	1,580
	Pelabuhan Kelang		522,306	—	15,579	—	—	—	11,703	213,493	2,260	—	—	427	765,768	46,326
Negeri Sembilan	Port Dickson		—	378	5,769	—	—	130	1,141	13	—	—	—	—	7,431	450
Malaka (Malacca)	Malaka		—	883	15,765	—	1,861	—	4,597	—	521	313	—	72	24,012	1,453

Sambungan (Continued)

Negeri (State)	Kumpulan Perkakas (Gear Group) Daerah- Perikanan (Fisheries District)	Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap- Perangkap		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
						Belat- Belat (Stakes)	Bubu (portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
Johor (Johore)	Muar	—	438	19,559	—	17,296	2,641	5,043	—	968	—	181	—	46,126	2,790
	Batu Pahat	26,856	1,065	3,859	—	1,449	315	539	1,652	724	—	—	—	36,459	2,206
	Pontian	73,873	478	14,240	—	160	—	—	9,263	312	—	—	—	98,326	5,948
	Johor Bahru	—	446	8,572	41	16,342	2,187	1,505	1,149	631	2,731	—	—	33,604	2,033
	Kota Tinggi	38,352	63,106	4,014	21,694	6,675	—	4,842	66,713	915	—	—	1,106	207,417	12,548
	Mersing	48,632	52,522	3,450	35,429	1,791	3,124	8,289	—	—	—	—	295	153,532	9,288
Kelantan	Kota Bahru	15,614	33,846	4,581	3,618	—	3,056	6,098	—	—	—	—	—	66,813	4,042
	Bacok	1,823	2,445	16,865	16,158	—	634	1,869	—	—	153	—	506	40,453	2,447
Trengganu	Besut	55,179	287,908	23,670	5,700	—	1,551	76,929	—	—	—	—	—	450,937	27,280
	Kuala Trengganu	139,608	108,699	22,085	37,765	—	7,082	21,762	—	—	—	—	2,438	339,439	20,535
	Dungun	47,320	7,895	22,890	12,862	—	7,870	52,004	—	—	—	—	885	151,726	9,179
	Kemaman	60,952	13,416	4,956	12,521	—	20,456	23,238	—	—	—	—	—	135,539	8,199
	Marang	27,895	109,675	29,947	24,088	—	1,792	15,003	—	—	—	—	—	208,400	12,607
Pahang	Pahang Utara	77,919	31,645	1,806	4,325	—	4,585	4,977	—	—	—	—	—	125,257	7,577
	Pahang Tengah	11,999	9,732	2,716	9,747	—	4,142	3,615	—	—	—	—	—	41,951	2,538
	Pahang Selatan	46,696	13,630	1,820	—	527	583	169	129	—	—	—	—	63,554	3,845
JUMLAH (TOTAL)	Pikul (Piculs)	4,316,395	1,611,100	405,047	186,176	83,091	69,525	286,539	445,534	8,021	12,566	794,950	12,194	8,231,138	
	M. Ton (M. Tonnes)	261,125	97,465	24,504	11,263	5,027	4,206	17,335	26,953	485	760	48,091	738		497,952

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977
(Landings of Marine Fish by Month and Gear Group – 1977)

Jadual (Table)
2.6

Kumpulan Perkakas (Gear Group)	Bulan (Month)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		348,965	350,118	359,587	336,081	341,531	343,312	369,665	387,964	384,936	317,955	383,100	393,181	4,316,395	261,125
Pukat-Pukat Tarik (Seine Nets)		84,618	96,292	144,836	169,037	143,627	170,696	146,319	170,169	150,753	145,908	97,817	91,028	1,611,100	97,456
Pukat-Pukat Hanyut (Drift/Gill Nets)		23,557	27,712	35,015	38,354	37,164	36,997	30,898	35,034	36,363	40,433	30,553	32,967	405,047	24,504
Pukat-Pukat Tangguk (Lift Nets)		10,693	11,480	15,930	16,792	14,532	13,074	15,134	17,225	17,302	21,188	16,145	16,681	186,176	11,263
Perangkap- Perangkap (Traps)	Belat-Belat (Stakes)	8,440	6,652	7,905	8,567	8,337	9,126	6,842	7,590	7,380	3,890	4,366	3,996	83,091	5,027
	Bubu (Portable)	4,873	4,636	6,008	5,726	5,854	5,541	5,517	5,824	6,224	6,746	6,389	6,187	69,525	4,206
Pancing (Lines)		23,254	30,489	31,860	32,207	23,432	21,203	20,854	22,680	20,909	21,082	17,228	21,341	286,539	17,335
Pukat-Pukat Bakul (Bag Nets)		32,064	33,532	37,964	40,223	41,623	38,822	42,375	34,818	32,577	36,566	33,708	41,262	445,534	26,953
Pukat-Pukat Rentang (Barrier Nets)		577	602	673	771	620	610	711	708	717	645	704	683	8,021	485
Pukat-Pukat Surung (Push/Scoop Nets)		955	1,242	1,385	1,147	802	646	576	538	537	2,209	1,397	1,132	12,566	760
Memungut Siput (Shellfish Collection)		39,986	37,620	52,184	40,901	64,957	57,551	61,951	62,313	45,833	119,596	97,512	114,546	794,950	48,091
Rampaian (Miscellaneous)		618	444	781	595	1,841	958	1,379	498	1,234	1,387	1,172	1,287	12,194	738
Jumlah Pikul (Piculs)		578,600	600,819	694,128	690,401	684,320	698,536	702,221	745,361	704,765	717,605	690,091	724,291	8,231,138	
(Total) M. Ton (M. Tonnes)		35,003	36,347	41,992	41,767	41,399	42,259	42,482	45,091	42,635	43,412	41,748	43,817		497,952

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

PERLIS

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977

2.7 a

(Landings of Marine Fish by Month and Gear Group – 1977)

Kumpulan Perkakas (Gear Group)	Bulan (Month)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	Apr (Apr)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec)	Jumlah (Total)	
														Pikul (Piculs)	M Ton (M Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		7,245	7,241	7,419	10,269	11,483	11,379	11,772	11,887	12,277	12,897	14,171	13,643	131,683	7,966
Pukat-Pukat Tarik (Seine Nets)		10,849	10,785	6,724	8,903	9,687	14,947	6,528	6,228	5,734	7,032	6,202	6,590	100,209	6,062
Pukat-Pukat Hanyut (Drift/Gill Nets)		332	342	345	372	362	366	382	370	369	356	352	344	4,292	260
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	11	—	—	—	—	—	—	11	1
Perangkap- Belat-Belat (Stakes)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap- Bubu (Portable)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Lines)		28	25	24	23	24	12	27	29	25	26	23	20	286	17
Pukat-Pukat Bakul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		35	34	34	31	31	32	39	41	42	42	45	42	448	27
Jumlah Pikul(Piculs)		18,489	18,427	14,546	19,598	21,587	26,747	18,748	18,555	18,447	20,353	20,793	20,639	236,929	
(Total) : M.Ton(M.Tonnes)		1,118	1,115	880	1,186	1,306	1,618	1,134	1,122	1,116	1,231	1,258	1,249		14,333

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

KEDAH

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977

2.7 b

(Landings of Marine Fish by Month and Gear Group – 1977)

Kumpulan Perkakas (Gear Group)	Bulan (Month)	Jan (Jan.)	Feb (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		64,792	95,440	89,128	86,449	89,891	79,949	77,134	78,671	78,556	78,154	76,879	81,059	970,102	58,687
Pukat-Pukat Tarik (Seine Nets)		12,743	13,053	16,954	19,012	17,733	16,540	15,687	14,661	14,411	14,169	11,334	12,288	178,585	10,804
Pukat-Pukat Hanyut (Drift/Gill Nets)		1,791	1,793	1,791	1,742	1,621	1,510	1,475	1,371	1,325	1,284	1,267	1,264	18,234	1,103
Pukat-Pukat Tangguk (Lift Nets)		14	13	11	12	13	91	90	78	68	60	72	69	591	36
Belat-Belat (Stakes)		448	478	535	661	601	463	60	50	44	38	476	974	4,828	292
Bubu (Portable)		72	67	67	66	72	76	76	82	89	93	—	—	760	46
Pancing (Lines)		344	334	323	299	296	298	300	303	305	316	342	361	3,821	231
Pukat-Pukat Bakul (Bag Nets)		136	130	123	112	110	98	92	87	81	77	70	65	1,181	71
Pukat-Pukat Rentang (Barrier Nets)		24	55	63	68	76	84	97	90	95	97	102	101	952	58
Pukat-Pukat Surung (Push/Scoop Nets)		80	90	85	70	75	70	75	70	65	64	60	80	884	54
Memungut Siput (Shellfish Collection)		1,020	800	450	350	230	240	210	200	180	185	—	—	3,865	234
Rampaian (Miscellaneous)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)		81,464	112,253	109,530	108,841	104,718	99,419	95,296	95,663	95,219	94,537	90,602	96,261	1,183,803	
(Total) M. Ton (M. Tonnes)		4,928	6,791	6,626	6,585	6,335	6,015	5,765	5,787	5,760	5,719	5,481	5,824		71,616

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

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977

2.7 c

(Landings of Marine Fish by Month and Gear Group – 1977)

Kumpulan Perkakas (Gear Group)	Bulan (Month)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	Apr (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		14,541	5,432	4,730	6,302	8,120	6,660	6,515	7,141	4,920	6,574	5,151	6,274	82,460	4,989
Pukat-Pukat Tarik (Seine Nets)		9,969	10,867	14,227	19,419	19,966	16,747	11,431	10,695	12,941	9,630	12,179	9,045	157,116	9,505
Pukat-Pukat Hanyut (Drift/Gill Nets)		2,657	1,741	2,076	2,495	2,748	3,437	3,412	2,914	2,613	4,447	5,164	10,952	44,656	2,702
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	120	240	—	—	—	—	383	—	—	743	45
Perangkap- Perangkap (T raps) Belat-Belat (Stakes)		—	—	—	—	—	—	194	494	187	244	331	572	2,022	122
Bubu (Portable)		724	485	334	337	866	731	460	337	350	898	226	316	6,064	367
Pancing (Lines)		81	457	348	289	254	258	323	281	181	701	791	537	4,501	272
Pukat-Pukat Bakul (Bag Nets)		2,144	3,695	5,893	7,014	10,237	6,473	13,587	4,796	4,016	4,101	3,063	8,760	73,779	4,463
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		185	490	700	501	319	198	25			1,711	794	619	5,542	335
Memungut Siput (Shell fish Collection)		—	—	8,243	2,734	16,130	7,230	8,569	11,294	6,448	3,979	6,300	15,027	85,954	5,200
Rampaian (Miscellaneous)		—	8	35	13	19	55	85	71	30	15	10	38	379	23
Jumlah Pikul (Piculs)		30,401	23,175	36,586	39,224	58,899	41,789	44,601	38,023	31,686	32,683	34,009	52,140	463,216	
(Total) M. Ton (M. Tonnes)		1,839	1,402	2,213	2,373	3,563	2,528	2,698	2,300	1,917	1,977	2,058	3,155		28,023

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

PERAK

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977)

2.7 d

(Landings of Marine Fish by Month and Gear Group – 1977)

Bulan (Month) Kumpulan Perkakas (Gear Group)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
													Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)	79,023	70,861	77,893	80,473	82,822	84,689	112,080	116,226	116,617	51,879	111,854	114,012	1,098,429	66,451
Pukat-Pukat Tarik (Seine Nets)	11,198	7,336	18,199	23,942	22,105	61,931	54,999	69,170	35,014	24,330	33,971	33,855	396,050	23,960
Pukat-Pukat Hanyut (Drift/Gill Nets)	6,650	7,036	6,269	6,057	6,646	8,411	5,256	7,122	8,166	9,616	9,981	8,540	89,750	5,430
Pukat-Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap- Perangkap (Traps)	Belat-Belat (Stakes)	2,132	1,352	3,186	3,393	3,470	4,195	3,421	4,060	664	922	143	30,140	1,823
	Bubu (Portable)	68	42	120	174	135	111	108	197	215	523	647	2,553	154
Pancing (Lines)	2,735	2,904	2,095	1,864	1,537	1,264	1,202	1,162	1,230	1,084	1,210	1,346	19,633	1,188
Pukat-Pukat Bakul (Bag Nets)	6,553	5,795	5,650	5,698	2,678	2,268	1,961	1,870	1,851	8,687	7,559	7,602	58,172	3,519
Pukat-Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)	402	364	300	245	204	180	200	180	186	159	245	278	2,943	178
Memungut Siput (Shellfish Collection)	36,023	34,797	40,541	35,264	44,357	45,366	49,518	47,316	35,371	111,878	87,080	95,577	663,088	40,114
Rampaian (Miscellaneous)	451	259	543	301	165	168	164	193	396	911	1,006	1,081	5,638	341
Jumlah Pikul (Piculs)	145,235	130,746	154,796	157,411	164,119	208,583	228,746	246,768	203,088	209,423	254,351	263,131	2,366,396	
(Total) M. Ton (M. Tonnes)	8,786	7,910	9,365	9,523	9,929	12,618	13,838	14,929	12,286	12,669	15,387	15,918		143,158

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

SELANGOR

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977

2.7 e

(Landings of Marine Fish by Month and Gear Group – 1977)

Kumpulan Perkakas (Gear Group)	Bulan (Month)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	Apr. (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		125,651	111,456	120,134	101,219	102,891	110,060	112,038	119,745	120,612	112,863	107,681	116,653	1,361,003	82,335
Pukat-Pukat Tarik (Seine Nets)		3,265	3,769	1,872	3,292	4,312	4,293	2,983	3,307	3,707	4,319	2,674	3,140	40,933	2,476
Pukat-Pukat Hanyut (Drift/Gill Nets)		3,200	3,113	3,458	3,611	3,628	3,587	3,327	3,537	3,685	3,447	3,465	3,493	41,551	2,514
Pukat-Pukat Tangguk (Lift Nets)		43	49	49	60	67	75	82	94	98	96	89	81	883	53
Perangkap-Perangkap (Traps)	Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Lines)		2,273	2,316	2,406	2,109	2,272	2,435	2,014	2,222	2,180	2,113	2,172	2,166	26,678	1,614
Pukat-Pukat Bakul (Bag Nets)		18,540	19,243	18,785	18,983	19,534	20,117	18,580	19,331	19,601	19,116	20,346	21,307	233,483	14,125
Pukat-Pukat Rentang (Barrier Nets)		276	251	247	274	233	247	242	242	216	187	267	316	2,998	181
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		2,943	2,023	2,950	2,553	4,240	4,667	3,604	3,470	3,834	3,504	4,132	3,942	41,862	2,533
Rampai (Miscellaneous)		30	32	34	30	36	28	30	27	35	40	45	60	427	26
Jumlah Pikul (Piculs)		156,221	142,252	149,935	132,131	137,213	145,509	142,900	151,975	153,968	145,685	140,871	151,158	1,749,818	
(Total) M. Ton (M. Tonnes)		9,451	8,606	9,071	7,993	8,301	8,803	8,645	9,194	9,314	8,813	8,522	9,144		105,857

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

NEGERI SEMBILAN

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977
(Landings of Marine Fish by Month and Gear Group – 1977)

Jadual (Table)

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Bulan (Month) Kumpulan Perkakas (Gear Group)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
													Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Tarik (Seine Nets)	27	37	49	31	42	46	30	27	23	20	22	24	378	23
Pukat-Pukat Hanyut (Drift/Gill Nets)	427	647	661	685	559	493	396	372	358	359	410	402	5,769	349
Pukat-Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap- Perangkap (Traps)	Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	6	8	6	6	8	10	15	20	13	12	14	130	8
Pancing (Lines)	83	97	111	91	88	85	92	105	102	89	98	100	1,141	69
Pukat-Pukat Bakul (Bag Nets)	—	2	3	5	2	1	—	—	—	—	—	—	13	1
Pukat-Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)	543	791	830	818	699	635	533	524	496	480	542	540	7,431	
(Total) M.Ton (M. Tonnes)	33	48	50	49	42	39	32	32	30	29	33	33		450

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

MELAKA

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977

2.7 g

(Landings of Marine Fish by Month and Gear Group – 1977)

Bulan (Month)	Jan. (Jan)	Feb. (Feb.)	Mac (Mar.)	Aprcl (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
													Pikul (Piculs)	M. Ton (M Tonnes)
Kumpulan Perkakas (Gear Group)														
Pukat-Pukat Tunda (Trawl Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Pukat Tarik (Seine Nets)	72	79	83	74	71	67	65	75	79	70	75	73	833	53
Pukat-Pukat Hanyut (Drift/Gill Nets)	1,301	1,315	1,345	1,318	1,302	1,297	1,265	1,306	1,335	1,315	1,340	1,326	15,765	954
Pukat-pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap- Perangkap (Traps)	Belat-Belat (Stakes)	199	157	165	156	163	154	145	149	145	148	145	1,861	113
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Lines)	328	388	399	395	386	377	366	384	397	389	395	393	4,597	278
Pukat-Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)	45	50	43	41	39	35	39	43	48	45	48	45	521	32
Pukat-Pukat Surung (Push/Scoop Nets)	16	20	18	17	18	20	23	26	40	37	40	38	313	19
Memungut Siput (Shellfish Collection)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	6	6	6	6	6	6	6	6	6	6	6	6	72	4
Jumlah Pikul (Piculs)	1,967	2,015	2,059	2,007	1,985	1,956	1,899	1,985	2,054	2,007	2,052	2,026	24,012	
(Total) M. Ton(M. Tonnes)	119	122	125	121	120	119	115	120	124	121	124	123		1,453

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

KELANTAN

Jadual (Table)

2.7 h

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977
(Landings of Marine Fish by Month and Gear Group – 1977)

Bulan (Month) Kumpulan Perkakas (Gear Group)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
													Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)	266	697	2,006	1,591	1,765	1,295	1,610	1,559	1,394	1,541	2,131	1,582	17,437	1,055
Pukat-Pukat Tarik (Seine Nets)	68	1,098	3,515	2,355	3,208	3,397	4,428	5,434	4,171	4,192	3,004	1,421	36,291	2,196
Pukat-Pukat Hanyut (Drift/Gill Nets)	998	1,648	1,853	1,252	1,847	2,701	1,398	2,147	2,848	2,762	1,568	424	21,446	1,297
Pukat-Pukat Tangguk (Lift Nets)	1,001	583	644	456	811	951	3,479	3,384	3,068	2,867	1,906	626	19,776	1,196
Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu (Portable)	55	268	330	325	415	343	286	346	379	446	349	148	3,690	223
Pancing (Lines)	275	381	672	944	1,024	1,014	879	801	680	782	339	176	7,967	482
Pukat-Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)	—	—	—	132	—	—	—	—	—	—	16	5	153	9
Memungut Siput (Shellfish Collection)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	96	200	110	100	—	—	—	—	—	506	31
Jumlah Pikul (Piculs) (Total) M. Ton (M. Tonnes)	2,663 161	4,675 283	9,020 546	7,151 432	9,270 561	9,811 593	12,180 737	13,671 827	12,540 759	12,590 762	9,313 563	4,382 265	107,266	6,489

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

TRENGGANU

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977

2.7 i

(Landings of Marine Fish by Month and Gear Group – 1977)

Kumpulan Perkakas (Gear Group)	Bulan (Month)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M.Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		27,618	29,079	26,393	25,561	23,041	24,992	27,528	27,534	29,658	27,677	32,327	29,546	330,954	20,022
Pukat-Pukat Tarik (Seine Nets)		29,124	38,047	69,212	74,448	47,775	36,920	38,020	48,316	60,826	62,349	14,569	7,987	527,593	31,917
Pukat-Pukat Hanyut (Drift/Gill Nets)		1,534	5,848	11,980	15,286	12,587	9,311	8,504	10,339	11,051	12,037	3,177	1,894	103,548	6,264
Pukat-Pukat Tangguk (Lift Nets)		6,321	7,200	11,452	11,306	8,682	7,689	7,040	8,112	7,455	7,292	5,253	5,134	92,936	5,622
Perangkap-Perangkap (Traps)	Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	3,070	2,984	3,784	3,627	2,718	2,312	2,688	3,037	3,231	3,263	3,885	4,152	38,751	2,344
Pancing (Lines)		15,360	21,697	22,361	23,698	15,139	13,011	13,390	15,060	13,380	12,480	9,658	13,702	188,936	11,430
Pukat-Pukat Bakul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		—	—	—	—	1,270	430	870	90	645	18	—	—	3,323	201
Jumlah Pikul (Piculs)		83,027	104,855	145,182	153,926	111,212	94,665	98,040	112,488	126,246	125,116	68,869	62,415	1,286,041	
(Total) M. Ton (M. Tonnes)		5,023	6,343	8,783	9,312	6,728	5,727	5,931	6,805	7,637	7,569	4,166	3,776		77,800

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

PAHANG
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977
(Landings of Marine Fish by Month and Gear Group – 1977)

Jadual (Table)
2.7 j

Bulan (Month) Kumpulan Perkakas (Gear Group)	Jan (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
													Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)	10,763	15,760	14,262	8,695	10,476	8,733	8,663	12,800	8,293	9,551	16,034	12,584	136,614	8,264
Pukat-Pukat Tarik (Seine Nets)	2,359	7,177	4,683	6,488	6,323	5,902	5,878	4,941	4,382	5,301	780	793	55,007	3,328
Pukat-Pukat Hanyut (Drift/Gill Nets)	122	417	470	699	739	742	706	842	607	803	195	—	6,342	384
Pukat-Pukat Tangguk (Lift Nets)	402	962	924	1,618	1,342	1,375	1,206	1,451	1,471	972	1,445	904	14,072	851
Penangkap- Penangkap (Traps)	Belat-Belat (Stakes)	—	—	82	85	90	89	93	88	—	—	—	527	32
	Bubu (Portable)	464	521	827	799	914	997	946	929	885	863	405	9,310	563
Pancing (Lines)	738	983	820	643	619	654	543	512	612	1,171	858	806	8,761	530
Pukat-Pukat Bakul (Bag Nets)	—	—	—	20	21	20	18	19	17	14	—	—	129	8
Pukat-Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)	14,848	25,820	21,986	19,044	20,365	18,430	18,100	21,604	16,399	18,697	20,175	15,294	230,762	
(Total) M. Ton (M. Tonnes)	898	1,562	1,330	1,152	1,232	1,115	1,095	1,307	992	1,131	1,221	925		13,960

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

JOHOR TIMUR (JOHORE EAST)

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977

2.7 k

(Landings of Marine Fish by Month and Gear Group – 1977)

Kumpulan Perkakas (Gear Group)	Bulan (Month)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	Apr. (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		10,311	7,844	7,298	6,427	7,490	6,988	4,362	5,248	5,204	9,033	8,443	8,336	86,984	5,262
Pukat-Pukat Tarik (Seine Nets)		4,814	3,935	9,154	10,873	12,209	9,726	6,088	7,124	9,261	14,271	12,796	15,377	115,628	6,995
Pukat-Pukat Hanyut (Drift/Gill Nets)		274	307	518	726	935	928	666	723	737	1,055	330	265	7,464	452
Pukat-Pukat Tangguk (Lift Nets)		2,912	2,673	2,850	3,220	3,377	2,882	3,237	4,106	5,142	9,518	7,380	9,826	57,123	3,456
Perangkap Perangkap (Traps)	Belat-Belat (Stakes)	499	627	919	1,053	1,015	1,167	514	632	536	663	475	366	8,466	512
	Bubu (Portable)	—	—	30	77	480	550	426	541	518	430	40	32	3,124	189
Pancing (Lines)		516	512	1,832	1,417	1,336	1,078	960	1,117	1,168	1,285	703	1,207	13,131	794
Pukat-Pukat Bakul (Bag Nets)		4,039	4,208	7,359	6,995	7,654	8,334	6,040	6,782	5,085	4,230	2,552	3,435	66,713	4,036
Pukat-Pukat Rentang (Barrier Nets)		72	86	116	115	116	96	58	63	51	46	45	51	915	55
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampai (Miscellaneous)		96	105	129	118	114	129	85	70	80	355	60	60	1,401	85
Jumlah Pikul (Piculs)		23,533	20,297	30,205	31,021	34,726	31,878	22,436	26,406	27,782	40,886	32,824	38,955	360,949	
(Total) M. Ton (M. Tonnes)		1,424	1,228	1,827	1,877	2,101	1,928	1,357	1,597	1,681	2,473	1,986	2,357		21,836

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

JOHOR BARAT (JOHORE WEST)

Jadual (Table)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1977

2.7 I

(Landings of Marine Fish by Month and Gear Group – 1977)

Kumpulan Perkakas (Gear Group)	Bulan (Month)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawls Nets)		8,655	6,308	10,324	9,095	9,552	8,567	7,963	7,153	7,405	7,786	8,429	9,492	100,729	6,094
Pukat-Pukat Tarik (Seine Nets)		130	109	164	200	196	180	182	191	204	225	211	435	2,427	147
Pukat-Pukat Hanyut (Drift/Gill Nets)		4,271	3,505	4,249	4,111	4,190	4,214	4,111	3,991	3,269	2,952	3,304	4,063	46,230	2,797
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	41	41	2
Perangkap (Traps)	Belat-Belat (Stakes)	5,162	4,038	3,100	3,222	3,003	3,057	2,648	2,755	2,316	2,136	2,014	1,796	35,247	2,132
	Bubu (Portable)	414	261	510	315	400	494	406	407	518	504	491	423	5,143	311
Pancing (Lines)		493	395	469	435	457	717	758	704	649	646	639	725	7,082	429
Pukat-Pukat Bakul (Bag Nets)		652	459	151	1,396	1,387	1,511	2,097	1,933	1,926	341	118	93	12,064	730
Pukat-Pukat Rentang (Barrier Nets)		160	160	204	273	156	148	275	270	307	270	242	170	2,635	159
Pukat-Pukat Surung (Push/Scoop Nets)		272	278	282	182	186	178	253	262	246	238	242	112	2,731	165
Memungut Siput (Shellfish Collection)		—	—	—	—	—	48	50	33	—	50	—	—	181	11
Rampaian (Miscellaneous)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total)		20,209	15,513	19,453	19,229	19,527	19,114	18,743	17,699	16,840	15,148	15,690	17,350	214,515	
M. Ton (M. Tonnes)		1,223	938	1,177	1,163	1,181	1,156	1,134	1,071	1,019	916	949	1,050		12,977

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

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

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
DIADROMOUS	24. SHADS, MILKFISHES, ETC.	Kebasi/Selangat Puput Beliat Mata	Gizzard shad Shad Slender shad	Anodontosoma chacunda Pellona spp. Ilisha elongata
	25. MISCELLA- NEOUS	Siakap	Sea perch, cock-up	Lates calcarifer
MARINE FISHES	31. FLOUNDERS, HALIBUTS, SOLES	Lidah Sebelah	Tongue sole Flatfish	Cynoglossus spp. Pseudorhombus spp.
	33. REDFISHES, BASSESS, CONGERS, ETC.	Bayan Biji Nangka Daun Baharu Delah Dengkis/Debam Duri/Pulutan/Utek Gelama/Tengkerong Gerut-Gerut Jenahak Kaci Kerapu Kerisi Kerisi bali Kikek Malong Merah Mengkerong/Ubi/Conor Remong/Kunyit-Kunyit Semilang Shrumbu/Lemah Puntung Damar/ Bulus-bulus Pasir-Pasir/Timun- Timun/Puyu Laut	Parrotfish Red Mullet Spotted batfish Fusilier Rabbitfish Marine catfishes Jewfish Grunter Red snapper Sweetlip Grouper Threadfin bream Sharptoothed bass Ponyfish Conger eel Red snapper Grunters Snappers Catfish eel Whitefish Whittings Monocle breams	Callyodon spp./Thalassoma spp. Upeneus spp. Drepane punctata Caesio erythrogaster Siganus spp. Tachysurus spp./Arius spp. Sciaena spp./Johnius spp. Pomadasyss spp. Lutianus Argentimaculatus Spilotichthyys pictus Epinephelus spp./Plectropomus spp. Nemipterus spp. Pristipomoides typus Leiognathus spp./Gazza spp. Muraenesox spp. Lutianus spp. Sauride spp. Lutianus spp. Plotosus spp. Lactarius lactarius Sillago silama/S. Maculuta Scolopsis spp.
	34. JACKS, MULLETES, SAURIES, ETC.	Alu-Alu/Kacang-Kacang Aruan tasek Bawal hitam Bawal puteh Bawal tambak Belanak/Kedera Cemin/Gerong- Gerong Cincaru	Barracudas Black Kingfish Black pomfret White pomfret Chinese pomfret Mulletes Golden trevally Hardtail scad	Sphyræna spp. Rachycentron canadus Parastromateus niger Pampus argenteus Pampus chinensis Mugil spp. Alectis indica/ Caranx spp. Megalaspis cordyla

Sambungan (Continued)

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
	34. JACKS, MULLETS, SAURIES, ETC.	Demudok Kurau/Senangin/ Senohong Pelata Selar Selar Kuning/ Lolong Selayang/Curut Talang Pisang Pisang Rambai	Horse mackerel, trevally Threadfin Scad Selar scad Goldbanded scad Round Scad Queenfish, leatherskin, leatherjacket Rainbow runner Horse mackerel, trevally	Caranx spp. Polynemus spp. Caranx spp. Selar spp. Selaroides leptolepis Decapterus russelli Chorinemus spp. Elagatis bipinnulatus Carangoides spp.
	35. HERRINGS, SARDINES, ANCHOVIES, ETC.	Bijis Bulan Parang Parang Tamban Terubok	Anchovies Tarpon Wolf herring Sardine Longtail shad	Stolephorus spp./Anchoviella spp. Megalops cyprinoides Chirocentrus dorab Clupes spp./Sardinella spp. Clupea macrura
	36. TUNAS, BONITOS, BILLFISHES, ETC.	Aya/Kayu/ Tongkol Layaran/Mersuji	Bonito/Eastern little tuna/ Longtail tuna Sailfish/Black Marlin	Euthynnus spp./Thunnus spp. Makaira spp./Istiophorus spp.
	37. MACKERELS, SNOEKS, CUTLASS- FISHES, ETC.	Kembong/Temenong Tenggiri Timah/Layor/ Selayor	Indian mackerel Spanish mackerel Ribbonfish	Rastrelliger kanagurta/ R. neglectus Scomberomorus spp. Trichiurus spp.

Sambungan(Continued)

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
	38. SHARKS, RAYS, CHIMAERAS, ETC.	Pari Yu	Ray Shark	Dasyatis spp./Gymnura spp. Galeorhinidae
	39. MISCEL- LAEOUS MARINE FISHES	Ikan Baja Ikan Campur Jebong	Trashfish Miscellaneous Fishes Triggerfish	Mixed spp. Abalistes Stellaris
CRUSTACEANS	42. SEASPIDERS, CRABS, ETC.	Ketam Laut Ketam Batu	Swimming (Blue) Crabs Mangrove Crabs	Portunus Pelagicus Scylla Serrata
	43. LOBSTERS, SPINY-ROCK LOBSTERS, ETC.	Udang Karang Udang Lobak	Spiny Lobster Slipper Lobster	Panulirus Polyhagus Thenus orientalis
	45. SHRIMPS, PRAWNS, ETC.	Udang Udang Baring	Prawns Tiny Shrimps	Penaeus spp./Metapenaeus spp. Acetes spp.
MOLLUSCS	56. CLAMS, COCKLES, ARKSHELLS, ETC.	Kerang Siput	Arksells/Blood Cockles Clams, Mussels Marine snails	Anadara granosa Gastropods/bivalves
	57. SQUIDS, CUTTLESHES, OCTOPUSES, ETC.	Cumit-Cumit Sotong Octopus	Squids Cuttlefishes Octopus	Loliginidae Sepiidae Suborder Incirrate

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN JENIS IKAN – 1977
(Landings of Marine Fish By State and By Type of Fish – 1977)

Jadual (Table)
2.8

JENIS IKAN (TYPES OF FISH)		Pantai Barat (West Coast)								Jumlah (Total)	Pantai Timur (East Coast)				Jumlah (Total)	Jumlah Besar (Grand Total)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (West Johore)		Kelantan	Trengganu	Pahang	Johor Timur (East Johore)		Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	182	552	2,444	4,084	327	90	301	2,536	10,516	—	—	190	230	420	10,936	662
	Puput/Beliat Mata/Tirok	—	—	522	803	5,829	—	—	2,182	9,336	—	—	—	—	—	9,336	565
25	Siakap	—	176	—	4,883	45	131	—	2	5,237	23	126	30	93	272	5,509	333
31	Lidah/Sebelah	2,811	6,416	990	11,453	14,121	—	—	392	36,183	22	6,707	261	492	7,482	43,665	2,642
33	Bayan	—	—	—	—	90	—	—	—	90	—	83	259	182	524	614	37
	Biji Nangka	12	2,248	1,238	28,224	6,691	—	—	—	38,413	208	21,976	622	3,203	26,009	64,422	3,897
	Daun Baharu	—	914	265	402	554	—	—	—	2,135	—	1,080	286	31	1,397	3,532	214
	Delah	—	3	—	26	—	—	—	—	29	46	507	324	590	1,467	1,496	91
	Duri/Pulutan/Utik	—	1,782	3,488	12,027	15,678	130	1,930	3,939	38,974	281	22,075	1,269	1,501	25,126	64,100	3,878
	Dengkis/Debam	—	—	13	120	—	—	—	86	219	103	3,834	675	33	4,645	4,864	294
	Gelama/ Tengkerong	4,198	12,738	17,129	24,293	70,768	38	113	10,150	139,427	3,831	15,343	2,475	5,214	26,863	166,290	10,060
	Gerut-Gerut	264	2,479	719	2,824	8,036	—	—	288	14,610	432	2,574	156	—	3,162	17,772	1,075
	Jenahak	38	3,930	732	3,355	1,121	197	1,024	2,351	12,748	71	526	64	522	1,183	13,931	843
	Kachi	—	16	71	1,024	—	—	—	245	1,356	2	5,589	1,090	645	7,326	8,682	525
	Kerapu	62	4,477	1,756	7,814	3,506	108	305	1,080	19,108	208	11,518	1,052	1,132	13,910	33,018	1,997
	Kerisi	264	13,994	851	16,549	12,554	—	—	102	44,314	1,067	44,231	6,490	4,780	56,568	100,882	6,103
	Kerisi Bali	—	—	—	220	—	—	—	—	220	—	—	—	—	—	220	13
	Kikek	48	78	494	7,040	1,167	—	—	365	9,192	—	13,734	199	878	14,811	24,003	1,452
	Malong	—	1,915	797	4,165	12,695	87	—	3,805	23,464	37	6	320	—	363	23,827	1,441
	Merah	—	—	4,420	8,461	4,581	112	—	1,644	19,218	1,304	20,811	295	1,448	23,858	43,076	2,606
	Mengkerong/Conor/Ubi2	139	43,789	511	11,584	1,370	—	—	—	57,393	—	4,770	215	—	4,985	62,378	3,774
	Remong/Kunyit-Kunyit	—	—	—	8,624	—	—	—	30	8,654	14	3,303	1,064	232	4,613	13,267	803
	Semilang	—	682	435	2,610	1,864	30	248	925	6,794	—	—	8	146	154	6,948	420
	Shrumbu/Lemah	—	—	354	69	—	—	—	—	423	—	2,134	—	—	2,134	2,557	155
	Puntong Damar/Bulus	350	3,507	69	3,282	—	—	—	—	7,208	2	8,773	653	898	10,326	17,534	1,061
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	244	880	1,124	1,124	68
34	Alu-Alu/Kacang-Kacang	163	5,312	695	2,860	1,518	—	—	220	10,768	9	5,195	371	176	5,761	16,519	999
	Aruan Tasik	—	833	218	1,209	1,354	—	—	59	3,673	144	5,850	285	96	6,375	10,048	609
	Bawal	1,648	2,883	3,249	14,871	15,492	269	269	3,191	41,872	3,442	9,553	914	3,768	17,677	59,549	3,602
	Belanak/Kedera	31	21	1,224	2,709	1,784	—	109	331	6,209	25	105	261	162	553	6,762	409
	Cermin/Cupak/Sagai	—	56	233	957	356	—	—	213	1,815	—	12,316	432	1,047	13,795	15,610	944

Sambungan (continued)

JENIS IKAN (TYPES OF FISH)		Pantai Barat (West Coast)								Jumlah (Total)	Pantai Timur (East Coast)				Jumlah (Total)	Jumlah Besar (Grand Total)	
ISSCAAP GROUP No.	NAMA TEMPATAN (LOCAL NAME)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (West Johore)		Kelantan	Trengganu	Pahang	Johor Timur (East Johore)		Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	4	6,748	3,564	15,464	21,910	85	1,025	5,143	53,943	261	21,541	1,032	3,072	25,906	79,849	4,831
	Demudok/Rambai	—	84	406	—	—	—	—	—	490	413	3,586	2,857	706	7,562	8,052	487
	Kurau/Senangin/ Senohong	23	364	1,725	12,339	6,972	—	238	1,248	22,909	83	—	501	9	593	23,502	1,422
	Pelata/Selar	10,796	2,927	1,455	4,594	7,609	57	—	443	27,881	5,384	93,386	6,049	25,063	129,882	157,763	9,544
	Selar Kuning/Lolong	3,127	1,419	674	6,354	2,603	—	—	431	14,608	13,786	69,349	10,434	21,964	115,533	130,141	7,873
	Selayang/Curut	45,964	52	21,506	38,242	—	—	—	—	105,764	25,483	139,130	16,776	66,968	248,357	354,121	21,423
	Pisang-Pisang	—	1,110	1,187	767	2,884	—	—	—	5,948	—	518	350	93	961	6,909	418
	Talang	—	30	—	1,745	—	38	—	277	2,091	8	1,375	587	547	2,517	4,608	279
35	Bilis	—	119,037	—	69,682	—	—	—	3,911	192,630	1,447	61,816	1,998	690	65,951	258,581	15,643
	Parang	1,386	15,256	1,850	13,964	17,599	2,300	4,726	9,816	66,897	2,463	10,286	1,797	867	15,413	82,310	4,979
	Tamban	17,052	38,444	5,326	76,801	21,055	—	—	3,865	162,543	11,301	69,936	20,671	39,951	141,859	304,402	18,415
	Terubuk	—	—	32	202	—	—	—	—	234	—	370	840	—	1,210	1,444	87
	Bulan-Bulan	—	53	—	—	—	—	—	—	53	—	11	6	25	42	95	6
36	Aya/Kayu/Tongol	110	18,750	7,983	11,904	—	—	—	—	38,747	4,222	149,642	818	12,301	166,983	205,730	12,446
	Layaran/Mersuji	—	—	—	—	4	—	—	—	4	—	3,826	—	—	3,826	3,830	232
37	Kembong/Temenong	13,391	184,923	15,513	88,601	20,175	30	569	295	323,497	3,370	118,285	11,453	15,020	148,128	471,625	28,531
	Tenggiri	1,010	9,864	6,225	19,991	15,958	2,541	4,927	11,189	71,705	3,479	42,422	2,439	1,769	50,109	121,814	7,369
	Timah/Layor Selayor	733	3,359	1,004	23,847	11,146	—	—	2,281	42,370	3,258	5,988	97	12	9,355	51,725	3,129
38	Pari	614	1,571	2,348	11,120	21,507	204	1,788	4,468	43,610	147	5,687	1,911	3,665	11,410	55,020	3,329
	Yu	603	1,370	906	10,747	20,041	78	—	1,661	35,406	309	13,647	1,369	1,480	16,805	52,211	3,159
39	Ikan Baja	98,851	414,811	148,911	582,106	934,618	—	1,301	56,303	2,236,901	4,311	155,979	95,616	69,264	325,170	2,562,071	154,995
	Ikan Campur	6,024	16,565	19,433	23,160	12,602	575	3,863	16,842	99,064	6,245	46,439	13,272	27,699	93,655	192,719	11,659
	Jebong	—	3	77	5,538	—	—	—	133	5,751	—	2,020	1,031	102	3,153	8,904	539
42	Ketam	1,354	9,551	5,542	24,003	21,337	—	—	2,090	63,877	492	653	1,666	2,574	5,385	69,262	4,190
45	Udang	22,078	139,264	66,388	354,362	212,096	331	960	47,343	842,822	5,797	18,389	14,566	20,707	59,459	902,281	54,584
	Udang Baring	—	809	17,915	53,519	93,469	—	316	9,444	175,472	1,503	4,965	—	13,286	19,754	195,226	11,810
56	Kerang	—	3,865	68,499	648,482	46,349	—	—	181	767,376	—	—	—	—	—	767,376	46,423
	Siput/Kepah	—	—	17,455	14,606	2,638	—	—	—	34,699	—	—	—	—	—	34,699	2,099
57	Sotong	3,599	84,773	4,375	67,713	28,120	—	—	2,885	191,465	2,233	24,076	2,122	4,736	33,167	224,632	13,589
76	Ubur-Ubur	—	—	—	—	47,625	—	—	140	47,765	—	—	—	—	—	47,765	2,890
JUMLAH PIKUL (Piculs)		236,929	1,183,803	463,216	2,366,396	1,749,818	7,431	24,012	214,515	6,246,120	107,266	1,286,041	230,762	360,949	1,985,018	8,231,138	
(Total) Metrik Ton (Metric Tonnes)		14,333	71,616	28,023	143,158	105,857	450	1,453	12,977	377,867	6,489	77,800	13,960	21,836	120,085		497,952

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN – 1977
(Landings of Marine Fish by Month and Type of Fish – 1977)

Jadual (Table)
2.9

JENIS IKAN (TYPE OF FISH)		Jan.	Feb.	Mac	April	Mei	Jun	Julai	Ogos	Sept.	Okt	Nob.	Dis.	Jumlah (Total)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)	(Jan.)	(Feb.)	(Mar.)	(April)	(May)	(June)	(July)	(Aug.)	(Sept.)	(Oct.)	(Nov.)	(Dec.)	Pikul (Piculs)	M. Ton (Metric-Tons)
24	Kebasi/Selangat	1,643	1,286	998	1,129	1,353	1,186	422	341	511	819	537	711	10,936	662
	Puput/Beliat Mata/Tirok	1,011	805	729	752	766	917	743	800	671	678	663	801	9,338	565
25	Siakap	78	71	103	40	56	83	61	127	147	1,816	1,506	1,421	5,509	333
31	Lidah/Sebelah	4,411	5,302	5,128	3,348	4,050	3,898	2,187	2,895	2,888	2,700	3,726	3,132	43,665	2,642
33	Bayan	41	57	54	25	54	85	67	67	53	75	14	22	614	37
	Biji Nangka	5,411	4,632	5,292	4,431	4,455	4,306	4,649	5,411	6,480	3,421	8,395	7,539	64,422	3,897
	Daun Baharu	317	246	217	267	258	223	276	227	404	551	255	291	3,532	214
	Delah	77	103	105	111	181	180	165	190	190	138	30	26	1,496	91
	Duri/Pulutan/Utik	4,586	4,807	5,421	6,485	5,935	5,312	4,840	5,017	4,850	4,777	6,177	5,893	64,100	3,878
	Dengkis/Debam	65	181	173	216	127	98	129	362	228	450	470	2425	4,864	294
	Gelama/Tengkerong	11,582	11,676	15,831	13,999	13,313	12,745	12,159	12,887	16,287	14,584	16,430	14,797	166,290	10,060
	Gerut-Gerut	1,341	1,425	1,486	1,645	1,708	1,638	1,382	1,362	1,423	1,459	1,286	1,617	17,772	1,075
	Jenahak	740	742	741	903	915	755	817	1,436	1,483	1,507	1,868	2,024	13,931	843
	Kachi	529	1,050	807	793	890	820	799	850	846	548	299	451	8,682	525
	Kerapu	2,415	2,408	3,134	2,460	2,619	2,180	2,095	2,253	2,938	3,476	3,328	3,712	33,018	1,997
	Kerisi	12,058	8,778	8,959	6,274	5,774	5,227	7,509	7,904	8,491	6,450	11,374	12,084	100,882	6,103
	Kerisi Bali	—	—	—	—	—	—	—	—	220	—	—	—	220	13
	Kikek	877	1,340	2,511	2,150	2,045	1,847	1,898	1,360	1,565	1,328	3,504	3,578	24,003	1,452
	Malong	2,558	1,750	2,258	1,777	1,703	1,733	1,335	1,323	2,132	2,434	2,509	2,315	23,827	1,441
	Merah	3,722	2,997	3,974	3,420	3,327	2,881	2,757	3,766	3,511	3,841	4,433	4,447	43,076	2,606
	Mengkerong/Conor/Ubi2	3,624	5,454	5,189	5,187	4,715	4,688	5,014	6,449	6,626	6,478	4,742	4,212	62,378	3,774
	Remong/Kunyit-Kunyit	409	363	379	318	315	371	555	471	362	318	4,816	4,590	13,267	803
	Semilang	534	515	432	510	267	300	381	637	592	723	1,089	968	6,948	420
	Shrubu/Lamah	93	27	35	67	46	268	248	365	376	306	476	250	2,557	155
	Puntong/Damar/Bulus	1,545	1,431	1,121	1,448	1,325	1,055	1,298	1,170	1,548	2,543	1,474	1,576	17,534	1,061
	Pasir-Pasir	—	62	72	61	58	28	16	49	121	299	268	100	1,124	68
34	Alu-Alu/Kacang-Kacang	1,050	1,102	1,602	1,146	1,193	1,173	1,196	1,143	1,975	1,872	1,525	1,542	16,519	999
	Aruan Tasik	1,084	1,126	785	1,163	729	695	348	744	893	937	612	932	10,048	609
	Baval	3,920	3,785	5,332	7,014	4,979	3,648	3,868	4,697	5,482	5,938	5,479	5,407	59,549	3,602
	Belanak/Kedera	628	596	425	296	318	402	465	762	783	674	742	671	6,762	409
	Cermin/Sagai/Cupak	1,449	1,455	1,230	1,446	1,478	1,385	1,462	1,272	1,516	1,063	805	1,049	15,610	944
	Cencaru	6,112	4,883	7,300	10,405	10,183	8,848	5,252	5,327	5,707	6,131	5,211	4,490	79,849	4,831
	Demudok/Rambai	454	424	551	655	573	867	664	1,197	973	857	491	346	8,052	487

