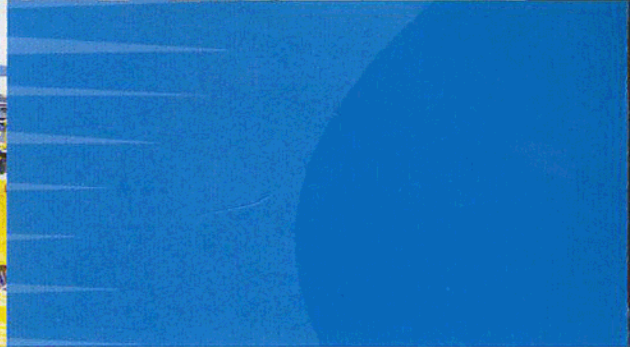




PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

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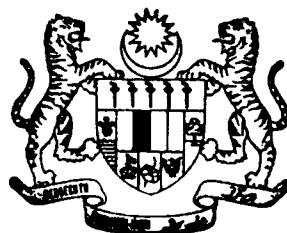
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PERANGKAAN TAHUNAN PERIKANAN
ANNUAL FISHERIES STATISTICS

1980

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PENDAHULUAN

Tujuan penerbitan ini adalah untuk memudahkan mereka mereka yang berminat tentang perusahaan perikanan diMalaysia dengan sedikit perangkaan perangkaan asas. Untuk tujuan ini kami cuba menyediakan data data yang meliputi hampir semua aspek sektor perikanan dan juga terus menerus cuba memperbaiki serta memperkembangkan lagi kelemahan kelemahan kami di masa masa yang lalu. Dengan itu penerbitan tahun ini mengandungi sedikit perangkaan perangkaan asas mengenai usaha menangkap ikan dan ternakan airtawar yang begitu berkurangan pada masa masa yang lepas. Disamping itu mutu data data berhubung dengan perikanan laut telah diperbaiki ia itu dengan adanya perlaksanaan satu bentuk kajian yang lebih baik dan berkesan pada tahun 1980.

Adalah menjadi tujuan kami untuk cuba mempersembahkan semua nya ini dalam gambaran yang mudah difahami, benar dan tepat berhubung dengan perusahaan perikanan diMalaysia semasa tahun 1980 dan kami berharap bahawa kami berjaya mencapai matlamat itu. Walau bagaimanapun kami mengalu-alukan sebarang cadangan cadangan dan teguran teguran dalam usaha usaha untuk lebih memperbaiki lagi taraf kandungan serta persembahan siri ini.

FOREWARD

The intention of this publication is to facilitate all those who have an interest in the fishing industry of Malaysia with some basic statistics. To this end we try to provide data on almost every aspect of the fisheries sector and also continuously correct and improve on our past weaknesses and shortcomings. Thus this year's edition includes some basic data on fishing effort and freshwater aquaculture which have been sorely lacking in the past. Besides, the quality of marine fisheries data have been also improved with the implementation of a better and more effective survey method in 1980.

It is our intention to try to present in a comprehensive manner a true and accurate picture of the fishing industry in Malaysia during 1980 and we hope to think we have succeeded in doing so. However, we will be only too pleased to receive suggestions and criticisms to further improve the content and presentation of this series.

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

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PEMBETULAN KEPADA PERANGKAAN TAHUNAN PERIKANAN, 1979
(Amendments to 1979 Annual Fisheries Statistics)

ULANGKAJI AM