Sambungan (Continued)

JENIS IKAN (TYPE OF FISH)		Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (April)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nob. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)													Pikul (Piculs)	M. Ton (Metric-Tons)
34	Kurau/Senangin/Senhong	1,943	2,193	2,234	2,114	2,142	1,750	1,380	1,718	1,982	1,758	2,051	2,237	23,502	1,422
	Pelata/Selar	6,179	6,225	11,195	11,104	12,588	15,449	15,826	16,763	24,030	21,433	9,040	7,937	157,763	9,544
	Selar Kuning/Lolong	8,737	10,145	12,079	12,227	10,521	9,337	12,446	16,064	10,855	13,030	7,448	7,252	130,141	7,873
	Selayang/Curut	22,157	16,088	23,121	25,844	25,175	35,228	27,423	46,437	46,432	49,522	18,833	17,861	354,121	21,423
	Pisang-Pisang	1,882	711	237	124	252	63	231	527	1,204	506	831	341	6,909	418
	Talang	161	177	195	323	333	235	276	333	511	818	604	642	4,608	279
35	Bilis	12,612	15,917	25,232	29,278	27,013	26,397	24,087	23,352	19,234	16,638	19,447	19,374	258,581	15,643
	Parang-Parang	5,644	6,387	9,271	6,592	6,058	5,548	5,550	5,749	6,253	8,696	9,296	7,266	82,310	4,979
	Tamban	17,755	17,565	23,831	29,022	32,842	46,809	27,669	30,451	17,998	18,919	20,488	21,053	304,402	18,415
	Terubuk	84	48	16	13	15	2	14	1,220	1	31	—	—	1,444	87
	Bulan-Bulan	—	50	—	—	13	—	—	3	9	6	8	6	95	6
36	Ayal/Kayu/Tongkol	4,420	19,703	31,163	37,412	22,883	18,367	14,698	14,289	11,981	12,486	7,293	11,055	205,730	12,446
	Layaran/Mersuji	156	70	199	251	278	162	199	177	1,090	950	208	90	3,830	232
37	Kembong/Temenong	30,946	37,180	42,942	43,313	40,353	47,974	48,783	46,774	40,436	39,413	25,423	28,088	471,625	28,531
	Tenggiri	8,496	11,928	11,742	13,614	8,278	7,049	7,959	8,924	9,709	11,962	10,349	11,804	121,814	7,369
38	Timah/layor/Selayor	4,460	4,531	5,043	4,982	4,798	4,346	2,742	2,758	2,692	2,379	7,147	5,847	51,725	3,129
	Pari	3,473	3,284	3,854	3,405	3,543	3,489	3,745	4,396	5,649	6,581	6,171	7,430	55,020	3,329
	Yu	4,851	4,943	4,368	4,895	3,966	3,002	3,207	3,628	4,486	6,388	4,206	4,271	52,211	3,159
39	Ikan Baja	196,122	203,692	213,896	213,514	214,735	221,111	221,092	234,821	232,216	176,222	215,687	218,962	2,562,071	154,995
	Ikan Campur	15,216	17,913	19,239	16,816	15,979	15,045	13,949	14,129	14,531	16,262	16,782	16,858	192,719	11,659
	Jebong	230	292	345	421	285	308	235	188	436	195	3,474	2,495	8,904	539
42	Ketam	4,636	4,598	5,101	4,582	4,296	4,180	6,539	6,350	7,039	8,019	6,887	7,035	69,262	4,190
45	Udang	80,813	72,094	76,332	71,154	69,716	69,019	75,476	79,997	83,253	70,683	72,113	81,631	902,281	54,584
	Udang Baring	16,012	15,712	17,459	18,701	16,518	16,522	9,319	15,432	13,362	20,485	17,605	18,099	195,226	11,810
56	Kerang	39,493	36,958	51,800	37,764	59,217	56,541	65,865	61,111	36,821	117,492	95,714	108,600	767,376	46,423
	Siput/Kepah	511	662	404	3,137	5,740	1,010	3,173	1,202	9,012	2,104	1,798	5,946	34,699	2,099
57	Sotong	17,246	20,884	20,456	19,858	21,075	19,751	18,231	17,402	19,021	15,436	16,634	18,638	224,632	13,589
76	Ubur-Ubur	—	—	—	—	—	—	27,050	18,325	2,250	—	80	60	47,765	2,890
JUMLAH (TOTAL)	Pikul (Piculs)	578,600	600,819	694,128	690,401	684,320	698,536	702,221	745,361	704,765	717,605	690,091	724,291	8,231,138	497,952
	Metrik Ton (Metric Tonnes)	35,003	36,347	41,992	41,767	41,399	42,259	42,482	45,091	42,635	43,412	41,748	43,817		

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

Jadual (Table)
2.10

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1977
(Landings of Marine Fish by Gear Group and Type of Fish - 1977)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shell- aneous)	Rampaian (Miscell- aneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	3,511	589	4,518	5	2,167	—	2	137	7	—	—	—	10,936	662
	Puput/Beliat Mata /Tirok	8,203	55	1,011	—	67	—	—	—	—	—	—	—	9,336	565
25	Siakap	4,123	48	933	—	—	155	250	—	—	—	—	—	5,509	333
31	Lidah/Sebelah	42,010	231	1,343	1	52	—	—	28	—	—	—	—	43,665	2,642
33	Bayan	—	4	90	—	—	491	29	—	—	—	—	—	614	37
	Biji Nangka	62,328	169	73	—	—	594	1,258	—	—	—	—	—	64,422	3,897
	Daun Baharu	3,148	—	293	—	—	19	41	—	31	—	—	—	3,532	214
	Delah	3	16	2	—	—	1,363	112	—	—	—	—	—	1,496	91
	Duri/Pulutan/Utik	29,438	9,012	8,107	3	1,635	180	15,047	97	581	—	—	—	64,100	3,878
	Dengkis/Debam	3,668	346	35	—	2	767	13	—	33	—	—	—	4,864	294
	Gelama/Tengkerong	134,219	18,613	7,648	39	2,468	422	1,682	286	913	—	—	—	166,290	10,060
	Gerut-Gerut	11,165	37	693	3	10	1,571	4,275	—	18	—	—	—	17,772	1,075
	Jenahak	5,353	—	866	4	24	2,941	4,731	—	12	—	—	—	13,931	843
	Kachi	3,557	2	1	—	—	2,903	2,219	—	—	—	—	—	8,682	525
	Kerapu	13,215	—	141	2	1	8,109	11,550	—	—	—	—	—	33,018	1,997
	Kerisi	77,371	60	948	26	88	6,020	16,369	—	—	—	—	—	100,882	6,103
	Kerisi Bali	—	—	—	—	—	30	190	—	—	—	—	—	220	13
	Kikek	14,596	5,469	2,237	658	311	145	585	—	2	—	—	—	24,003	1,452
	Malong	15,054	324	898	—	22	10	7,519	—	—	—	—	—	23,827	1,441
	Merah	9,067	416	38	—	5	23,510	10,037	—	3	—	—	—	43,076	2,606
	Mengkerong/Conor/Ubi2	61,548	68	—	—	—	33	729	—	—	—	—	—	62,378	3,774
	Remong/Kunyit-Kunyit	8,905	—	—	—	—	2,268	2,094	—	—	—	—	—	13,267	803
	Semilang	1,780	676	373	4	220	—	2,044	—	1,851	—	—	—	6,948	420
	Shrumbu/Lemah	2,543	—	—	—	—	—	14	—	—	—	—	—	2,557	155
	Puntong Damar/Bulus	16,287	24	1,101	—	—	—	122	—	—	—	—	—	17,534	1,061
	Pasir-Pasir	1,121	—	3	—	—	—	—	—	—	—	—	—	1,124	68
34	Alu-Alu/Kacang-Kacang	11,956	962	699	—	104	3	2,795	—	—	—	—	—	16,519	999
	Aruan Tasik	3,008	395	1,176	—	43	820	4,606	—	—	—	—	—	10,048	609
	Bawal	23,073	4,661	22,899	7,991	755	64	94	2	10	—	—	—	59,549	3,602

Sambungan (Continued)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscell- aneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAMA)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M Ton (Metric Tonnes)
34	Belanak/Kedera	1,602	1,406	2,778	5	101	—	—	55	794	21	—	—	6,762	409
	Cermin/Sagail/Cupak	8,498	1,050	448	103	59	1,468	3,962	—	22	—	—	—	15,610	944
	Cencaru	17,029	36,663	11,632	3,482	2	30	11,002	—	9	—	—	—	79,849	4,831
	Demudok/Rambai	1,715	1,775	51	—	—	2,881	1,630	—	—	—	—	—	8,052	487
	Kurau/Senangin/Senohong	3,645	20	17,049	134	26	15	2,603	—	10	—	—	—	23,502	1,422
	Pelata/Selar	8,030	103,019	8,082	17,032	316	—	21,283	—	1	—	—	—	157,763	9,544
	Selar Kuning/Lolong	15,864	64,658	4,038	41,809	439	—	3,330	—	3	—	—	—	130,141	7,873
	Selayang/Curut	2,568	284,746	914	63,257	—	—	2,636	—	—	—	—	—	354,121	21,423
35	Pisang-Pisang	3,981	2,340	245	238	—	20	85	—	—	—	—	—	6,909	418
	Talang	502	1,570	1,478	—	87	92	869	10	—	—	—	—	4,608	279
	Bilis	384	235,009	—	440	22,486	56	—	206	—	—	—	—	258,581	15,643
	Parang-Parang	25,540	341	54,867	618	147	—	797	—	—	—	—	—	82,310	4,979
	Tamban	40,681	223,252	6,562	28,943	3,754	10	1,196	—	4	—	—	—	304,402	18,415
	Terubuk	—	720	223	490	—	11	—	—	—	—	—	—	1,444	87
	Bulan-Bulan	53	6	—	—	—	11	25	—	—	—	—	—	95	6
	Aya/Kayu/Tongkol	298	81,807	44,898	1,576	—	—	77,151	—	—	—	—	—	205,730	12,446
36	Layaran/Mersuji	342	—	4	—	—	—	3,484	—	—	—	—	—	3,830	232
	Kembong/Temenong	172,789	257,443	19,731	12,510	2,321	—	6,829	—	2	—	—	—	471,625	28,531
37	Tenggiri	15,572	276	70,716	209	92	—	34,949	—	—	—	—	—	121,814	7,369
	Timah/Layor/Selayor	43,259	1,344	6,485	2	100	517	—	17	1	—	—	—	51,725	3,129
38	Pari	43,590	250	3,132	—	190	25	7,833	—	—	—	—	—	55,020	3,329
	Yu	30,614	539	12,589	21	19	193	8,236	—	—	—	—	—	52,211	3,159
39	Ikan Baja	2,208,520	143,978	3,926	—	26,633	21	—	177,741	1,240	6	—	6	2,562,071	154,995
	Ikan Campur	87,042	30,141	29,658	4,171	6,096	4,296	8,022	21,508	1,192	82	—	511	192,719	11,659
42	Jebong	5,551	6	46	—	—	3,298	—	3	—	—	—	—	8,904	539
	Ketam	52,641	1,288	7,026	3	203	33	—	1,110	66	—	—	6,892	69,262	4,190
45	Udang	697,511	89,347	42,314	2	7,422	—	142	61,256	736	2,890	—	661	902,281	54,584
	Udang Baring	1,096	5,380	—	—	3,185	—	—	175,523	475	9,567	—	—	195,226	11,810
56	Kerang	—	—	—	—	—	—	—	7,087	—	—	760,289	—	767,376	46,423
	Siput/Kepah	38	—	—	—	—	—	—	—	—	—	34,661	—	34,699	2,099
57	Sotong	209,565	549	29	2,395	1,439	4,130	2,068	328	5	—	—	4,124	224,632	13,589
	Ubur-Ubur	47,625	—	—	—	—	—	—	140	—	—	—	—	47,765	2,890
JUMLAH (Total)	Pikul (Piculs)	4,316,395	1,611,100	405,047	186,176	83,091	69,525	286,539	445,534	8,021	12,566	794,950	12,194	8,231,138	497,952
	Metrik Ton (Metric Tonnes)	261,125	97,465	24,504	11,263	5,027	4,206	17,335	26,953	485	760	48,091	738		

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

Jadual (Table)

2.11 a

PERLIS

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1977

(Landings of Marine Fish by Gear Group and Type of Fish - 1977)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M Ton (M. Tonnes)
24	Kebasi/Selangat	133	-	49	-	-	-	-	-	-	-	-	-	182	11
	Puput/Beliat Mata/Tirok	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Lidah/Sebelah	2,811	-	-	-	-	-	-	-	-	-	-	-	2,811	170
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	12	-	-	-	-	-	-	-	-	-	-	-	12	1
	Daun Baharu	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Delah	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dengkis/Debam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gelama/Tengkerong	3,149	1,010	-	-	-	-	39	-	-	-	-	-	4,198	254
	Gerut-Gerut	164	-	42	3	-	-	55	-	-	-	-	-	264	16
	Jenahak	-	-	-	4	-	-	34	-	-	-	-	-	38	2
	Kachi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerapu	45	-	-	2	-	-	15	-	-	-	-	-	62	4
	Kerisi	264	-	-	-	-	-	-	-	-	-	-	-	264	16
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	-	48	-	-	-	-	-	-	-	-	-	-	48	3
	Malong	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Merah	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mengkerong/Conor/Ubi2	139	-	-	-	-	-	-	-	-	-	-	-	139	8
	Remong/Kunyit-Kunyit	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Semilang	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Shrumbu/Lemah	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	350	-	-	-	-	-	-	-	-	-	-	-	350	21
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang-Kacang	162	1	-	-	-	-	-	-	-	-	-	-	163	10
	Aruan Tasik	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bawal	274	1,315	59	-	-	-	-	-	-	-	-	-	1,648	100
	Belanak/Kedera	-	-	31	-	-	-	-	-	-	-	-	-	31	2
	Cermin/Sagai/Cupak	-	-	-	-	-	-	-	-	-	-	-	-	-	-

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangkuk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bekul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rempai (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	-	4	-	-	-	-	-	-	-	-	-	-	4	-
	Demudok/Rambai	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kurau/Senangin/Senohong	-	-	23	-	-	-	-	-	-	-	-	-	23	1
	Palata/Selar	-	10,796	-	-	-	-	-	-	-	-	-	-	10,796	653
	Selar Kuning/Lolong	-	3,127	-	-	-	-	-	-	-	-	-	-	3,127	189
	Selayang/Curut	-	45,964	-	-	-	-	-	-	-	-	-	-	45,964	2,781
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Bilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parang-Parang	605	-	781	-	-	-	-	-	-	-	-	-	1,386	84
	Tamban	-	17,052	-	-	-	-	-	-	-	-	-	-	17,052	1,032
	Terubuk	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Aya/Kayu/Tongkol	-	110	-	-	-	-	-	-	-	-	-	-	110	7
	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Kembong/Temenong	249	13,124	18	-	-	-	-	-	-	-	-	-	13,391	810
	Tenggiri	163	-	847	-	-	-	-	-	-	-	-	-	1,010	61
	Timah/Layor/Selayor	503	230	-	-	-	-	-	-	-	-	-	-	733	44
38	Pari	547	-	-	-	-	-	67	-	-	-	-	-	614	37
	Yu	-	-	551	-	-	-	52	-	-	-	-	-	603	36
39	Ikan Baja	93,852	4,999	-	-	-	-	-	-	-	-	-	-	98,851	5,980
	Ikan Campur	4,130	1,723	145	2	-	-	24	-	-	-	-	-	6,024	364
	Jebong	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Ketam	813	93	-	-	-	-	-	-	-	-	-	448	1,354	82
45	Udang	19,721	611	11,746	-	-	-	-	-	-	-	-	-	22,078	1,336
	Udang Baring	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Sotong	3,597	2	-	-	-	-	-	-	-	-	-	-	3,599	218
JUMLAH (Total)	Pikul (Piculs)	131,683	100,209	4,292	11	-	-	286	-	-	-	-	448	236,929	
	Metrik Ton (Metric Tonnes)	7,966	6,062	260	1	-	-	17	-	-	-	-	27		14,333

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

Jadual (Table)

2.11 b

KEDAH

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1977

(Landings of Marine Fish by Gear Group and Type of Fish - 1977)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	320	-	232	-	-	-	-	-	-	-	-	-	552	33
	Puput/Beliat Mata/Tirok	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	163	-	13	-	-	-	-	-	-	-	-	-	176	11
31	Lidah/Sebelah	6,416	-	-	-	-	-	-	-	-	-	-	-	6,416	388
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	2,248	-	-	-	-	-	-	-	-	-	-	-	2,248	136
	Dauu Baharu	914	-	-	-	-	-	-	-	-	-	-	-	914	55
	Delah	3	-	-	-	-	-	-	-	-	-	-	-	3	-
	Duri/Pulutan/Utik	954	-	164	-	-	-	520	-	144	-	-	-	1,782	108
	Dengkis/Debam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gelama/Tengkerong	12,534	-	173	-	-	-	31	-	-	-	-	-	12,738	771
	Gerut-Gerut	1,758	-	-	-	-	155	566	-	-	-	-	-	2,479	150
	Jenahak	3,141	-	-	-	-	159	630	-	-	-	-	-	3,930	238
	Kachi	16	-	-	-	-	-	-	-	-	-	-	-	16	1
	Kerapu	3,284	-	-	-	-	310	883	-	-	-	-	-	4,477	271
	Kerisi	13,994	-	-	-	-	-	-	-	-	-	-	-	13,994	847
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	78	-	-	-	-	-	-	-	-	-	-	-	78	5
	Malong	1,830	-	85	-	-	-	-	-	-	-	-	-	1,915	116
	Merah	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mengkerong/Conor/Ubi2	43,789	-	-	-	-	-	-	-	-	-	-	-	43,789	2,649
	Remong/Kunyit-Kunyit	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Semilang	-	-	-	-	15	-	-	-	667	-	-	-	682	41
	Shrumbu/Lamah	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	3,507	-	-	-	-	-	-	-	-	-	-	-	3,507	212
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang-Kacang	5,312	-	-	-	-	-	-	-	-	-	-	-	5,312	321
	Anuan Tasik	833	-	-	-	-	-	-	-	-	-	-	-	833	50
	Bawal	2,002	-	252	591	38	-	-	-	-	-	-	-	2,883	175
	Belanak/Kedera	-	-	21	-	-	-	-	-	-	-	-	-	21	1
	Cermin/Sagai/Cupak	56	-	-	-	-	-	-	-	-	-	-	-	56	2

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Menungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	241	6,190	317	-	-	-	-	-	-	-	-	-	6,748	408
	Demudok/Rambai	84	-	-	-	-	-	-	-	-	-	-	-	84	5
	Kurau/Senangang/Senohong	313	-	51	-	-	-	-	-	-	-	-	-	364	22
	Pelata/Selar	1,063	1,750	114	-	-	-	-	-	-	-	-	-	2,927	177
	Selar Kuning/Lolong	1,419	-	-	-	-	-	-	-	-	-	-	-	1,419	86
	Selayang/Curut	52	-	-	-	-	-	-	-	-	-	-	-	52	3
	Pisang-Pisang	-	1,110	-	-	-	-	-	-	-	-	-	-	1,110	67
	Talang	-	-	30	-	-	-	-	-	-	-	-	-	30	2
35	Bilis	-	119,037	-	-	-	-	-	-	-	-	-	-	119,037	7,201
	Parang-Parang	13,758	-	1,498	-	-	-	-	-	-	-	-	-	15,256	923
	Tamban	33,696	4,660	88	-	-	-	-	-	-	-	-	-	38,444	2,326
	Terubuk	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bulan-Bulan	53	-	-	-	-	-	-	-	-	-	-	-	53	3
36	Aya/Kayu/Tongkol	-	18,750	-	-	-	-	-	-	-	-	-	-	18,750	1,134
	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Kembong/Temenong	159,125	19,920	3,608	-	2,270	-	-	-	-	-	-	-	184,923	11,187
	Tenggiri	6,928	-	2,276	-	30	-	630	-	-	-	-	-	9,864	597
	Timah/Layor/Selayor	3,359	-	-	-	-	-	-	-	-	-	-	-	3,359	203
38	Pari	1,391	-	-	-	-	-	180	-	-	-	-	-	1,571	95
	Yu	763	-	458	-	-	-	149	-	-	-	-	-	1,370	83
39	Ikan Baja	412,565	714	-	-	1,145	-	-	387	-	-	-	-	414,811	25,095
	Ikan Campur	11,655	2,648	1,573	-	270	136	232	51	-	-	-	-	16,565	1,002
	Jebong	-	-	-	-	-	-	-	3	-	-	-	-	3	-
42	Ketam	9,445	-	75	-	3	-	-	-	28	-	-	-	9,551	578
45	Udang	127,122	3,806	7,206	-	202	-	-	740	113	75	-	-	139,264	8,425
	Udang Baring	-	-	-	-	-	-	-	-	-	809	-	-	809	49
56	Kerang	-	-	-	-	-	-	-	-	-	-	3,865	-	3,865	234
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Sotong	83,918	-	-	-	855	-	-	-	-	-	-	-	84,773	5,129
JUMLAH (Total)	Pikul (Piculs)	970,102	178,585	18,234	591	4,828	760	3,821	1,181	952	884	3,865	-	1,183,803	
	Metrik Ton (Metric Tonnes)	58,687	10,804	1,103	36	292	46	231	71	58	54	234	-		71,616

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

PULAU PINANG (PENANG)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1977
(Landings of Marine Fish by Gear Group and Type of Fish - 1977)

Jadual (Table)
2.11^c

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	579	266	1,599	—	—	—	—	—	—	—	—	—	2,444	148
	Puput/Beliat Mata/Tirok	452	—	70	—	—	—	—	—	—	—	—	—	522	32
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah/Sebelah	864	42	56	—	—	—	—	28	—	—	—	—	990	60
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	1,216	22	—	—	—	—	—	—	—	—	—	—	1,238	75
	Daun Baharu	265	—	—	—	—	—	—	—	—	—	—	—	265	16
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	960	—	1,816	—	—	—	712	—	—	—	—	—	3,488	211
	Dengkis/Debam	—	—	—	—	—	13	—	—	—	—	—	—	13	1
	Gelama/Tengkerong	2,368	13,802	529	—	5	—	313	112	—	—	—	—	17,129	1,036
	Gerut-Gerut	574	—	—	—	—	64	81	—	—	—	—	—	719	43
	Jenahak	260	—	—	—	—	162	310	—	—	—	—	—	732	44
	Kachi	—	—	—	—	—	47	24	—	—	—	—	—	71	4
	Kerapu	253	—	—	—	—	1,139	364	—	—	—	—	—	1,756	106
	Kerisi	650	—	—	—	—	201	—	—	—	—	—	—	851	51
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	488	—	—	—	—	6	—	—	—	—	—	—	494	30
	Malong	559	—	—	—	—	—	238	—	—	—	—	—	797	48
	Merah	899	—	—	—	—	3,521	—	—	—	—	—	—	4,420	267
	Mengkerong/Conor/Ubi2	449	3	—	—	—	—	59	—	—	—	—	—	511	31
	Remong/Kunyit-Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	121	18	184	—	—	—	112	—	—	—	—	—	435	26
	Shrumbu/Lemah	340	—	—	—	—	—	14	—	—	—	—	—	354	21
	Puntong Damar/Bulus	—	—	—	—	—	—	69	—	—	—	—	—	69	4
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang	681	—	14	—	—	—	—	—	—	—	—	—	695	42
	Anuan Tasik	—	—	—	—	—	218	—	—	—	—	—	—	218	13
	Bawal	710	721	1,321	489	8	—	—	—	—	—	—	—	3,249	197
	Belanak/Kedera	21	449	699	—	—	—	—	55	—	—	—	—	1,224	74
	Cermin/Sagai/Cupak	221	—	9	—	—	3	—	—	—	—	—	—	233	14

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaiian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	557	2,888	119	-	-	-	-	-	-	-	-	-	3,564	216
	Demudok/Rambai	374	-	-	-	-	4	28	-	-	-	-	-	406	25
	Kurau/Senangin/Senohong	159	-	1,208	54	-	15	289	-	-	-	-	-	1,725	104
	Pelata/Selar	504	911	-	40	-	-	-	-	-	-	-	-	1,455	88
	Selar Kuning/Lolong	-	674	-	-	-	-	-	-	-	-	-	-	674	41
	Selayang/Curut	-	21,346	-	160	-	-	-	-	-	-	-	-	21,506	1,301
	Pisang-Pisang	-	1,187	-	-	-	-	-	-	-	-	-	-	1,187	72
	Talang	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Bilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parang-Parang	596	-	1,254	-	-	-	-	-	-	-	-	-	1,850	112
	Tamban	874	4,317	135	-	-	-	-	-	-	-	-	-	5,326	322
	Terubuk	-	-	21	-	-	11	-	-	-	-	-	-	32	2
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Aya/Kayu/Tongkol	-	2,789	5,191	-	-	-	3	-	-	-	-	-	7,983	483
	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Kembong/Temenong	940	14,324	249	-	-	-	-	-	-	-	-	-	15,513	938
	Tunggiri	546	-	5,679	-	-	-	-	-	-	-	-	-	6,225	377
	Timah/Layor/Selayor	972	11	21	-	-	-	-	-	-	-	-	-	1,004	61
38	Pari	566	8	6	-	-	2	1,766	-	-	-	-	-	2,348	142
	Yu	611	1	255	-	-	8	31	-	-	-	-	-	906	55
39	Ikan Baja	37,488	66,176	3,433	-	1,830	-	-	39,984	-	-	-	-	148,911	9,009
	Ikan Campur	4,946	4,132	7,245	-	83	595	88	2,344	-	-	-	-	19,433	1,176
	Jebong	-	6	16	-	-	55	-	-	-	-	-	-	77	5
42	Ketam	1,104	828	3,138	-	14	-	-	79	-	-	-	379	5,542	335
45	Udang	15,261	22,195	10,374	-	82	-	-	18,476	-	-	-	-	66,388	4,016
	Udang Baring	-	-	-	-	-	-	-	12,373	-	5,542	-	-	17,915	1,084
56	Kerang	-	-	-	-	-	-	-	-	-	-	68,499	-	68,499	4,144
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	17,455	-	17,455	1,056
57	Sotong	4,032	-	15	-	-	-	-	328	-	-	-	-	4,375	265
JUMLAH (Total)	Pikul (Piculs)	82,460	157,116	44,656	743	2,022	6,064	4,501	73,779	-	5,542	85,954	379	463,216	28,023
	Metrik Ton (Metric Tonnes)	4,989	9,505	2,702	45	122	367	272	4,463	-	335	5,200	23		

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

Jadual (Table)
2.11 d

PERAK
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1977
(Landings of Marine Fish by Gear Group and Type of Fish - 1977)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaiian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	2,289	126	1,667	-	-	-	2	-	-	-	-	-	4,084	247
	Puput/Beliat Mata/Tirok	664	15	124	-	-	-	-	-	-	-	-	-	803	49
25	Siakap	3,960	3	920	-	-	-	-	-	-	-	-	-	4,883	295
31	Lidah/Sebelah	10,145	136	1,172	-	-	-	-	-	-	-	-	-	11,453	693
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	28,097	12	-	-	-	-	115	-	-	-	-	-	28,224	1,707
	Daun Baharu	361	-	-	-	-	-	41	-	-	-	-	-	402	24
	Delah	-	-	2	-	-	-	24	-	-	-	-	-	26	2
	Duri/Pulutan/Utik	8,264	86	1,110	-	-	-	2,567	-	-	-	-	-	12,027	728
	Dengkis/Debam	120	-	-	-	-	-	-	-	-	-	-	-	120	7
	Gelama/Tengkerong	22,740	144	1,163	-	6	-	240	-	-	-	-	-	24,293	1,470
	Gerut-Gerut	1,716	37	181	-	-	214	676	-	-	-	-	-	2,824	171
	Jenahak	1,771	-	766	-	3	342	473	-	-	-	-	-	3,355	203
	Kachi	227	-	-	-	-	160	637	-	-	-	-	-	1,024	62
	Kerapu	4,182	-	82	-	-	515	3,035	-	-	-	-	-	7,814	473
	Kerisi	12,854	-	252	-	-	101	3,342	-	-	-	-	-	16,549	1,001
	Kerisi Bali	-	-	-	-	-	30	190	-	-	-	-	-	220	13
	Kikek	4,706	2,292	-	-	-	42	-	-	-	-	-	-	7,040	426
	Malong	3,867	4	258	-	-	-	36	-	-	-	-	-	4,165	252
	Merah	3,332	416	38	-	5	688	3,982	-	-	-	-	-	8,461	512
	Mengkerong/Conor/Ubi2	11,491	65	-	-	-	-	28	-	-	-	-	-	11,584	701
	Remong/Kunyit-Kunyit	8,624	-	-	-	-	-	-	-	-	-	-	-	8,624	522
	Semilang	779	182	100	-	-	-	1,549	-	-	-	-	-	2,610	158
	Shrumbu/Lemah	69	-	-	-	-	-	-	-	-	-	-	-	69	4
	Puntong Damar/Bulus	2,105	24	1,100	-	-	-	53	-	-	-	-	-	3,282	199
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang-Kacang	2,651	41	144	-	4	-	20	-	-	-	-	-	2,860	173
	Aruan Tasik	1,033	-	100	-	-	-	76	-	-	-	-	-	1,209	73
	Bawal	5,770	597	8,489	-	13	-	-	2	-	-	-	-	14,871	900
	Belanak/Kedera	512	422	1,775	-	-	-	-	-	-	-	-	-	2,709	164
	Cermin/Sagai/Cupak	803	-	9	-	-	4	141	-	-	-	-	-	957	58

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	4,365	8,821	1,347	—	—	—	931	—	—	—	—	—	15,464	936
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	1,854	2	10,040	—	—	—	443	—	—	—	—	—	12,339	746
	Pelata/Selar	1,155	2,308	990	—	2	—	139	—	—	—	—	—	4,594	278
	Selar Kuning/Lolong	6,036	272	40	—	6	—	—	—	—	—	—	—	6,354	384
	Selayang/Curut	2,516	35,696	30	—	—	—	—	—	—	—	—	—	38,242	2,313
	Pisang-Pisang	524	—	243	—	—	—	—	—	—	—	—	—	767	46
	Talang	502	943	150	—	8	—	143	—	—	—	—	—	1,746	106
35	Bilis	—	51,496	—	—	18,186	—	—	—	—	—	—	—	69,682	4,215
	Parang-Parang	3,835	60	10,069	—	—	—	—	—	—	—	—	—	13,964	845
	Tamban	1,210	75,543	46	—	2	—	—	—	—	—	—	—	76,801	4,646
	Terubuk	—	—	202	—	—	—	—	—	—	—	—	—	202	12
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Ayal/Kayu/Tongkol	295	3,063	8,546	—	—	—	—	—	—	—	—	—	11,904	720
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	4,276	82,749	1,576	—	—	—	—	—	—	—	—	—	88,601	5,360
	Tenggiri	3,410	—	16,574	—	—	—	7	—	—	—	—	—	19,991	1,209
	Timah/Layor/Selayor	23,099	62	679	—	7	—	—	—	—	—	—	—	23,847	1,443
38	Pari	10,085	75	879	—	—	21	60	—	—	—	—	—	11,120	673
	Yu	8,351	68	2,153	—	—	28	147	—	—	—	—	—	10,747	650
39	Ikan Baja	503,527	68,920	168	—	5,743	—	—	3,748	—	—	—	—	582,106	35,215
	Ikan Campur	19,558	600	1,917	—	280	225	536	44	—	—	—	—	23,160	1,401
	Jebong	5,406	—	—	—	—	132	—	—	—	—	—	—	5,538	335
42	Ketam	16,688	205	1,465	—	7	—	—	—	—	—	—	5,638	24,003	1,452
45	Udang	270,975	60,533	13,184	—	3,113	—	—	6,557	—	—	—	—	354,362	21,437
	Udang Baring	—	—	—	—	2,755	—	—	47,821	—	2,943	—	—	53,519	3,238
56	Kerang	—	—	—	—	—	—	—	—	—	—	648,482	—	648,482	39,231
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	14,606	—	14,606	884
57	Sotong	67,630	32	—	—	—	51	—	—	—	—	—	—	67,713	4,096
JUMLAH (Total)	Pikul (Piculs)	1,098,429	396,050	89,750	—	30,140	2,553	19,633	58,172	—	2,943	663,088	5,638	2,366,396	
	Metrik Ton (Metric Tonnes)	66,451	23,960	5,430	—	1,823	154	1,188	3,519	—	178	40,114	341		143,158

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

Jadual (Table)

2.11 e

SELANGOR

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1977

(Landings of Marine Fish by Gear Group and Type of Fish - 1977)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- Fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	—	67	260	—	—	—	—	—	—	—	—	—	327	20
	Puput/Beliat Mata/Tirok	5,174	—	655	—	—	—	—	—	—	—	—	—	5,829	353
25	Siakap	—	45	—	—	—	—	—	—	—	—	—	—	45	3
31	Lidah/Sebelah	14,121	—	—	—	—	—	—	—	—	—	—	—	14,127	854
33	Bayan	—	—	90	—	—	—	—	—	—	—	—	—	90	5
	Biji Nangka	6,618	—	73	—	—	—	—	—	—	—	—	—	6,691	405
	Daun Baharu	554	—	—	—	—	—	—	—	—	—	—	—	554	34
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	10,273	183	325	—	—	—	4,542	—	355	—	—	—	15,678	949
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	68,533	225	1,179	—	—	—	408	—	423	—	—	—	70,768	4,281
	Gerut-Gerut	5,244	—	62	—	—	—	2,712	—	18	—	—	—	8,036	485
	Jenahak	—	—	—	—	—	—	1,109	—	12	—	—	—	1,121	68
	Kachi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	3,171	—	—	—	—	—	335	—	—	—	—	—	3,506	212
	Kerisi	12,554	—	—	—	—	—	—	—	—	—	—	—	12,554	759
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	1,167	—	—	—	—	—	—	—	—	—	—	—	1,167	71
	Malong	6,889	—	495	—	—	—	5,311	—	—	—	—	—	12,695	768
	Merah	2,997	—	—	—	—	—	1,581	—	3	—	—	—	4,581	277
	Mengkerong/Conor/Ubi2	1,370	—	—	—	—	—	—	—	—	—	—	—	1,370	83
	Remong/Kunyit-Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	880	255	—	—	—	—	264	—	465	—	—	—	1,864	113
	Shrumbu/Lamah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang	1,518	—	—	—	—	—	—	—	—	—	—	—	1,518	92
	Aruan Tasik	1,058	—	234	—	—	—	62	—	—	—	—	—	1,354	82
	Bawal	10,384	—	4,760	346	—	—	—	—	2	—	—	—	15,492	937
	Belanak/Kedera	922	261	81	—	—	—	—	—	520	—	—	—	1,784	108
	Cermin/Sagai/Cupak	356	—	—	—	—	—	—	—	—	—	—	—	356	22

Sambungan (Continued)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	11,756	7,257	248	—	—	—	2,649	—	—	—	—	—	21,910	1,325
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	16	—	5,420	—	—	—	1,536	—	—	—	—	—	6,972	422
	Pelata/Selar	4,220	3,306	83	—	—	—	—	—	—	—	—	—	7,609	460
	Selar Kuning/Lolong	2,056	—	547	—	—	—	—	—	—	—	—	—	2,603	157
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-Pisang	2,882	—	2	—	—	—	—	—	—	—	—	—	2,884	174
	Talang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-Parang	5,482	—	11,812	219	—	—	86	—	—	—	—	—	17,599	1,065
	Tamban	4,406	16,611	33	—	—	—	5	—	—	—	—	—	21,055	1,274
	Terubuk	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	4	—	—	—	—	—	—	—	—	—	4	—
37	Kembong/Temenong	8,160	11,898	117	—	—	—	—	—	—	—	—	—	20,175	1,221
	Tenggiri	4,169	—	11,607	182	—	—	—	—	—	—	—	—	15,958	965
	Timah/Layor/Selayor	11,146	—	—	—	—	—	—	—	—	—	—	—	11,146	674
38	Pari	20,358	10	169	—	—	—	970	—	—	—	—	—	21,507	1,301
	Yu	14,479	—	1,156	—	—	—	4,406	—	—	—	—	—	20,041	1,212
39	Ikan Baja	836,561	—	—	—	—	—	—	97,269	788	—	—	—	934,618	56,541
	Ikan Campur	5,640	130	1,061	136	—	—	430	5,085	120	—	—	—	12,602	762
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	20,106	110	—	—	—	—	—	694	—	—	—	427	21,337	1,291
45	Udang	180,412	194	1,078	—	—	—	142	29,983	287	—	—	—	212,096	12,831
	Udang Baring	104	—	—	—	—	—	—	93,365	—	—	—	—	93,469	5,654
56	Kerang	—	—	—	—	—	—	—	7,087	—	—	39,262	—	46,349	2,804
	Siput/Kepah	38	—	—	—	—	—	—	—	—	—	2,600	—	2,638	160
57	Sotong	27,604	381	—	—	—	—	130	—	5	—	—	—	28,120	1,701
76	Ubur-Ubur	47,625	—	—	—	—	—	—	—	—	—	—	—	47,625	2,881
JUMLAH (Total)	Pikul (Piculs)	1,361,003	40,933	41,551	883	—	—	26,678	233,483	2,998	—	41,862	427	1,749,818	105,857
	M. Ton (Metric Tonnes)	82,335	2,476	2,514	53	—	—	1,614	14,125	181	—	2,533	26		

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

NEGERI SEMBILAN
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1977
(Landings of Marine Fish by Gear Group and Type of Fish – 1977)

Jadual (Table)
2.11 f

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	—	54	36	—	—	—	—	—	—	—	—	—	90	5
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	131	—	—	—	—	—	131	8
31	Lidah/Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—	130	—	—	—	—	—	130	8
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	38	—	—	—	—	—	—	—	—	—	38	2
	Gerut-Gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	68	129	—	—	—	—	—	197	12
	Kachi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	30	78	—	—	—	—	—	108	7
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	—	—	—	—	—	—	87	—	—	—	—	—	87	5
	Merah	—	—	—	—	—	32	80	—	—	—	—	—	112	7
	Mengkerong/Conor/Ubi2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—	30	—	—	—	—	—	30	2
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	—	—	269	—	—	—	—	—	—	—	—	—	269	16
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—	—

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	—	—	—	—	—	—	85	—	—	—	—	—	85	5
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pelata/Selar	—	—	—	—	—	—	57	—	—	—	—	—	57	4
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-Pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	16	—	—	—	22	—	—	—	—	—	38	2
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-Parang	—	—	2,300	—	—	—	—	—	—	—	—	—	2,300	139
	Tamban	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubuk	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—	30	—	—	—	—	—	30	2
	Tenggiri	—	—	2,541	—	—	—	—	—	—	—	—	—	2,541	154
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—	204	—	—	—	—	—	204	12
	Yu	—	—	—	—	—	—	78	—	—	—	—	—	78	5
39	Ikan Baja	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Ikan Campur	—	190	385	—	—	—	—	—	—	—	—	—	575	35
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45	Udang	—	134	184	—	—	—	—	13	—	—	—	—	331	20
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH (Total)	Pikul (Piculs)	—	378	5,769	—	—	130	1,141	13	—	—	—	—	7,431	450
	Metrik Ton (Metric Tonnes)	—	23	349	—	—	8	69	1	—	—	—	—	—	—

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

MELAKA

Jadual (Table)

2.11 g

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1977
(Landings of Marine Fish by Gear Group and Type of Fish – 1977)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	—	—	301	—	—	—	—	—	—	—	—	—	301	18
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah/Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	99	385	—	—	—	1,446	—	—	—	—	—	1,930	117
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	—	113	—	—	—	—	—	—	—	—	—	—	113	7
	Gerut-Gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—	1,024	—	—	—	—	—	1,024	62
	Kachi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—	305	—	—	—	—	—	305	19
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Merah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mengkerong/Conor/Ubi2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—	—	—	248	—	—	—	248	15
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Butus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	—	—	269	—	—	—	—	—	—	—	—	—	269	16
	Belanak/Kedera	—	—	—	—	—	—	—	—	109	—	—	—	109	7
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sambungan (Continued)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	C encaru	—	—	1,025	—	—	—	—	—	—	—	—	—	1,025	62
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—	238	—	—	—	—	—	238	14
	Pelata/Selar	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-Pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35	Bitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-Parang	—	—	4,726	—	—	—	—	—	—	—	—	—	4,726	286
	Tamban	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubuk	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	569	—	—	—	—	—	—	—	—	—	569	34
	Tenggiri	—	—	4,927	—	—	—	—	—	—	—	—	—	4,927	298
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Pari	—	—	204	—	—	—	1,584	—	—	—	—	—	1,788	108
	Yu	—	—	—	—	—	—	—	—	—	—	—	—	—	—
39	Ikan Baja	—	200	—	—	1,073	—	—	—	16	6	—	6	1,301	79
	Ikan Campur	—	171	3,082	—	314	—	—	—	148	82	—	66	3,863	234
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45	Udang	—	300	277	—	299	—	—	—	—	84	—	—	960	58
	Udang Baring	—	—	—	—	175	—	—	—	—	141	—	—	316	19
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Siput/Kepah Sotong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH (Total)	Pikul (Piculs) Metrik Ton (Metric Tonnes)	—	883 53	15,765 954	—	1,861 113	—	4,597 278	—	521 32	313 19	—	72 4	24,012	1,453

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

KELANTAN
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1977
(Landings of Marine Fish by Gear Group and Type of Fish – 1977)

Jumlah (Total)
2.11 h

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	2	21	—	—	—	—	—	23	1
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	170	—	—	—	—	14	24	—	—	—	—	—	208	13
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	37	9	—	—	—	—	—	46	3
	Duri/Pulutan/Utik	24	—	227	—	—	4	26	—	—	—	—	—	281	17
	Dengkis/Debam	2	—	—	—	—	88	13	—	—	—	—	—	103	6
	Gelama/Tengkerong	2,508	16	1,242	37	—	10	18	—	—	—	—	—	3,831	232
	Gerut-Gerut	—	—	394	—	—	18	20	—	—	—	—	—	432	26
	Jenahak	—	—	—	—	—	41	30	—	—	—	—	—	71	4
	Kachi	—	—	—	—	—	1	1	—	—	—	—	—	2	—
	Kerapu	—	—	—	—	—	186	22	—	—	—	—	—	208	13
	Kerisi	33	—	15	—	—	602	417	—	—	—	—	—	1,067	65
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	16	—	—	—	—	10	11	—	—	—	—	—	37	2
	Merah	—	—	—	—	—	1,290	14	—	—	—	—	—	1,304	79
	Mengkerong/Conor/Ubi2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-Kunyit	—	—	—	—	—	13	1	—	—	—	—	—	14	1
	Semilang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shrumbu/Lamah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	1	—	1	—	—	—	—	—	—	—	—	—	2	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang	6	—	—	—	—	3	—	—	—	—	—	—	9	—
	Aruan Tasik	3	—	—	—	—	129	12	—	—	—	—	—	144	9
	Bawal	269	247	2,657	269	—	—	—	—	—	—	—	—	3,442	208
	Belanak/Kedera	4	—	—	—	—	—	—	—	—	21	—	—	25	1
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sambungan (Continued)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	—	45	78	12	—	—	126	—	—	—	—	—	261	16
	Demudok/Rambai	95	—	51	—	—	133	134	—	—	—	—	—	413	25
	Kurau/Senangin/Senohong	—	—	3	80	—	—	—	—	—	—	—	—	83	5
	Pelata/Selar	—	2,639	494	2,065	—	—	186	—	—	—	—	—	5,384	326
	Selar Kuning/Lolong	—	5,408	81	7,883	—	—	414	—	—	—	—	—	13,786	834
	Selayang/Curut	—	18,891	33	6,549	—	—	10	—	—	—	—	—	25,483	1,542
	Pisang-Pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	3	—	—	—	5	—	—	—	—	—	8	—
35	Bilis	6	1,001	—	440	—	—	—	—	—	—	—	—	1,447	87
	Parang-Parang	12	—	2,326	4	—	—	121	—	—	—	—	—	2,463	149
	Tamban	2	4,132	6,057	1,110	—	—	—	—	—	—	—	—	11,301	684
	Terubuk	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	3	84	959	3	—	—	3,173	—	—	—	—	—	4,222	255
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	15	1,921	350	1,084	—	—	—	—	—	—	—	—	3,370	204
	Tenggiri	3	30	1,568	27	—	—	1,851	—	—	—	—	—	3,479	210
	Timah/Layor/Selayor	1,151	—	1,590	—	—	517	—	—	—	—	—	—	3,258	197
38	Pari	8	—	106	—	—	2	31	—	—	—	—	—	147	9
	Yu	7	—	270	—	—	1	31	—	—	—	—	—	309	19
39	Ikan Baja	4,247	—	64	—	—	—	—	—	—	—	—	—	4,311	261
	Ikan Campur	922	1,498	1,777	213	—	589	1,246	—	—	—	—	—	6,245	378
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	106	—	386	—	—	—	—	—	—	—	—	—	492	30
45	Udang	5,097	—	700	—	—	—	—	—	—	—	—	—	5,797	351
	Udang Baring	992	379	—	—	—	—	—	—	—	132	—	—	1,503	91
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong	1,713	—	14	—	—	—	—	—	—	—	—	506	2,233	135
JUMLAH (Total)	Pikul (Piculs)	17,437	36,291	21,446	19,776	—	3,690	7,967	—	—	153	—	506	107,266	
	Metrik Ton (Metric Tonnes)	1,055	2,196	1,297	1,196	—	223	482	—	—	9	—	31		6,489

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

TRENGGANU
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1977
(Landings of Marine Fish by Gear Group and Type of Fish - 1977)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bekul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puput/Beliat Mata/Tirok	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	-	-	-	-	-	126	-	-	-	-	-	-	126	8
31	Lidah/Sebelah	6,707	-	-	-	-	-	-	-	-	-	-	-	6,707	406
33	Bayan	-	-	-	-	-	65	18	-	-	-	-	-	83	5
	Biji Nangka	20,278	45	-	-	-	534	1,119	-	-	-	-	-	21,976	1,329
	Daun Baharu	768	-	293	-	-	19	-	-	-	-	-	-	1,080	65
	Delah	-	-	-	-	-	428	79	-	-	-	-	-	507	31
	Duri/Pulutan/Utik	7,935	8,378	3,143	-	-	176	2,443	-	-	-	-	-	22,075	1,335
	Dengkis/Debam	3,362	-	-	-	-	472	-	-	-	-	-	-	3,834	232
	Gelama/Tengkerong	11,369	2,540	810	-	-	412	212	-	-	-	-	-	15,343	928
	Gerut-Gerut	1,709	-	-	-	-	770	95	-	-	-	-	-	2,574	156
	Jenahak	175	-	-	-	-	229	122	-	-	-	-	-	526	32
	Kachi	3,264	-	-	-	-	858	1,467	-	-	-	-	-	5,589	338
	Kerapu	2,248	-	-	-	-	3,718	5,552	-	-	-	-	-	11,518	697
	Kerisi	31,706	60	665	-	-	3,613	8,187	-	-	-	-	-	44,231	2,676
	Kikek	7,188	3,105	2,190	655	-	11	585	-	-	-	-	-	13,734	831
	Malong	2	-	-	-	-	-	4	-	-	-	-	-	6	-
	Merah	1,779	-	-	-	-	15,367	3,665	-	-	-	-	-	20,811	1,259
	Mengkerong/Conor/Ubi2	4,095	-	-	-	-	33	642	-	-	-	-	-	4,770	288
	Remong/Kunyit-Kunyit	281	-	-	-	-	1,226	1,796	-	-	-	-	-	3,303	200
	Semilang	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Shrumbu/Lemah	2,134	-	-	-	-	-	-	-	-	-	-	-	2,134	129
	Puntong Damar/Bulus	8,773	-	-	-	-	-	-	-	-	-	-	-	8,773	531
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang-Kacang	1,108	908	530	-	-	-	2,649	-	-	-	-	-	5,195	314
	Aruan Tasik	-	395	722	-	-	473	4,260	-	-	-	-	-	5,850	354
	Bawal	10	1,596	2,497	5,356	-	-	94	-	-	-	-	-	9,553	578
	Belanak/Kedera	-	-	105	-	-	-	-	-	-	-	-	-	105	6
	Cermin/Sagai/Cupak	6,398	1,050	355	103	-	1,252	3,158	-	-	-	-	-	12,316	745

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	59	9,515	3,338	3,470	—	30	5,129	—	—	—	—	—	21,541	1,303
	Demudok/Rambai	1,162	113	—	—	—	1,093	1,218	—	—	—	—	—	3,586	217
	Kurau/Senangin/Senohong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pelata/Selar	812	58,425	5,365	10,369	—	—	18,415	—	—	—	—	—	93,386	5,649
	Selar Kuning/Lolong	553	43,611	3,171	19,236	—	—	2,778	—	—	—	—	—	69,349	4,195
	Selayang/Curut	—	104,520	751	31,635	—	—	2,224	—	—	—	—	—	139,130	8,417
	Pisang-Pisang	498	—	—	—	—	20	—	—	—	—	—	—	518	31
	Talang	—	430	259	—	—	92	594	—	—	—	—	—	1,375	83
35	Bilis	128	61,688	—	—	—	—	—	—	—	—	—	—	61,816	3,740
	Parang-Parang	138	240	9,334	395	—	—	179	—	—	—	—	—	10,286	622
	Tamban	13	64,850	—	4,882	—	—	191	—	—	—	—	—	69,936	4,231
	Terubuk	—	300	—	70	—	—	—	—	—	—	—	—	370	22
	Bulan-Bulan	—	—	—	—	—	11	—	—	—	—	—	—	11	1
36	Aya/Kayu/Tongkol	—	46,461	30,108	1,493	—	—	71,580	—	—	—	—	—	149,642	9,053
	Layaran/Mersuji	342	—	—	—	—	—	3,484	—	—	—	—	—	3,826	231
37	Kembong/Temenong	—	92,684	10,298	9,057	—	—	6,246	—	—	—	—	—	118,285	7,158
	Tenggiri	—	—	11,329	—	—	—	31,093	—	—	—	—	—	42,422	2,566
	Timah/Layor/Selayor	2,309	1,031	2,648	—	—	—	—	—	—	—	—	—	5,988	362
38	Pari	4,039	—	1,313	—	—	—	335	—	—	—	—	—	5,687	344
	Yu	3,505	412	6,908	—	—	156	2,666	—	—	—	—	—	13,647	826
39	Ikan Baja	154,962	1,017	—	—	—	—	—	—	—	—	—	—	155,979	9,436
	Ikan Campur	10,580	18,513	7,179	3,820	—	1,628	4,719	—	—	—	—	—	45,439	2,809
	Jebong	145	—	—	—	—	1,875	—	—	—	—	—	—	2,020	122
42	Ketam	646	—	7	—	—	—	—	—	—	—	—	—	653	40
45	Udang	17,552	607	230	—	—	—	—	—	—	—	—	—	18,389	1,112
	Udang Baring	—	4,965	—	—	—	—	—	—	—	—	—	—	4,965	300
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong	12,222	134	—	2,395	—	4,064	1,938	—	—	—	—	2,323	24,076	1,457
JUMLAH (Total)	Pikul (Piculs)	330,954	527,593	103,548	92,936	—	38,751	188,936	—	—	—	—	3,323	1,286,041	77,800
	Metrik Ton (Metric Tonnes)	20,022	31,917	6,264	5,622	—	2,344	11,430	—	—	—	—	201		

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

Jadual (Table)

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PAHANG

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1977

(Landings of Marine Fish by Gear Group and Type of Fish – 1977)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaiian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	190	—	—	—	—	—	—	—	—	—	—	—	190	11
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	30	—	—	—	—	—	—	30	2
31	Lidah/Sebelah	261	—	—	—	—	—	—	—	—	—	—	—	261	16
33	Bayan	—	4	—	—	—	244	11	—	—	—	—	—	259	16
	Biji Nangka	527	49	—	—	—	46	—	—	—	—	—	—	622	38
	Daun Baharu	286	—	—	—	—	—	—	—	—	—	—	—	286	17
	Delah	—	16	—	—	—	308	—	—	—	—	—	—	324	20
	Duri/Pulutan/Utik	1,028	180	19	—	—	—	42	—	—	—	—	—	1,269	77
	Dengkis/Debam	184	346	—	—	—	145	—	—	—	—	—	—	675	41
	Gelama/Tengkerong	1,571	601	303	—	—	—	—	—	—	—	—	—	2,475	150
	Gerut-Gerut	—	—	—	—	—	147	9	—	—	—	—	—	156	9
	Jenahak	—	—	—	—	—	64	—	—	—	—	—	—	64	4
	Kachi	50	2	—	—	—	969	69	—	—	—	—	—	1,090	66
	Kerapu	32	—	26	—	—	821	173	—	—	—	—	—	1,052	64
	Kerisi	1,846	—	12	26	—	1,421	3,185	—	—	—	—	—	6,490	393
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	113	—	—	—	—	86	—	—	—	—	—	—	199	12
	Malong	—	320	—	—	—	—	—	—	—	—	—	—	320	19
	Merah	14	—	—	—	—	281	—	—	—	—	—	—	295	18
	Mengkerong/Conor/Ubi2	215	—	—	—	—	—	—	—	—	—	—	—	215	13
	Remong/Kunyit-Kunyit	—	—	—	—	—	999	65	—	—	—	—	—	1,064	64
	Semilang	—	8	—	—	—	—	—	—	—	—	—	—	8	—
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	653	—	—	—	—	—	—	—	—	—	—	—	653	39
	Terubuk	—	420	—	420	—	—	—	—	—	—	—	—	840	51
	Bulan-Bulan	—	6	—	—	—	—	—	—	—	—	—	—	6	—
	Pasir-Pasir	244	—	—	—	—	—	—	—	—	—	—	—	244	15
34	Alu-Alu/Kacang-Kacang	309	12	—	—	—	—	50	—	—	—	—	—	371	22
	Aruan Tasik	81	—	24	—	—	—	180	—	—	—	—	—	285	17
	Bawal	212	170	532	—	—	—	—	—	—	—	—	—	914	55
	Belanak/Kedera	143	118	—	—	—	—	—	—	—	—	—	—	261	16
	Cermin/Sagai/Cupak	420	—	12	—	—	—	—	—	—	—	—	—	432	26

JOHOR BARAT (JOHORE WEST)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1977
(Landings of Marine Fish by Gear Group and Type of Fish – 1977)

Jadual (Table)
2.11 k

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	—	76	374	5	1,937	—	—	137	7	—	—	—	2,536	153
	Puput/Beliat Mata/Tirol	1,913	40	162	—	67	—	—	—	—	—	—	—	2,182	132
25	Siakap	—	—	—	—	—	—	2	—	—	—	—	—	2	—
31	Lidah/Sebelah	199	25	115	1	52	—	—	—	—	—	—	—	392	24
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	86	816	3	1,630	—	1,225	97	82	—	—	—	3,939	238
	Dengkis/Debam	—	—	35	—	2	49	—	—	—	—	—	—	86	5
	Gelama/Tengkerong	4,943	162	1,634	2	2,345	—	400	174	490	—	—	—	10,150	614
	Gerut-Gerut	—	—	14	—	10	203	61	—	—	—	—	—	288	17
	Jenahak	6	—	19	—	21	1,830	475	—	—	—	—	—	2,351	142
	Kachi	—	—	1	—	—	223	21	—	—	—	—	—	245	15
	Kerapu	—	—	33	—	1	863	183	—	—	—	—	—	1,080	65
	Kerisi	—	—	4	—	16	82	—	—	—	—	—	—	102	6
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	24	47	3	289	—	—	—	2	—	—	—	365	22
	Malong	1,891	—	60	—	22	—	1,832	—	—	—	—	—	3,805	230
	Merah	—	—	—	—	—	1,379	265	—	—	—	—	—	1,644	99
	Mengkerong/Conor/Ubi2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-Kunyit	—	—	—	—	—	30	—	—	—	—	—	—	30	2
	Semilang	—	157	89	4	205	—	89	—	381	—	—	—	925	56
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang	209	—	11	—	—	—	—	—	—	—	—	—	220	13
	Aruan Tasik	—	—	—	—	43	—	16	—	—	—	—	—	59	4
	Bawal	978	15	1,494	—	696	—	—	—	8	—	—	—	3,191	193
	Belanak/Kedera	—	156	66	5	62	—	—	—	42	—	—	—	331	20
	Cermin/Sagai/Cupak	—	—	20	—	30	163	—	—	—	—	—	—	213	13

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	—	618	—	—	—	—	414	—	—	—	—	—	1,032	62
	Demudok/Rambai	—	1,054	—	—	—	1,651	152	—	—	—	—	—	2,857	173
	Kurau/Senangin/Senohong	187	18	287	—	—	—	9	—	—	—	—	—	501	30
	Pelata/Selar	139	3,375	534	883	—	—	1,118	—	—	—	—	—	6,049	366
	Selar Kuning/Lolong	276	5,149	117	4,754	—	—	138	—	—	—	—	—	10,434	631
	Selayang/Curut	—	14,362	100	2,314	—	—	—	—	—	—	—	—	16,776	1,015
	Pisang-Pisang	77	7	—	238	—	—	28	—	—	—	—	—	350	21
	Talang	—	197	390	—	—	—	—	—	—	—	—	—	587	36
35	Bilis	19	1,755	—	—	168	56	—	—	—	—	—	—	1,998	121
	Parang-Parang	210	40	1,191	—	—	—	356	—	—	—	—	—	1,797	109
	Tamban	—	15,738	21	4,209	143	10	550	—	—	—	—	—	20,671	1,251
36	Aya/Kayu/Tongkol	—	4	6	—	—	—	808	—	—	—	—	—	818	49
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	24	9,529	628	1,228	—	—	44	—	—	—	—	—	11,453	693
	Tenggiri	—	245	1,182	—	—	—	1,012	—	—	—	—	—	2,439	148
	Timah/Layor/Selayor	85	—	12	—	—	—	—	—	—	—	—	—	97	6
38	Pari	1,671	41	—	—	—	—	199	—	—	—	—	—	1,911	116
	Yu	771	—	479	—	—	—	119	—	—	—	—	—	1,369	83
39	Ikan Baja	94,760	525	16	—	185	21	—	109	—	—	—	—	95,616	5,784
	Ikan Campur	12,025	91	122	—	31	965	30	8	—	—	—	—	13,272	803
	Jebong	—	—	—	—	—	1,031	—	—	—	—	—	—	1,031	62
42	Ketam	1,659	7	—	—	—	—	—	—	—	—	—	—	1,666	101
45	Udang	14,225	—	329	—	—	—	—	12	—	—	—	—	14,566	881
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong	2,107	—	—	—	—	15	—	—	—	—	—	—	2,122	128
JUMLAH (Total)	Pikul (Piculs)	136,614	55,007	6,342	14,072	527	9,310	8,761	129	—	—	—	—	230,762	13,960
	Metrik Ton (Metric Tonnes)	8,264	3,328	384	851	32	563	530	8	—	—	—	—		

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

Sambungan (Continued)

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	51	—	5,090	—	2	—	—	—	—	—	—	—	5,143	311
	Demudok/Rambai	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong	1,116	—	8	—	26	—	88	—	10	—	—	—	1,248	76
	Pelata/Selar	137	10	111	2	180	—	2	—	1	—	—	—	443	27
	Selar Kuning/Lolong	—	31	82	3	312	—	—	—	3	—	—	—	431	26
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-Pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	188	—	79	—	—	10	—	—	—	—	277	17
35	Bilis	231	32	—	—	3,442	—	—	206	—	—	—	—	3,911	237
	Parang-Parang	857	1	8,811	—	147	—	—	—	—	—	—	—	9,816	594
	Tamban	480	35	182	3	3,159	—	2	—	4	—	—	—	3,865	234
	Terubuk	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	25	214	3	51	—	—	—	2	—	—	—	295	18
	Tenggiri	353	1	10,773	—	62	—	—	—	—	—	—	—	11,189	677
	Timah/Layor/Selayor	635	10	1,523	2	93	—	—	17	1	—	—	—	2,281	138
38	Pari	1,856	—	359	—	90	—	2,153	—	—	—	—	—	4,458	270
	Yu	1,435	—	43	—	19	—	164	—	—	—	—	—	1,661	101
39	Ikan Baja	42,027	316	245	—	12,840	—	—	439	436	—	—	—	56,303	3,406
	Ikan Campur	6,555	307	4,646	—	3,291	155	109	1,354	425	—	—	—	16,842	1,019
	Jebong	—	—	—	—	—	133	—	—	—	—	—	—	133	8
42	Ketam	—	—	1,955	3	98	33	—	—	1	—	—	—	2,090	126
45	Udang	32,439	918	7,006	2	3,316	—	—	666	265	2,731	—	—	47,343	2,864
	Udang Baring	—	—	—	—	145	—	—	8,824	475	—	—	—	9,444	571
56	Kerang	—	—	—	—	—	—	—	—	—	—	181	—	181	11
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong	2,418	—	—	—	467	—	—	—	—	—	—	—	2,885	175
76	Ubur-Ubur	—	—	—	—	—	—	—	140	—	—	—	—	140	8
JUMLAH (Total)	Pikul (Piculs)	100,729	2,427	46,230	41	35,247	5,143	7,087	12,064	2,635	2,731	181	—	214,515	
	Metrik Ton (Metric Tonnes)	6,094	147	2,797	2	2,132	311	429	730	159	165	11	—		12,977

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

JOHOR TIMUR (JOHORE EAST)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN – 1977
(Landings of Marine Fish by Gear Group and Type of Fish – 1977)

Jadual (Table)
2.11 I

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell- fish)	Rampaian (Miscel- laneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat- Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	—	—	—	—	230	—	—	—	—	—	—	—	230	14
	Puput/Beliat Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	93	—	—	—	—	—	93	6
31	Lidah/Sebelah	464	28	—	—	—	—	—	—	—	—	—	—	492	30
33	Bayan	—	—	—	—	—	182	—	—	—	—	—	—	182	11
	Biji Nangka	3,162	41	—	—	—	—	—	—	—	—	—	—	3,203	194
	Daun Baharu	—	—	—	—	—	—	—	—	31	—	—	—	31	2
	Delah	—	—	—	—	—	590	—	—	—	—	—	—	590	36
	Duri/Pulutan/Utik	—	—	102	—	5	—	1,394	—	—	—	—	—	1,501	91
	Dengkis/Debam	—	—	—	—	—	—	—	—	33	—	—	—	33	2
	Gelama/Tengkerong	4,504	—	577	—	112	—	21	—	—	—	—	—	5,214	315
	Gerut-Gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	81	—	—	46	395	—	—	—	—	—	522	31
	Kachi	—	—	—	—	—	645	—	—	—	—	—	—	645	39
	Kerapu	—	—	—	—	—	527	605	—	—	—	—	—	1,132	68
	Kerisi	3,470	—	—	—	72	—	1,238	—	—	—	—	—	4,780	289
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	856	—	—	—	22	—	—	—	—	—	—	—	878	53
	Malong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Merah	46	—	—	—	—	952	450	—	—	—	—	—	1,448	88
	Mengkerong/Conor/Ubi2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-Kunyit	—	—	—	—	—	—	232	—	—	—	—	—	232	14
	Semilang	—	56	—	—	—	—	—	—	90	—	—	—	146	9
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	898	—	—	—	—	—	—	—	—	—	—	—	898	54
	Pasir-Pasir	877	—	3	—	—	—	—	—	—	—	—	—	880	53
34	Alu-Alu/Kacang-Kacang	—	—	—	—	100	—	76	—	—	—	—	—	176	11
	Aruan Tasik	—	—	96	—	—	—	—	—	—	—	—	—	96	6
	Bawal	2,464	—	300	940	—	64	—	—	—	—	—	—	3,768	228
	Belanak/Kedera	—	—	—	—	39	—	—	—	123	—	—	—	162	10
	Cermin/Sagai/Cupak	244	—	43	—	29	46	663	—	22	—	—	—	1,047	63

JENIS IKAN (TYPE OF FISH)		Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surong (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	JUMLAH (TOTAL)	
ISSCAAP GROUP NO.	NAMA TEMPATAN (LOCAL NAME)					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	M. Ton (M. Tonnes)
34	Cencaru	—	1,325	70	—	—	—	1,668	—	9	—	—	—	3,072	186
	Demudok/Rambai	—	608	—	—	—	—	98	—	—	—	—	—	706	43
	Kurau/Senangin/Senohong	—	—	9	—	—	—	—	—	—	—	—	—	9	—
	Pelata/Selar	—	19,499	391	3,673	134	—	1,366	—	—	—	—	—	25,063	1,516
	Selar Kuning/Lolong	5,524	6,386	—	9,933	121	—	—	—	—	—	—	—	21,964	1,329
	Selayang/Curut	—	43,967	—	22,599	—	—	402	—	—	—	—	—	66,968	4,051
	Pisang-Pisang	—	36	—	—	—	—	57	—	—	—	—	—	93	6
35	Talang	—	—	442	—	—	—	105	—	—	—	—	—	547	33
	Bilis	—	—	—	—	690	—	—	—	—	—	—	—	690	42
	Parang-Parang	47	—	765	—	—	—	55	—	—	—	—	—	867	52
	Tamban	—	20,314	—	18,739	450	—	448	—	—	—	—	—	39,951	2,417
	Terubuk	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Bulan-Bulan	—	—	—	—	—	—	25	—	—	—	—	—	25	1
	Aya/Kayu/Tongkol	—	10,546	88	80	—	—	1,587	—	—	—	—	—	12,301	744
37	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kambong/Temenong	—	11,269	2,104	1,138	—	—	509	—	—	—	—	—	15,020	909
	Tenggiri	—	—	1,413	—	—	—	356	—	—	—	—	—	1,769	107
38	Timah/Layor/Selayor	—	—	12	—	—	—	—	—	—	—	—	—	12	1
	Pari	3,069	116	96	—	100	—	284	—	—	—	—	—	3,665	222
	Yu	692	58	316	21	—	—	393	—	—	—	—	—	1,480	89
39	Ikan Baja	28,531	1,111	—	—	3,817	—	—	35,805	—	—	—	—	69,264	4,190
	Ikan Campur	11,031	138	526	—	1,827	—	611	12,622	499	—	—	445	27,699	1,676
42	Jebong	—	—	30	—	—	72	—	—	—	—	—	—	102	6
	Ketam	2,074	45	—	—	81	—	—	337	37	—	—	—	2,574	156
45	Udang	14,707	49	—	—	410	—	—	4,809	71	18	—	661	20,707	1,253
	Udang Baring	—	36	—	—	110	—	—	13,140	—	—	—	—	13,286	804
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong	4,324	—	—	—	117	—	—	—	—	—	—	295	4,736	286
JUMLAH (Total)	Pikul (Piculs)	86,984	115,628	7,464	57,123	8,466	3,124	13,131	66,713	915	—	—	1,401	360,949	21,836
	Metric Ton (Metric Tonnes)	5,262	6,995	452	3,456	512	189	794	4,036	55	—	—	85	—	—

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

**Bandingan Tangkapan Ikan Laut bagi Tahun
1976 dan 1977 bagi Semua Negeri Di-Semenanjung Malaysia**
(Comparative Marine Fish Landings for 1976 and 1977 for all
States in Peninsular Malaysia)

**Jadual (Table)
2.12**

(Metrik Ton — Metric Tonnes)

Negeri (State)		Pendaratan (Landings) 1976	Pendaratan (Landings) 1977	Tambahan atau Pengurangan (Increase or Decrease)	
				Kuantiti (Quantity)	Peratus (Percentage)
Pantai Barat (West Coast)	Perlis	9,906	14,333	+ 4427	+44.69
	Kedah	51,953	71,616	+19,663	+37.85
	Pulau Pinang	17,155	28,023	+10,868	+63.35
	Perak	108,574	143,158	+34,584	+31.85
	Selangor	91,664	105,857	+14,193	+15.48
	Negeri Sembilan	460	450	— 10	— 2.17
	Melaka	1,313	1,453	+ 140	+10.66
	Johor : Barat (West)	13,554	12,977	— 577	— 4.26
Pantai Timur (East Coast)	Kelantan	13,346	6,489	— 6,857	—51.38
	Trengganu	55,293	77,800	+22,507	+40.70
	Pahang	14,188	13,960	— 228	— 1.61
	Johor : Timur (East)	33,562	21,836	—11,726	—34.94

**Kuantiti Pendaratan Ikan Laut Di-Semenanjung Malaysia
bagi Tahun 1963 — 1977**
(Quantity of Marine Fish Landed in Peninsular Malaysia
for the Years 1963 — 1977)

**Jadual (Table)
2.13**

Pen- daratan (Landings)	Jumlah Pendaratan di Pantai Barat (Total Landings on West Coast)		Jumlah Pendaratan di Pantai Timur (Total Landings on East Coast)		Jumlah (Total)		Peratus Tambahan atau Pengurangan (Percentage increase/ decrease)
	Tahun (Year)	Kuantiti (Quantity)	Peratus (Percentage) %	Kuantiti (Quantity)	Peratus (Percentage) %	Kuantiti (Quantity)	Peratus (Percentage) %
	1963	127,898	68.55	58,676	31.45	186,574	100
	1964	141,570	72.51	53,662	27.49	195,232	100
	1965	145,289	72.09	56,262	27.91	201,551	100
	1966	185,750	77.27	54,643	22.73	240,393	100
	1967	247,216	80.61	59,470	19.39	306,686	100
	1968	282,601	81.94	62,312	18.06	344,913	100
	1969	247,518	81.80	55,088	18.20	302,606	100
	1970	234,228	78.34	64,777	21.66	299,005	100
	1971	253,133	78.36	69,927	21.64	323,060	100
	1972	230,487	74.09	80,622	25.91	311,109	100
	1973	280,654	75.60	90,576	24.40	371,230	100
	1974	317,814	72.30	121,760	27.70	439,574	100
	1975	270,665	72.13	104,570	27.87	375,235	100
	1976	294,579	71.68	116,389	28.32	410,968	100
	1977	377,867	75.88	120,085	24.12	497,952	100

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

PENDARATAN UDANG BAGI TAHUN-TAHUN 1963 – 1977

2.14

(PRAWN LANDINGS FOR THE YEARS 1963 – 1977)

KUANTITI DALAM METRIK TON (QUANTITY IN METRIC TONNES)

Tahun (Year)	Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah Besar (Grand Total)
	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (West Johore)		Kelantan	Terengganu	Pahang	Johor Timur (East Johore)		
1963	101.6	419.1	756.1	5,915.6	4,457.0	11.1	38.9	+ 174.4	11,873.8	64.8	16.6	9.2	+ 317.3	407.9	12,281.7
1964	94.3	526.0	1,038.8	7,578.5	3,620.7	10.4	24.4	+ 116.6	13,009.7	29.8	235.0	25.6	+ 517.7	808.1	13,817.8
1965	162.6	306.3	1,785.1	6,514.7	4,590.0	16.4	35.4	+ 895.6	14,306.1	156.8	120.7	18.3	+ 426.5	722.3	15,028.4
1966	183.0	219.7	1,138.3	6,228.2	6,193.3	14.0	47.2	+1,096.5	15,120.2	127.3	289.7	16.8	+1,498.7	1,932.5	17,052.7
1967	96.6	382.5	1,563.6	9,562.3	10,266.0	10.6	36.8	+1,698.4	23,616.8	205.4	338.2	247.3	+ 990.7	1,781.6	25,398.4
1968	64.2	653.9	2,532.0	14,681.1	7,905.4	5.6	80.2	784.6	26,707.0	256.7	281.6	273.7	1,698.2	2,510.2	29,217.2
1969	54.7	825.6	3,912.0	16,084.7	8,206.9	8.9	143.8	901.9	30,138.5	188.1	182.4	253.9	1,018.0	1,642.4	31,780.9
1970	99.0	673.3	4,857.5	17,403.3	13,958.5	20.7	168.5	963.7	38,144.5	422.0	207.6	435.9	2,104.3	3,169.8	41,314.3
1971	81.5	1,228.7	7,141.5	17,885.3	18,932.0	16.4	92.9	1,309.5	46,687.8	406.1	241.8	550.4	1,358.3	2,556.6	49,244.4
1972	150.4	1,652.1	7,827.7	16,589.2	8,813.5	6.2	40.3	1,870.0	36,949.4	303.7	280.1	764.8	1,440.6	2,789.2	39,738.6
1973	855.4	2,352.1	9,032.7	17,802.3	13,510.2	6.2	61.1	1,940.3	45,560.3	136.1	421.7	572.2	1,393.5	2,523.5	48,083.8
1974	1,592.0	2,667.5	7,789.3	19,977.1	14,122.8	4.9	44.8	2,432.3	48,630.7	222.1	357.4	849.8	1,753.5	3,182.8	51,813.5
1975	1,160.2	3,084.5	6,736.4	17,037.0	7,671.4	15.3	43.6	2,228.9	37,967.3	379.5	550.2	772.0	1,332.1	3,033.8	41,001.1
1976	654.6	5,365.0	5,703.6	16,934.3	12,223.8	18.9	41.6	2,639.7	43,581.5	229.1	752.1	813.7	2,274.9	4,069.8	47,651.3
1977	1,335.6	8,424.9	4,016.2	21,437.5	12,831.0	20.0	58.1	2,864.1	50,987.4	350.7	1,112.5	881.2	1,252.7	3,597.1	54,584.5

+ Angka-angka Anggaran
(Estimated Figures)

Pendaratan Pukat Tunda di Semenanjung Malaysia, 1973 — 1977

(Trawl Landings in Peninsular Malaysia 1973 — 1977)

(Timbangan dalam Metrik Ton-Qty. in Metric Tonnes)

Jadual (Table)

2.15

Negeri (State)	1973				1974				1975				1976				1977			
	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawns)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawns)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawns)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawns)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawns)	Baja (Manure Fish)
Perlis	3,436	620	734	2,082	5,745	1,567	1,459	2,719	5,656	1,587	1,021	3,048	4,428	1,237	517	2,674	7,966	1,095	1,193	5,678
Kedah	31,024	12,620	1,979	16,425	28,154	9,285	2,252	16,617	30,971	10,094	2,619	18,258	39,363	17,214	4,769	17,380	58,687	26,039	7,690	24,958
P. Pinang (Penang)	14,043	4,118	2,726	7,199	10,141	3,370	2,185	4,586	8,334	3,634	2,087	2,613	6,501	2,679	1,358	2,464	4,989	1,798	923	2,268
Perak	35,393	6,149	15,776	13,468	45,165	8,758	13,737	22,670	47,086	11,824	14,672	20,590	51,045	13,104	13,244	24,697	66,451	19,597	16,393	30,461
Selangor	37,080	1,867	6,632	28,581	57,523	4,625	7,384	45,514	48,694	4,671	4,565	39,458	67,765	17,363	10,846	39,556	82,335	20,812	10,914	50,609
N. Sembilan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melaka (Malacca)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kelantan	1,201	691	105	405	1,923	1,305	128	490	2,966	1,988	311	667	1,387	740	158	489	1,055	490	308	257
Trengganu	4,068	1,756	318	1,994	11,296	4,906	355	6,035	13,525	6,162	550	6,813	17,790	8,829	726	8,235	20,022	9,585	1,062	9,375
Pahang	5,217	1,466	524	3,227	11,759	3,595	822	7,342	7,231	2,203	756	4,272	8,891	1,828	788	6,275	8,264	1,670	861	5,733
Johor Timur (Johore East)	17,429	6,411	1,011	10,007	17,800	7,504	1,413	8,883	11,812	5,825	1,059	4,928	17,016	8,231	1,730	7,055	5,262	2,646	890	1,726
Johor Barat (Johore West)	4,822	2,107	1,330	1,385	6,088	1,872	1,714	2,502	6,613	1,886	1,688	3,039	6,493	1,692	2,064	2,737	6,094	1,589	1,963	2,542
Jumlah (Total)	153,713	37,805	31,135	84,773	195,594	46,787	31,449	117,358	182,888	49,874	29,328	103,686	220,679	72,917	36,200	111,562	261,125	85,321	42,197	133,607

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN NEGERI – 1977
(Landings by Trawlers by Tonnage and State – 1977)

Jadual (Table)
2.16

Ukuran Muatan (Tonnage)	Negeri (State)	Pantai Barat (West Coast)								Jumlah Kecil (Sub-Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub-Total)	Jumlah Besar (Grand Total)	
		Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat		Kelantan	Trengganu	Pahang	Johor Timur		Pikul (Piculs)	M. Ton (M. Tonnes)
0 – 4.9 Tons		11,656	25,959	–	136,536	55,406	–	–	1,118	230,675	394	9,322	124	154	9,994	240,669	14,559
5 – 9.9 Tons		38,580	59,797	–	241,002	365,308	–	–	63,580	818,267	5,453	116,577	24,917	11,817	158,764	977,031	59,107
10 – 19.9 Tons		38,537	90,861	–	236,127	454,155	–	–	31,816	851,496	6,426	142,099	27,280	19,787	195,592	1,047,088	63,345
20 – 29.9 Tons		–	314,884	30,044	210,689	323,305	–	–	3,565	882,487	1,318	10,218	57,785	29,485	98,806	981,293	59,364
30 – 49.9 Tons		42,910	441,655	52,416	220,971	162,829	–	–	650	921,431	3,846	52,738	26,508	25,741	108,833	1,030,264	62,327
50 – 99.9 Tons		–	36,946	–	3,104	–	–	–	–	40,050	–	–	–	–	–	40,050	2,423
100 Ton dan lebih (100 Tons and above)		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jumlah Pikul (Piculs)		131,683	970,102	82,460	1,098,429	1,361,003	–	–	100,729	3,744,406	17,437	330,954	136,614	86,984	571,989	4,316,395	
(Total) M. Ton (M. Tonnes)		7,966	58,687	4,989	66,451	82,335	–	–	6,094	226,522	1,055	20,022	8,264	5,262	34,603		261,125

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)
217TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAAP Group No	JENIS IKAN (Type of Fish)	UKURAN MUATAN (Tonnage)	0-4.9 Tons	5-9.9 Tons	10-19.9 Tons	20-29.9 Tons	30-49.9 Tons	50-99.9 Tons	100 Ton & lebih (100 Tons & above)	JUMLAH PIKUL (TOTAL PICULS)
24	Kebasi/Selangat		85	427	541	1,261	1,178	19	—	3,511
	Puput/Beliat Mata/Tirok		736	2,982	2,517	1,584	384	—	—	8,203
25	Siakap		804	1,554	581	430	722	32	—	4,123
31	Lidah/Sebeiah		1,682	8,014	12,141	8,572	11,584	17	—	42,010
33	Bayan		—	—	—	—	—	—	—	—
	Biji Nangka		1,678	9,807	14,010	17,276	19,557	—	—	62,328
	Daun Baharu		12	777	841	550	955	13	—	3,148
	Delah		—	—	—	1	2	—	—	3
	Duri/Pulutan/Utik		2,105	10,249	8,997	4,933	3,117	37	—	29,438
	Dengkis/Debam		28	549	1,274	493	1,324	—	—	3,668
	Gelama/Tengkerong		8,443	31,516	40,725	27,640	24,908	987	—	134,219
	Gerut-Gerut		566	2,750	2,889	2,024	2,738	208	—	11,165
	Jenahak		157	267	365	820	3,473	271	—	5,353
	Kaci		—	465	1,471	320	1,301	—	—	3,557
	Kerapu		585	1,397	2,501	3,544	4,953	235	—	13,215
	Kerisi		879	9,705	26,043	15,071	24,841	832	—	77,371
	Kerisi Bali		—	—	—	—	—	—	—	—
	Kikek		357	3,162	4,057	2,857	4,152	11	—	14,596
	Malong		437	2,767	3,836	4,019	3,961	34	—	15,054
	Merah		148	689	956	2,922	4,234	118	—	9,067
	Mengkerong/Conor/Ubi2		941	3,062	6,016	21,428	28,034	2,067	—	61,548
	Remong/Kunyit-Kunyit		330	702	4,527	2,225	1,121	—	—	8,905
	Semilang		548	672	285	120	153	2	—	1,780
	Shrumbu/Lemah		—	661	636	145	1,101	—	—	2,543
	Puntong Damar/Bulus		400	2,626	5,204	2,929	5,072	56	—	16,287
	Pasir-Pasir		—	2	15	620	484	—	—	1,121
34	Alu-Alu/Kacang-Kacang		162	816	2,577	3,218	4,859	324	—	11,956
	Aruan Tasik		48	648	540	638	1,092	42	—	3,008
	Bawal		925	3,884	5,212	6,959	5,975	118	—	23,073
	Belanak/Kedera		231	878	269	150	74	—	—	1,602
	Cermin/Sagai/Cupak		104	1,423	2,461	977	3,526	7	—	8,498
	Cincaru		131	794	1,858	4,443	9,748	55	—	17,029
	Demudok/Rambai		1	20	98	398	1,185	13	—	1,715
	Kurau/Senangin/Senohong		350	1,081	1,100	695	356	63	—	3,845
	Pelata/Selar		79	657	1,053	1,820	4,277	144	—	8,030
	Selar Kuning/Lolong		495	1,222	1,502	5,346	7,099	200	—	15,864
	Selayang/Curut		61	211	202	924	1,162	8	—	2,568
	Pisang-Pisang		29	309	427	1,607	1,609	—	—	3,981
	Talang		39	88	102	157	78	38	—	502
35	Bilis		—	136	156	92	—	—	—	384
	Parang-Parang		489	1,902	4,441	7,640	9,968	1,100	—	25,540
	Tamban		70	371	577	13,591	19,605	6,467	—	40,681
	Terubok		—	—	—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	53	—	—	53
36	Aya/Kayu/Tongkol		—	3	42	102	132	19	—	298
	Layaran/Mersuji		—	67	128	—	147	—	—	342
37	Kembong/Temenong		137	961	1,985	60,508	97,143	12,055	—	172,789
	Tenggiri		403	1,272	2,361	4,756	6,429	351	—	15,572
	Timah/Layor/Selayor		2,883	6,738	9,714	9,527	14,180	217	—	43,259
38	Pari		3,104	11,579	12,546	9,404	6,924	33	—	43,590
	Yu		1,344	7,143	7,732	9,946	4,412	37	—	30,614
39	Ikan Baja		105,320	517,966	577,686	527,360	470,141	10,047	—	2,208,520
	Ikan Campur		4,034	21,868	23,604	16,884	20,192	460	—	87,042
	Jebong		151	472	2,142	1,487	1,299	—	—	5,551
42	Ketam		6,151	16,141	13,377	10,809	5,987	176	—	52,641
46	Udang		87,623	234,994	182,833	89,008	102,930	123	—	697,511
	Udang Baring		54	829	197	—	—	—	—	1,096
56	Kerang		—	—	—	—	—	—	—	—
	Siput/Kepah		—	20	12	6	—	—	—	38
57	Sotong		5,340	23,349	35,564	61,965	80,333	3,014	—	209,565
76	Ubur-Ubur		—	24,387	14,162	9,076	—	—	—	47,625
JUMLAH :-			240,669	977,031	1,047,088	981,293	1,030,264	40,050	—	4,316,395

PERLIS

Jadual (Table)
2.18

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAAP Group No	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0-49 Tons	5-99 Tons	10-19.9 Tons	20-29.9 Tons	30-49.9 Tons	50-99.9 Tons	100 Ton dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		-	-	-	-	133	-	-	133
	Puput/Beliat Mata/Tirok		-	-	-	-	-	-	-	-
25	Siakap		-	-	-	-	-	-	-	-
31	Lidah/Sebelah		235	810	791	-	975	-	-	2,811
33	Bayan		-	-	-	-	-	-	-	-
	Biji Nangka		-	-	12	-	-	-	-	12
	Daun Baharu		-	-	-	-	-	-	-	-
	Delah		-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik		-	-	-	-	-	-	-	-
	Dengkis/Debam		-	-	-	-	-	-	-	-
	Gelama/Tengerong		-	10	13	-	3,126	-	-	3,149
	Gerut Gerut		-	-	-	-	164	-	-	164
	Jenahak		-	-	-	-	-	-	-	-
	Kachi		-	-	-	-	-	-	-	-
	Kerapu		-	-	-	-	45	-	-	45
	Kerisi		-	-	-	-	264	-	-	264
	Kerisi Bali		-	-	-	-	-	-	-	-
	Kikek		-	-	-	-	-	-	-	-
	Malong		-	-	-	-	-	-	-	-
	Merah		-	-	-	-	-	-	-	-
	Mengkerong/Conor/Ubi2		-	-	-	-	139	-	-	139
	Remong/Kunyit2		-	-	-	-	-	-	-	-
	Semilang		-	-	-	-	-	-	-	-
	Shrumbu/Lemah		-	-	-	-	-	-	-	-
	Puntong Damar/Bulus		-	7	18	-	325	-	-	350
	Pasir-Pasir		-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang-Kacang		-	-	-	-	162	-	-	162
	Aruan Tasik		-	-	-	-	-	-	-	-
	Bawal		-	-	3	-	271	-	-	274
	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		-	-	14	-	591	-	-	605
	Tamban		-	-	-	-	-	-	-	-
	Terubok		-	-	-	-	-	-	-	-
	Bulan-Bulan		-	-	-	-	-	-	-	-
36	Aya/Kayu/Tongkol		-	-	-	-	-	-	-	-
	Layaran/Mersuji		-	-	-	-	-	-	-	-
37	Kembong/Temenong		-	-	-	-	249	-	-	249
	Tenggiri		-	-	-	-	163	-	-	163
	Timah/Layor/Selayor		-	-	-	-	503	-	-	503
38	Pari		15	111	137	-	284	-	-	547
	Yu		-	-	-	-	-	-	-	-
39	Ikan Baja		9,044	29,858	29,330	-	25,620	-	-	93,852
	Ikan Campur		468	1,447	1,539	-	676	-	-	4,130
	Jebong		-	-	-	-	-	-	-	-
42	Ketam		51	226	243	-	293	-	-	813
45	Udang		1,690	5,520	5,722	-	6,789	-	-	19,721
	Udang Baring		-	-	-	-	-	-	-	-
56	Kerang		-	-	-	-	-	-	-	-
	Siput/Kepah		-	-	-	-	-	-	-	-
57	Sotong		153	591	715	-	2,138	-	-	3,597
76	Ubur-Ubur		-	-	-	-	-	-	-	-
JUMLAH:			11,656	38,580	38,537	-	42,910	-	-	131,683

KEDAH

Jadual (Table)
2.19TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0-4.9 Tons	5-9.9 Tons	10-19.9 Tons	20-29.9 Tons	30-49.9 Tons	50-99.9 Tons	100 Tons dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	—	—	8	293	19	—	320
	Puput/Beliat Mata/Tirok		—	—	—	—	—	—	—	—
25	Siakap		—	—	—	8	141	14	—	163
31	Lidah/Sebelah		144	512	767	1,778	3,198	17	—	6,416
33	Bayan		—	—	—	—	—	—	—	—
	Biji Nangka		—	—	338	1,107	803	—	—	2,248
	Daun Baharu		—	—	123	338	440	13	—	914
	Deiah		—	—	—	1	2	—	—	3
	Duri/Puiutan/Utik		—	95	282	321	256	—	—	954
	Dengkis/Debam		—	—	—	—	—	—	—	—
	Gelama/Tengkerong		—	—	—	4,972	6,644	918	—	12,534
	Gerut-Gerut		—	—	—	437	1,177	144	—	1,758
	Jenahak		—	—	—	285	2,653	203	—	3,141
	Kachi		—	—	—	—	16	—	—	16
	Kerapu		52	149	879	1,009	1,179	16	—	3,284
	Kerisi		11	161	1,182	3,897	7,968	775	—	13,994
	Kerisi Bali		—	—	—	—	—	—	—	—
	Kikek		—	—	—	—	67	11	—	78
	Malong		—	—	—	795	1,030	5	—	1,830
	Merah		—	—	—	—	—	—	—	—
	Mengkerong/Conor/Ubi2		48	233	2,180	16,981	22,401	1,946	—	43,789
	Remong/Kunyit2		—	—	—	—	—	—	—	—
	Semilang		—	—	—	—	—	—	—	—
	Shrumbu/Lemah		—	—	—	—	—	—	—	—
	Puntong Damar/Bulus		—	106	490	1,002	1,861	48	—	3,507
	Pasir-Pasir		—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		—	—	895	1,469	2,624	324	—	5,312
	Aruan Tasik		—	—	—	4	787	42	—	833
	Bawal		23	52	142	492	1,265	28	—	2,002
	Belanak/Kedera		—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak		—	—	—	—	49	7	—	56
	Cincaru		—	—	—	8	233	—	—	241
	Demudok/Rambai		—	—	—	11	60	13	—	84
	Kurau/Senangin/Senohong		—	—	—	87	163	63	—	313
	Pelata/Selar		—	—	—	167	761	135	—	1,063
	Selar Kuning/Lolong		—	—	—	402	817	200	—	1,419
	Selayang/Curut		—	—	—	—	44	8	—	52
	Pisang-Pisang		—	—	—	—	—	—	—	—
	Talang		—	—	—	—	—	—	—	—
35	Bilis		—	—	—	—	—	—	—	—
	Parang-Parang		—	—	1,053	5,041	6,564	1,100	—	13,758
	Tamban		—	—	—	11,701	15,528	6,467	—	33,696
	Terubok		—	—	—	—	—	—	—	—
	Bufan-Bulan		—	—	—	—	53	—	—	53
36	Aya/Kayu/Tongkol		—	—	—	—	—	—	—	—
	Layaran/Mersuji		—	—	—	—	—	—	—	—
37	Kembong/Temenong		—	—	—	54,841	92,244	12,040	—	159,125
	Tenggiri		—	—	1,037	2,451	3,089	351	—	6,928
	Timah/Layor/Selayor		—	—	—	1,366	1,957	36	—	3,359
38	Pari		—	—	316	449	626	—	—	1,391
	Yu		—	—	235	201	327	—	—	763
39	Ikan Baja		18,950	38,102	53,760	138,948	154,109	8,696	—	412,565
	Ikan Campur		187	1,065	897	2,968	6,106	442	—	11,655
	Jebong		—	—	—	—	—	—	—	—
42	Ketam		133	458	1,675	4,252	2,882	45	—	9,445
45	Udang		6,115	17,107	14,341	29,326	60,185	48	—	127,122
	Udang Baring		—	—	—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—	—	—
57	Sotong		296	1,767	10,269	27,761	41,053	2,772	—	83,918
76	Ubur-Ubur		—	—	—	—	—	—	—	—
JUMLAH:—			25,959	59,797	90,861	314,884	441,655	36,946	—	970,102

Jadual (Table)
2.20

PULAU PINANG (PENANG)

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0-4.9 Tons	5-9.9 Tons	10-19.9 Tons	20-29.9 Tons	30-49.9 Tons	50-99.9 Tons	100 Ton dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		-	-	-	261	318	-	-	579
	Puput/Beliat Mata/Tirok		-	-	-	376	76	-	-	452
25	Siakap		-	-	-	-	-	-	-	-
31	Lidah/Sebelah		-	-	-	218	646	-	-	864
33	Bayan		-	-	-	-	-	-	-	-
	Biji Nangka		-	-	-	455	761	-	-	1,216
	Daun Baharu		-	-	-	3	262	-	-	265
	Delah		-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik		-	-	-	251	709	-	-	960
	Dengkis/Debam		-	-	-	-	-	-	-	-
	Gelama/Tengkerong		-	-	-	590	1,778	-	-	2,368
	Gerut-Gerut		-	-	-	210	364	-	-	574
	Jenahak		-	-	-	48	212	-	-	260
	Kachi		-	-	-	-	-	-	-	-
	Kerapu		-	-	-	73	180	-	-	253
	Kerisi		-	-	-	225	425	-	-	650
	Kerisi Bali		-	-	-	-	-	-	-	-
	Kikek		-	-	-	129	359	-	-	488
	Malong		-	-	-	119	440	-	-	559
	Merah		-	-	-	218	681	-	-	899
	Mengkerong/Conor/Ubi2		-	-	-	104	345	-	-	449
	Remong/Kunyit2		-	-	-	-	-	-	-	-
	Semilang		-	-	-	23	98	-	-	121
	Shrumbu/Lemah		-	-	-	125	215	-	-	340
	Puntong Damar/Bulus		-	-	-	-	-	-	-	-
	Pasir-Pasir		-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang-Kacang		-	-	-	211	470	-	-	681
	Aruan Tasik		-	-	-	-	-	-	-	-
	Bawal		-	-	-	309	401	-	-	710
	Balanak/Kedera		-	-	-	-	21	-	-	21
	Cermin/Sagai/Cupak		-	-	-	84	137	-	-	221
	Cincar		-	-	-	308	249	-	-	557
	Demudok/Rambai		-	-	-	175	199	-	-	374
	Kurau/Senangin/Senohong		-	-	-	103	56	-	-	159
	Pelata/Selar		-	-	-	212	292	-	-	504
	Selar Kuning/Lolong		-	-	-	-	-	-	-	-
	Selayang/Curut		-	-	-	-	-	-	-	-
	Pisang-Pisang		-	-	-	-	-	-	-	-
	Talang		-	-	-	-	-	-	-	-
35	Bilis		-	-	-	-	-	-	-	-
	Parang-Parang		-	-	-	206	390	-	-	596
	Tampan		-	-	-	68	806	-	-	874
	Terubuk		-	-	-	-	-	-	-	-
	Bulab-Bulan		-	-	-	-	-	-	-	-
36	Aya/Kayu/Tongkol		-	-	-	-	-	-	-	-
	Layaran/Mersuji		-	-	-	-	-	-	-	-
37	Kembong/Temenong		-	-	-	431	509	-	-	940
	Tenggiri		-	-	-	86	460	-	-	546
	Timah/Layar/Selayor		-	-	-	366	606	-	-	972
38	Pari		-	-	-	113	453	-	-	566
	Yu		-	-	-	223	388	-	-	611
39	Ikan Baja		-	-	-	15,326	22,162	-	-	37,488
	Ikan Campur		-	-	-	1,810	3,036	-	-	4,946
	Jebong		-	-	-	-	-	-	-	-
42	Ketam		-	-	-	348	756	-	-	1,104
45	Udang		-	-	-	4,535	10,726	-	-	15,261
	Udang Baring		-	-	-	-	-	-	-	-
56	Kerang		-	-	-	-	-	-	-	-
	Siput/Kepah		-	-	-	-	-	-	-	-
57	Sotong		-	-	-	1,602	2,430	-	-	4,032
76	Ubur-Ubur		-	-	-	-	-	-	-	-
	JUMLAH :-		-	-	-	30,044	52,416	-	-	82,460

Jadual (Table)
2.21

PERAK

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 - 4.9 Tons	5 - 9.9 Tons	10 - 19.9 Tons	20 - 29.9 Tons	30 - 49.9 Tons	50 - 99.9 Tons	100 Ton dan Jelajah (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		85	427	541	802	434	—	—	2,289
	Puput/Beliat Mata/Tirok		6	27	83	258	290	—	—	664
25	Siakap		804	1,554	581	422	581	18	—	3,960
31	Lidah/Sebelah		455	1,220	2,016	2,478	3,976	—	—	10,145
33	Bayan		—	—	—	—	—	—	—	—
	Biji Nangka		753	3,160	4,470	9,090	10,624	—	—	28,097
	Daun Baharu		—	—	80	158	123	—	—	361
	Delah		—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik		815	2,387	2,545	1,435	1,045	37	—	8,264
	Dengkis/Debam		28	48	22	15	7	—	—	120
	Gelama/Tengkerong		1,363	5,431	5,526	6,059	4,292	69	—	22,740
	Gerut-Gerut		91	515	278	550	418	64	—	1,716
	Jenahak		157	248	316	460	522	68	—	1,771
	Kachi		—	—	—	52	175	—	—	227
	Kerapu		91	183	451	1,295	1,943	219	—	4,182
	Kerisi		255	1,699	3,461	3,993	3,389	57	—	12,854
	Kerisi Bali		—	—	—	—	—	—	—	—
	Kikek		154	316	651	2,163	1,422	—	—	4,706
	Maiong		176	326	923	947	1,466	29	—	3,867
	Merah		148	486	541	872	1,167	118	—	3,332
	Mengkerong/Conor/Ubi2		818	2,045	1,832	3,610	3,065	121	—	11,491
	Remong/Kunyit2		328	606	4,432	2,224	1,034	—	—	8,624
	Semilang		223	254	148	97	55	2	—	779
	Shrumbu/Lemah		—	—	—	20	49	—	—	69
	Puntong Damar/Bulus		120	184	603	788	402	8	—	2,105
	Pasir-Pasir		—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		162	212	865	845	567	—	—	2,651
	Aruan Tasik		48	130	250	300	305	—	—	1,033
	Bawal		399	851	1,455	1,914	1,061	90	—	5,770
	Beranak/Kedera		231	153	125	3	—	—	—	512
	Cermin/Sagai/Cupak		31	65	152	185	370	—	—	803
	Cincaru		131	229	1,451	1,654	845	55	—	4,365
	Demudok/Rambai		—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong		338	470	573	352	121	—	—	1,854
	Pelata/Selar		47	155	325	310	309	9	—	1,155
	Selar Kuning/Lolong		194	955	647	2,227	2,013	—	—	6,036
	Selayang/Curut		61	211	202	924	1,118	—	—	2,516
	Pisang-Pisang		29	54	125	109	207	—	—	524
	Talang		39	88	102	157	78	38	—	502
35	Bilis		—	—	—	—	—	—	—	—
	Parang-Parang		176	429	1,431	930	869	—	—	3,835
	Tamban		70	140	223	462	315	—	—	1,210
	Terubuk		—	—	—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkoi		—	—	42	102	132	19	—	295
	Layaran/Mersuji		—	—	—	—	—	—	—	—
37	Kembong/Temenong		101	183	534	1,935	1,508	15	—	4,276
	Tenggiri		178	266	543	1,083	1,340	—	—	3,410
	Timah/Layar/Selayor		1,153	2,379	4,913	5,001	9,472	181	—	23,099
38	Pari		690	3,030	2,357	2,493	1,482	33	—	10,085
	Yu		513	1,437	1,581	3,342	1,441	37	—	8,351
39	Ikan Baja		42,509	117,902	111,734	105,784	124,247	1,351	—	503,527
	Ikan Campur		2,283	6,021	4,340	2,149	4,747	18	—	19,558
	Jebong		151	412	2,097	1,177	1,269	—	—	5,406
42	Ketam		2,530	7,886	3,746	1,403	992	131	—	16,688
45	Udang		74,133	116,539	57,311	17,614	5,303	75	—	270,975
	Udang Baring		—	—	—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—	—	—
57	Sotong		3,469	9,889	9,503	20,146	24,381	242	—	67,630
76	Ubur-Ubur		—	—	—	—	—	—	—	—
JUMLAH —			136,536	291,002	236,127	210,689	220,971	3,104	—	1,098,429

Jadual (Table)
2.22

SELANGOR

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISCAAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 - 4.9 Tons	5 - 9.9 Tons	10 - 19.9 Tons	20 - 29.9 Tons	30 - 49.9 Tons	50 - 99.9 Tons	100 Ton dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	—	—	—	—	—	—	—
	Puput/Beliat Mata/Tirok		717	1,896	1,671	886	4	—	—	5,174
25	Siakap		—	—	—	—	—	—	—	—
31	Lidah/Sebelah		635	2,660	5,432	3,710	1,684	—	—	14,121
33	Bayan		—	—	—	—	—	—	—	—
	Biji Nangka		30	517	498	4,541	1,032	—	—	6,618
	Daun Baharu		—	300	203	51	—	—	—	554
	Delah		—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik		904	4,273	3,213	1,710	173	—	—	10,273
	Dengkis/Debam		—	—	—	—	—	—	—	—
	Gelama/Tengkerong		6,929	19,290	23,769	13,013	5,532	—	—	68,533
	Gerut-Gerut		465	2,148	1,821	731	79	—	—	5,244
	Jenahak		—	—	—	—	—	—	—	—
	Kachi		—	—	—	—	—	—	—	—
	Kerapu		442	839	614	963	313	—	—	3,171
	Kerisi		—	10	8,415	3,108	1,021	—	—	12,554
	Kerisi Bali		—	—	—	—	—	—	—	—
	Kikek		—	68	86	34	979	—	—	1,167
	Malong		242	1,445	2,082	2,107	1,013	—	—	6,889
	Merah		—	—	—	1,660	1,337	—	—	2,997
	Mengkerong/Conor/Ubi2		—	—	166	304	900	—	—	1,370
	Remong/Kunyit2		—	—	—	—	—	—	—	—
	Semilang		325	418	137	—	—	—	—	880
	Shrumbu/Lemah		—	—	—	—	—	—	—	—
	Puntong Damar/Bulus		—	—	—	—	—	—	—	—
	Pasir-Pasir		—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		—	26	95	643	754	—	—	1,518
	Aruan Tasik		—	515	290	253	—	—	—	1,058
	Bawal		490	2,398	2,760	2,954	1,782	—	—	10,384
	Belanak/Kedera		—	702	108	85	27	—	—	922
	Cermin/Sagai/Cupak		—	—	—	29	327	—	—	356
	Cincaru		—	540	381	2,466	8,369	—	—	11,756
	Demudok/Rambai		—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong		—	—	—	10	6	—	—	16
	Pelata/Selar		32	419	572	938	2,259	—	—	4,220
	Selar Kuning/Lolong		301	241	369	68	1,077	—	—	2,056
	Selayang/Curut		—	—	—	—	—	—	—	—
	Pisang-Pisang		—	101	133	1,406	1,242	—	—	2,882
	Talang		—	—	—	—	—	—	—	—
35	Bilis		—	—	—	—	—	—	—	—
	Parang-Parang		303	1,001	1,481	1,283	1,414	—	—	5,482
	Tamban		—	18	79	1,353	2,956	—	—	4,406
	Terubuk		—	—	—	—	—	—	—	—
	Bulab-Bulan		—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	—	—	—	—	—	—	—
	Layaran/Mersuji		—	—	—	—	—	—	—	—
37	Kembong/Temenong		36	760	1,430	3,301	2,633	—	—	8,160
	Tenggiri		216	802	663	1,119	1,369	—	—	4,169
	Timah/Layor/Selayor		1,698	2,997	3,300	2,440	777	—	—	11,146
38	Pari		2,145	4,977	6,025	4,804	2,407	—	—	20,358
	Yu		696	3,538	3,753	5,281	1,211	—	—	14,479
39	Ikan Baja		28,770	210,170	280,756	211,057	105,808	—	—	836,561
	Ikan Campur		931	2,102	1,897	895	15	—	—	5,640
	Jebong		—	—	—	—	—	—	—	—
42	Ketam		3,413	6,014	6,240	4,005	434	—	—	20,106
45	Udang		4,688	64,204	74,626	27,770	9,124	—	—	180,412
	Udang Baring		—	50	38	16	—	—	—	104
56	Kerang		—	—	—	—	—	—	—	—
	Siput/Kepah		—	20	12	6	—	—	—	38
57	Sotong		998	5,462	7,078	9,229	4,837	—	—	27,604
76	Ubur-Ubur		—	24,387	14,162	8,076	—	—	—	47,625
JUMLAH :-			55,406	365,308	454,155	323,305	162,829	—	—	1,361,003

Jadual (Table)
2.23

KELANTAN

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 - 4.9 Tons	5 - 9.9 Tons	10 - 19.9 Tons	20 - 29.9 Tons	30 - 49.9 Tons	50 - 99.9 Tons	100 Ton dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		-	-	-	-	-	-	-	-
	Puput/Beliat Mata/Tirok		-	-	-	-	-	-	-	-
25	Siakap		-	-	-	-	-	-	-	-
31	Lidah/Sebelah		-	-	3	5	14	-	-	22
33	Bayan		-	-	-	-	-	-	-	-
	Biji Nangka		20	60	42	28	20	-	-	170
	Daun Baharu		-	-	-	-	-	-	-	-
	Delah		-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik		-	13	11	-	-	-	-	24
	Dengkis/Delam		-	-	-	-	2	-	-	2
	Gelama/Tengkerong		56	637	1,124	157	534	-	-	2,508
	Gerut-Gerut		-	-	-	-	-	-	-	-
	Jenahak		-	-	-	-	-	-	-	-
	Kachi		-	-	-	-	-	-	-	-
	Kerapu		-	-	-	-	-	-	-	-
	Kerisi		-	33	-	-	-	-	-	33
	Kerisi Bali		-	-	-	-	-	-	-	-
	Kikek		-	-	-	-	-	-	-	-
	Malong		-	11	5	-	-	-	-	16
	Merah		-	-	-	-	-	-	-	-
	Mengkerong/Conor/Ubi2		-	-	-	-	-	-	-	-
	Remong/Kunyit2		-	-	-	-	-	-	-	-
	Semilang		-	-	-	-	-	-	-	-
	Shrumbu/Lemah		-	-	-	-	-	-	-	-
	Puntong Danjar/Bulus		-	1	-	-	-	-	-	1
	Pasir-Pasir		-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang-Kacang		-	-	-	-	6	-	-	6
	Aruan Tasik		-	3	-	-	-	-	-	3
	Bawal		3	51	68	17	130	-	-	269
	Belanak/Kedera		-	4	-	-	-	-	-	4
	Cermin/Sagar/Cupak		-	-	-	-	-	-	-	-
	Cincaru		-	-	-	-	-	-	-	-
	Demudok/Rambai		1	10	18	12	54	-	-	95
	Kurau/Senangin/Senohong		-	-	-	-	-	-	-	-
	Pelata/Selar		-	-	-	-	-	-	-	-
	Selar Kuning/Lolong		-	-	-	-	-	-	-	-
	Selayang/Curut		-	-	-	-	-	-	-	-
	Pisang-Pisang		-	-	-	-	-	-	-	-
	Talang		-	-	-	-	-	-	-	-
35	Bilis		-	6	-	-	-	-	-	6
	Parang-Parang		-	10	2	-	-	-	-	12
	Tamban		-	2	-	-	-	-	-	2
	Terubuk		-	-	-	-	-	-	-	-
	Bulan-Bulan		-	-	-	-	-	-	-	-
36	Aya/Kayu/Tongkol		-	3	-	-	-	-	-	3
	Layaran/Mersuji		-	-	-	-	-	-	-	-
37	Kembong/Temenong		-	8	7	-	-	-	-	15
	Tenggiri		-	3	-	-	-	-	-	3
	Timah/Layor/Selayor		5	304	355	128	359	-	-	1,151
38	Pari		-	6	2	-	-	-	-	8
	Yu		-	7	-	-	-	-	-	7
39	Ikan Baja		103	1,388	1,808	342	606	-	-	4,247
	Ikan Campur		40	268	315	75	224	-	-	922
	Jebong		-	-	-	-	-	-	-	-
42	Ketam		1	37	43	7	18	-	-	106
45	Udang		101	1,432	1,990	400	1,174	-	-	5,097
	Udang Baring		54	779	159	-	-	-	-	992
56	Kerang		-	-	-	-	-	-	-	-
	Siput/Kepah		-	-	-	-	-	-	-	-
57	Sotong		10	377	474	147	705	-	-	1,713
76	Ubur-Ubur		-	-	-	-	-	-	-	-
JUMLAH :-			394	5,453	6,426	1,318	3,846	-	-	17,437

Jadual (Table)
2.24

TRENGGANU

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 - 4.9 Tons	5 - 9.9 Tons	10 - 19.9 Tons	20 - 29.9 Tons	30 - 49.9 Tons	50 - 99.9 Tons	100 Tons dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	—	—	—	—	—	—	—
	Puput/Beliat Mata/Tirok		—	—	—	—	—	—	—	—
25	Siakap		—	—	—	—	—	—	—	—
31	Lidah/Sebelah		205	2,674	2,778	129	921	—	—	6,707
33	Bayan		—	—	—	—	—	—	—	—
	Biji Nangka		871	5,526	8,001	841	5,039	—	—	20,278
	Daun Baharu		12	411	334	—	11	—	—	768
	Delah		—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik		386	3,481	2,888	264	916	—	—	7,935
	Dengkis/Debam		—	501	1,252	294	1,315	—	—	3,362
	Gelama/Tengerong		68	3,187	6,847	179	1,088	—	—	11,369
	Gerut-Gerut		—	287	790	96	536	—	—	1,709
	Jenahak		—	19	43	27	86	—	—	175
	Kaci		—	465	1,471	268	1,060	—	—	3,264
	Kerapu		—	226	557	204	1,261	—	—	2,248
	Kerisi		581	7,525	11,914	1,805	9,881	—	—	31,706
	Kerisi Bali		—	—	—	—	—	—	—	—
	Kikek		203	2,685	3,202	208	890	—	—	7,188
	Malong		—	—	1	1	—	—	—	2
	Merah		—	203	413	153	1,010	—	—	1,779
	Mengkerong/Conor/Ubi2		75	784	1,838	229	1,169	—	—	4,095
	Remong/Kunyit-Kunyit		2	96	95	1	87	—	—	281
	Semilang		—	—	—	—	—	—	—	—
	Shrumbu/Lamah		—	661	636	—	837	—	—	2,134
	Puntong Damar/Bulus		280	2,282	3,909	488	1,814	—	—	8,773
	Pasir-Pasir		—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang-Kacang		—	410	453	18	227	—	—	1,108
	Auran Tasik		—	—	—	—	—	—	—	—
	Bawal		—	3	5	2	—	—	—	10
	Belanak/Kedera		—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak		73	1,268	2,117	471	2,469	—	—	6,398
	Cincaru		—	—	—	7	52	—	—	59
	Demudok/Rambai		—	10	80	200	872	—	—	1,162
	Kurau/Senangin/Senohong		—	—	—	—	—	—	—	—
	Pelata/Selar		—	—	5	151	656	—	—	812
	Selar Kuning/Lolong		—	24	46	100	383	—	—	553
	Seiayang/Curut		—	—	—	—	—	—	—	—
	Pisang-Pisang		—	154	169	15	160	—	—	498
	Talang		—	—	—	—	—	—	—	—
35	Bilis		—	25	30	73	—	—	—	128
	Parang-Parang		—	45	66	1	26	—	—	138
	Tamban		—	3	3	7	—	—	—	13
	Terubuk		—	—	—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	—	—	—	—	—	—	—
	Layaran/Mersuji		—	67	128	—	147	—	—	342
37	Kembong/Temenong		—	—	—	—	—	—	—	—
	Tenggiri		—	—	—	—	—	—	—	—
	Timah/Layor/Selayor		13	698	918	117	563	—	—	2,309
38	Pari		237	1,231	1,477	182	912	—	—	4,039
	Yu		123	1,343	1,329	130	580	—	—	3,505
39	Ikan Baja		5,235	66,495	70,508	2,175	10,549	—	—	154,962
	Ikan Campur		48	3,544	4,043	367	2,478	—	—	10,580
	Jebong		—	60	45	10	30	—	—	145
42	Ketam		15	285	296	1	49	—	—	646
45	Udang		499	6,423	8,502	506	1,622	—	—	17,552
	Udang Baring		—	—	—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—	—	—
57	Sotong		396	3,376	4,910	498	3,042	—	—	12,222
76	Ubur-Ubur		—	—	—	—	—	—	—	—
JUMLAH :-			9,322	116,577	142,099	10,218	52,738	—	—	330,954

Jadual (Table)
2.25

PAHANG

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings of Trawler by Tonnage and Type of Fish - 1977)

ISCAAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0-4.9 Tons	5-9.9 Tons	10-19.9 Tons	20-29.9 Tons	30-49.9 Tons	50-99.9 Tons	100 Ton dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		-	-	-	190	-	-	-	190
	Puput/Beliat Mata/Tirok		-	-	-	-	-	-	-	-
25	Siakap		-	-	-	-	-	-	-	-
31	Lidah/Sebelah		-	7	94	132	28	-	-	261
33	Bayan		-	-	-	-	-	-	-	-
	Biji Nangka	4	-	81	166	176	100	-	-	527
	Daun Baharu	-	-	66	101	-	119	-	-	286
	Delah	-	-	-	-	-	-	-	-	-
	Duri/Pulut an/Utik	-	-	-	58	952	18	-	-	1,028
	Dengkis/Debam	-	-	-	-	184	-	-	-	184
	Gelama/Tengkerong	-	-	127	219	873	352	-	-	1,571
	Gerut-Gerut	-	-	-	-	-	-	-	-	-
	Jenahak	-	-	-	-	-	-	-	-	-
	Kachi	-	-	-	-	-	50	-	-	50
	Kerapu	-	-	-	-	-	32	-	-	32
	Kerisi	32	-	226	535	529	524	-	-	1,846
	Kerisi Bali	-	-	-	-	-	-	-	-	-
	Kikek	-	-	3	10	80	20	-	-	113
	Malong	-	-	-	-	-	-	-	-	-
	Merah	-	-	-	-	14	-	-	-	14
	Mengkerong/Conor/Ubi2	-	-	-	-	200	15	-	-	215
	Remong/Kunyi2	-	-	-	-	-	-	-	-	-
	Semilang	-	-	-	-	-	-	-	-	-
	Shrumbu/Lemah	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	-	-	46	73	292	242	-	-	653
	Pasir-Pasir	-	-	-	-	244	-	-	-	244
34	Alu-Alu/Kacang-Kacang	-	-	86	142	32	49	-	-	309
	Aruan Tasik	-	-	-	-	81	-	-	-	81
	Bawal	1	-	4	7	154	46	-	-	212
	Belanak/Kedera	-	-	19	36	62	26	-	-	143
	Cermi n/Sagai/Cupak	-	-	90	190	46	94	-	-	420
	Cincaru	-	-	-	-	-	-	-	-	-
	Demudok/Rambai	-	-	-	-	-	-	-	-	-
	Kurau/Senangin/Senohong	-	-	-	78	109	-	-	-	187
	Peiata/Selar	-	-	-	97	42	-	-	-	139
	Selar Kuning/Lolong	-	-	2	68	171	35	-	-	276
	Selayang/Curut	-	-	-	-	-	-	-	-	-
	Pisang-Pisang	-	-	-	-	77	-	-	-	77
	Talang	-	-	-	-	-	-	-	-	-
35	Bilis	-	-	-	-	19	-	-	-	19
	Parang-Parang	-	-	-	-	154	56	-	-	210
	Tamban	-	-	-	-	-	-	-	-	-
	Bulan-Bulan	-	-	-	-	-	-	-	-	-
36	Aya/Kayu/Tongkol	-	-	-	-	-	-	-	-	-
	Layaran/Mersuji	-	-	-	-	-	-	-	-	-
37	Kembong/Temenong	-	-	10	14	-	-	-	-	24
	Tenggiri	-	-	-	-	-	-	-	-	-
	Timah/Layor/Selayor	-	-	-	-	85	-	-	-	85
38	Par	7	-	134	218	876	436	-	-	1,671
	Yu	-	-	43	91	410	227	-	-	771
39	Ikan Baja	37	-	18,321	14,504	43,140	18,758	-	-	94,760
	Ikan Campur	-	-	692	5,774	5,048	511	-	-	12,025
	Jebong	-	-	-	-	-	-	-	-	-
42	Ketam	8	-	580	304	442	325	-	-	1,659
45	Udang	35	-	4,045	3,955	2,394	3,796	-	-	14,225
	Udang Baring	-	-	-	-	-	-	-	-	-
56	Kerang	-	-	-	-	-	-	-	-	-
	Siput/Kepah	-	-	-	-	-	-	-	-	-
57	Sotong	-	-	335	546	577	649	-	-	2,107
76	Ubur-Ubur	-	-	-	-	-	-	-	-	-
JUMLAH :-			124	24,917	27,280	57,785	26,508	-	-	136,614

Jadual (Table)
2.26

JOHOR BARAT (JOHORE WEST)

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0-4.9 Tons	5-9.9 Tons	10-19.9 Tons	20-29.9 Tons	30-49.9 Tons	50-99.9 Tons	100 Ton dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		-	-	-	-	-	-	-	-
	Puput/Beliat Mata/Tirok		13	1,059	763	64	14	-	-	1,913
25	Siakap		-	-	-	-	-	-	-	-
31	Lidah/Sebelah		-	77	122	-	-	-	-	199
33	Bayan		-	-	-	-	-	-	-	-
	Biji Nangka		-	-	-	-	-	-	-	-
	Daun Baharu		-	-	-	-	-	-	-	-
	Delah		-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik		-	-	-	-	-	-	-	-
	Dengkis/Debam		-	-	-	-	-	-	-	-
	Gelama/Tengkerong		27	2,620	2,127	149	20	-	-	4,943
	Gerut-Gerut		-	-	-	-	-	-	-	-
	Jenahak		-	-	6	-	-	-	-	6
	Kachi		-	-	-	-	-	-	-	-
	Kerapu		-	-	-	-	-	-	-	-
	Kerisi		-	-	-	-	-	-	-	-
	Kerisi Bali		-	-	-	-	-	-	-	-
	Kikek		-	-	-	-	-	-	-	-
	Malong		19	985	825	50	12	-	-	1,891
	Merah		-	-	-	-	-	-	-	-
	Mengkerong/Conor/Ubi2		-	-	-	-	-	-	-	-
	Remong/Kunyit2		-	-	-	-	-	-	-	-
	Semilang		-	-	-	-	-	-	-	-
	Shrubu/Lemah		-	-	-	-	-	-	-	-
	Puntong Damar/Bulus		-	-	-	-	-	-	-	-
	Pasir-Pasir		-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang-Kacang		-	82	127	-	-	-	-	209
	Aruan Tasik		-	-	-	-	-	-	-	-
	Bawal		9	516	422	21	10	-	-	978
	Belanak/Kedera		-	-	-	-	-	-	-	-
	Cermin/Sagai/Cupak		-	-	-	-	-	-	-	-
	Cincaru		-	25	26	-	-	-	-	51
	Demudok/Rambai		-	-	-	-	-	-	-	-
	Kayu/Senangin/Senohong		12	611	449	34	10	-	-	1,116
	Pelata/Selar		-	83	54	-	-	-	-	137
	Selar Kuning/Lolong		-	-	-	-	-	-	-	-
	Selayang/Curut		-	-	-	-	-	-	-	-
	Pisang-Pisang		-	-	-	-	-	-	-	-
	Talang		-	-	-	-	-	-	-	-
35	Bilis		-	105	126	-	-	-	-	231
	Parang-Parang		10	417	394	22	14	-	-	857
	Tamban		-	208	272	-	-	-	-	480
	Terubuk		-	-	-	-	-	-	-	-
	Bulan-Bulan		-	-	-	-	-	-	-	-
36	Aya/Kayu/Tongkol		-	-	-	-	-	-	-	-
	Layaran/Mersuji		-	-	-	-	-	-	-	-
37	Kembong/Temenong		-	-	-	-	-	-	-	-
	Tenggiri		9	201	118	17	8	-	-	353
	Timah/Layor/Selayor		14	360	228	24	9	-	-	635
38	Pari		10	940	840	51	15	-	-	1,856
	Yu		12	774	606	31	12	-	-	1,435
39	Ikan Baja		672	30,693	8,848	1,529	287	-	-	42,027
	Ikan Campur		63	4,118	1,999	325	50	-	-	6,555
	Jebong		-	-	-	-	-	-	-	-
42	Ketam		-	-	-	-	-	-	-	-
45	Udang		230	18,338	12,540	1,159	172	-	-	32,439
	Udang Baring		-	-	-	-	-	-	-	-
56	Kerang		-	-	-	-	-	-	-	-
	Siput/Kepah		-	-	-	-	-	-	-	-
57	Sotong		18	1,368	926	89	17	-	-	2,418
76	Ubur-Ubur		-	-	-	-	-	-	-	-
JUMLAH :-			1,118	63,580	31,816	3,565	650	-	-	100,729

Jadual (Table)
2.27

JOHOR TIMUR (JOHORE EAST)

TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN - 1977
(Landings by Trawlers by Tonnage and Type of Fish - 1977)

ISSCAP Group No.	Jenis Ikan (Type of Fish)	Ukuran Muatan (Tonnage)	0 - 4.9 Tons	5 - 9.9 Tons	10 - 19.9 Tons	20 - 29.9 Tons	30 - 49.9 Tons	50 - 99.9 Tons	100 Tons dan lebih (100 Tons and above)	Jumlah Pikul (Total Piculs)
24	Kebasi/Selangat		—	—	—	—	—	—	—	—
	Puput/Beliat Mata/Tirok		—	—	—	—	—	—	—	—
25	Siakap		—	—	—	—	—	—	—	—
31	Lidah/Sebelah		8	54	138	122	142	—	—	464
33	Bayan		—	—	—	—	—	—	—	—
	Biji Nangka		—	463	483	1,038	1,178	—	—	3,162
	Daun Baharu		—	—	—	—	—	—	—	—
	Delah		—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik		—	—	—	—	—	—	—	—
	Dengkis/Debam		—	—	—	—	—	—	—	—
	Gelama/Tengkerong		—	214	1,100	1,648	1,542	—	—	4,504
	Gerut-Gerut		—	—	—	—	—	—	—	—
	Jenahak		—	—	—	—	—	—	—	—
	Kachi		—	—	—	—	—	—	—	—
	Kerapu		—	—	—	—	—	—	—	—
	Kerisi		—	51	536	1,514	1,369	—	—	3,470
	Kerisi Bali		—	—	—	—	—	—	—	—
	Kikak		—	90	108	243	415	—	—	856
	Malong		—	—	—	—	—	—	—	—
	Merah		—	—	2	5	39	—	—	46
	Mengkerong/Conor/Ubi2		—	—	—	—	—	—	—	—
	Remong/Kunyit2		—	—	—	—	—	—	—	—
	Semilang		—	—	—	—	—	—	—	—
	Shrumbu/Lamah		—	—	—	—	—	—	—	—
	Puntong Damar/Bulus		—	—	111	359	428	—	—	898
	Pasir-Pasir		—	2	15	376	484	—	—	877
34	Alu-Alu/Kacang-Kacang		—	—	—	—	—	—	—	—
	Aruan Tasik		—	—	—	—	—	—	—	—
	Bawal		—	9	350	1,096	1,009	—	—	2,464
	Belanak/Kedera		—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak		—	—	2	162	80	—	—	244
	Cincaru		—	—	—	—	—	—	—	—
	Demudok/Rambai		—	—	—	—	—	—	—	—
	Kurau/Senangin/Senohong		—	—	—	—	—	—	—	—
	Polata/Selar		—	—	—	—	—	—	—	—
	Selar Kuning/Lolong		—	—	372	2,378	2,774	—	—	5,524
	Selayang/Curut		—	—	—	—	—	—	—	—
	Pisang-Pisang		—	—	—	—	—	—	—	—
	Talang		—	—	—	—	—	—	—	—
35	Bitis		—	—	—	—	—	—	—	—
	Parang-Parang		—	—	—	3	44	—	—	47
	Tamban		—	—	—	—	—	—	—	—
	Terubuk		—	—	—	—	—	—	—	—
	Bulan-Bulan		—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol		—	—	—	—	—	—	—	—
	Layaran/Mersuji		—	—	—	—	—	—	—	—
37	Kembong/Temenong		—	—	—	—	—	—	—	—
	Tenggiri		—	—	—	—	—	—	—	—
	Timah/Layor/Selayor		—	—	—	—	—	—	—	—
38	Pari		—	1,150	1,174	436	309	—	—	3,069
	Yu		—	1	137	328	226	—	—	692
39	Ikan Baja		—	5,037	6,440	9,059	7,995	—	—	28,531
	Ikan Campur		14	2,521	3,000	3,147	2,349	—	—	11,031
	Jebong		—	—	—	—	—	—	—	—
42	Ketam		—	655	830	351	238	—	—	2,074
45	Udang		132	1,386	3,846	5,304	4,039	—	—	14,707
	Udang Baring		—	—	—	—	—	—	—	—
56	Kerang		—	—	—	—	—	—	—	—
	Siput/Kepah		—	—	—	—	—	—	—	—
57	Sotong		—	184	1,143	1,916	1,081	—	—	4,324
76	Ubur-Ubur		—	—	—	—	—	—	—	—
JUMLAH:—			154	11,817	19,787	29,485	25,741	—	—	86,984

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA BORONG PURATA IKAN BASAH DI-PASAR BAGI TIAP-TIAP SEKATI MENGIKUT BULANAN – 1977
(Monthly Average Wholesale Market Prices of Fresh Fish – 1977)
(Harga dalam \$ /Kati – Prices at \$ /katty)

Jenis-Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	Apr (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis (Dec.)	Purata 1977 (Average 1977)
Bawal Hitam	\$2.35	\$2.24	\$2.35	\$2.30	\$2.29	\$2.37	\$2.38	\$2.59	\$2.59	\$2.71	\$2.79	\$2.90	\$2.49 /kati
Bawal Putih	4.16	4.22	4.38	4.40	4.22	4.27	4.45	5.10	4.93	4.98	4.97	4.97	4.59
Cincaru	0.77	0.74	0.81	0.74	0.73	0.80	0.92	0.90	0.95	0.90	1.01	1.06	0.86
Gelama	0.49	0.54	0.46	0.51	0.53	0.49	0.40	0.62	0.60	0.60	0.59	0.70	0.54
Kembong/Temenong	0.95	0.99	0.88	0.85	0.81	0.86	1.00	0.91	1.01	1.05	1.07	1.15	0.96
Kedera/Belanak	0.59	0.51	0.65	0.53	0.95	0.44	0.57	0.82	0.47	0.53	0.62	0.77	0.62
Kurau/Senohong	2.80	3.25	3.48	2.97	2.58	2.99	3.22	3.08	3.36	3.23	3.45	3.60	3.17
Merah	1.34	1.44	1.30	1.34	1.32	1.35	1.36	1.49	1.48	1.69	1.54	1.92	1.46
Parang-Parang/Pacal	1.63	1.63	1.63	1.56	1.44	1.66	1.57	1.91	1.85	1.96	1.82	2.13	1.73
Pari	0.48	0.47	0.39	0.45	0.40	0.41	0.47	0.48	0.50	0.52	0.67	0.81	0.50
Senangin	3.03	2.60	3.23	2.62	2.81	2.67	2.82	2.98	3.01	2.59	2.97	2.64	2.83
Tamban Sisek/Beluru	0.50	0.36	0.40	0.36	0.32	0.36	0.35	0.32	0.31	0.35	0.35	0.40	0.37
Tenggiri	2.11	2.00	1.86	1.93	1.88	2.01	2.05	2.15	2.16	2.34	2.23	2.16	2.07
Terubok	2.16	1.97	2.02	2.16	2.27	2.20	2.63	2.63	2.90	2.03	2.20	2.30	2.29
Udang Besar	6.56	6.77	6.92	6.91	7.09	7.22	7.29	7.43	7.43	6.96	5.08	7.15	6.90
Yu	0.45	0.45	0.42	0.37	0.36	0.40	0.45	0.48	0.43	0.49	0.52	0.65	0.46

Peringatan: Purata Harga-harga di Pasar-Pasar Besar Semenanjung Malaysia.

Punca : Lembaga Pemasaran Pertanian Persekutuan dan Bahagian Perikanan.

Note : Average Prices in Main Fish Markets in Peninsular Malaysia.

Source : Federal Agriculture Marketing Authority (FAMA) and Fisheries Division.

Jadual (Table)
3.2

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA RUNCIT PURATA IKAN BASAH DI-PASAR BAGI TIAP-TIAP SEKATI MENGIKUT BULANAN – 1977
(Monthly Average Retail Market Prices of Fresh Fish – 1977)
(Harga dalam \$ /kati – Prices at \$ /katty)

Jenis-Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	Apr (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Purata 1977 (Average 1977)
Bawal Hitam	\$2.66	\$2.57	\$2.65	\$2.60	\$2.77	\$2.72	\$2.62	\$2.92	\$2.87	\$3.17	\$3.10	\$3.00	\$2.80 /kati
Bawal Putih	4.62	4.80	4.82	4.59	4.46	4.80	5.10	6.00	5.52	5.59	5.40	5.70	5.12
Cincaru	1.49	0.86	1.01	0.90	0.83	0.97	1.12	1.12	1.10	1.16	1.17	1.07	1.07
Gelama	0.62	0.67	0.61	0.61	0.67	0.67	0.59	0.82	0.66	0.73	0.70	0.80	0.68
Kembong/Temenong	1.14	1.19	1.09	1.03	0.95	1.05	1.12	1.16	1.25	1.26	1.30	1.35	1.16
Kedera/Belanak	0.72	0.69	0.85	0.68	0.78	0.72	0.77	1.12	0.61	0.71	1.00	0.90	0.80
Kurau/Senohong	3.75	3.47	3.88	3.12	3.16	3.35	3.62	3.52	3.47	3.75	3.80	3.95	3.57
Merah	1.55	1.70	1.57	1.62	1.46	1.55	1.60	1.82	1.70	1.75	1.80	1.90	1.67
Parang-Parang/Pacai	1.85	1.85	1.87	1.77	1.76	1.84	1.85	2.17	1.90	2.05	2.31	2.25	1.96
Pari	0.61	0.62	0.55	0.57	0.57	0.54	0.65	0.69	0.62	0.69	0.76	0.90	0.65
Senangin	3.37	3.27	3.59	3.22	3.10	3.18	3.22	3.43	3.07	3.31	3.26	2.96	3.25
Tamban Sisek/Beluru	0.56	0.51	0.55	0.51	0.46	0.47	0.45	0.46	0.51	0.43	0.42	0.45	0.48
Tenggiri	2.36	2.09	2.24	2.28	2.11	2.27	2.48	2.52	2.40	2.41	2.50	2.45	2.34
Terubok	2.50	1.85	2.35	2.37	2.63	2.70	2.73	3.00	2.40	2.05	2.03	2.06	2.39
Udang Besar	7.18	7.61	7.55	7.78	7.88	7.86	8.19	8.02	7.88	7.65	7.76	7.75	7.76
Yu	0.62	0.61	0.55	0.52	0.50	0.53	0.60	0.60	0.54	0.61	0.65	0.75	0.59

Peringatan: Purata Harga-harga di Pasar-Pasar Besar Semenanjung Malaysia.

Punca : Lembaga Pemasaran Pertanian Persekutuan dan Bahagian Perikanan.

Note : Average Prices in Main Fish Markets in Peninsular Malaysia.

Source : Federal Agriculture Marketing Authority (FAMA) and Fisheries Division.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI HARGA BORONG PASARAN IKAN LAUT – 1977
(Wholesale Market Values of Marine Fish – 1977)

Jadual (Table)
3.3

NEGERI (STATE)	GRADE I		GRADE II		GRADE III		OCEANIC TUNA AND OTHER OCEANIC FISH		MANURE FISH		SHELLFISH		JUMLAH (TOTAL)	
	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$
Perlis	23,749	9,499,600	2,496	506,688	111,833	8,051,976	—	—	98,851	685,038	—	—	236,929	18,743,302
Kedah	261,548	104,619,200	33,527	6,805,981	470,052	33,843,744	—	—	414,811	2,874,640	3,865	88,895	1,183,803	148,232,460
Pulau Pinang (Penang)	71,362	28,544,800	11,117	2,256,751	145,872	10,502,784	—	—	148,911	1,031,953	85,954	1,976,942	463,216	44,313,230
Perak	451,254	180,501,600	46,129	9,364,187	623,819	44,914,968	—	—	582,106	4,033,995	663,088	15,251,024	2,366,396	254,065,774
Selangor	234,560	93,824,000	44,013	8,934,639	487,640	35,110,080	—	—	934,618	6,476,903	48,987	1,126,701	1,749,818	145,472,323
Negeri Sembilan	600	240,000	5,146	1,044,638	1,685	121,320	—	—	—	—	—	—	7,431	1,406,958
Melaka (Malacca)	1,467	586,800	10,982	2,229,346	10,262	738,864	—	—	1,301	9,016	—	—	24,012	3,564,026
Kelantan	10,769	4,307,600	6,221	1,262,863	85,965	6,189,480	—	—	4,311	24,055	—	—	107,266	11,783,998
Trengganu	89,758	35,903,200	65,122	13,219,766	975,182	70,213,104	—	—	155,979	870,363	—	—	1,286,041	120,206,433
Pahang	17,979	7,191,600	6,192	1,256,976	110,975	7,990,200	—	—	95,616	533,537	—	—	230,762	16,972,313
Johor Timur (East)	25,174	10,069,600	4,290	870,870	262,221	18,879,912	—	—	69,264	386,493	—	—	360,949	30,206,875
Johor Barat (West)	55,693	22,277,200	26,618	5,403,454	75,720	5,451,840	—	—	56,303	390,180	181	4,163	214,515	33,526,837
JUMLAH (TOTAL)	1,243,913	497,565,200	261,853	53,156,159	3,361,226	242,008,272	—	—	2,562,071	17,316,173	802,075	18,447,725	8,231,138	828,493,529

- Notes:
- (1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Udang and Ikan Bilis.
Grade II Includes Jenahak, Kerapu, Parang, Terubuk, Puput-Puput and Tenggiri.
Grade III Includes Merah, Alu-Alu, Cermin, Cincaru, Selar, Demudok, Dengkis, Gerut-Gerut, Kaci, Kerppok, Lidah, Pelata, Remong, Shrumbu, Sotong, Aya/Tongkol, Aruan Tasik, Bayan, Belanak, Biji Nangka, Daun Baharu, Duri, Gelama, Jebong, Kambong, Kerisi, Kikek, Malong, Pari, Selangat, Selar Kuning, Selar Pucat, Selayang, Semilang, Talang, Tamban, Timah, Yu, Udang Baring etc.
 - (2) Grade I Price at \$4.00 per katty is calculated from the average prices of Bawal Putih & Hitam, Senangin, Udang and Kurau.
Grade II Price at \$2.03 per katty is calculated from the average prices of Tenggiri, and Parang.
Grade III Price at \$0.72 per katty is calculated from the average prices of Cincaru, Kambong and Merah.
 - (3) Prices of Manure Fish are estimated at \$6.93 per picul (West Coast) and \$5.58 per picul (East Coast)
 - (4) Prices of Shellfish are estimated at \$0.23 per katty.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI HARGA RUNCIT PASARAN IKAN LAUT – 1977
(Retail Market Values of Marine Fish – 1977)

Jurnal (Table)
3.4

NEGERI (STATE)	GRADE I		GRADE II		GRADE III		OCEANIC TUNA AND OTHER OCEANIC FISH		MANURE FISH		SHELLFISH		JUMLAH (TOTAL)	
	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$
Perlis	23,749	10,687,050	2,496	556,608	111,833	9,953,137	—	—	98,851	1,002,349	—	—	236,929	22,199,144
Kedah	261,548	117,696,600	33,527	7,476,521	470,052	41,834,628	—	—	414,811	4,206,184	3,865	135,275	1,183,803	171,349,208
Pulau Pinang (Penang)	71,362	32,112,900	11,117	2,479,091	145,872	12,982,608	—	—	148,911	1,509,958	85,954	3,008,390	463,216	52,092,947
Perak	451,254	203,064,300	46,129	10,286,767	623,819	55,519,891	—	—	582,106	5,902,555	663,088	23,208,080	2,366,396	297,981,593
Selangor	234,560	105,552,000	44,013	9,814,899	487,640	43,399,960	—	—	934,618	9,477,026	48,987	1,714,545	1,749,818	169,958,430
Negeri Sembilan	600	270,000	5,146	1,147,558	1,685	149,965	—	—	—	—	—	—	7,431	1,567,523
Melaka (Malacca)	1,467	660,150	10,982	2,448,986	10,262	913,318	—	—	1,301	13,192	—	—	24,012	4,035,646
Kelantan	10,769	4,846,050	6,221	1,387,283	85,965	7,650,885	—	—	4,311	30,349	—	—	107,266	13,914,567
Trengganu	89,758	40,391,100	65,122	14,522,206	975,182	86,791,198	—	—	155,979	1,098,092	—	—	1,286,041	142,802,596
Pahang	17,979	8,090,550	6,192	1,380,816	110,975	9,876,775	—	—	95,516	673,137	—	—	230,762	20,021,278
Johor Timur (East)	25,174	11,328,300	4,290	956,670	262,221	23,337,669	—	—	60,264	487,619	—	—	360,949	36,110,258
Johor Barat (West)	55,693	25,061,850	26,618	5,935,814	75,720	6,739,080	—	—	56,303	570,912	181	6,335	214,515	38,313,991
JUMLAH (TOTAL)	1,243,913	559,760,850	261,853	58,393,219	3,361,226	299,149,114	—	—	2,562,071	24,971,373	802,075	28,072,625	8,231,138	970,347,181
	74042 mt		15586 mt		200073 mt				152504 mt		47743 mt		489949 mt	

- Notes:
- (1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Udang and Ikan Bilis.
Grade II Includes Jenahak, Kerapu, Parang, Tenggiri, Terubuk and Puput-Puput.
Grade III Includes Merah, Alu-Alu, Cernin, Cincaru, Selar, Demudok, Dengkis, Gerut-Gerut, Kaci, Kerupok, Lidi, Pelata, Pemong, Shrumbu, Sotong, Ketam, Aya/Tongkol, Aruan Tasik, Bayan, Belanak, Biji Nangka, Daun Baharu, Duri, Gelama, Jebong, Kembong, Kerisi, Kitek, Malong, Pari, Selangat, Selar Kuning, Selar Pusat, Selayang, Semilang Talang, Tamban, Yu, Udang Baring etc.
 - (2) Grade I Price at \$4.50 per katty is calculated from the average prices of Bawal Putih, Bawal Hitam, Senangin, Udang and Kurau.
Grade II Price at \$2.23 per katty is calculated from the average prices of Tenggiri and Parang.
Grade III Price at \$0.89 per katty is calculated from the average prices of Cincaru, Kembong and Merah.
 - (3) Prices of Manure Fish are estimated at \$10.14 per picul (West Coast) and \$7.04 per picul (East Coast).
 - (4) Prices of Shellfish are estimated at \$0.35 per katty.

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

3.5

NILAI TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED-GRED IKAN 1977
(VALUE OF MARINE FISH LANDINGS BY GEAR GROUP AND GRADE OF FISH - 1977)

Pendaratan dan Nilai (Landings and Value)	Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)	Jaring Hanyut (Drift/Gill Nets)	Pukat Tanggok (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shell-fish)	Rampaian (Miscellaneous)	Jumlah (Total)	
					Belat-Belat (Stakes)	Bubu (Portable)							Pikul (Piculs)	Value M\$
Gred I														
Grade I Piculs	724,613	329,037	82,262	8,567	30,689	135	2,839	61,464	756	2,890	—	661	1,243,913	
N.B. \$	289,845,200	131,614,800	32,904,800	3,426,800	12,275,600	54,000	1,135,600	24,585,600	302,400	1,156,000	—	264,400	497,565,200	
N.R. \$	326,075,850	148,066,650	37,017,900	3,855,150	13,810,050	60,750	1,277,550	27,658,800	340,200	1,300,500	—	297,450	559,760,850	
Gred II														
Grade II Piculs	67,883	1,392	127,824	1,323	331	11,061	52,027	—	12	—	—	—	261,853	
N.B. \$	13,780,249	282,576	25,948,272	268,569	67,193	2,245,383	10,561,481	—	2,436	—	—	—	53,155,159	
N.R. \$	15,137,909	310,416	28,504,752	295,029	73,813	2,466,603	11,602,021	—	2,676	—	—	—	58,393,219	
Gred III														
Grade III Piculs	1,315,341	1,136,693	191,035	176,286	25,438	58,308	231,673	199,242	6,013	9,670	—	11,527	3,361,226	
N.B. \$	94,704,552	81,841,896	13,754,520	12,692,592	1,831,536	4,198,176	16,680,456	14,345,424	432,936	696,240	—	829,944	242,008,272	
N.R. \$	117,065,349	101,165,677	17,002,115	15,689,454	2,263,982	5,189,412	20,618,897	17,732,538	535,157	860,630	—	1,026,903	299,149,114	
Ikan														
Baja (Manure Fish)														
Piculs	2,208,520	143,978	3,926	—	26,633	21	—	177,741	1,240	6	—	6	2,562,071	
N.B. \$	14,923,668	994,186	27,100	—	179,164	117	—	1,183,261	8,593	42	—	42	17,316,173	
N.R. \$	21,518,643	1,451,712	39,561	—	257,652	148	—	1,690,961	12,574	61	—	61	24,971,373	
Kerang/ Siput (Shell-fish)														
Piculs	38	—	—	—	—	—	—	7,087	—	—	794,950	—	802,075	
N.B. \$	874	—	—	—	—	—	—	163,001	—	—	18,283,850	—	18,447,725	
N.R. \$	1,330	—	—	—	—	—	—	248,045	—	—	27,232,250	—	28,072,625	
Jumlah (Total) Piculs:	4,316,395	1,611,100	405,047	186,176	83,091	69,525	286,539	445,534	8,021	12,566	794,950	12,194	8,231,138	

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

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)
3.6

PENGUNAAN PENDARATAN IKAN LAUT, 1977
(Disposition of Marine Fish Landings, 1977)

Negeri (State)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Keiantan	Trengganu	Pahang	Johor (Johore)	JUMLAH (TOTAL)		
												Pikul (Piculs)	M Ton (M Tonnes)	
Cara Penggunaan (Disposition Channel)														
Diguna secara hidup (Disposed alive)	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diguna secara basah (Disposed fresh)	229,829	430,443	377,813	1,903,144	1,075,169	7,431	23,512	54,036	1,044,764	156,302	518,389	5,820,832	352,138	
Diguna untuk dibeku (Disposed for freezing)	—	—	—	7,675	—	—	—	—	—	—	—	7,675	464	
Diguna untuk mengetin (Disposed for canning)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Diguna untuk diawit (Disposed for curing)	Kering/masin/diasap (Dried/salted/smoked)	100	314,821	17,232	186,516	107,331	—	82	19,133	154,803	8,612	2,026	810,656	49,042
	Rebus (Steamed/boiled)	—	—	—	14,896	—	—	—	—	—	—	14,896	901	
	Diragikan (Fermented)	—	1,210	34,528	51,522	—	—	418	117	535	—	8,719	97,049	5,871
	Lain-lain (Others)	—	91	—	138	—	—	32,195	7,377	157	646	40,604	2,456	
Diguna untuk mengubahkan (Disposed for reduction)	—	227,760	18,360	38,808	457,780	—	—	—	11,040	25,036	10,564	789,348	47,753	
Diguna untuk lain-lain (Disposed for others)	7,000	209,478	15,283	163,697	109,538	—	—	1,785	67,522	40,655	35,120	650,078	39,327	
JUMLAH (Pikul) (TOTAL) : (Piculs)	236,929	1,183,803	463,216	2,366,396	1,749,818	7,431	24,012	107,266	1,286,041	230,762	575,464	8,231,138	497,952	

NA — Not Available

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

3.7

HASIL IKAN LAUT YANG DIPEROSES - 1977

(PROCESSED MARINE FISH PRODUCTS - 1977)

TIMBANGAN DALAM PIKUL - WEIGHTS IN PICULS

Jenis Hasil Pengeluaran (Type of Products) Negeri (States)	Ikan Masin Ikan Kering (Salted/ Dried Fish)	Bilis Kering (Dried Bilis)	Ikan Rebus (Boiled Fish)	Ikan Baja (Manure Fish)	Tepung Ikan (Fish Meal)	Udang Kering (Salted/ Dried Prawn Dust)	Tepung /Kulit udang (Prawn Dust)	Otak Udang (Prawn Paste)	Belacan (Shrimp Paste)	KERUPOK (Crackers)		Cincajuk (Pickled Prawn)	Aya Asap (smoke Tuna)	Sotong (Cuttle Fish)	Udang Ti Kapok (Cooked Frozen Prawn)	Budu (Fermen- ted Ancho- ries)	Ubur- ubur (Jelly Fish)	Kerang kering (Dried Cockles)	JUMLAH (TOTAL)
										Ikan (Fish)	Udang (Prawn)								
PERLIS	—	—	—	4,200	—	25	—	—	—	—	—	—	—	—	—	—	—	—	4,225
KEDAH	23,967	68,703	—	125,687	56,940	16	—	16	336	26	33	—	—	—	—	—	—	—	275,724
PULAU PINANG(PENANG)	3,989	—	—	9,170	4,590	2,646	—	1,830	5,193	—	—	—	—	—	—	—	—	—	27,418
PERAK	14,640	17,646	11,917	98,218	9,525	7,918	177	—	16,487	76	14	—	—	—	4,605	—	5,986	—	187,209
SELANGOR	17,138	—	—	65,723	114,445	9,937	—	—	—	—	—	—	—	—	—	—	3,802	100	211,145
NEGERI SEMBILAN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MELAKA (MALACCA)	49	—	—	—	—	—	—	—	73	—	—	57	—	—	—	—	—	—	179
JOHOR (JOHORE)	911	127	—	21,072	2,641	—	—	—	2,790	171	249	—	—	—	—	—	—	—	27,961
KELANTAN	11,098	10	—	1,071	—	—	—	—	—	20,927	—	—	156	19	—	35	—	—	33,316
TRENGGANU	36,495	21,807	—	40,513	2,760	—	—	—	124	4,795	—	—	1,665	300	—	44	—	—	108,503
PAHANG	4,003	485	—	24,393	6,259	—	—	—	—	102	—	—	—	—	—	—	—	—	35,242
JUMLAH (TOTAL):	112,290	108,778	11,917	390,047	197,160	20,542	177	1,846	25,003	26,097	296	57	1,821	319	4,605	79	9,788	100	910,922

Timbangan diambil selepas diawitkan

(Weights taken after preservation)

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPOT DAN EKSPOT IKAN, HASIL-HASIL PERIKANAN,
KRUSTASIA DAN MOLUSK - 1977
(IMPORTS AND EXPORTS OF FISH, FISHERIES
PRODUCTS, CRUSTACEA AND MOLUSCS - 1977)
(Qty. in Long Tons)

S.I.T.C.	DESCRIPTION OF COMMODITY	Import		Export	
		Quantity (Ton)	Value (\$)	Quantity (Ton)	Value (\$)
	FRESH, CHILLED OR FROZEN				
031 131	Marine Fish-Tuna, fresh, chilled or frozen	2,242.00	2,990,802	2,607.79	7,271,764
031 132	Marine Fish-Sauries, fresh, chilled or frozen	489.19	1,554,038	0.08	75
031 139	Marine Fish-Other than Tuna & Sauries, fresh, chilled or frozen	55,713.15	33,017,679	21,794.90	22,866,867
031 180	Freshwater Fish, fresh, chilled or frozen	777.51	557,827	169.86	131,744
031 301	Crustacea-Prawns, fresh, chilled	14,399.12	6,918,745	3,511.94	6,243,726
031 302	Crustacea-Prawns, fresh, frozen	1,734.56	1,208,210	11,481.40	81,020,807
031 303	Crustacea-Other than Prawns, fresh, chilled or frozen	1,506.10	583,689	309.45	748,451
031 305	Molluscs-Oysters, fresh	272.53	251,462	84.45	92,720
031 306	Molluscs-Other than Oysters, fresh, chilled or frozen	1,721.14	1,051,472	17,721.29	8,915,540
011 891	Beche-de-Mer (Trepang), fresh chilled or frozen	16.31	28,176	—	—
Sub-Total		78,871.61	48,162,100	57,681.16	127,291,694
	SALTED, IN BRINE, DRIED SMOKED OR SIMPLY BOILED				
031 201	Fishmaws, salted, in brine, dried or smoked	18.01	170,201	7.26	5,920
031 202	Sharks' Fins, salted, in brine, dried or smoked	200.97	1,752,497	10.76	39,600
031 205	Salmon, smoked	8.05	219,850	* *	450
031 206	Fish, other than Salmon, smoked	29.53	58,828	70.65	708,637
031 203	Other Marine Fish, salted, in brine or dried	3,576.40	3,176,312	3,944.87	5,821,524
031 204	Other Freshwater Fish, salted in brine or dried	0.42	2,216	74.83	65,593
031 304	Crustacea, salted, in brine, dried or simply boiled	626.02	1,128,582	171.34	310,939
031 307	Molluscs, salted, in brine, dried or simply boiled	1,687.38	2,673,698	739.86	2,452,597
012 902	Beche-de-Mer (Trepang), salted, in brine, dried or smoked	327.61	422,597	14.30	24,395
Sub-Total		6,475.29	9,664,781	5,033.87	9,429,705

Note: Crustacea being crabs, lobster, prawns, abalone and the like.
Molluscs being oysters, cockles, cuttlefish and the like.

* * denotes quantity of less than 0.01 ton.

(Qty. in Long Tons)

Sambungan (Continued)

S.I.T.C.	DESCRIPTION OF COMMODITY	Import		Export	
		Tons	\$	Tons	\$
	PREPARED OR PRESERVED (In airtight containers)				
032 001	Sardines	5,687.12	11,960,371	662.30	1,166,998
032 012	Herring and Brislings	24.29	93,276	10.05	7,342
032 013	Pilchardis	—	41	—	—
032 014	Salmon	17.60	108,294	8.04	38,440
032 019-1	Sauries	9.04	24,343	3.01	5,170
032 017	Tuna	67.06	311,794	427.86	1,852,706
032 019-2	Horse Mackerels	5,295.26	11,291,019	1,807.40	3,069,700
032 019-3	Other Fish	1,235.39	1,145,146	1,993.62	4,192,466
032 021	Abalone	327.39	1,576,190	0.10	2,445
032 022	Prawns and Shrimps	10.12	11,149	965.13	3,431,402
032 023	Crabs	0.19	1,248	115.28	416,798
032 024	Cuttlefish	665.06	120,839	1,212.41	2,800,790
032 029	Other Crustacea and Molluscs	60.90	187,691	424.90	1,118,560
	(In other than airtight containers)				
032 016	Sharks' Fins	0.52	4,813	—	—
032 015	Fish Paste and Similar Preparations	19.09	46,357	42.16	102,746
032 010	Fish, boiled or steamed	5.24	6,845	0.50	630
032 018	Other Fish Preparations	103.55	364,030	348.53	669,045
032 028	Crustacea and Molluscs	536.62	1,200,872	199.16	257,715
	Sub-Total	14,064.44	28,454,318	8,220.45	19,132,953
	MISCELLANEOUS				
031 110	Fish Fry, alive (Quantity in number)	*319,311	145,733	*14,082	14,592
031 120	Fish for Aquaria (Quantity in number)	*3,037,856	165,191	*4,787,498	267,172
291 940	Fish Waste	0.12	476	0.40	180
291 140	Tortoise Shell (Shell & Scales)	10.01	5,627	14.57	14,492
291 150	Coral and Similar Substances	103.84	26,642	23,939.50	350,478
291 991	Turtle Eggs (Quantity in number)	*15,900	425	—	—
291 998	Other Products of Fish, Crustacea & Molluscs	—	—	—	—
411 100	Fats and Oils of Fish and Marine Mammals	92.04	180,081	11.93	10,772
099 052	Soups & Broths of Fish, Crustacea & Molluscs	6.56	38,253	0.16	350
081 402	Fish Meal	16,999.96	8,358,731	3,611.85	1,058,794
081 401	Prawn Dust	109.70	13,806	1,360.51	240,019
081 409	Other Flours and Meals of Fish, Crustacea & Molluscs	21.99	14,800	153.41	51,387
271 101	Crude Fish Fertilizers	0.45	1,753	9.20	2,705
099 045	Belachan	11.60	4,871	6,294.02	1,832,322
	Sub-Total	17,356.27	8,956,389	35,395.55	3,843,263
	TOTAL :—	116,767.61	95,237,588	106,331.03	159,697,615

S.I.T.C. — Standard International Trade Classification.

* Excluding the total number of Fish Fry, Fish for Aquaria and Turtle Eggs.

Jadual (Table)
4.2 a

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(IMPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Fresh Chilled or Frozen (Kuantiti dlm. Long Ton — Qty. in Long Tons)

Countries S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U.Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
031—131	0	440	—	—	3	2,930	608	504,153	—	—	1,240	2,058,952	—	—	—	—	—	—	391	424,327	2,242	2,990,802
031—132	—	—	—	—	—	—	434	1,425,210	—	—	53	124,377	—	—	—	—	0	22	2	4,429	489	1,554,038
031—139	1,269	916,285	370	541,945	53,507	30,694,557	73	317,080	4	2,600	145	71,463	0	1,413	4	38,007	5	37,366	336	396,963	55,713	33,017,679
031—180	147	109,513	27	35,793	454	193,439	4	58,456	—	—	53	19,762	4	4,699	3	26,584	2	9,323	84	100,258	778	557,827
031—301	507	464,663	30	38,929	13,831	6,335,652	—	—	—	—	0	300	—	—	—	—	—	—	31	79,201	14,399	6,918,745
031—302	292	259,264	2	3,562	1,396	675,158	0	376	—	—	—	—	—	—	—	—	0	780	45	269,070	1,735	1,208,210
031—303	95	78,488	0	1,000	862	417,500	305	1,636	—	—	0	30	—	—	0	5,590	—	—	244	79,445	1,506	583,689
031—305	3	3,571	3	7,356	3	2,168	2	36,733	0	4,013	—	—	3	8,345	—	—	—	—	259	189,276	273	251,462
031—306	167	105,919	1	2,425	1,523	827,855	1	26,969	—	—	—	—	—	—	0	6,816	0	1,385	29	80,103	1,721	1,051,472
011—891	—	—	5	9,421	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11	18,755	16	28,176
Jumlah (Total)	2,480	1,938,143	438	640,431	71,579	39,149,259	1,427	2,370,613	4	6,613	1,491	2,274,884	7	14,457	7	76,997	7	48,876	1,432	1,641,827	78,872	48,162,100

S.I.T.C. — Standard International Trade Classification.

0— Menandakan kurang daripada 1 Ton
(indicate less than 1 Ton)

Jadual (Table)
4.2 b

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(IMPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Salted in brine, Dried, Smoked or Simply Boiled (Kuantiti dim. Long Ton - Qty. in Long Tons)

Countries S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U.Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
031-201	5	50,801	5	33,304	—	—	0	368	—	—	0	300	0	12,762	0	300	—	—	8	72,366	18	170,201
031-202	34	343,345	74	621,320	1	505	32	253,470	—	—	5	27,776	0	1,697	—	—	—	—	55	504,384	201	1,752,497
031-205	—	—	—	—	0	100	0	11,607	—	—	—	—	—	—	0	130,096	4	2,295	4	75,752	8	219,850
031-206	—	—	9	13,189	20	34,576	0	1,400	—	—	—	—	—	—	—	—	1	8,307	0	1,356	30	58,828
031-203	123	149,300	356	445,000	2,895	2,067,758	2	7,078	—	—	7	16,489	37	71,768	—	—	0	118	156	418,801	3,576	3,176,312
031-204	—	—	—	—	—	—	0	44	—	—	—	—	—	—	—	—	0	72	0	2,100	0	2,216
031-304	15	32,913	348	776,223	234	226,974	8	84,442	—	—	0	520	2	1,838	0	6,986	3	17,957	17	40,729	627	1,188,582
031-307	108	45,372	148	224,684	878	647,370	15	182,302	26	138,234	0	1,519	162	345,917	—	—	0	1,087	350	1,087,213	1,687	2,673,698
012-902	0	2,119	235	249,892	—	—	—	—	—	—	—	—	6	7,860	1	1,517	—	—	86	161,209	328	422,597
Jumlah (Total)	285	623,850	1,175	2,363,612	4,028	2,977,283	57	540,711	26	138,234	12	46,604	207	441,842	1	138,899	8	29,836	676	2,363,910	6,475	9,664,781

S.I.T.C. — Standard International Trade Classification.

0 — Menandakan Kurang daripada 1 ton
(indicate less than 1 Ton)

Jadual (Table)
4.2 c

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(IMPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Prepared or Preserved (In Airtight Containers) (Kuantiti dlm. Long Ton — Qty. in Long tons)

Countries S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U. Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
032-011	5	17,830	—	—	12	30,626	4,875	11,051,319	16	27,068	—	—	—	—	—	—	290	6,057	489	827,471	5,687	11,960,371
032-012	0	326	—	—	—	—	0	108	10	34,145	—	—	8	16,424	—	—	4	16,020	2	26,253	24	93,276
032-013	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	41	—	—	0	41
032-014	0	2,410	—	—	—	—	7	28,800	—	—	—	—	—	—	2	15,398	0	10,464	9	51,222	18	108,294
032-019-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9	24,343	9	24,343
032-017	60	281,560	—	—	—	—	—	—	—	—	—	—	—	—	1	7,437	0	2,926	6	19,871	67	311,794
032-019-2	2	5,611	—	—	0	1,878	5,278	11,261,097	15	21,842	—	—	0	542	—	—	0	49	—	—	5,295	11,291,019
032-019-3	1	2,000	—	—	10	29,305	278	616,580	85	445,248	—	—	1	3,910	0	3,888	2	9,116	858	35,099	1,235	1,145,146
032-021	—	—	—	—	1	360	1	18,720	—	—	4	12,058	—	—	207	187,588	0	150	115	1,357,314	328	1,576,190
032-022	4	593	6	7,000	0	360	0	55	—	—	0	30	—	—	0	3,000	—	—	0	111	10	11,149
032-023	—	—	—	—	0	1,212	0	—	—	—	0	36	—	—	—	—	—	—	—	—	0	1,248
032-024	2	3,745	—	—	—	—	642	98,399	21	18,695	—	—	—	—	—	—	—	—	—	—	665	120,839
032-029	0	135	—	—	29	17,876	3	32,420	14	76,198	3	6,011	3	13,449	—	—	—	—	9	41,602	61	187,691
Jumlah (Total)	74	314,210	6	7,000	52	81,617	11,084	23,107,498	161	623,196	7	18,135	12	34,325	210	217,311	296	44,823	1,497	2,383,286	13,399	26,831,401

S.I.T.C. — Standard International Trade Classification

0 — Menandakan kurang daripada 1 ton
(indicate less than 1 ton)

Jadual (Table)
4.2 d

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(IMPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Prepared or Preserved in Other than Airtight Containers (Kuantiti dlm. Long ton – Qty. in Long tons)

S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U. Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
032 – 016	0	4,741	0	72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	4,813
032 – 015	2	1,661	0	389	4	7,489	10	14,657	—	—	—	—	0	304	3	20,417	0	1,240	0	200	19	46,357
032 – 010	4	3,156	—	—	—	—	1	1,867	—	—	—	—	—	—	—	—	—	—	0	1,822	5	6,845
032 – 018	15	11,250	1	2,400	6	4,953	7	17,605	0	561	—	—	2	3,728	0	5,759	36	164,757	37	153,017	104	364,030
032 – 028	163	548,273	1	947	345	499,843	0	2,972	16	32,745	9	12,893	0	656	—	—	—	34	3	102,509	537	1,200,872
Jumlah (Total)	184	569,081	2	3,808	355	512,285	18	37,101	16	33,306	9	12,893	2	4,688	3	26,176	36	166,031	40	257,548	665	1,622,917

S.I.T.C. – Standard International Trade Classification

0 – Menandakan kurang daripada 1 ton
(indicate less than 1 Ton)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(IMPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

Jadual (Table)
4.2 e

DESCRIPTION OF COMMODITY : Miscellaneous (Kuantiti dlm. Long ton – Qty. in Long Tons)

S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U. Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
031-110	*161,687	21,298	*3,120	2,370	*6	248	—	—	—	—	*78,935	53,214	*75,423	64,980	—	—	—	—	*140	3,623	*319,311	145,733
031-120	*1,427,484	53,961	*9,804	476	*296,891	14,034	*3,205	7,449	—	—	*50,000	9,877	*1,250,472	79,394	—	—	—	—	—	—	*3,037,856	165,191
291-940	—	—	—	—	—	—	—	—	—	—	0	476	—	—	—	—	—	—	—	—	0	476
291-140	10	5,500	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	127	10	5,627	
291-150	0	57	—	—	2	330	—	—	—	—	100	22,619	—	—	0	17	—	—	2	3,619	104	26,642
291-991	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*15,900	425	—	—	*15,900	425
291-998	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
411-100	0	680	—	—	—	—	18	33,267	—	—	—	—	—	—	—	—	1	2,328	73	143,806	92	180,081
099-052	—	—	—	—	—	—	4	28,046	0	930	—	—	1	4,446	—	—	0	941	1	3,890	6	38,253
081-402	260	197,267	—	—	15,507	7,167,734	13	9,235	438	397,444	—	—	—	—	2	664	1	820	779	585,567	17,000	8,358,731
081-401	0	261	52	7,800	58	5,745	—	—	—	—	—	—	—	—	—	—	—	—	—	110	13,806	
081-409	20	13,234	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1,566	22	14,800
271-101	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	1,753	—	—	—	—	0	1,753
099-045	3	1,697	6	2,068	2	546	—	—	—	—	—	—	—	—	—	—	1	520	0	40	12	4,871
Jumlah (Total)	293	293,955	58	12,714	15,569	7,188,637	35	77,997	438	398,374	100	86,186	1	148,820	2	2,434	3	5,034	857	742,238	17,356	8,956,389

S.I.T.C. – Standard International Trade Classification

*-Kuantiti dlm. bilangan
(Quantity in number)

0 – Menandakan kurang daripada 1 ton
(indicates less than 1 ton)

Jadual (Table)
4.3 a

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
EKSPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(EXPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Fresh, Chilled or Frozen (Kuantiti dim. Long ton - Qty. in Long tons)

Countries S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U. Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
031-131	12	55,550	—	—	—	—	991	3,265,443	—	—	—	—	—	—	1,605	3,950,706	—	—	0	65	2,608	7,271,764
031-132	0	75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	75	
031-139	21,657	22,550,305	0	302	0	168	111	297,288	—	—	5	2,800	20	11,271	0	1,650	—	—	0	3,083	21,793	22,866,867
031-180	70	75,387	—	—	50	19,244	7	17,572	—	—	—	—	35	17,041	8	2,500	—	—	—	—	170	131,744
031-301	3,489	6,221,408	2	1,500	—	—	—	—	—	—	—	—	0	1,050	—	—	—	—	21	19,768	3,512	6,243,726
031-302	6	7,235	—	—	30	47,250	1,545	23,197,492	—	—	—	—	65	389,382	467	3,875,325	4,926	22,538,889	4,443	30,965,234	11,482	81,020,807
031-303	225	219,628	—	—	—	—	16	100,911	—	—	—	—	—	—	4	36,364	—	—	64	391,548	309	748,451
031-305	85	92,720	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	85	92,720	
031-306	8,439	3,708,829	—	—	7,996	905,763	478	2,408,845	—	—	—	—	80	24,256	3	7,500	2	6,496	724	1,853,851	17,722	8,915,540
011-891	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jumlah (Total)	33,983	32,931,137	2	1,802	8,076	972,425	3,148	29,287,551	—	—	5	2,800	200	443,000	2,087	7,874,045	4,928	22,545,385	5,252	33,233,549	57,681	127,291,694

S.I.T.C. — Standard International Trade Classification

0 — Menandakan kurang daripada 1 ton
(indicates less than 1 ton)

Jadual (Table)
4.3 b

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)
EKSPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(EXPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Salted, in brine, dried, smoked or simply boiled. (Kuantiti dlm. Long tons — Qty. in Long tons)

Countries S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U. Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
031-201	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	5,920	7	5,920
031-202	3	17,960	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	21,640	11	39,600
031-205	0	450	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	450
031-206	21	192,585	—	—	—	—	48	509,659	—	—	—	—	0	2,700	—	—	—	—	0	3,743	69	708,687
031-203	3,259	4,115,586	80	36,149	37	11,917	68	380,021	—	—	—	—	69	160,889	15	108,381	—	—	419	1,008,581	3,947	5,821,524
031-204	41	55,673	—	—	34	9,920	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75	65,593
031-304	157	227,251	—	—	—	—	5	15,330	—	—	—	—	0	3,160	0	9,852	—	—	8	55,346	170	310,939
031-307	308	314,417	—	—	—	—	399	1,939,029	—	—	—	—	3	9,650	5	57,489	—	—	26	132,012	741	2,452,597
012-902	2	8,117	—	—	12	16,278	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	24,395
Jumlah (Total)	3,791	4,932,039	80	36,149	83	38,115	520	2,844,039	—	—	—	—	72	176,399	20	175,722	—	—	468	1,227,242	5,034	9,429,705

S.I.T.C. — Standard International Trade Classification

0 — Menandakan kurang daripada 1 ton
(indicate less than 1 ton)

SEMANANGJUNG MALAYSIA (PENINSULAR MALAYSIA)
EKSPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(EXPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)

TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Prepared or Preserved (In Airtight Containers)

(Kuantiti dlm. Long tons — Qty. in Long tons)

Countries S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U.Kingdom		Others		Jumlah (Total)		
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	
032-011	356	597,229	71	68,457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235	501,312	662	1,166,998	
032-012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	7,342	10	7,342	
032-013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
032-014	8	38,440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	38,440	
032-019-1	3	5,170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5,170	
032-017	39	132,021	-	-	-	-	15	89,540	-	-	-	-	0	50	37	158,419	3	11,675	334	1,461,001	428	1,852,706	
032-019-2	551	1,045,047	91	105,560	8	2,000	-	-	-	-	-	-	-	-	-	-	-	-	1,158	1,917,093	1,808	3,069,700	
032-019-3	516	1,036,752	0	180	-	-	-	-	-	-	-	-	18	36,454	-	-	191	9,262	1,268	3,109,818	1,993	4,192,466	
032-021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2,445	0	2,445	
032-022	258	707,435	-	-	-	-	-	-	-	-	-	-	9	8,228	4	36,146	12	78,491	683	2,601,102	966	3,431,402	
032-023	94	183,572	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	233,226	115	416,798	
032-024	237	576,242	-	-	-	-	-	-	-	-	-	-	4	10,825	-	-	4	14,437	968	2,199,286	1,213	2,800,790	
032-029	114	288,407	-	-	-	-	-	-	-	-	-	7	12,372	-	-	-	-	0	565	303	817,216	424	1,118,560
Jumlah (Total)	2,176	4,610,315	162	174,197	8	2,000	15	89,540	-	-	7	12,372	31	55,557	41	194,565	210	114,430	4,980	12,849,841	7,630	18,102,817	

S.I.T.C. — Standard International Trade Classification

0 —Menandakan kurang daripada 1 ton
(indicates less than 1 ton)

Jadual (Table)
4.3 d

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
EKSPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(EXPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Prepared or Preserved (In other than Airtight Containers) (Kuantiti dlm. Long ton — Qty. in Long tons)

Countries S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U. Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
032-016	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
032-015	38	83,772	—	—	—	—	—	—	—	—	—	—	4	16,646	—	—	—	—	0	2,328	42	102,746
032-010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	630	0	630
032-018	248	393,687	0	40	—	—	—	—	—	—	—	—	—	—	—	—	0	1,520	101	273,798	349	669,045
032-028	142	232,916	—	—	—	—	4	11,635	—	—	—	—	—	—	0	2,960	—	—	53	10,204	199	257,715
Jumlah (Total)	428	710,375	0	40	—	—	4	11,635	—	—	—	—	4	16,646	0	2,960	0	1,520	154	286,960	590	1,030,136

S.I.T.C. — Standard International Trade Classification

0 — Menandakan kurang daripada 1 ton
(indicates less than 1 ton)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
EKSPOT IKAN, HASIL-HASIL PERIKANAN, KRUSTASIA DAN MOLUSK
(EXPORT OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS)
TAHUN (YEAR) : 1977

DESCRIPTION OF COMMODITY : Miscellaneous (Kuantiti dlm. Long ton — Qty. in Long tons)

Countries S.I.T.C.	Singapore		Indonesia		Thailand		Japan		China		Formosa		Hong Kong		U.S.A.		U. Kingdom		Others		Jumlah (Total)	
	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)	Qty. (Ton)	Value (M\$)
031-110	*4,442	7,017	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*9,640	7,575	*14,082	14,592
031-120	*4,591,810	243,134	*67,600	4,352	*7,600	460	—	—	—	—	—	—	*11,080	1,408	*60,950	9,100	*32,383	6,234	*16,075	2,484	*4,787,498	267,172
291-940	—	—	—	—	—	—	—	—	—	—	0	180	—	—	—	—	—	—	—	—	0	180
291-140	11	1,638	—	—	—	—	—	—	—	—	—	—	3	12,854	—	—	—	—	—	—	14	14,492
291-150	23,929	312,783	—	—	—	—	2	10,914	—	—	—	—	4	18,177	—	—	—	—	5	8,604	23,940	350,478
291-991	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
291-998	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
411-100	12	10,772	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	10,772
099-052	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	350	0	350
081-402	3,612	1,058,794	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3,612	1,058,794
081-401	1,361	240,019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,361	240,019
081-409	153	51,387	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	153	51,387
271-101	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	2,705	10	2,705
099-045	765	465,997	6	3,276	5,215	1,055,052	—	—	—	—	—	—	20	30,603	—	—	—	—	288	277,397	6,294	1,832,322
Jumlah (Total)	29,843	2,391,538	6	7,628	5,215	1,055,512	2	10,914	—	—	0	180	27	63,042	—	9,100	—	6,234	303	299,115	35,396	3,843,263

S.I.T.C. — Standard International Trade Classification

* Kuantiti dlm. Nombor
(Quantity in Number)

0 — Menandakan kurang daripada 1 ton
(indicates less than 1 ton)

Jadual (Table)
4.4 a

Impot dan Ekspot Ikan, Hasil-Hasil Perikanan, Krustasia dan Molusk — 1970
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs — 1970)

Negeri (Country)	Impot (Import)		Ekspot (Export)	
	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)
Singapore	2,239.64	1,508,388	64,201.54	27,728,911
Indonesia	8,625.32	5,229,294	79.65	95,803
Thailand	22,101.37	9,568,744	7,959.31	1,832,994
Japan	7,102.88	9,852,497	13,766.55	24,049,126
Formosa	19,511.80	21,786,177	46.41	7,126
Hong Kong	328.46	363,985	649.47	1,716,450
U.S.A.	130.20	500,166	8,685.70	15,094,790
U. Kingdom	407.95	408,099	1,512.44	8,113,520
Other Countries	10,945.51	8,863,770	12,248.63	17,417,138
JUMLAH (TOTAL) :	@@71,393.13	58,081,120	@@109,149.70	96,055,858

@@ Excluding Fish Fry, Fish for Aquaria and Turtle Eggs.

Jadual (Table)

4.4 b
Impot dan Ekspot Ikan, Hasil-Hasil Perikanan, Krustasia dan Molusk — 1971
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs — 1971)

Negeri (Country)	Impot (Import)		Ekspot (Export)	
	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)
Singapore	2,109.46	1,314,254	67,301.70	31,007,803
Indonesia	3,969.46	2,040,099	70.20	50,428
Thailand	22,885.78	10,266,500	9,210.21	1,717,327
Japan	10,277.06	12,272,943	16,514.30	43,971,235
Formosa	13,723.72	18,875,601	20.01	16,963
Hong Kong	113.64	267,644	838.59	2,515,976
U.S.A.	64.54	116,147	3,524.14	7,111,200
United Kingdom	104.10	240,147	2,060.08	11,511,865
Other Countries	6,006.94	7,005,430	9,682.49	20,722,073
JUMLAH (TOTAL):	**59,254.70	52,398,765	**109,221.72	118,624,870

** Excluding Fish Fry, Fish for Aquaria and Turtle Eggs.

Jadual (Table)

4.4 c

Impot dan Ekspot, Hasil-Hasil Perikanan, Krustasia dan Mulusk — 1972
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs — 1972)

Negeri (Country)	Impot (Import)		Ekspot (Export)	
	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)
Singapore	3,083.56	1,881,580	68,696.04	30,954,812
Indonesia	2,875.84	1,319,992	54.25	58,146
Thailand	31,959.41	11,904,767	9,654.96	1,550,615
Japan	9,788.30	12,857,002	10,524.54	41,536,286
China	2,718.77	1,831,109	—	—
Formosa	9,390.95	12,905,055	200.26	291,879
Hong Kong	315.53	324,160	1,454.12	3,726,117
U.S.A.	12.64	53,776	9,129.14	17,909,480
United Kingdom	73.06	280,974	3,603.15	20,101,678
Others Countries	7,366.18	6,332,438	12,767.48	26,453,780
JUMLAH (TOTAL)	**67,584.24	49,690,853	**116,083.94	142,582,793

** Excluding Fish, Fry, Fish for Aquaria and Turtle Eggs.

Jadual (Table)

4.4 d

Impot dan Ekspot Ikan, Hasil-Hasil Perikanan, Krustasia dan Mulusk — 1973
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs — 1973)

Negeri (Country)				
	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)
Singapore	2,756	2,305,483	76,420	36,259,704
Indonesia	3,804	1,733,806	110	53,416
Thailand	33,128	12,797,452	10,757	1,584,317
Japan	10,113	13,701,792	10,003	55,031,977
China	6,165	1,802,308	—	—
Formosa	10,122	14,880,861	232	202,223
Hong Kong	186	365,628	1,634	3,193,268
U.S.A.	14	81,423	7,137	15,468,922
United Kingdom	60	209,994	5,626	30,004,809
Other Countries	6,344	7,611,542	13,435	34,290,723
JUMLAH (TOTAL):	**72,692	55,490,289	**125,354	176,089,359

** Excluding Fish Fry, Fish for Aquaria and Turtle Eggs.

Jadual (Table)
4.4 e

Impot dan Ekspot Ikan, Hasil-Hasil Perikanan, Krustasia dan Molusk — 1974
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs — 1974)

Negeri (Country)	Impot (Import)		Ekspot (Export)	
	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)
Singapore	1,973	2,497,109	56,376	38,453,706
Indonesia	3,040	2,786,002	330	111,411
Thailand	45,232	22,940,756	16,344	2,147,180
Japan	8,080	14,172,165	6,922	29,680,467
China	1,082	1,600,102	—	—
Formosa	10,424	14,123,894	231	348,350
Hong Kong	160	346,545	784	1,306,734
U.S.A.	81	339,844	8,041	17,785,486
United Kingdom	94	450,562	4,292	22,765,900
Other Countries	4,999	8,372,587	13,856	46,574,697
JUMLAH (TOTAL):	**75,165	67,629,566	**107,176	159,173,931

** Excluding Fish Fry, Fish for Aquaria and Turtle Eggs.

Jadual (Table)
4.4 f

Impot and Ekspot Ikan, Hasil-Hasil Perikanan, Krustasia dan Molusk — 1975
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs — 1975)
(Kuantiti dlm. Long Tons — Qty. in Long Tons)

Negeri (Country)	Impot (Import)		Ekspot (Export)	
	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)
Singapore	1,468	2,045,389	54,508	40,177,704
Indonesia	2,276	2,665,312	137	109,134
Thailand	62,781	34,319,628	9,337	1,337,051
Japan	10,931	19,516,595	8,223	40,682,331
China	1,312	2,138,202	—	—
Formosa	4,982	7,495,684	198	284,082
Hong Kong	123	354,450	498	1,000,730
U.S.A.	35	256,022	3,875	6,709,354
United Kingdom	31	210,789	5,073	30,023,992
Other Countries	9,438	9,598,584	11,177	45,951,975
JUMLAH (TOTAL):	**93,377	78,600,655	**93,026	166,276,353

** Excluding Fish Fry, Fish for Aquaria and Turtle Eggs.

Jadual (Table)
4.4 g

Impot dan Ekspot Ikan Hasil-Hasil Perikanan, Krustasia dan Molusk — 1976
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs — 1976)

Negeri (Country)	Impot (Import)		Ekspot (Export)	
	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)
Singapore	2,489	2,277,215	48,307	36,097,298
Indonesia	1,820	3,095,925	212	178,704
Thailand	85,246	45,911,929	16,183	2,005,216
Japan	14,604	19,959,538	10,288	75,899,333
China	2,261	2,168,253	—	—
Formosa	1,748	3,227,104	47	53,707
Hong Kong	201	952,546	2,562	1,501,248
U.S.A.	63	274,639	7,016	15,364,733
United Kingdom	70	346,770	4,457	28,979,314
Other Countries	5,558	9,291,425	18,260	77,986,755
JUMLAH (TOTAL):	**114,060	87,505,344	**107,332	238,066,308

** Excluding Fish Fry, Fish for Aquaria and Turtle Eggs.

Jadual (Table)
4.4 h

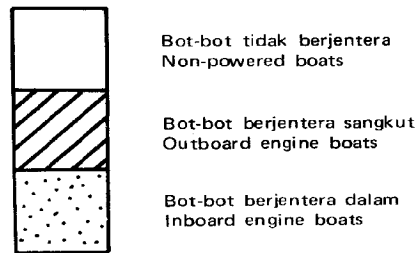
Impot dan Ekspot Ikan Hasil-Hasil Perikanan, Krustasia dan Molusk — 1977
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs — 1977)

Negeri (Country)	Impot (Import)		Ekspot (Export)	
	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)	Kuantiti (Ton) Quantity (Ton)	Nilai Value (M\$)
Singapore	3,316.26	3,739,239	70,219.47	45,575,404
Indonesia	1,679.47	3,027,565	250.50	219,816
Thailand	91,583.71	49,909,081	13,381.60	2,068,052
Japan	12,620.55	26,133,920	3,687.84	32,243,679
China	646.99	1,199,723	—	—
Formosa	1,618.10	2,438,702	13.40	15,352
Hong Kong	229.64	644,132	333.75	754,644
U.S.A.	223.63	461,817	2,150.15	8,256,392
United Kingdom	349.21	294,600	5,138.39	22,667,569
Other Countries	4,500.05	7,388,809	11,155.91	47,896,707
JUMLAH (TOTAL):	**116,767.61	95,237,588	**106,331.01	159,697,615

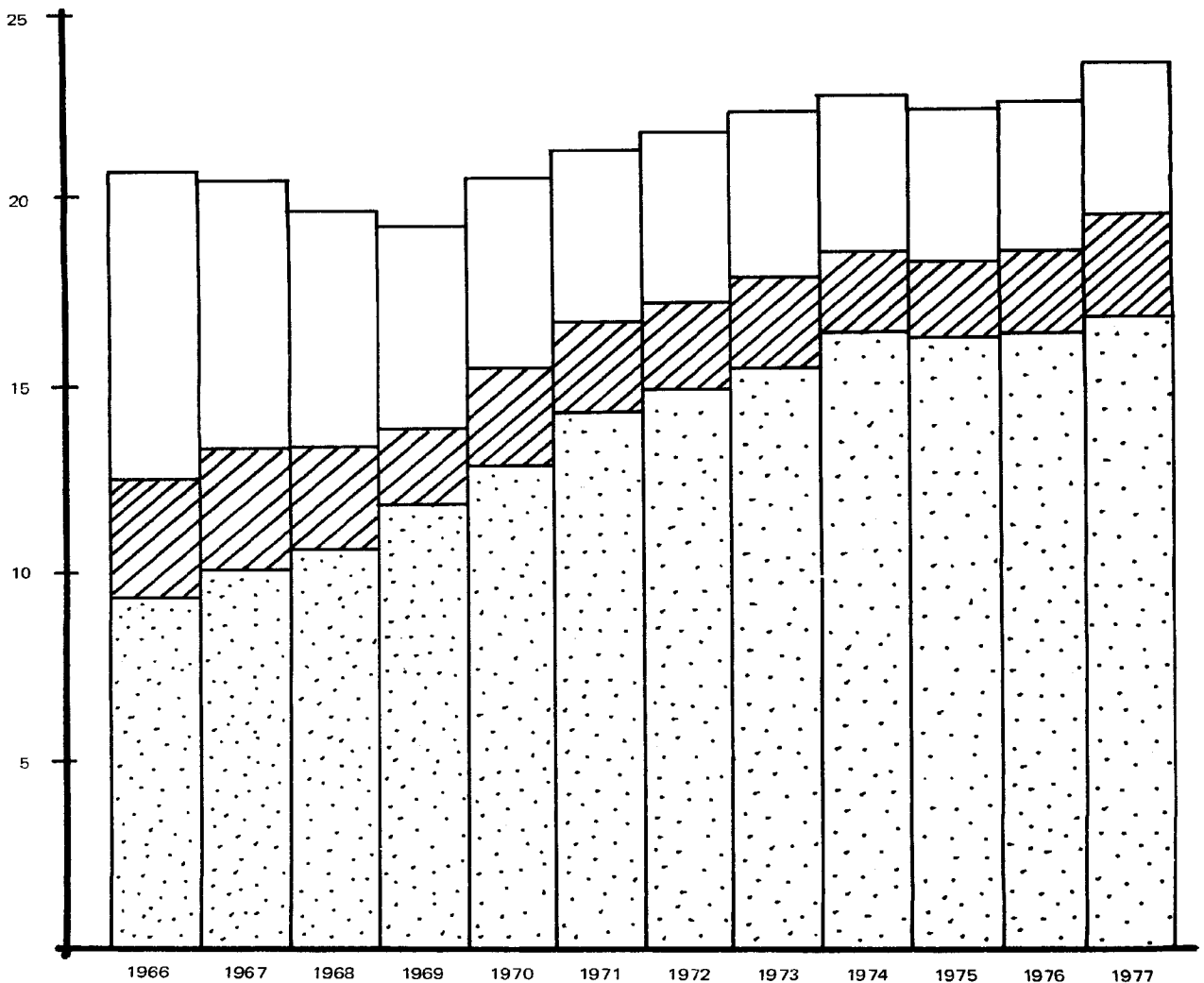
** Excluding Fish Fry, Fish for Aquaria and Turtle Eggs.

**BILANGAN BOT-BOT BERJENTERA DALAM, SANGKUT DAN TIDAK BERJENTERA YANG
DILESENKAN BAGI JANGKA MASA 1966 – 1977**

**Number of Inboard engine, Outboard engine and Non-powered Fishing boats
licensed in the period 1966 – 1977**

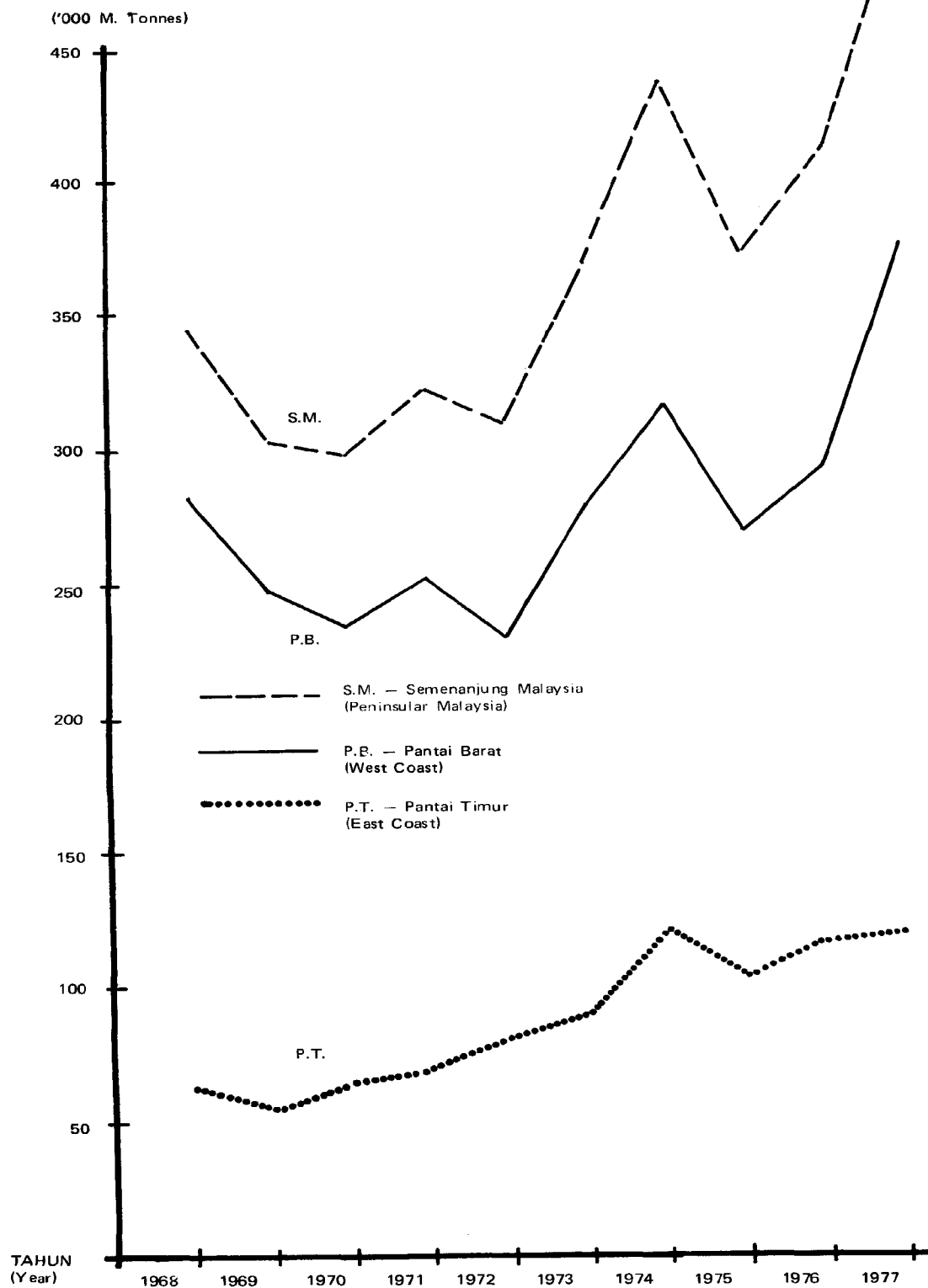


Bil. Bot '000
(No. of Boats '000)



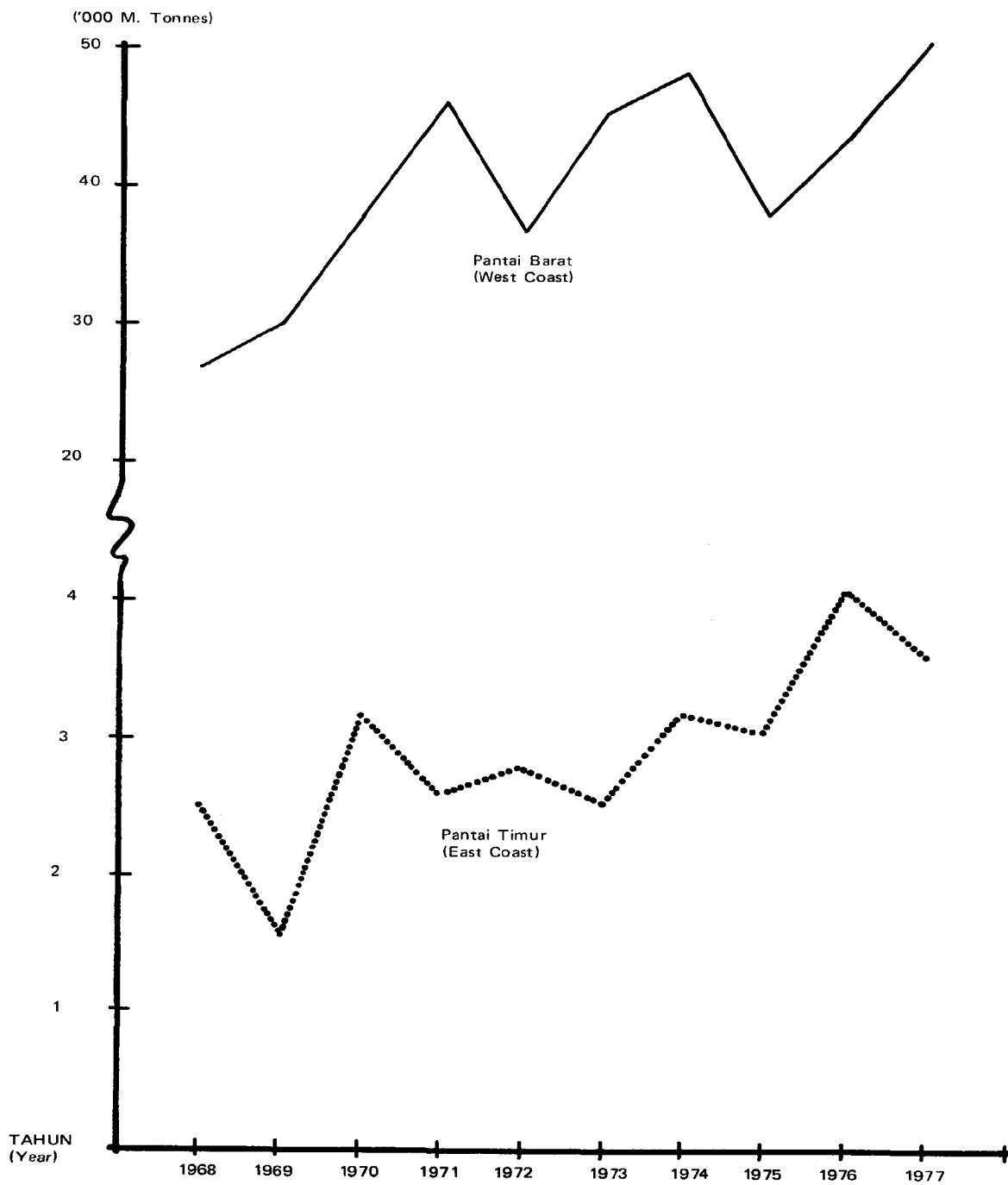
KUANTITI PENDARATAN IKAN LAUT DISEMENANJUNG MALAYSIA, 1968–1977
 (Quantity of Marine Fish Landed in Peninsular Malaysia, 1968–1977)

Peta (Chart)
 B



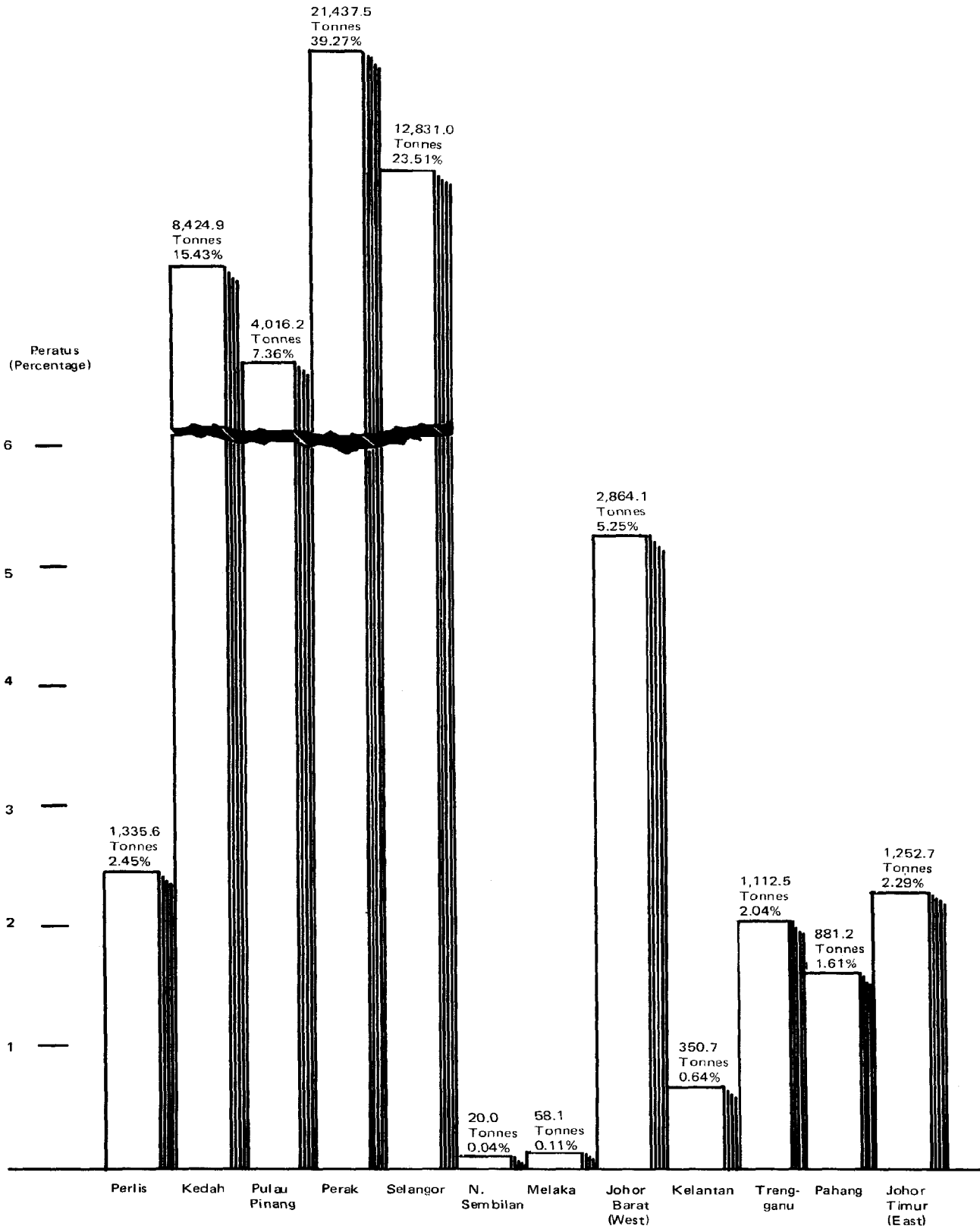
Peta (Chart)
C

PENDARATAN UDANG DISEMENANJUNG MALAYSIA, 1968—1977
(Prawn Landings in Peninsular Malaysia, 1968—1977)

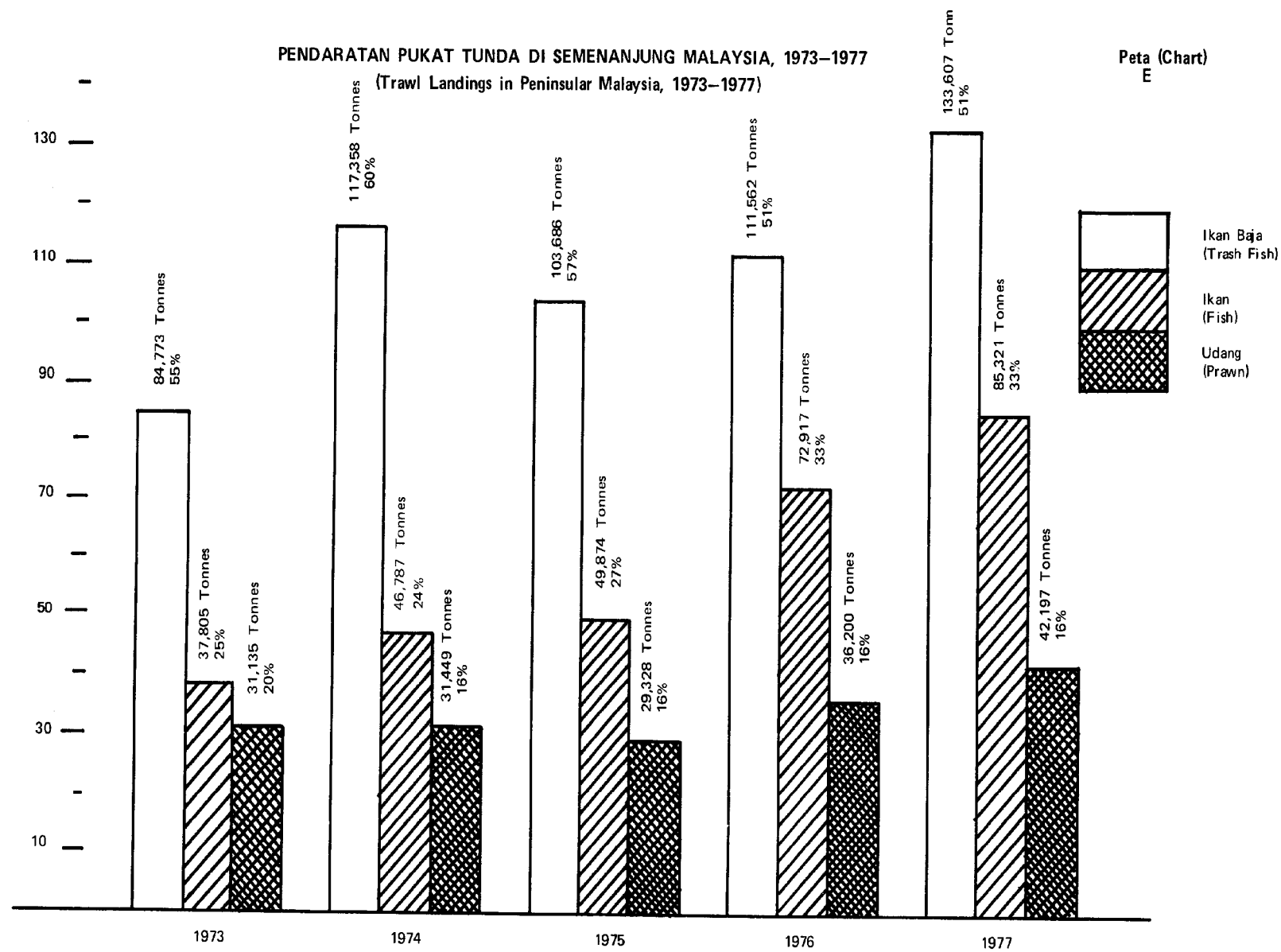


PENDARATAN UDANG, 1977
(Prawn Landings in 1977)

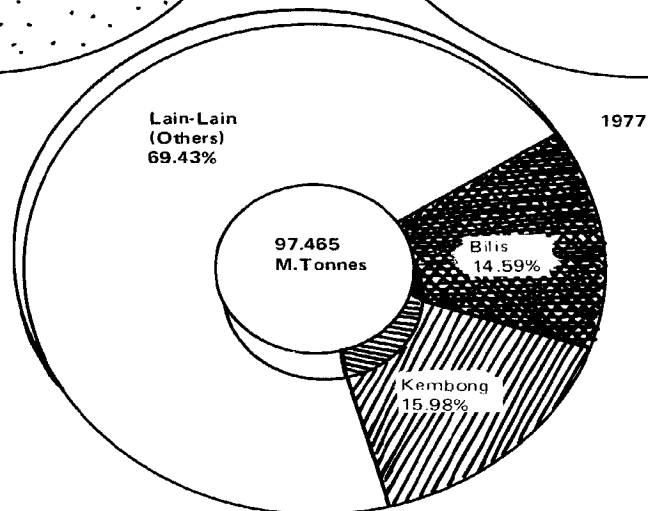
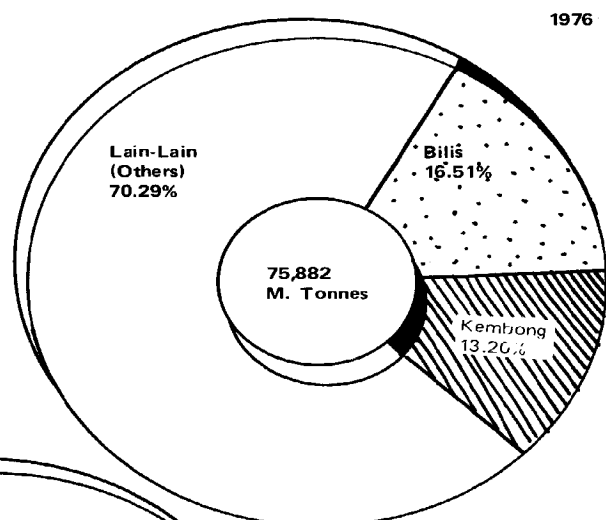
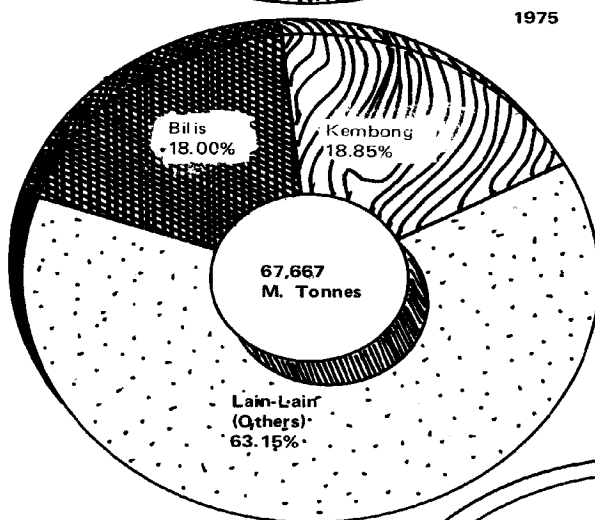
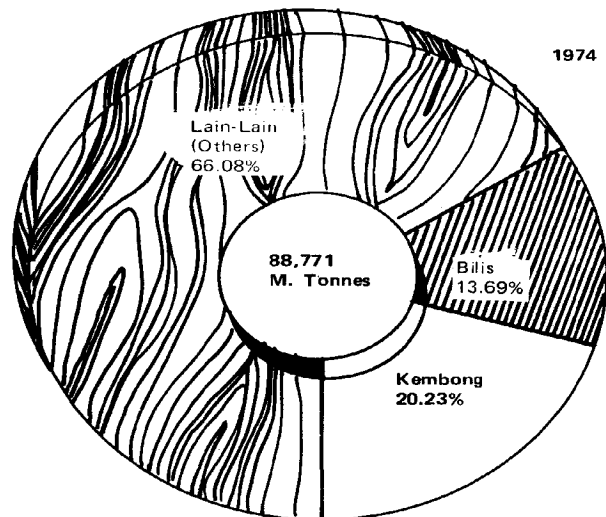
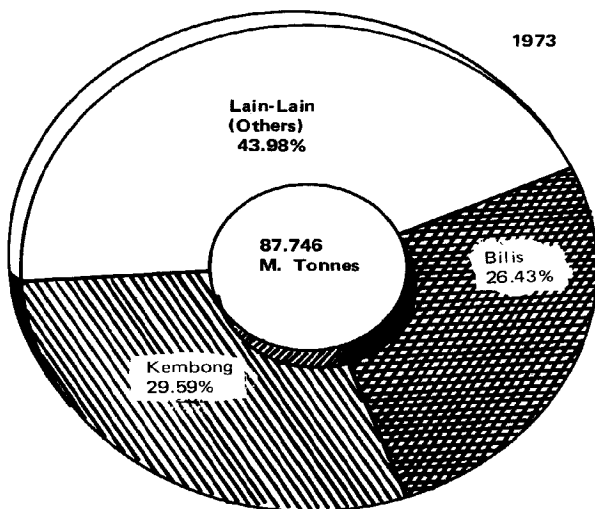
Peta (Chart)
D

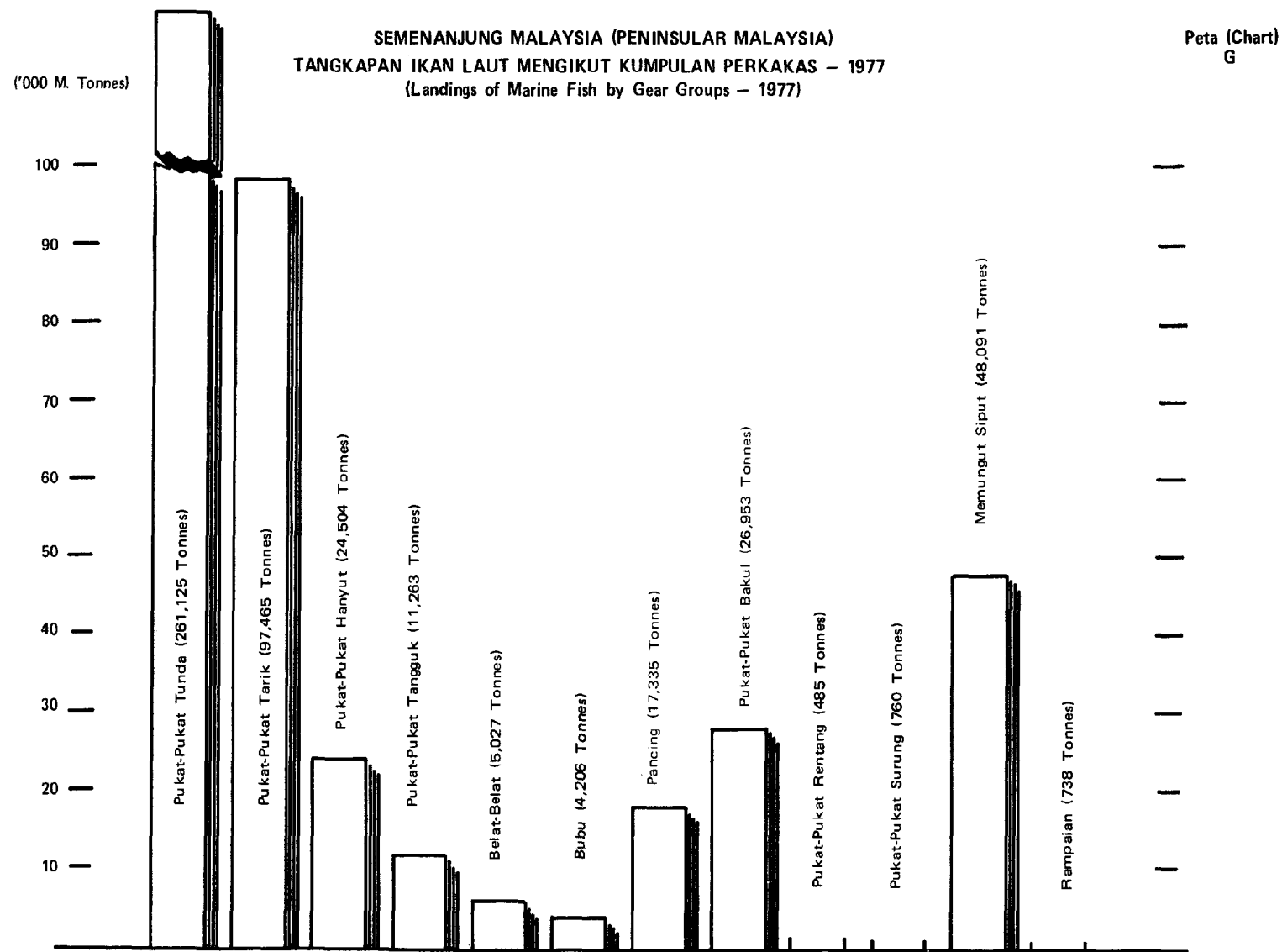


PENDARATAN PUKAT TUNDA DI SEMENANJUNG MALAYSIA, 1973-1977
(Trawl Landings in Peninsular Malaysia, 1973-1977)

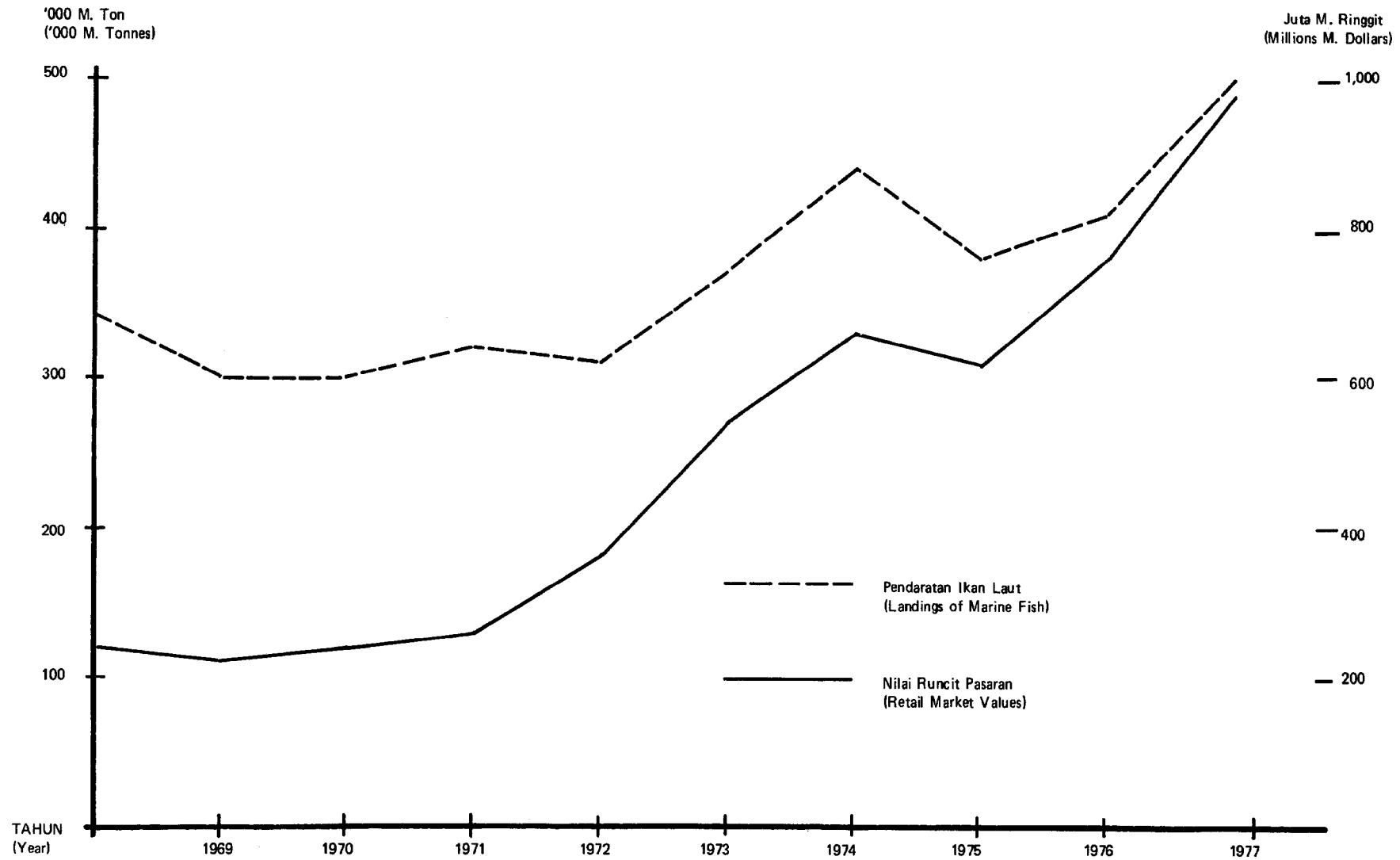


PENDARATAN OLEH KUMPULAN PUKAT TARIK, 1973 - 1977
(Landings by Seine Nets, 1973 - 1977)

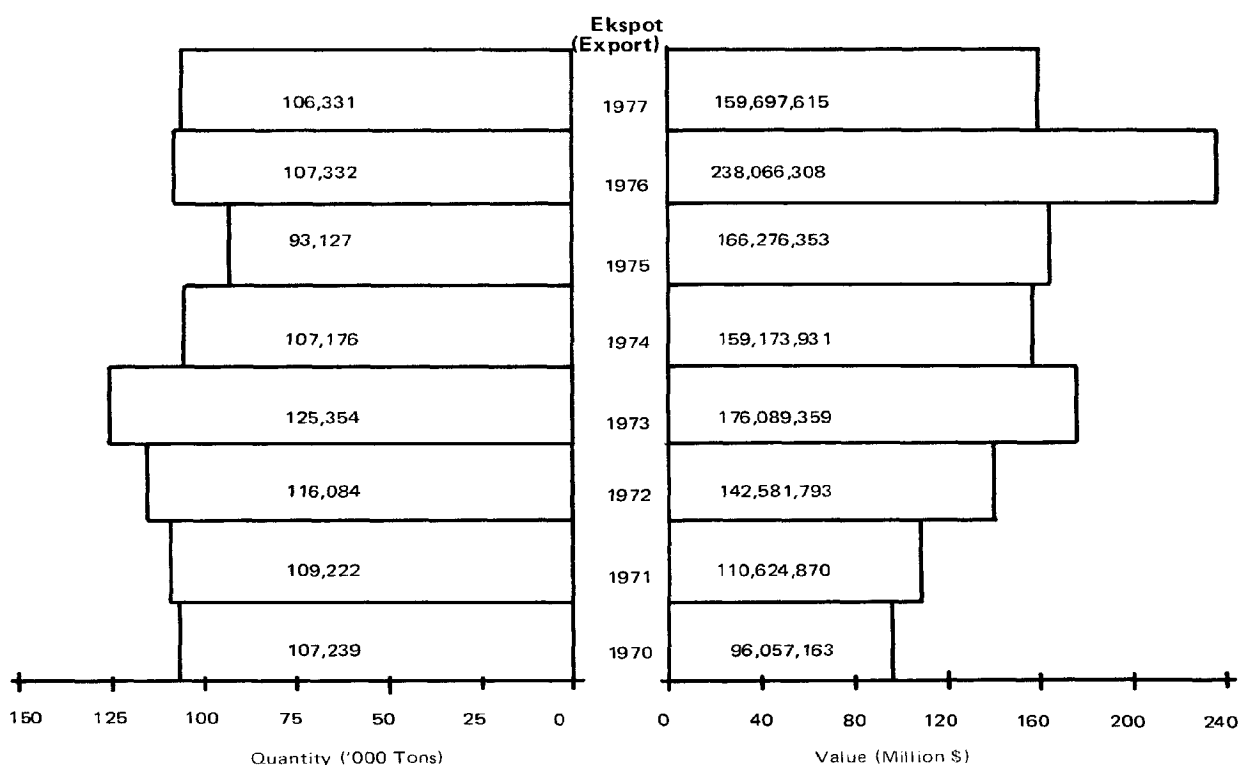
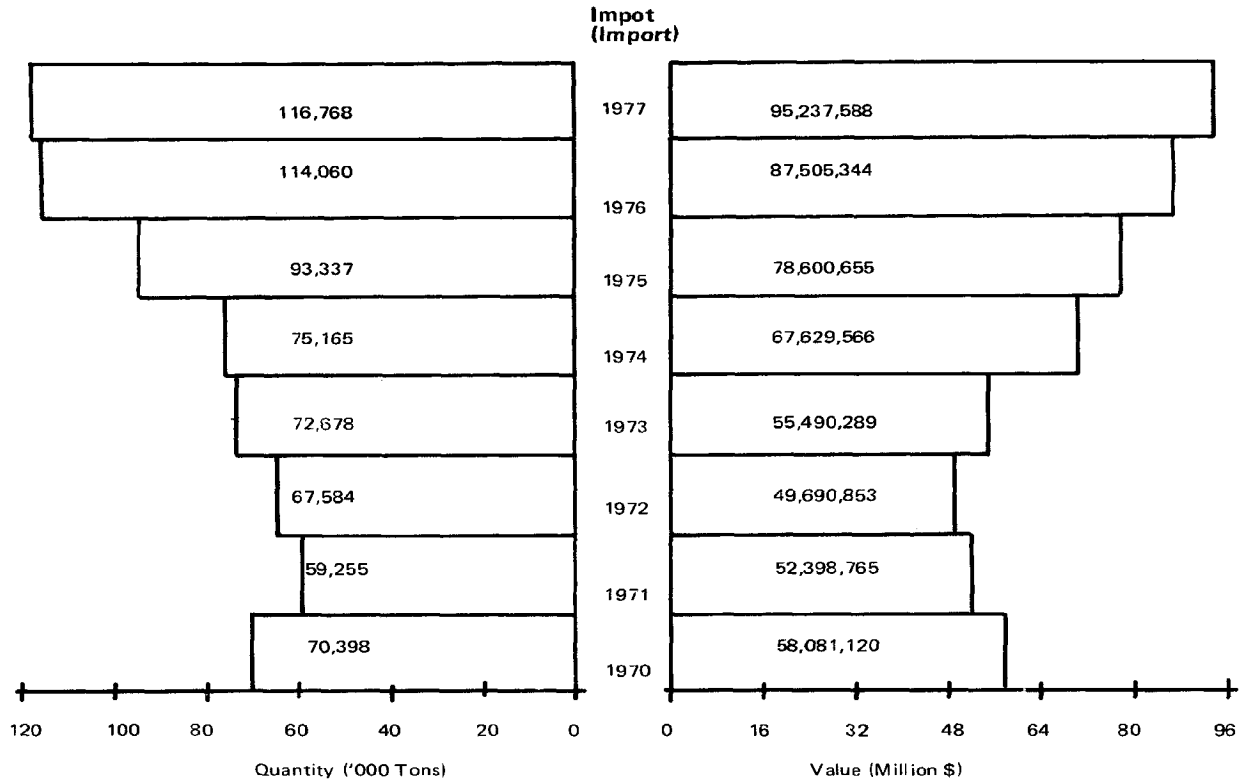




NILAI RUNCIT PASARAN DAN PENDARATAN IKAN LAUT BAGI TAHUN 1968-1977
(Retail Market Values and Landings of Marine Fish for the Years 1968-1977)

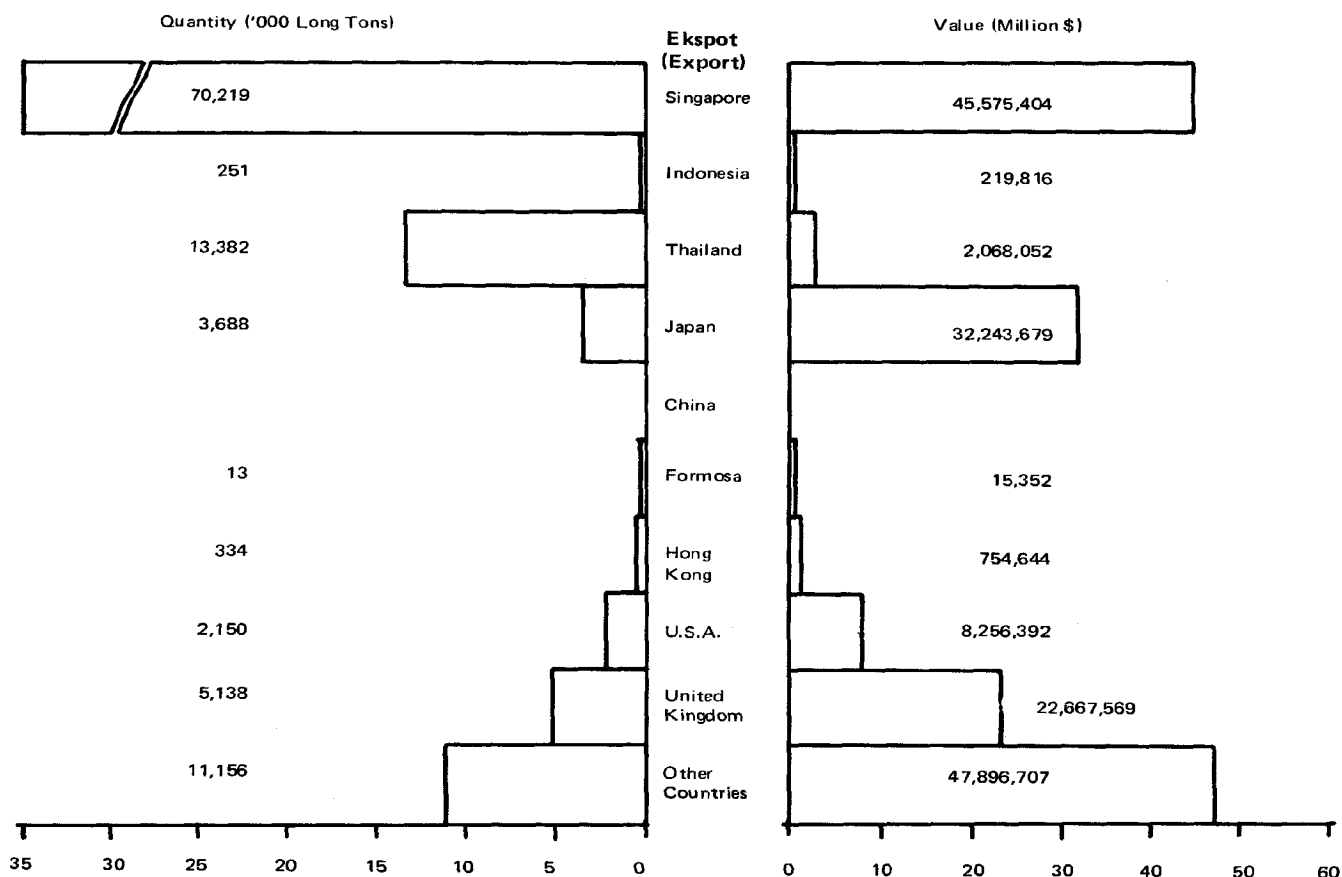
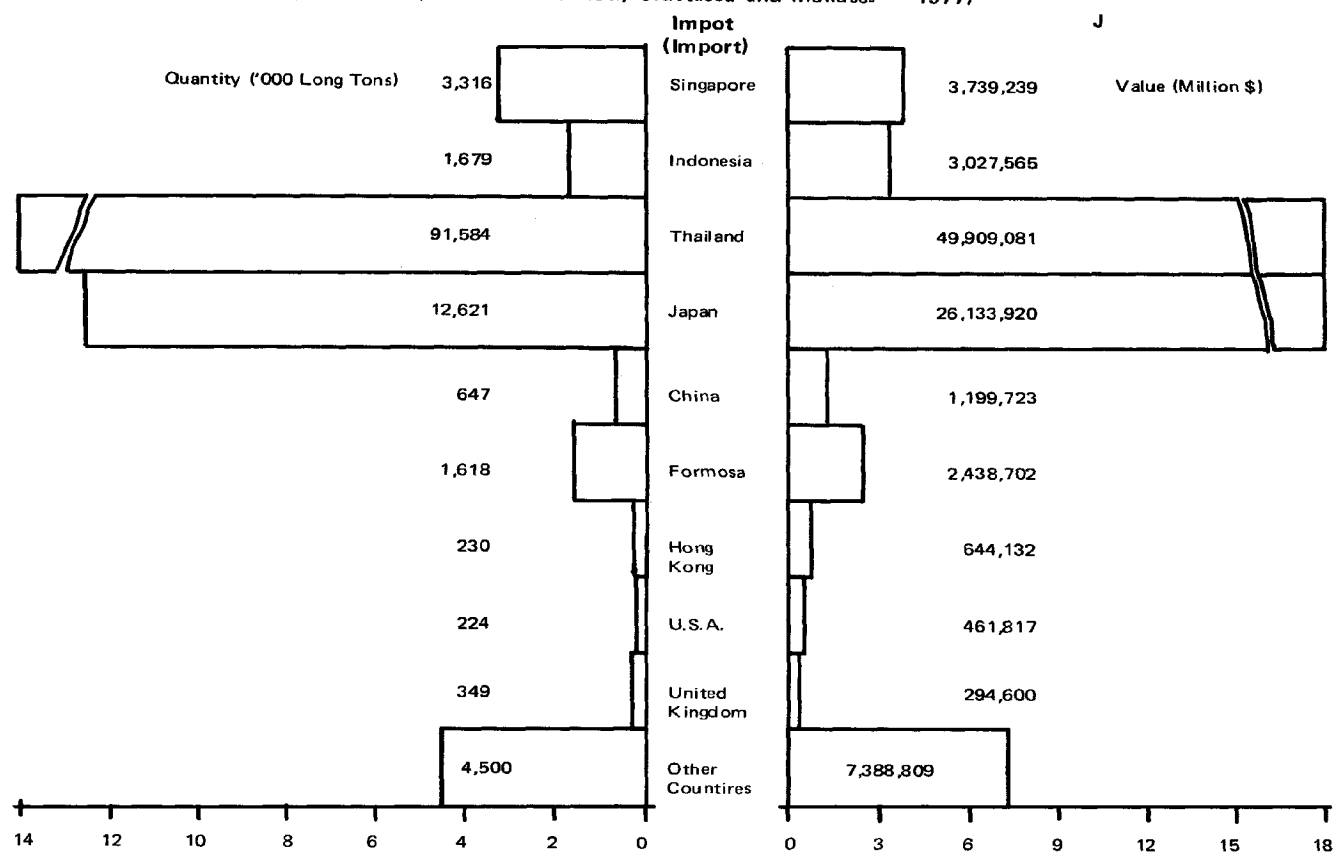


SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
Impot dan Ekspot Ikan, Hasil-Hasil Perikanan, Krustasia dan Mollusk
(Import and Export of Fish, Fisheries Products, Crustacea and Molluscs)



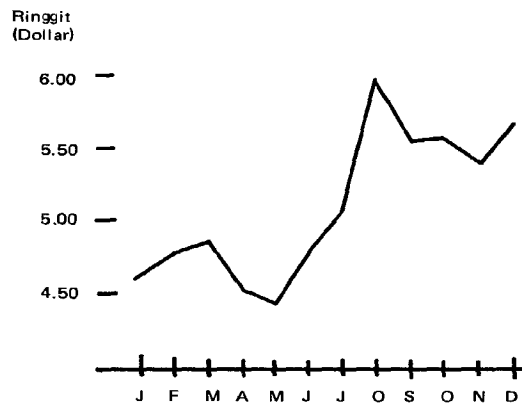
SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 Impot dan Ekspot Ikan, Hasil-Hasil Perikanan, Krustasia dan Mollusk - 1977
 (Import and Export of Fish, Fisheries Products, Crustacea and Molluscs - 1977)

Peta (Chart)

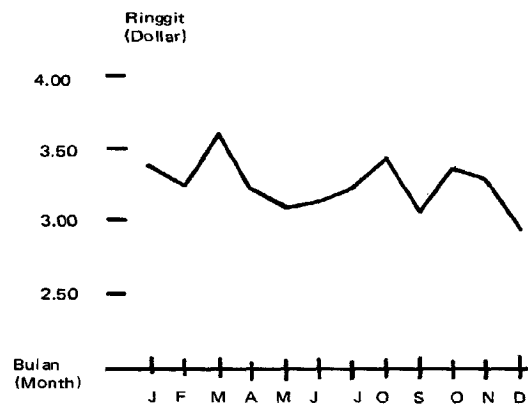


Peta (Chart)
K i

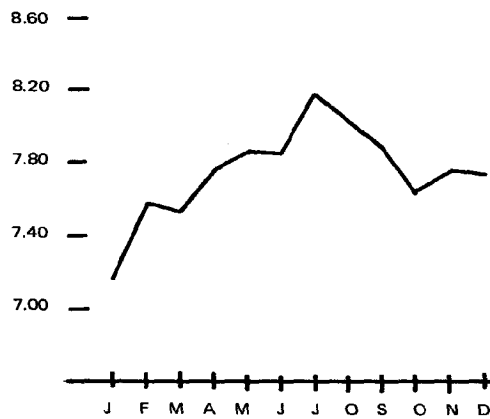
HARGA RUNCIT PURATA IKAN BAŞAH DI-PASAR BAGI TIAP-TIAP SEKATI, 1977
(Per Katty Average Retail Prices of Fresh Fish in 1977)



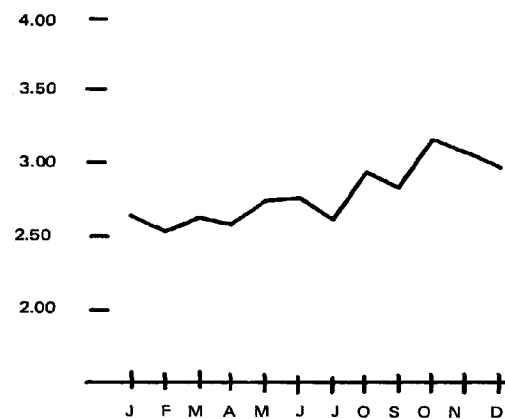
BAWAL PUTIH



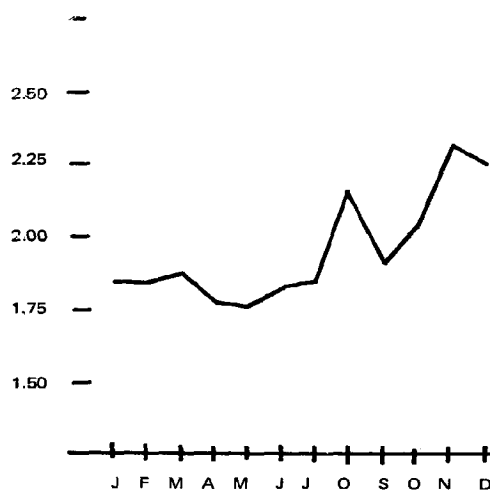
SENANGIN



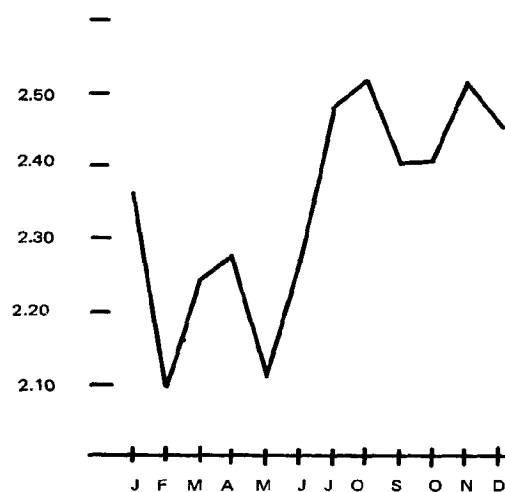
UDANG BESAR



BAWAL HITAM



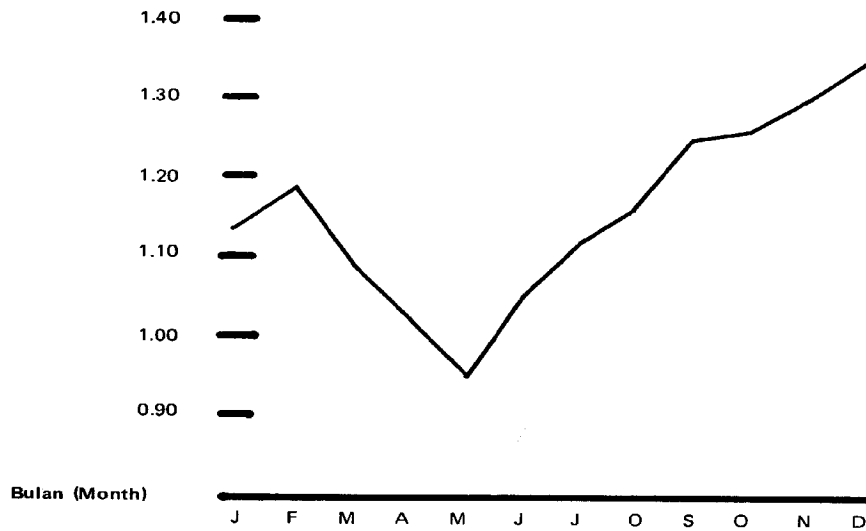
PARANG-PARANG/PACAL



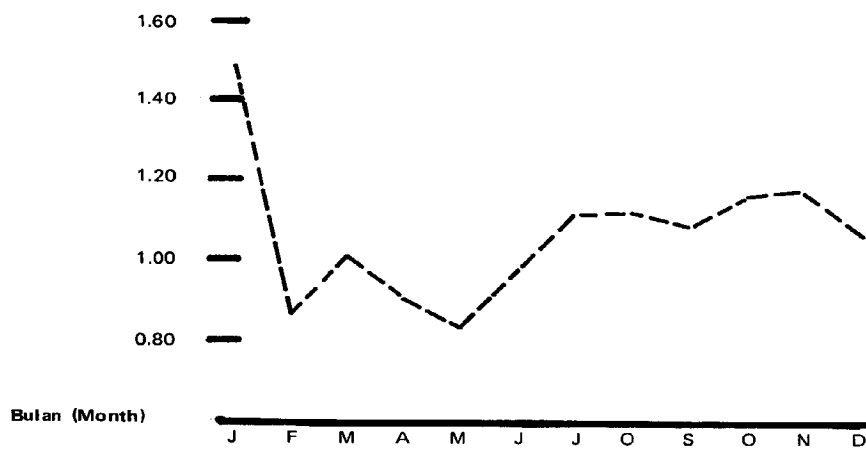
TENGGIRI

Peta (Chart)
K ii

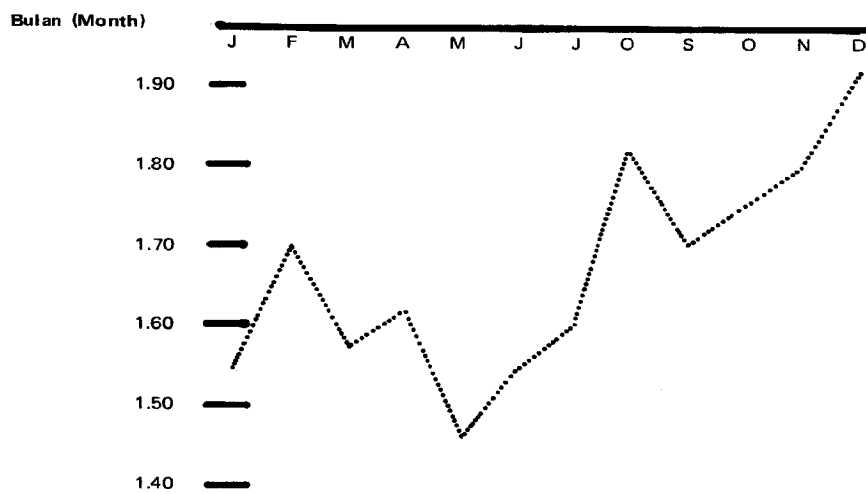
HARGA RUNCIT PURATA IKAN BASAH DI PASAR BAGI TIAP-TIAP SEKATI 1977
(Per katty Average Retail Prices of Fresh Fish in 1977)



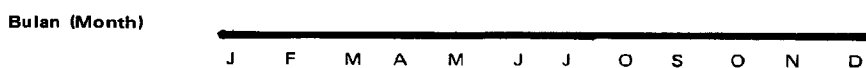
KEMBONG/TEMENONG



CINCARU

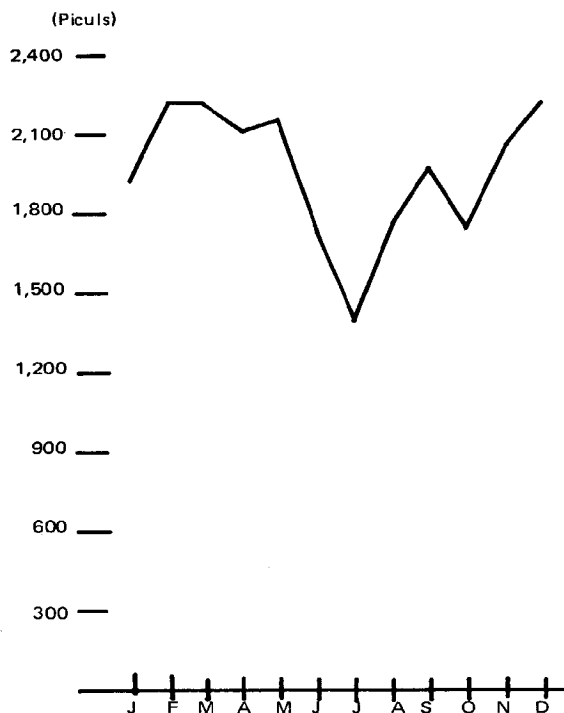


MERAH

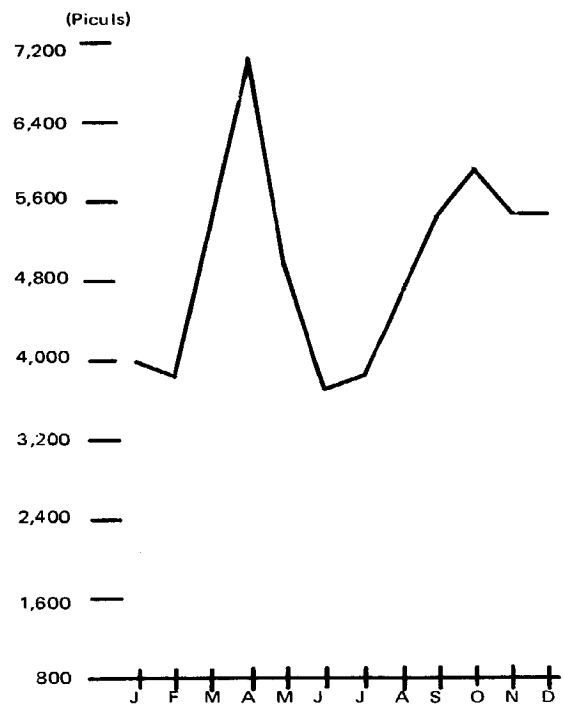


Peta (Chart)
L i

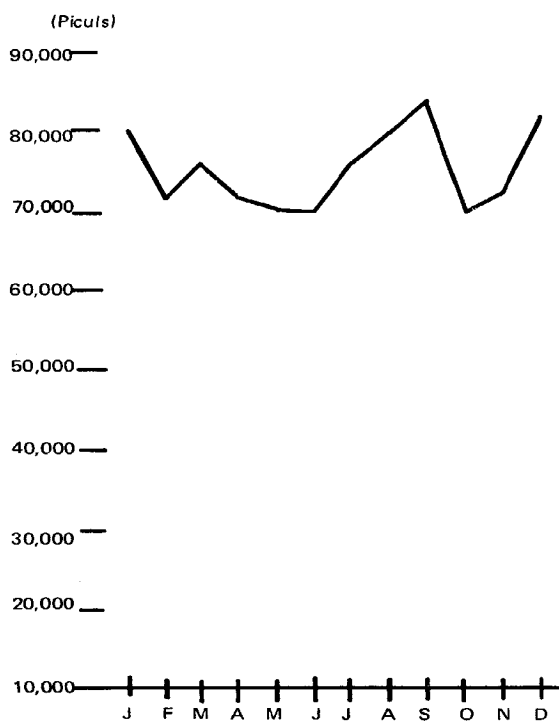
TANGKAPAN IKAN LAUT (DALAM PIKUL) MENGIKUT BULAN DAN JENIS IKAN – 1977
(Landings of Marine Fish by Month and Type of Fish – 1977)



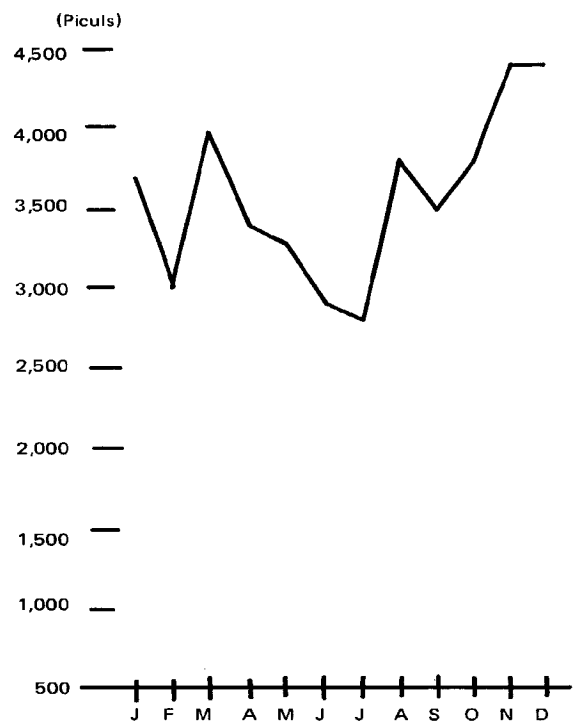
KURAU/SENANGIN/SENOHONG



BAWAL



UDANG

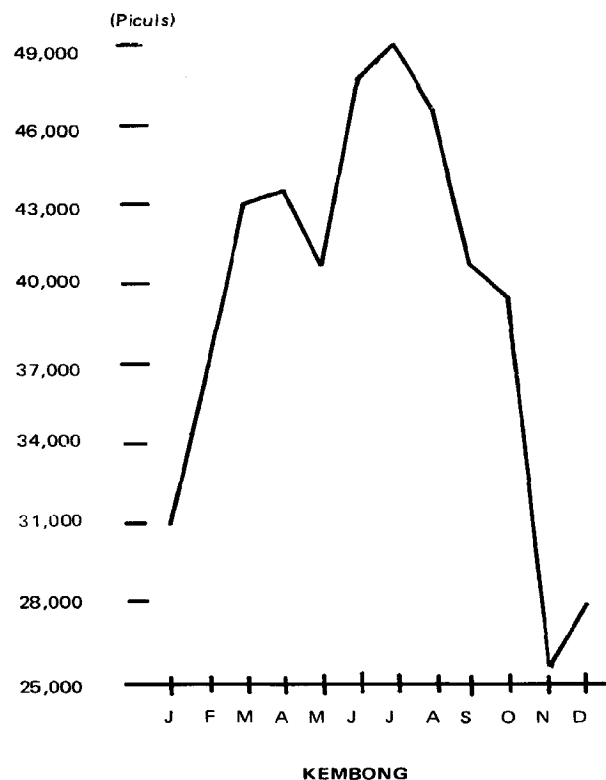
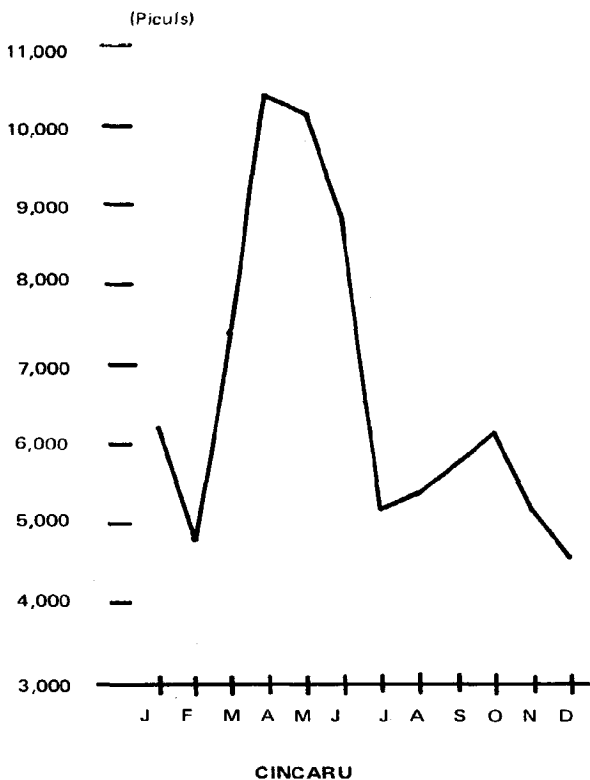
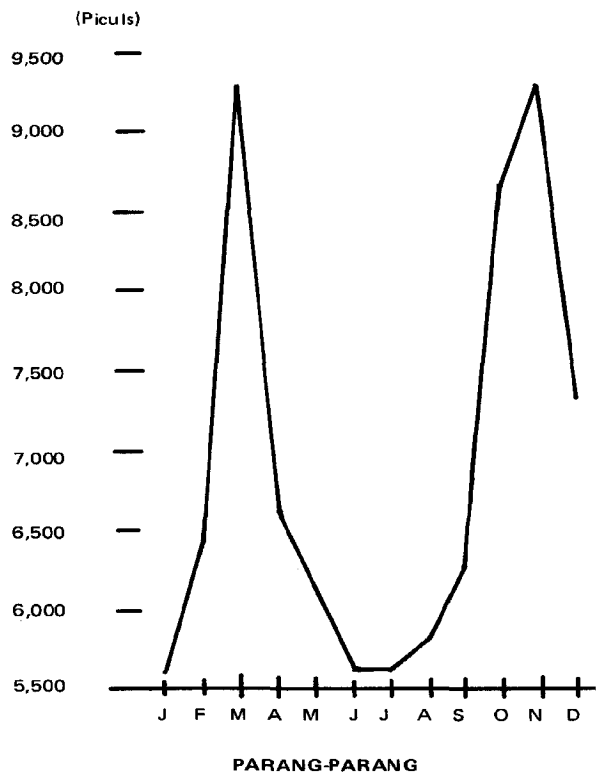
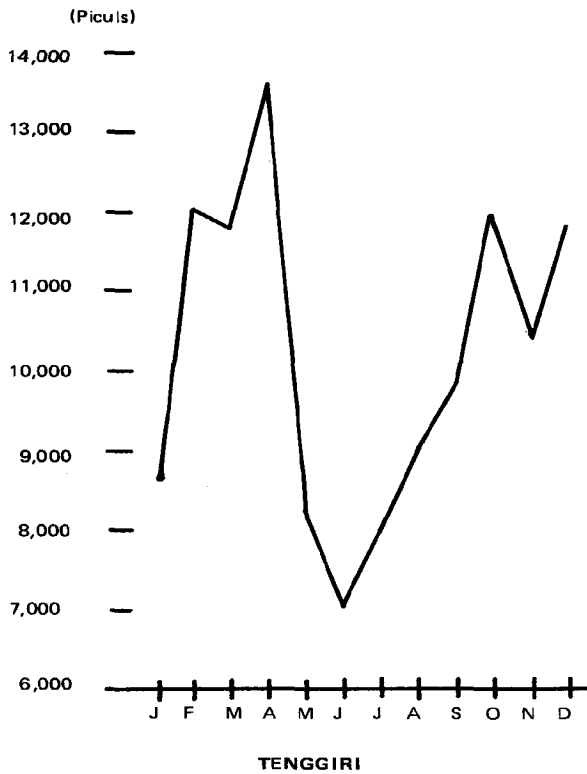


MERAH

Peta (Chart)

L ii

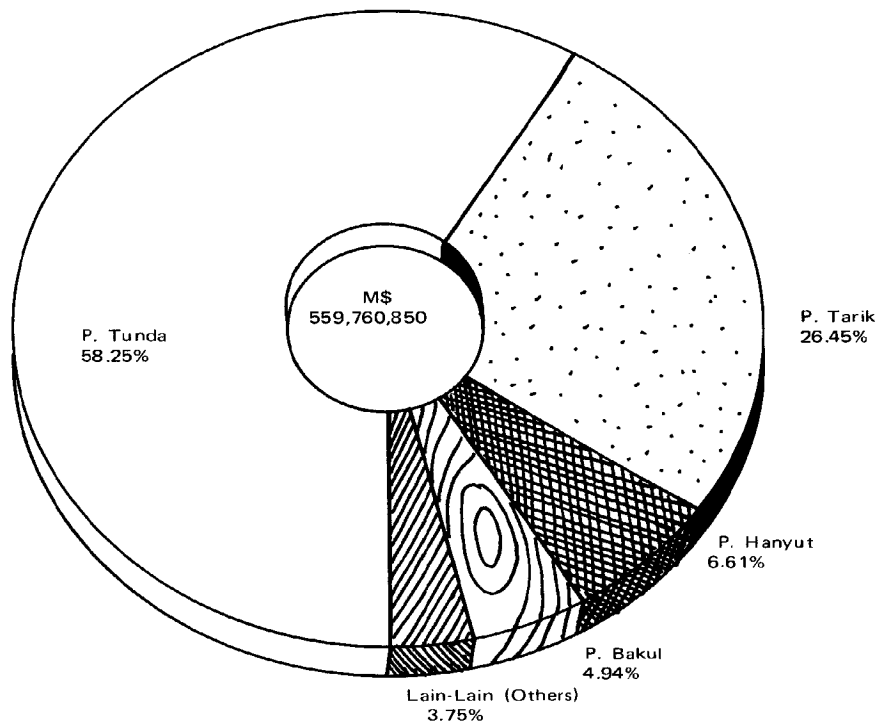
TANGKAPAN IKAN LAUT (DALAMPIKUL) MENGIKUT BULAN DAN JENIS IKAN, 1977
(Landings of Marine Fish by Month and Type of Fish, 1977)



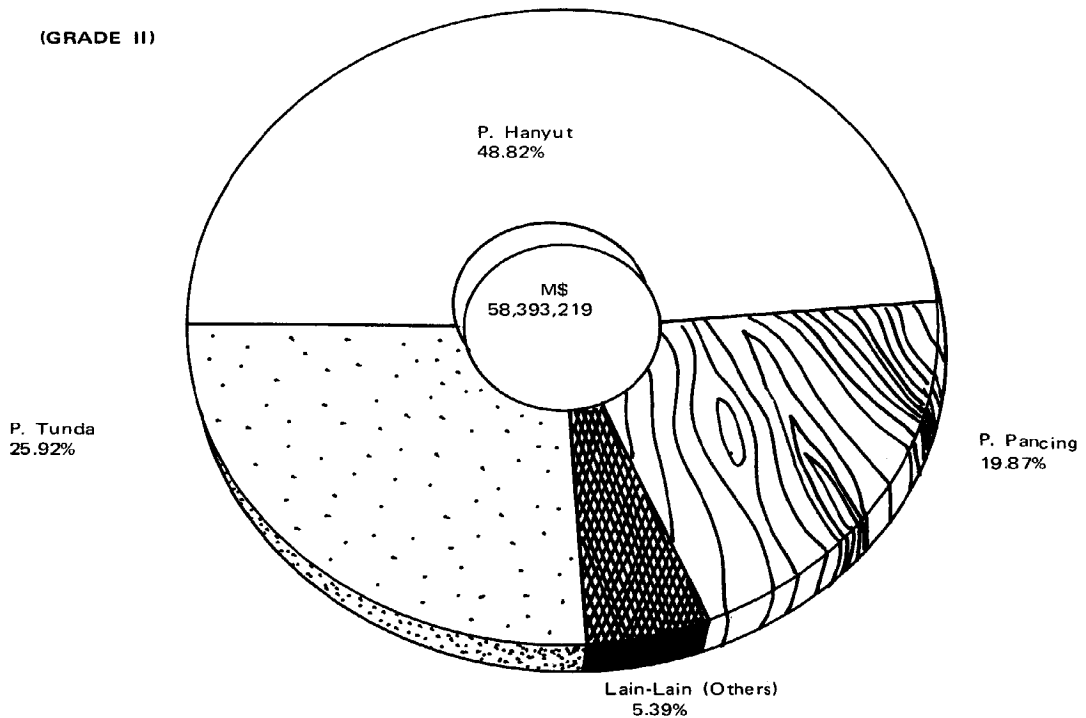
Peta (Chart)
M i

**PERATUS NILAI RUNCIT TANGKAPAN IKAN LAUT MENGIKUT
KUMPULAN PERKAKAS DAN GRED-GRED IKAN, 1977**
(Percentage Retail Landings Value of Marine Fish
by Gear Group and Grade of Fish, 1977)

(GRADE I)

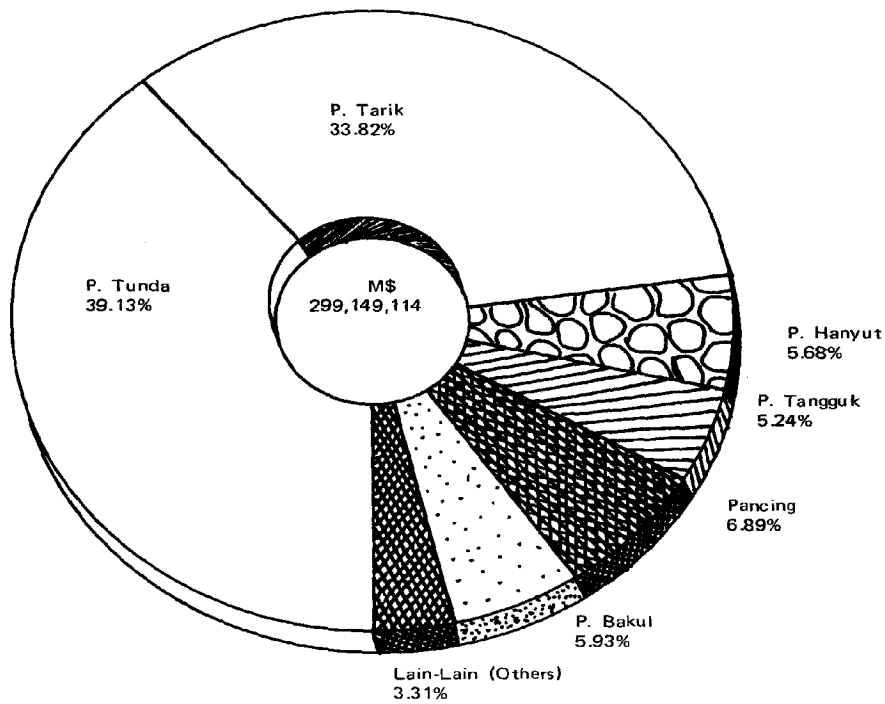


(GRADE II)

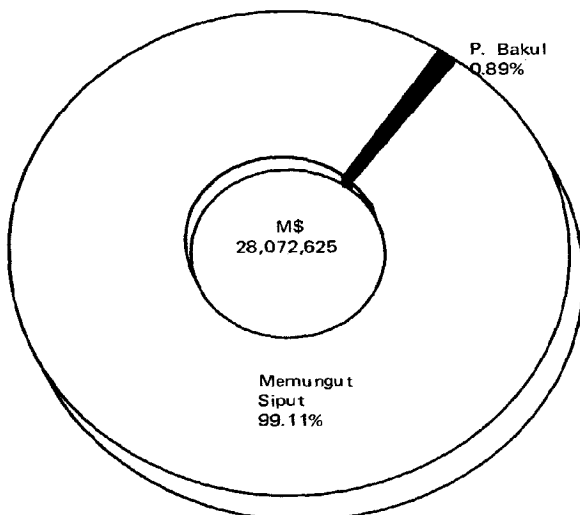


Peta (Chart)
M ii

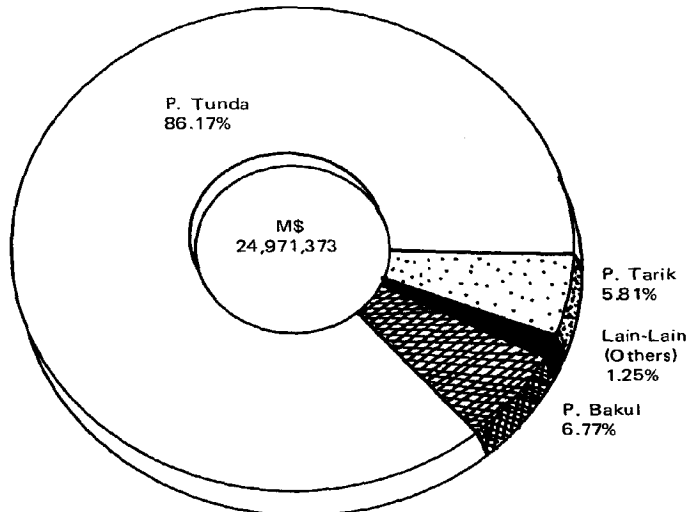
(GRADE III)



KERANG/SIPUT
(SHELL FISH)

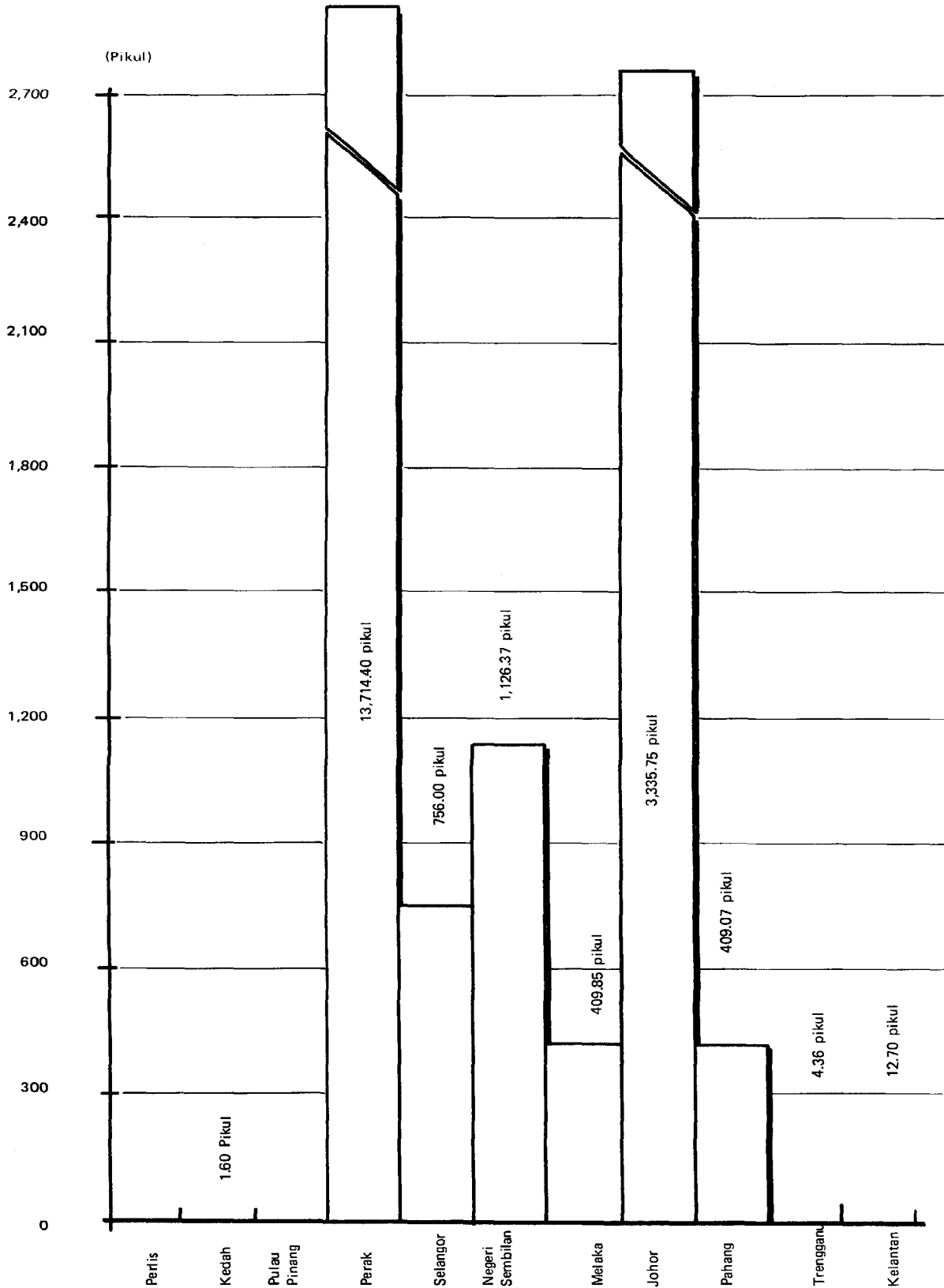


IKAN BAJA
(MANURE FISH)



TANGKAPAN IKAN AIRTAWAR — 1977
(Freshwater Fish Landing 1977)

Peta (Chart)
N



Jumlah Tangkapan (Total Landings): 19,770.10 Pk.
 Dari jualan ikan di pasar-pasar sahaja. (For Market sales only)

Perikanan Airtawar
SEMANANJUNG MALAYSIA

Freshwater Fisheries
Peninsular Malaysia

Jadual (Table)

5.1

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Bilangan Kolam Ikan Dan Penternak, 1977

(Number of Fish Ponds and Number of Farmers, 1977)

Negeri (State)	Kolam-kolam baru 1977 (New Ponds 1977)		Kolam-kolam yang diusaha hingga 31.12.77 (Fish ponds in operation, 31.12.77)		Bilangan penternak hingga 31.12.77 (Number of farmers as at 31.12.77)				Jumlah (Total)
	Bilangan (Number)	Ekar (Acreage)	Bilangan (Number)	Ekar (Acreage)	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	
Perlis	11	3.5	29	10.27	16	1	—	9	26
Kedah	76	66.45	277	191.72	150	22	—	21	193
Pulau Pinang	14	2.22	121	33.18	20	29	—	21	70
Perak	327	289.65	3,951	8,067.18	1,327	1,277	56	42	2,702
Selangor	67	63.00	919	955.05	199	214	11	72	496
Negeri Sembilan	116	37.26	2,681	932.61	1,449	352	14	20	1,835
Melaka	22	10.25	347	113.12	138	55	3	5	201
Johor	57	24.40	1,330	519.13	358	297	1	14	670
Pahang	156	55.89	1,361	854.89	926	133	5	25	1,089
Trengganu	24	13.15	172	69.24	123	4	—	2	129
Kelantan	37	19.10	343	107.24	231	7	—	—	238
Jumlah (Total)	907	584.87	11,531	11,853.63	4,937	2,391	90	231	7,649

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PERJUALAN IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN JENIS IKAN – 1977
(SALES OF FRESHWATER FISH AT MAJOR MARKETS BY STATE AND BY TYPE OF FISH – 1977)

Jenis Ikan (Type of Fish)		Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Trengganu	Kelantan	Jumlah(Pikul) Total(Piculs)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)												
Baung	Mystus nemurus	—	—	—	67.55	0.20	—	—	—	18.05	—	—	85.80
Belidah	Notopetrus Chiltala	—	—	—	32.80	—	1.30	—	—	1.12	—	—	35.22
Bujuk	Chana lucius	—	—	—	29.00	—	—	—	—	—	—	—	29.00
Haruan	Chana Striatus	—	—	—	943.20	24.25	62.70	21.45	—	32.25	—	—	1,083.85
Jelawat	Leptobarbus hoeveni	—	—	—	—	—	—	—	—	2.75	—	—	2.75
Kalui	Osphronemus gorami	—	—	—	12.70	—	—	—	—	—	—	—	12.70
Kap Lumpur	Cirrhina molitorella	—	—	—	13.50	—	—	—	—	—	—	—	13.50
Kap Perak	Hypophthalmichthys Molitrix	—	—	—	52.00	5.00	—	14.00	—	—	—	0.32	71.32
Kap Rumpit	Ctenopharyngodon idollus	—	—	—	2,215.00	286.20	185.61	131.00	24.47	53.72	—	—	2,896.00
Kelah	Tor tambroides	—	—	—	9.50	0.15	—	—	—	1.37	—	—	11.02
Kelabau	Osteochilus kalabau	—	—	—	3.50	—	—	—	—	—	—	—	3.50
Keli/Semilang	Clarias batrachus	—	—	—	1,032.30	26.30	168.30	25.00	—	63.59	—	—	1,315.49
Kerai	Puntius daruphani	—	—	—	30.35	—	—	—	—	48.85	—	—	79.20
Ketutu	Oxyleotris marmoratus	—	—	—	709.70	—	6.40	—	—	0.27	—	—	716.37
Kepala Besar	Aristichthys nobilis	—	—	—	2,373.60	166.55	529.66	101.00	11.58	22.49	—	—	3,204.88
Lampin Jawa	Puntius gonionotus	—	—	—	1,549.60	159.42	41.50	41.50	—	37.05	—	0.25	1,829.32
Lampin Sungai	Puntius schwarzfeldii	—	—	—	58.65	—	13.20	—	—	21.49	—	—	93.34
Lawang	Pangasius micronemus	—	—	—	0.20	—	—	—	—	16.81	—	—	17.01
Lomah	Thynnichthys thynnoides	—	—	—	47.80	—	—	—	—	0.05	—	—	47.85
Lee Koh	Cyprinus Carpio	—	—	—	1,182.90	64.95	61.40	—	—	10.37	0.80	—	1,320.42
Parang	Macrochirichthys macrochirus	—	—	—	—	—	—	—	—	—	—	—	—
Patin	Pangasius pangasius	—	—	—	3.50	—	—	—	—	8.77	—	—	12.27
Rong	Osteochilus Vittatus	—	—	—	2.30	—	—	—	—	—	—	—	2.30
Sebarau	Hampala macrolepidota	—	—	—	4.40	—	—	—	—	—	—	—	4.40
Sepat Siam	Trichogaster pectoralis	—	—	—	131.50	4.30	—	0.90	—	10.50	—	—	147.20
Tapah	Wallago attu	—	—	—	21.70	0.43	—	—	—	14.88	—	—	37.01
Temakang	Helostoma temminckii	—	—	—	21.30	—	—	—	—	—	—	—	21.30
Temoleh/ Femelian	Probarbus jullieni	—	—	—	20.20	—	—	—	—	0.47	—	—	20.67
Tenggalan	Puntius Bulu	—	—	—	37.70	—	—	—	—	9.85	—	—	47.55
Terubol	Osteochilus hasselti	—	—	—	83.10	—	14.60	25.50	—	—	—	—	123.20

Sambungan (Continued)

Jenis Ikan (Type of Fish)		Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Trengganu	Kelantan	Jumlah(Pikul) Total (Piculs)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)												
Tilapia	Tilapia mossambica	—	—	—	2,185.10	4.20	39.60	—	—	7.50	—	—	2,236.40
Toman	Chana micropeltes	—	—	—	13.00	—	—	—	—	—	—	—	13.00
Punyu/Betok	Anabas tespideus	—	—	—	1.95	—	—	—	—	—	—	—	1.95
Udang Galah	Macrobrachium resenbergi	—	—	—	719.70	1.90	0.90	29.00	—	0.12	—	—	751.62
Jalui	Chana maruloides	—	—	—	—	—	—	—	—	—	—	—	—
Kepar	Datnoides microlepis	—	—	—	—	—	—	—	—	—	—	—	—
Umut-Umut/ Umbut- Umbut	Barynotus microlepis	—	—	—	—	—	—	—	—	—	—	—	—
Putih	Puntius binotatus	—	—	—	1.80	9.40	—	20.50	—	—	—	—	31.70
Kelisa	Schropages formosus	—	—	—	—	—	—	—	—	—	—	—	—
Pelbagai	Miscellaneous	—	1.60	—	103.30	2.75	1.20	—	3,299.70	26.75	3.56	12.13	3,450.99
Jumlah (Total) - Pikul (Piculs)		—	1.60	—	13,714.40	756.00	1,126.37	409.85	3,335.75	409.07	4.36	12.70	19,770.10
Ton Metrik (Metric Tonnes)		—	0.1	—	829.7	45.7	68.1	24.8	201.8	24.7	0.3	0.8	1,196.0

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Jadual (Table)

5.3

PENJUALAN IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN – 1977
(SALES OF FRESHWATER FISH AT MAJOR MARKETS BY MONTH AND TYPE OF FISH – 1977)

Jenis Ikan (Type of Fish)		Jan.	Feb.	Mac	April	Mei	Jun	Julai	Ogos	Sept	Okt.	Nob.	Dis.	Jumlah
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)	(Jan.)	(Feb.)	(Mar.)	(April)	(May)	(June)	(July)	(Aug.)	(Sept.)	(Oct.)	(Nov.)	(Dec.)	(Pikul) Total (Piculs)
Baung	<i>Mystus nemurus</i>	1.37	4.62	5.51	7.59	10.70	0.50	9.82	13.70	6.30	7.50	5.30	12.89	85.80
Belidah	<i>Notopterus chittala</i>	4.20	0.57	2.44	0.20	2.05	—	11.06	5.50	2.50	2.56	1.64	2.50	35.22
Bujuk	<i>Chana lucius</i>	—	—	—	—	3.00	—	10.00	8.00	5.00	2.00	1.00	—	29.00
Haruan	<i>Chana Striatus</i>	83.97	122.65	104.45	98.67	102.49	10.79	87.20	93.40	93.69	92.07	89.11	115.36	1,083.85
Jelawat	<i>Leptobarbus Hoeveri</i>	0.60	0.19	—	—	0.17	—	0.17	0.45	0.46	0.23	0.27	0.21	2.75
Kalui	<i>Osphreomus gorami</i>	—	—	—	—	1.00	1.50	4.00	5.00	1.00	0.20	—	—	12.70
Kap Lumpur	<i>Cirrhinia molitorella</i>	—	—	—	—	—	0.50	1.00	2.00	1.50	2.00	5.00	1.50	13.50
Kap Perak	<i>Hypophthalmichthys molitrix</i>	—	—	—	—	—	12.00	3.50	42.00	3.82	2.00	5.00	3.00	71.32
Kap Rumpit	<i>Ctenopharyngodon idellus</i>	191.06	284.52	263.05	214.30	226.90	207.25	216.40	227.45	248.70	298.10	243.65	274.62	2,896.00
Kelah	<i>Tor tambroides</i>	0.70	0.80	2.00	0.50	1.55	0.80	0.80	0.40	0.50	1.48	1.29	0.20	11.02
Kelabau	<i>Osteochilus kelabau</i>	—	—	—	—	1.50	0.50	1.00	0.50	—	—	—	—	3.50
Keli/Semilang	<i>Clarias batrachus</i>	107.29	151.68	131.20	111.30	141.83	115.03	39.55	93.40	96.50	100.80	102.20	124.71	1,315.49
Kerai	<i>Puntius daruphani</i>	6.48	3.47	9.07	7.04	5.98	4.58	26.56	2.79	5.64	3.19	2.14	2.26	79.20
Ketutu	<i>Oxyeleotris marmoratus</i>	46.60	58.10	52.40	55.60	60.60	62.50	43.60	65.00	64.60	68.00	70.77	68.60	716.37
Kepala Besar	<i>Aristichthys nobilis</i>	256.29	300.85	263.00	253.90	279.30	245.90	263.28	194.98	309.20	239.65	281.80	316.73	3,204.88
Lampam Jawa	<i>Puntius gonionotus</i>	130.20	149.22	160.50	137.55	142.50	158.70	157.05	150.50	167.95	164.45	154.75	155.95	1,829.32
Lampam Sungai	<i>Puntius schwanefeldii</i>	1.20	3.81	12.40	12.17	6.24	9.46	9.50	6.99	7.84	9.48	7.73	6.52	93.34
Lawang	<i>Pangasius micronemus</i>	3.06	1.19	—	—	0.73	0.47	0.29	0.30	3.24	6.19	1.17	0.37	17.01
Lomah	<i>Thynnichthys thynnoides</i>	7.00	—	—	0.05	3.00	16.80	3.00	12.00	1.00	3.00	2.00	—	47.85
Lee Koh	<i>Cyprinus carpio</i>	102.20	117.67	105.70	106.50	102.00	115.30	113.65	106.00	115.80	124.20	100.60	110.80	1,320.42
Parang	<i>Macrochirichthys macrochirus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Patin	<i>Pangasius pangasius</i>	0.50	0.06	0.56	1.52	1.35	1.12	1.00	1.60	1.03	2.04	0.97	0.97	12.27
Rong	<i>Osteochilus vittatus</i>	1.40	—	—	—	—	0.30	0.60	—	—	—	—	—	2.30
Sebarau	<i>Hampala macrolepidota</i>	—	—	—	—	1.00	0.80	1.00	0.50	0.20	0.90	—	—	4.40
Sepat Siam	<i>Trichogaster pectoralis</i>	0.90	40.00	—	2.00	21.50	7.00	11.30	12.00	10.00	11.00	6.50	25.00	147.20
Tapah	<i>Wallago attu</i>	3.87	1.50	2.30	0.73	2.50	3.60	6.20	2.00	5.67	1.98	5.16	1.50	37.01
Temakang	<i>Helostoma temminckii</i>	—	—	—	—	1.00	0.50	2.00	4.00	5.80	6.00	2.00	—	21.30
Temoleh/ Temelian	<i>Probarbus jullieni</i>	3.20	0.90	4.80	—	3.30	2.50	2.00	0.80	0.70	0.32	1.15	1.00	20.67
Tenggalan	<i>Puntius bulu</i>	1.40	—	—	2.50	4.04	3.42	30.78	1.51	0.92	0.93	1.25	0.80	47.55

Sambungan (Continued)

Jenis Ikan (Type of Fish)		Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Okt.)	Nob. (Nov.)	Dis. (Dec.)	Jumlah (Pikul) Total (Piculs)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)													
Terubol	<i>Octochilus hasselti</i>	6.80	10.50	5.80	5.60	4.50	9.80	1.60	25.80	14.70	12.80	7.40	17.90	123.20
Tilapia	<i>Tilapia mossambica</i>	190.80	205.50	119.50	169.80	187.30	199.60	4.00	193.70	207.60	223.00	225.00	230.60	2,236.40
Toman	<i>Chana micropeltes</i>	—	—	—	—	5.00	2.00	—	6.00	—	—	—	—	13.00
Puyu/Betok	<i>Anabas tespidineus</i>	0.45	—	—	—	—	—	—	1.50	—	—	—	—	1.95
Udang Galah	<i>Macrobrachium rosebergi</i>	58.42	57.80	33.60	53.80	84.50	80.20	—	80.00	79.00	72.30	74.90	77.10	751.62
Jalui	<i>Chana Maruloides</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Kepar	<i>Datnoides microlepis</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Umut-Umut/ Umbut- Umbut	<i>Barynotus microlepis</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Putih	<i>Puntius binotatus</i>	2.20	0.80	4.50	4.80	4.00	5.30	1.00	1.00	2.50	2.00	2.30	1.30	31.70
Kelisa	<i>Schropages formosus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Pelbagai	Miscellaneous	11.73	4.57	30.37	203.89	382.41	382.71	484.64	571.88	470.88	58.53	86.19	763.19	3,450.99
Jumlah Pikul (Total Piculs)		1,223.44	1,520.97	1,393.15	1,450.01	1,793.94	1,661.43	1,547.55	1,922.65	1,934.24	1,518.90	1,488.24	2,315.58	19,770.10
(Total) M. Ton (Metric Tonnes)		74.0	92.0	84.3	87.7	108.5	100.5	93.6	116.3	117.0	91.9	90.1	140.1	1,196.0

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENGELUARAN BENIH IKAN OLEH PUSAT-PUSAT PENGELUARAN – 1977
(FISH PRODUCTION BY STATION, 1977)

Jadual (Table)
5.4

PUNCA (SOURCES)	JENIS BENIH IKAN (SPECIES OF FISH FRY)									Lain-lain (Others)	Jumlah (Total)
	Lampam Jawa	Lee Koh (Common Carp)	Tilapia	Kap Perak (Silver Carp)	Kepala Besar (Big Head Carp)	Kap Rumpit (Grass Carp)	Udang Galah	Sepat Siam	Kap Cermin (Mirror Carp)		
Pusat Pembaikbiak Ikan (Fish Breeding Station), Jitra, Kedah	303,428	114,049	1,100	—	—	—	—	6,460	—	—	425,037
Pusat Pembaikbiak Ikan (Fish Breeding Station), Enggor, Perak	325,485	88,840	—	—	178	343	—	—	—	—	414,846
Pusat Pembaikbiak Ikan (Fish Breeding Station), Tapah, Perak	238,370	89,530	—	—	—	—	—	—	—	—	327,900
Pusat Pembaikbiak Ikan (Fish Breeding Station), Bukit Tinggi	956,800	136,025	6,317	—	—	—	50	50	—	11	1,099,253
Pusat Pembaikbiak Ikan (Fish Breeding Station), Machang, Kelantan	51,980	25,800	—	—	—	—	—	475	—	—	78,255
Pusat Percubaan Menernak Ikan (Fish Culture Experimental Station), Cameron Highland	—	109,760	—	—	—	—	—	—	800	—	110,560
Institusi Penyelidikan Perikanan (Fisheries Research Institute), Gelugor, Pulau Pinang	—	5,970	—	—	—	—	254,800	—	—	—	260,770
Rancangan Kemajuan Perikanan Darat (Inland Fisheries Extension Scheme)	—	—	—	3,610	43,480	50,995	—	—	—	—	98,085
Institusi Penyelidikan Pembangunan Pertanian Malaysia (M. A. R. D. I.) *	—	2,100	—	—	3,020	2,100	—	—	—	—	7,220
Jumlah (Total)	1,876,063	572,074	7,417	3,610	46,678	53,438	254,850	6,985	800	11	2,821,926

* M. A. R. D. I. — Malayan Agricultural Research and Development Institute

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PEMBAHAGIAN BENIH-BENIH IKAN AIRTAWAR – 1977
(Distribution of Freshwater Fish Fry – 1977)

Jadual (Table)
5.5

Negeri (State)	PENTERNAK (FARMERS)								Jumlah (Total)
	Lampam Jawa	Lee Koh (Common Carp)	Tilapia	Kap Kepala Besar (Big Head Carp)	Kap Rumpit (Grass Carp)	Sepat Siam	Udang Galah	Lain-lain (Others)	
Perlis	1,690	1,960	50	125	125	60	—	—	4,010
Kedah	49,778	34,379	400	3,755	6,085	6,200	7,500	—	108,097
Pulau Pinang	7,210	5,540	—	910	1,380	200	23,000	—	38,240
Perak	387,145	167,135	—	1,545	4,252	—	45,000	—	605,077
Selangor	240,025	44,805	10	5,030	5,470	10	59,300	—	354,650
Negeri Sembilan	173,705	43,590	—	16,649	8,116	—	79,200	—	321,260
Melaka	31,490	7,060	—	200	2,900	—	—	—	41,650
Johor	35,290	11,185	2,000	11,675	17,525	—	20,000	1,610	99,285
Pahang	100,310	19,900	3,093	1,270	4,845	—	—	—	129,418
Trengganu	33,383	9,785	1,000	285	400	—	10,000	—	54,853
Kelantan	51,980	25,380	—	1,734	2,340	475	800	—	82,709
Jumlah (Total)	1,112,006	370,719	6,553	43,178	53,438	6,945	244,800	1,610	1,839,249

Sambungan (Continued)

Negeri (State)	Pelepasan Ke dalam Perairan Umum (Stocking in open and impounded water)								Kegunaan Pelbagai (Research and miscellaneous purposes)								Jumlah Besar (Grand Total)	
	Lampam Jawa	Lee Koh (Common Carp)	Tilapia	Sepat Siam	Kap Kepala Besar (Big Head Carp)	Kap Perak (Silver Carp)	Lain-lain (Others)	Jumlah (Total)	Lampam Jawa	Lee Koh (Common Carp)	Tilapia	Kap Cermin (Mirror Carp)	Kap Jepun (Japanese Carp)	Udang Galah	Sepat Siam	Lain-lain (Others)		Jumlah (Total)
Perlis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4,010
Kedah	145,000	15,000	—	—	—	—	—	160,000	6,100	100	150	—	—	—	—	—	6,350	274,447
Pulau Pinang	—	—	—	—	—	—	—	—	4,650	3,070	500	—	—	10,000	—	—	18,220	56,460
Perak	176,710	1,655	—	—	—	—	—	178,365	—	66,540	—	800	—	—	—	—	67,340	850,782
Selangor	70,000	250	—	—	—	—	—	70,250	15	6	—	—	6	16	6	4	53	424,953
Negeri Sembilan	108,170	2,585	200	—	3,500	2,000	—	116,455	120	70	—	—	—	—	—	—	190	437,905
Melaka	25,000	—	—	—	—	—	—	25,000	—	—	—	—	—	—	—	—	—	66,650
Johor	26,000	—	—	—	—	—	—	26,000	170	170	—	—	—	24	20	—	384	125,669
Pahang	104,200	57,700	—	—	—	—	—	161,900	212	209	14	—	—	10	14	1	460	291,778
Trengganu	8,710	—	—	—	—	—	—	8,710	—	—	—	—	—	—	—	—	—	63,563
Kelantan	—	—	—	—	—	—	—	—	89,000	54,000	—	—	—	—	—	—	143,000	225,709
Jumlah (Total)	663,790	77,190	200	—	3,500	2,000	—	746,680	100,267	124,165	664	800	6	10,050	40	5	235,997	2,821,926

Jadual (Table)

5.6

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA BORONG IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT BULAN – 1977
(WHOLESALE PRICES OF FRESHWATER FISHES AT MAJOR MARKETS BY MONTH – 1977)
 (\$ /Kati)

Jenis Ikan (Type of Fish)		Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nob. (Nov.)	Dis. (Dec.)	Jumlah Purata (Average)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)													
Baung	<i>Mystus nemurus</i>	1.00	1.00	1.00	1.00	1.25	1.27	1.20	1.00	1.20	1.03	1.10	1.10	1.10 \$/kati
Belidah	<i>Notopterus chitala</i>	0.60	1.00	1.00	—	0.80	1.00	0.62	0.90	1.10	0.88	0.95	1.25	0.92
Bujuk	<i>Chana lucius</i>	—	—	—	—	0.60	0.80	0.70	0.70	0.70	0.75	0.75	—	0.71
Haruan	<i>Chana straitus</i>	1.00	1.05	1.03	1.05	1.07	1.27	1.09	1.08	1.05	1.16	1.21	1.15	1.10
Jelawat	<i>Leptobarbus hoeveni</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Kalui	<i>Osphronemus gorami</i>	—	—	0.75	—	0.50	0.50	0.50	0.50	1.00	0.55	—	—	0.61
Kap Lumpur	<i>Cirrhine molitorella</i>	—	—	—	—	—	1.00	0.95	—	0.55	1.00	1.00	1.00	0.92
Kap Perak	<i>Hypophthalmichthys molitrix</i>	—	—	—	—	—	—	1.20	1.23	1.30	1.30	1.30	1.30	1.27
Kap Rumput	<i>Ctenopharyngodon idellus</i>	1.00	—	1.19	1.10	1.20	1.22	1.30	1.18	1.32	1.33	1.57	1.33	1.25
Kelah	<i>Tor tambroides</i>	—	—	—	—	2.20	2.20	2.20	2.20	—	—	—	2.00	2.16
Keli/Semilang	<i>Clarias batrachus</i>	0.94	0.91	1.01	1.02	0.95	1.13	1.08	1.03	1.01	1.18	1.19	1.13	1.05
Ketutu	<i>Oxyeleotris marmoratus</i>	7.00	7.10	7.10	7.10	7.35	7.97	7.39	8.33	8.07	8.06	8.16	8.16	7.65
Kap Kepala Besar	<i>Aristichthys nobilis</i>	0.93	1.14	0.97	1.08	1.07	1.21	1.14	1.11	1.01	0.81	1.11	1.12	1.06
Lampar Jawa	<i>Puntius gonionotus</i>	0.86	1.06	1.07	1.03	0.99	1.16	1.07	1.00	1.32	1.10	1.12	1.19	1.08
Lampar, Sungai	<i>Puntius schwanefeldii</i>	—	—	—	—	0.40	1.00	0.60	0.90	1.03	1.11	1.11	1.13	0.91
Lomah	<i>Thynnichthys thynnoides</i>	0.40	—	—	—	0.80	0.66	0.80	0.63	0.85	0.45	0.45	—	0.63
Lee Koh	<i>Cyprinus carpio</i>	1.07	1.07	1.12	1.02	1.04	1.31	1.14	1.03	1.14	1.08	1.20	1.21	1.12
Sebarau	<i>Hampala macrolepidota</i>	—	—	—	—	1.40	1.40	1.40	1.40	1.40	—	—	—	1.40
Sepat Siam	<i>Trichogaster pectoralis</i>	1.00	—	0.50	—	0.70	0.75	0.70	0.75	0.70	0.70	0.85	0.90	0.76
Tapah	<i>Wallago attu</i>	1.00	—	1.20	1.20	1.50	1.80	1.80	1.80	1.60	1.80	—	1.80	1.55
Temakang	<i>Helostoma temminckii</i>	—	1.20	—	—	0.50	0.55	0.50	0.60	0.55	0.65	0.70	—	0.66
Tenggalan	<i>Puntius bulu</i>	1.20	—	—	—	0.90	0.95	1.00	0.90	—	—	—	—	0.99
Terubol	<i>Osteochilus hasselti</i>	0.75	0.80	0.70	0.75	0.75	0.88	0.58	0.68	0.86	0.80	—	0.94	0.77
Tilapia	<i>Tilapia mossambica</i>	0.49	0.48	0.55	0.54	0.53	0.66	0.59	0.50	0.56	0.50	—	0.47	0.53
Toman	<i>Chana micropeltes</i>	—	—	—	—	0.60	0.70	—	0.70	—	—	—	—	0.67
Puyu/Betok	<i>Anabas testudineus</i>	0.80	—	—	—	—	—	0.70	1.00	—	—	—	—	0.83
Udang Galah	<i>Macrobrachium rosenbergii</i>	4.73	4.45	4.45	4.95	5.25	5.66	6.00	6.50	6.27	6.47	6.47	5.54	5.56
Lawang	<i>Pangasius micronemus</i>	—	—	—	—	—	—	—	0.60	—	—	—	—	0.60
Temoleh/ Temelian	<i>Probarbus jullieni</i>	—	—	1.20	—	1.20	1.00	1.20	1.20	1.20	1.20	—	1.25	1.18
Kelabau	<i>Osteochilus kalabau</i>	—	—	—	—	0.80	0.80	0.70	0.65	—	—	—	—	0.74
Siakap	<i>Lates calcarifer</i>	—	—	—	—	—	—	—	—	—	—	—	—	—
Putih	<i>Puntius binotatus</i>	0.90	—	1.00	1.00	1.10	1.05	0.90	0.90	1.00	1.00	1.00	1.40	1.02
Pelbagai	Miscellaneous	1.30	—	—	0.75	0.59	1.00	—	—	0.80	0.97	1.10	0.68	0.90

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA RUNCIT IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT BULAN – 1977
(RETAIL PRICES OF FRESHWATER FISHES AT MAJOR MARKETS BY MONTH – 1977)
(\$ /kati)

Jenis Ikan (Type of Fish)		Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah Purata (Average)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)													
Baung	<i>Mystus numerus</i>	2.15	2.40	2.22	1.95	2.22	1.89	2.25	2.46	1.76	1.79	1.83	2.67	2.13 \$/kati
Belidah	<i>Notopterus chitala</i>	0.65	1.70	1.53	1.40	1.43	1.25	1.20	1.30	1.60	1.60	1.80	1.80	1.44
Bujuk	<i>Chana lucius</i>	—	—	—	1.42	0.90	1.00	1.00	1.00	1.05	1.05	1.05	—	1.06
Haruan	<i>Chana striatus</i>	1.45	1.63	1.38	—	1.50	1.37	1.47	1.52	1.50	1.36	1.51	1.58	1.48
Jelawat	<i>Leptobarbus hoeveni</i>	20.00	22.00	—	—	18.00	—	20.00	19.00	23.00	23.00	23.00	22.00	21.11
Kalui	<i>Osphronemus gorami</i>	—	—	1.00	—	0.75	—	0.70	0.70	0.80	0.80	—	—	0.79
Kap Lumpur	<i>Cirrhina molitorelia</i>	—	—	—	—	—	1.45	1.40	1.90	—	1.40	1.40	1.40	1.49
Kap Perak	<i>Hypophthalmichthys molitrix</i>	—	—	1.77	—	—	—	1.45	1.30	1.60	1.40	1.60	1.40	1.50
Kap Rumpit	<i>Ctenopharyngodon idellus</i>	1.53	1.64	2.60	1.69	1.69	1.59	1.75	1.61	1.77	1.91	1.91	1.90	1.80
Kelah	<i>Tor tambroides</i>	2.50	—	—	2.60	2.75	—	0.80	2.71	2.50	3.60	3.80	2.80	2.67
Kelabau	<i>Osteochilus Kalabau</i>	—	—	—	—	1.10	1.20	1.05	1.10	—	—	—	—	1.11
Keli/Semilang	<i>Clarias batrachus</i>	1.45	1.51	1.41	1.45	1.38	1.37	1.48	1.48	1.49	1.55	1.55	1.48	1.47
Kerai	<i>Puntius daruphani</i>	2.62	3.75	3.80	3.83	2.73	3.06	2.20	3.90	4.00	4.00	2.35	3.87	3.34
Ketutu	<i>Oxyeleotris marmoratus</i>	8.40	8.00	8.50	8.50	8.83	8.70	8.69	10.50	9.60	9.60	8.03	9.51	8.91
Kepala Besar	<i>Aristichthys nobilis</i>	1.38	1.57	1.61	1.39	1.47	1.30	1.54	1.53	1.64	1.52	1.66	1.70	1.53

SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)

Sambungan (Continued)

HARGA RUNCIT IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT BULAN – 1977

(RETAIL PRICES OF FRESHWATER FISHES AT MAJOR MARKETS BY MONTH – 1977)

Jenis Ikan (Type of Fish)		Jan.	Feb.	Mac	April	Mei	Jun	Julai	Ogos	Sept.	Okt.	Nov.	Dis.	Jumlah
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)	(Jan.)	(Feb.)	(Mar.)	(Apr.)	(May)	(June)	(July)	(Aug.)	(Sept.)	(Oct.)	(Nov.)	(Dec.)	Purata (Average)
Lampam Jawa	<i>Puntius gonionotus</i>	1.63	1.39	1.42	1.34	1.39	1.39	1.45	1.47	1.55	1.52	1.51	1.59	1.47 (\$/kati)
Lampam Sungai	<i>Puntius schwanefeldii</i>	1.40	1.50	1.93	1.70	1.67	1.73	1.35	1.93	1.61	1.80	1.73	1.82	1.66
Lawang	<i>Pangasius micronemus</i>	3.80	—	—	—	2.50	3.00	4.00	3.00	3.50	—	3.50	4.00	3.41
Lomah	<i>Thynnichthys thynnoides</i>	—	—	—	3.00	1.10	1.10	1.20	—	1.30	3.50	—	—	1.87
Lee Koh	<i>Cyprinus carpio</i>	1.34	1.45	1.52	1.39	1.37	1.37	1.20	1.60	1.58	1.60	1.58	1.61	1.47
Putih	<i>Puntius binotatus</i>	1.10	1.30	1.41	1.20	1.18	1.10	1.35	1.00	1.12	1.30	1.30	—	1.21
Patin	<i>Pangasius pengasius</i>	3.00	3.80	3.70	4.00	3.90	3.60	4.05	1.23	3.90	2.40	2.20	4.50	3.36
Rong	<i>Osteochilus vittatus</i>	1.60	—	—	—	1.60	—	—	—	—	—	—	—	1.60
Sebarau	<i>Hampala macrolepidota</i>	—	—	—	—	1.80	1.85	0.95	1.80	1.80	1.20	—	—	1.57
Sepat Siam	<i>Trichogaster pectoralis</i>	1.20	—	1.19	1.09	0.95	0.95	1.30	1.19	0.95	1.18	1.18	1.20	1.13
Tapah	<i>Wallago attu</i>	2.25	—	—	1.50	1.85	1.35	2.50	2.40	2.55	2.70	2.70	2.40	2.22
Temakang	<i>Helostoma temminckii</i>	—	—	—	—	0.80	0.85	0.80	0.85	0.98	0.95	1.00	—	0.89
Temoleh/ Temelian	<i>Probarbus jullieni</i>	1.80	—	1.70	—	1.60	1.62	2.03	1.63	1.63	2.07	2.10	1.70	1.79
Tenggalan	<i>Puntius Bulu</i>	1.60	—	—	2.85	2.85	2.73	2.75	2.83	3.65	4.50	3.05	4.10	3.09
Terubul	<i>Osteochilus hasselti</i>	1.18	1.30	1.07	1.08	1.08	0.75	0.93	1.20	1.13	1.08	1.03	1.20	1.09
Tilapia	<i>Tilapia mossambica</i>	0.91	1.05	0.90	0.80	1.45	0.66	0.75	0.97	0.77	0.97	0.87	0.72	0.90
Toman	<i>Chana micropeltes</i>	—	—	—	—	—	1.00	0.95	0.95	—	—	—	—	0.97
Puyu	<i>Anebas testudineus</i>	1.00	—	—	—	—	—	—	1.20	—	—	—	—	1.10
Rong	<i>Osteochilus virratus</i>	1.60	—	—	—	1.60	—	—	—	—	—	—	—	1.60
Udang Galah	<i>Macrobrachium rosenbergi</i>	5.72	4.00	5.13	5.92	6.50	7.33	7.67	7.77	7.83	6.71	6.67	6.75	6.50
Pelbagai	Miscellaneous	1.82	2.85	0.90	1.15	0.87	1.25	—	3.00	—	1.28	1.33	1.00	1.55

SABAH & SARAWAK



South China Sea

SARAWAK

S A B A H

West
Coast
Residency

Sandakan
Residency

Kota
Kinabalu

Interior
Residency

Tawau
Residency

Miri

Fifth
Division

Fourth Division

Bintulu

Mukah

Third
Division

Seventh Division

Sarikei

6th
Div.

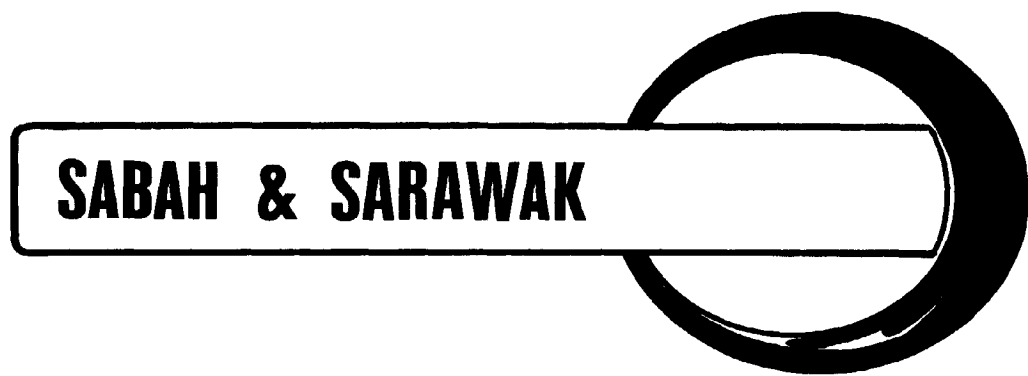
Second
Division

Kuching

First
Division

INDONESIA KALIMATAN

- International Boundaries
- State Boundaries
- - - - - Residency or Divisional Boundaries
- Fisheries Office



Jadual (Table)
6.1

Pengeluaran Ikan Mengikut Jenis Kumpulan Ikan, Sabah
(Production of Fish by Groups of Species, Sabah)
1969 - 1977

Jenis Kumpulan Ikan (Groups of Species)	Kuantiti (Quantities) ('000 Metric Tonnes)								
	1969	1970	1971	1972	1973	1974	1975	1976	1977
Freshwater fishes	1.016	1.016	1.016	1.016	1.016	1.016	1.016	1.000	1.300
Shads, milk fishes, etc.	1.727	1.727	1.727	1.727	1.829	1.829	1.829	1.500	0.300
Flounders, soles, etc.	0.813	0.813	0.813	0.915	1.016	1.016	1.016	1.000	0.100
Redfishes, basses, congers, etc.	3.048	3.251	3.251	3.454	4.572	4.572	4.877	4.500	6.500
Jacks, mullets, etc.	2.845	2.947	2.743	2.845	3.048	3.048	3.454	3.200	7.900
Herrings, sardines, anchovies, etc.	4.064	4.064	4.064	3.861	3.861	3.861	3.962	3.700	1.800
Tunas, bonitos, skipjacks	0.711	0.813	0.610	0.610	0.610	0.813	0.915	0.800	1.200
Mackerels, billfishes, etc.	1.524	1.727	1.727	1.727	2.032	2.133	2.235	2.000	7.400
Sharks, rays	1.626	1.829	1.829	1.829	1.829	1.930	1.829	1.700	0.700
Slipmouths (Leiognathus spp.)	1.219	1.422	1.626	1.524	2.845	3.048	3.353	3.000	0.400
Unsorted and unidentified fishes	2.032	2.032	2.032	2.235	2.845	3.048	2.946	2.600	1.500
Crustaceans	4.064	4.470	5.283	5.486	5.689	5.893	5.588	5.700	6.000
Molluscs	0.406	0.406	0.508	0.406	0.508	0.610	0.508	0.500	0.600
Beche-de-mer, sea-urchins, etc.	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.100	0.100
Pearls, shells, corals, etc.	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.400	0.400
JUMLAH (TOTAL)	25.603	27.025	27.737	28.143	32.208	33.325	34.036	31.700	36.200

Nilai Ikan yang didaratkan, Sabah
(Value of Fish Landed in Sabah)
1969 - 1977

Jadual (Table)
6.2

Jenis Kumpulan Ikan (Group of Species)	Nilai (Value) ('000 M\$)								
	1969	1970	1971	1972	1973	1974	1975	1976	1977
Freshwater fishes	1,200	1,200	1,400	1,800	2,000	2,000	2,600	2,800	3,700
Shads, Milkfishes, etc.	580	600	600	680	900	900	1,500	1,380	280
Flounders, soles, etc.	720	740	760	900	1,200	1,200	1,600	1,760	180
Redfishes, basses, congers, etc.	2,700	3,000	3,200	4,080	5,100	6,040	7,900	8,150	11,780
Jacks, mullets, etc.	3,260	3,400	3,200	3,360	4,200	4,500	6,650	6,890	17,100
Herrings, sardines, anchovies, etc.	1,800	1,850	2,000	1,900	1,900	1,900	2,280	2,380	1,200
Tunas, bonitos, skipjacks	350	480	360	360	360	560	750	730	1,100
Mackerels, billfishes, etc.	1,650	2,000	2,200	2,200	3,200	3,360	4,220	4,220	15,700
Sharks, rays	450	860	720	1,080	1,080	1,140	1,300	1,350	560
Slipmouths (Leiognathus spp.)	500	600	640	600	1,120	1,350	1,730	1,730	240
Unsorted and unidentified fishes	1,800	2,000	2,000	1,540	280	480	700	690	400
Crustaceans	9,300	10,120	14,000	19,300	20,460	21,460	24,000	28,000	32,400
Molluscs	320	320	400	520	600	720	720	790	950
Beche-de-mer, sea-urchins, etc.	50	50	50	50	50	50	60	70	80
Pearls, shells, corals, etc.	500	500	500	400	500	500	600	660	700
JUMLAH (TOTAL)	25,180	27,720	32,030	38,770	42,950	46,160	56,610	61,600	86,370

Impot Dan Ekspot Hasil-Hasil Perikanan, Sabah — 1977
Import and Export of Fisheries Products, Sabah — 1977
(Kuantiti dalam Long Ton — Quantity in Long Ton)

Description of Commodity	Commodity Code	Unit of Quantity	Imports		Exports	
			Quantity	Value (M.\$)	Quantity	Value (M.\$)
Beche-de-Mer	011-891) 012-902)	Ton	34.24	27,846	97.72	93,174
Fish Fry	031-110	1000	1,799.16	38,012	800.10	10,001
Fish for Aquaria	031-120	100	1,419.84	32,943	0.20	20
Tuna, fresh chilled or frozen	031-131	Ton	0.56	2,599	—	—
Sauries, fresh chilled or frozen	031-132	Ton	0.08	23	—	—
Other, fresh chilled or frozen	031-139	Ton	110.81	259,110	31.59	162,245
Fish freshwater fresh chilled or frozen	031-180	Ton	11.05	65,341	382.46	1,553,809
Fishmaw	031-201	Ton	1.23	28,408	0.02	109
Sharks fin salted or dried not further prepared	031-202	Ton	3.42	248,929	1.87	8,998
Fish Marine salted or dried	031-203	Ton	116.03	237,396	76.65	120,646
Fish freshwater salted or dried	031-204	Ton	3.06	11,190	—	—
Salmon smoked	031-205	Lb.	417.65	4,534	—	—
Fish smoked except salmon	031-206	Lb.	3,131.67	7,394	—	—
Prawns fresh chilled	031-301	Ton	5.80	24,087	—	—
Prawns fresh, frozen	031-302	Ton	15.26	80,295	2,637.07	29,952,701
Crabs, Lobsters etc. fresh chilled or frozen	031-303	Ton	1.55	15,348	28.77	66,810
Prawns, crabs, Lobsters etc. salted, in brine dried or boiled	031-304	Ton	16.38	88,977	9.08	31,076
Oysters fresh	031-305	Ton	7.68	95,213	0.08	650
Other Molluscs fresh chilled or frozen	031-306	Ton	2.76	12,951	1.42	3,995
Other Molluscs salted, in brine	031-307	Ton	111.68	329,751	333.15	3,600,324
Fish boiled or steamed	032-010	Ton	0.41	1,493	—	—
Sardine canned	032-011	Ton	518.19	1,141,787	33.52	27,851
Herring and Brisling canned	032-012	Ton	2.13	6,771	—	—
Salmon canned	032-014	Lb.	1,537.29	10,543	—	—
Fish paste and similar preparations	032-015	Lb.	4,879.66	4,671	—	—
Sharks' fins prepared	032-016	Ton	1.32	62,445	—	—
Tuna canned	032-017	Ton	11.67	11,361	—	—
Fish preparations not canned	032-018	Lb.	99,633.13	107,313	—	—
Sardines canned	032-019-1	Ton	7.36	27,284	0.02	90
Horse Mackerels canned	032-019-2	Ton	1,475.19	3,294,861	4.76	12,241
Fish, others canned	032-019-3	Ton	672.63	1,702,002	23.26	10,418

Sambungan (Continued)

(Kuantiti dalam Long Ton – Qty. in Long Ton)

Description of Commodity	Commodity Code	Unit of Quantity	Imports		Exports	
			Quantity	Value (M.\$)	Quantity	Value (M.\$)
Abalone canned	032-021	Ton	24.63	387,232	11.46	124,554
Prawns and shrimps (Belacan) canned	032-022	Ton	118.47	382,810	0.85	1,513
Crabs canned	032-023	Ton	2.16	7,491	—	—
Cuttlefish canned	032-024	Ton	107.67	324,222	0.37	1,062
Preparations of crustacean and molluscs not canned	032-028	Lb.	378,382.97	424,156	37,676.48	165,575
Preparations of Crustacean and molluscs canned	032-029	Ton	174.58	449,441	8.45	82,630
Prawn Dust	081-401	Ton	10.92	5,686	—	—
Fish Meal	081-402	Ton	171.87	201,454	—	—
Fish Molluscs and crustaceans and Broths	099-052	Lb.	55.50	172	—	—
Tortoise shell unworked	291-140	Ton	19.29	27,170	45.49	88,986
Coral etc. unworked	291-150	Ton	23.42	17,830	75.71	85,374
Fish waste	291-940	Ton	0.40	1,707	0.68	14,893
Natural sponges	291-970	Lb.	20.00	121	—	—
Turtles eggs	291-991	100	—	—	0.01	630
Products of fish, crustaceans and molluscs not for human consumption	291-998	Ton	9.83	1,100	—	—
Sea grass	292-922	Ton	6.93	3,676	—	—
Sea weed products	292-992	Ton	2.86	29,534	1,814.08	47,088
Pearls not set	667-101	Value	—	4.73	—	—
TOTAL (JUMLAH):			4,021.40 (Tons)	10,245,153 (M\$)	5,635.35 (Tons)	36,267,463 (M\$)

Jadual (Table)
6.4

Impot dan Ekspot Hasil-Hasil Perikanan, Sabah
(Import and Export of Fisheries Products, Sabah)
1965 - 1977

(Kuantiti Long Ton - Quantity in Logg Ton)

Tahun (Year)	Import		Export	
	Quantity	Value (M \$)	Quantity (Tons)	Value (M \$)
1965	2,295	3,127,038	1,617	4,272,600
1966	2,405	3,410,991	1,972	5,990,187
1967	2,849	3,568,010	2,313	7,509,005
1968	2,431	3,390,673	2,169	8,482,298
1969	2,726	3,992,054	2,238	7,337,991
1970	3,098	4,494,787	2,405	8,703,229
1971	2,818	4,144,925	2,316	10,636,254
1972	3,599	5,172,929	2,627	12,438,520
1973	4,017	6,869,428	2,944	18,507,065
1974	4,212	9,091,577	2,647	13,712,863
1975	4,215	8,400,596	2,742	14,880,057
1976	5,530	11,205,702	3,965	29,595,961
1977	4,021	10,245,153	5,635	36,267,463

Jadual (Table)
6.5

Bilangan Bot-Bot Perikanan di Sabah
(Number of Fishing Boats in Sabah)
1963 - 1977

Tahun (Year)	Total No. of Fishing Boats	Number of Non-powered Boats	Number Motorised	
			With Inboard Engines	With Outboard Engines
1963	5,235	2,849	586	*1,800
1964	*4,288	1,388	*700	*2,200
1965	3,315	540	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	320	*1,400	*2,300
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	*4,300	400	1,400	2,500
1975	*4,236	400	1,131	2,705
1976	*4,200	300	1,165	2,735
1977	4,508	921	1,676	1,911

* Angka-angka Anggaran
(Estimated Figures)

Pendaratan Ikan dan Udang Mengikut Bulan di Sarawak, 1977
(Monthly Landings of Fish and Prawn in Sarawak by Species, 1977)

Jadual (Table)

7.1

(Kuantiti dlm. Pikul – Quantity in Piculs)

Nama Tempatan (Local Name of Fishes)	Nama Sains (Scientific Names)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	Apr. (Apr.)	Mei (May)	Jun (June)	July (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	M.Ton (M.Tonnes)
Lidah	Soleidae	568	1,769	1,566	1,436	2,015	1,979	1,951	1,950	1,824	2,120	2,015	1,308	20,501	1,240
Sahelah	Cynoglossidae	456	1,461	1,454	2,011	2,638	2,637	2,703	2,462	2,512	2,466	2,410	1,504	24,704	1,495
Daun Baharu	Drepane punctata	—	—	2	—	—	—	—	290	308	313	316	215	1,444	87
Duri(Jahan/Goh)	Tachysuridae	306	617	884	1,400	4,015	3,041	2,778	3,408	3,278	2,673	2,093	1,129	25,622	1,550
Gelama/Tengkerong	Sciaenidae	3,329	2,254	2,630	3,788	4,460	4,927	5,187	5,609	5,162	4,432	3,918	2,020	47,716	2,887
Jenahak	Lutianidae	—	—	—	—	—	—	—	520	498	533	632	412	2,595	157
Kaci	Plectorhynchus pictus	—	—	—	—	—	50	314	390	415	405	500	420	2,494	151
Kerapu	Epinephalus spp.	454	441	558	640	557	675	1,153	1,399	1,186	1,334	1,554	567	10,518	636
Kerisi	Nemipteridae	652	6	12	22	14	4	105	600	629	550	584	100	3,278	198
Kikek	Leiognathidae	—	—	—	—	—	2	14	20	30	20	81	250	417	25
Malong	Muraenesox cinereus	1,351	1,237	2,443	4,646	8,161	5,386	5,423	5,308	5,678	5,277	6,158	2,672	53,740	3,251
Pelandok	Lathrinus miniatus F.	—	—	—	2	9	—	62	—	73	17	1	2	166	10
Semilang	Pletosus spp.	64	54	81	106	99	87	125	103	99	95	73	29	1,015	61
Shrumbu/Senolong/ Kapas)	Lactarius lactarius	19	53	39	502	511	585	458	434	346	290	99	114	3,450	209
Alu-Alu/Kacang- Kacang	Sphyræna spp.	47	37	32	707	1,160	1,320	1,308	1,556	1,109	1,581	1,473	997	11,327	685
Bawal Puteh/Dueh Puteh	Pampus chinensis	488	180	358	1,509	2,786	2,896	2,511	1,730	2,069	2,167	1,715	568	18,977	1,148
Bawal Puteh(Bujang)/ Dueh Puteh(Bujang)	Pampus Argenteus	162	812	1,056	330	912	953	854	574	561	425	251	77	6,967	422
Bawal Hitam/Dueh Hitam	Parastromateus Niger	160	490	2,127	2,227	3,975	4,336	4,418	3,557	3,085	2,591	2,288	1,131	30,385	1,838
Belanak/Kedera	Mugil spp.	21	111	12	62	—	5	15	15	25	5	10	5	286	17
Cermin/Sagai	Alectis Indica	4	—	—	—	—	—	—	—	—	—	—	—	4	—
Cincaru(Goronggong)	Negalaspis crydyla	125	88	159	316	342	524	334	404	245	209	124	754	3,624	219
Demudok/Rambai	Caranx spp.	—	—	—	7	4	140	19	43	151	104	46	16	530	32
Kurau/Senangin	Polynemus tetradactylus	1,528	1,530	1,580	832	1,225	1,210	1,283	1,864	1,821	1,875	1,544	278	16,570	1,003
Selar	Caranx spp.	184	367	606	464	684	668	610	1,033	761	1,074	1,048	51	7,550	457
Selar Kuning	Caranx spp.	—	—	—	82	48	87	84	850	503	630	698	239	3,221	195
Selayang	Decapterus russellii	12	3	—	—	19	—	—	—	—	—	—	—	34	2
Talang	Chorinemus spp.	2	4	8	291	235	177	57	124	60	91	21	42	1,112	67
Bilis	Stolophorus spp.	104	125	157	188	284	203	71	68	—	—	—	—	1,200	73
Bulan	Megalops cyprinoides	—	—	—	180	220	170	—	60	60	—	—	—	690	42
Parang-parang	Chirocentrus dorab	181	203	261	592	414	455	1,370	1,045	1,322	1,333	1,228	459	8,863	536
Tamban	Clupea spp.	73	62	93	167	164	543	632	591	429	433	143	182	3,512	213
Terubok	Clupea macrura	151	174	287	718	1,038	927	870	490	627	543	321	83	6,229	377

Sambungan (Continued)

Nama Tempat (Local Name of Fishes)	Nama Sains (Scientific Names)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	July (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nob. (Nov.)	Dis. (Dec.)	Jumlah (Total)	M. Ton (M. Tonnes)
Tongkol/Kayu/Aya	Euthynnus spp.	1,386	1,360	1,631	2,125	2,170	2,166	2,938	3,595	3,573	4,761	3,207	1,917	30,829	1,865
Kembong/Temenong	Pastrelliger kanagurta	734	2,829	2,223	792	518	624	537	987	932	1,003	925	561	12,665	766
Tenggiri	Scomberomerus spp.	1,700	1,613	1,799	3,336	5,314	4,739	5,441	5,294	5,039	3,986	3,211	1,859	43,331	2,621
Timah	Trichiurus spp.	137	37	57	1,151	1,492	1,741	1,584	1,684	1,658	1,522	1,397	867	13,327	806
Yu	Lamniformes	498	1,489	1,665	2,517	1,774	2,866	2,861	2,895	3,199	3,022	2,753	1,155	26,694	1,615
Pari	Order Rajiformes	830	3,839	5,118	5,548	5,554	6,348	6,371	6,060	5,905	5,015	3,850	1,512	55,950	3,385
Baja		6,786	7,423	16,459	19,826	22,577	20,780	20,750	22,848	22,846	20,714	19,547	5,737	206,293	12,480
Ikan Campur		12,239	7,010	8,428	15,182	18,464	18,155	18,696	18,792	16,663	16,627	16,939	5,930	173,125	10,473
Kebasi/Selangat	Dorosoma chacunda	3	—	—	—	206	—	—	—	—	—	—	—	209	13
Puput	Pellona spp.	20	18	83	1,052	3,034	2,979	2,513	2,825	2,884	3,099	2,365	882	21,754	1,316
Jamah	Caranx spp.	145	30	120	120	—	—	420	450	250	200	180	100	2,015	122
Pereneong	Scaridae	4	—	8	38	64	—	60	34	54	16	115	331	724	44
Panjang	Pseudoscianena spp.	135	115	132	326	285	406	351	504	537	154	134	19	3,098	187
Pelayak	Callyodontidae	172	122	206	438	441	480	360	512	180	203	141	17	2,912	176
Impirang	Setipinna Taty	219	239	257	344	387	424	400	552	460	433	458	176	4,349	263
Bulu Ayam	Coillia spp.	220	226	278	163	174	184	189	400	298	363	380	215	3,090	187
Lumi	Harpodon Nehereus	85	62	74	655	100	100	100	—	103	—	82	39	1,400	85
Kilat	Pampus spp.	27	46	90	357	552	529	227	200	120	—	—	—	2,148	130
Merah	Lutianus spp.	77	8	23	68	41	32	638	107	100	122	1,063	73	2,352	142
Bulu	Polynemus Borneensis	—	—	—	—	60	53	50	45	15	—	—	—	223	14
Pedukang	Tachysurus Leiotetocephalus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Empirit	Clupea macrura	—	—	—	8	—	—	155	135	105	—	—	—	403	24
Ubor-Ubor	—	—	—	60	26,453	55,921	41,320	153	650	46,829	52,008	41,475	277	265,146	16,040
Ketam	Crustacea	687	553	785	430	534	577	518	576	556	539	564	590	6,909	418
Ketam Laut/Ketam Suri	Crustacea	33	80	107	93	58	62	72	47	28	32	15	23	650	39
Udang Lobok	Thenus Orientalis	—	—	—	29	15	10	14	10	6	—	14	106	204	12
Udang	Penaeus spp. Metapenaeus spp.	4,331	4,153	9,805	13,543	9,081	8,581	9,901	10,341	10,195	10,743	6,627	12,303	109,604	6,631
Payak	Parapenopsis spp.	2,688	2,916	7,513	7,426	3,494	2,876	3,215	4,254	3,366	4,965	2,617	1,816	47,147	2,852
Udang Baring	Acetus	84	121	135	395	575	78	255	312	205	212	100	4	2,477	150
Udang Galah	Macrobrachium rosenbaegi	109	133	108	95	119	120	22	137	115	103	96	82	1,239	75
Sotong	Mollusca	28	4	160	1,162	2,894	2,229	2,475	2,118	2,000	1,709	1,376	1,166	17,401	1,053
Kerang	Anadara spp.	—	—	—	—	—	—	—	—	—	—	14	15	29	2
Tokoyong	Mollusca	—	—	—	—	—	—	—	—	—	—	17	20	37	2
Lokan	Mollusca	—	—	—	—	—	—	—	—	—	5	20	16	41	3
Amabl	Mollusca	—	—	—	—	—	—	—	—	—	—	143	169	312	19
Remin	Mollusca	—	—	—	—	—	—	—	—	—	—	18	20	38	2
Jumlah (Total)	Pikul (Piculs)	43,818	46,504	73,729	126,897	171,887	152,446	115,976	122,501	163,168	165,132	141,187	53,621	1,376,866	
	M Ton (M. Tonnes)	2,651	2,813	4,460	7,677	10,399	9,222	7,016	7,411	9,871	9,990	8,541	3,244		83,295

PENDARATAN IKAN LAUT DAN UDANG MENGIKUT KUMPULAN PERKAKAS, SARAWAK

(Marine Fish and Prawn Landings by Gear Groups, Sarawak)

1973 - 1977

(Kuantiti dalam Metrik Ton - Quantity in Metric Tonnes)

Kumpulan Perkakas (Gear Group)	1973	1974	1975	1976	1977
Pukat-Pukat Tunda (Trawl Nets)	24,792.94	35,672.19	33,540.41	43,821.48	45,582.64
Jaring-Jaring Hanyut (Gill/Drift Nets)	8,869.87	9,472.62	23,355.84	20,988.69	15,238.54
Belat-Belat (Fishing Stakes)	1,857.17	2,806.64	2,829.10	1,532.67	2,343.25
Pukat-Pukat Tarik (Seine Nets)	109.71	139.15	374.65	1,754.39	1,488.93
Pukat-Pukat Tanggok/Surung (Scoop/Push/Lift Nets)	189.95	170.12	288.87	2,083.55	13,719.96
Pukat-Pukat Bakul (Bag Nets)	1,652.27	2,586.08	1,977.01	1,257.77	1,909.26
Pukat-Pukat Rentang (Barrier Nets)	61.39	119.32	638.96	472.53	386.69
Pancing (Hook/Lines)	78.98	125.36	239.14	442.59	312.34
Bubu (Traps)	185.18	241.12	476.04	439.69	416.76
Jala (Cast Nets)	336.00	158.69	—	—	—
Memungut Siput (Shellfish Collection)	—	—	212.95	306.84	27.65
Rampaian (Miscellaneous)	222.55	424.55	252.93	113.19	1,868.97
JUMLAH (TOTAL) :—	38,356.01	51,915.84	64,185.90	73,213.39	83,294.99

Perangkaan untuk 1975 dan 1976 telah dipindakan.

(Data for 1975 and 1976 are revised figures)

Bilangan Perahu-Perahu Berjentera dan Tiada Berjentera di Sarawak
(Number of Powered and Non-Powered Fishing Crafts in Sarawak)

Jadual (Table)
7.3

1970 – 1977

Tahun (Year)	Jenis Perahu (Type of Boat)	Tiada Berinjin (Non-Powered)	Injin Sangkut (Outboard Engine)	Injin Dalam (Inboard Engine)				Jumlah (Total)
				Kotaks	Membawa Ikan (Fish Carrier)	Pukat Tunda (Trawlers)	Lain-lain (Others)	
1970		1,572	881	478	81	176	349	3,537
1971		1,346	904	417	51	243	398	3,359
1972		1,287	877	405	45	433	460	3,507
1973		1,558	783	432	46	472	490	3,781
1974		1,772	1,098	368	69	479	586	4,372
1975		1,961	1,530	370	85	530	608	5,084
1976		1,836	1,537	378	82	569	538	4,940
1977		1,527	1,563	382	90	713	624	4,899

Jadual (Table)
7.4

**IMPOT DAN EKSPOT IKAN DAN HASIL-HASIL PERIKANAN
SARAWAK (1963 – 1977)**

**Import & Export of Fish & Fisheries Products in
Sarawak (1963 – 1977)**

(Kuantiti dalam Long Tons – Quantity in Long Tons)

TAHUN (YEAR)	Impot (Import)		Ekspot (Export)	
	QUANTITY (Long Tons)	VALUE C.I.P. (\$)	QUANTITY (Long Tons)	VALUE C.I.P. (\$)
1963	3,691.23	5,478,765	410.00	279,379
1964	6,156.08	6,394,123	40.28	73,813
1965	4,830.26	6,105,971	95.71	179,875
1966	4,273.40	6,498,195	31.71	55,517
1967	4,850.39	5,243,631	265.35	613,984
1968	3,244.91	3,847,232	104.47	224,546
1969	2,927.89	2,957,601	110.66	268,075
1970	2,783.89	3,171,287	272.03	609,475
1971	2,397.96	2,705,692	895.52	2,209,041
1972	2,336.82	2,744,391	1,145.34	5,301,553
1973	2,815.91	3,610,494	1,359.32	7,146,986
1974	2,077.20	3,361,652	1,518.27	6,552,236
1975	2,216.22	4,116,820	1,271.90	5,770,850
1976	1,755.45	3,853,409	2,193.55	14,512,073
1977	2,158.95	4,596,550	3,105.53	21,904,917

Jadual (Table)

7.5

SARAWAK

COMPARISON OF EXPORT FIGURES OF FISH AND FISHERIES PRODUCTS BY MONTH FOR
THE YEARS 1973, 1974, 1975, 1976 AND 1977

BULAN (MONTH)	EXPORT 1973		EXPORT 1974		EXPORT 1975		EXPORT 1976		EXPORT 1977	
	(Long Tons)	Value (M\$)	(Long Tons)	Value (M\$)	(Long Tons)	Value (M\$)	(Long Tons)	Value (M\$)	(Long Tons)	Value (M\$)
JANUARY	44.97	218,958	125.64	674,541	49.99	257,952	134.56	840,464	177.32	1,551,921
FEBRUARY	77.32	414,612	47.73	138,328	123.91	362,027	175.56	1,032,260	113.04	1,090,241
MARCH	214.09	1,065,518	280.01	992,946	105.75	431,584	195.93	1,025,499	180.36	1,547,092
APRIL	60.19	226,433	305.05	1,121,495	115.04	421,692	424.42	2,565,586	234.26	1,956,169
MAY	225.68	1,138,219	232.45	890,037	176.42	923,323	297.78	2,357,804	525.34	3,331,717
JUNE	106.06	841,564	90.28	461,036	46.45	235,347	100.95	793,463	738.78	4,456,265
JULY	133.95	543,611	217.94	1,186,395	98.59	445,281	193.71	1,547,859	192.47	1,009,866
AUGUST	90.32	434,031	52.30	256,244	197.61	966,854	119.27	858,247	255.70	1,956,844
SEPTEMBER	154.75	858,934	79.47	433,814	130.40	532,847	130.73	819,752	176.77	1,390,676
OCTOBER	115.87	597,448	29.71	126,624	62.66	226,966	123.80	751,926	248.55	1,694,394
NOVEMBER	41.30	287,817	13.01	40,401	92.48	541,553	250.20	1,667,550	201.40	1,594,190
DECEMBER	94.82	519,841	44.68	230,375	72.60	425,424	46.64	251,663	61.54	325,542
JUMLAH (TOTAL):	1,359.32	7,146,986	1,518.27	6,552,236	1,271.90	5,770,850	2,193.55	14,512,073	3,105.53	21,904,917

Jadual (Table)

7.6

SARAWAK

COMPARISON OF IMPORT FIGURES OF FISH AND FISHERIES PRODUCTS BY MONTH FOR
THE YEARS 1973, 1974, 1975, 1976 AND 1977

BULAN (MONTH)	IMPORT 1973		IMPORT 1974		IMPORT 1975		IMPORT 1976		IMPORT 1977	
	(Long Tons)	Value (M\$)	(Long Tons)	Value (M\$)	(Long Tons)	Value (M\$)	(Long Tons)	Value (M\$)	(Long Tons)	Value (M\$)
JANUARY	325.98	382,646	415.39	540,925	272.30	452,896	214.10	427,809	252.32	518,674
FEBRUARY	194.34	239,148	132.93	240,476	205.05	364,161	161.81	346,874	161.71	333,959
MARCH	223.28	265,110	106.29	164,679	121.04	254,054	135.56	302,319	241.68	549,311
APRIL	163.16	235,020	97.99	174,150	61.59	157,576	103.62	216,210	199.37	444,187
MAY	172.39	248,483	108.87	176,725	87.52	283,072	71.31	168,295	117.92	236,697
JUNE	134.32	185,324	80.33	149,731	113.38	331,477	86.98	243,492	129.79	323,588
JULY	189.90	249,676	169.35	299,966	124.50	273,398	124.97	366,956	106.84	285,724
AUGUST	256.65	308,352	94.56	186,678	142.74	271,015	112.10	265,695	187.59	400,713
SEPTEMBER	220.45	284,689	144.42	286,453	201.97	326,772	169.12	300,832	145.20	288,409
OCTOBER	265.16	371,792	150.30	261,405	263.15	379,442	192.89	375,874	194.22	370,906
NOVEMBER	304.46	368,291	309.17	426,329	455.70	705,852	185.27	408,472	244.43	449,003
DECEMBER	365.82	471,963	267.60	454,117	167.28	317,105	197.72	430,581	117.88	395,379
JUMLAH (TOTAL):	2,815.91	3,610,494	2,077.20	3,361,652	2,216.22	4,116,820	1,755.45	3,853,409	2,158.95	4,596,550

M. Ton
(M. Tonnes)

PENDARATAN UDANG OLEH PUKAT TUNDA, SABAH
(Landings of Prawns by Trawlers, Sabah)
1968 - 1977

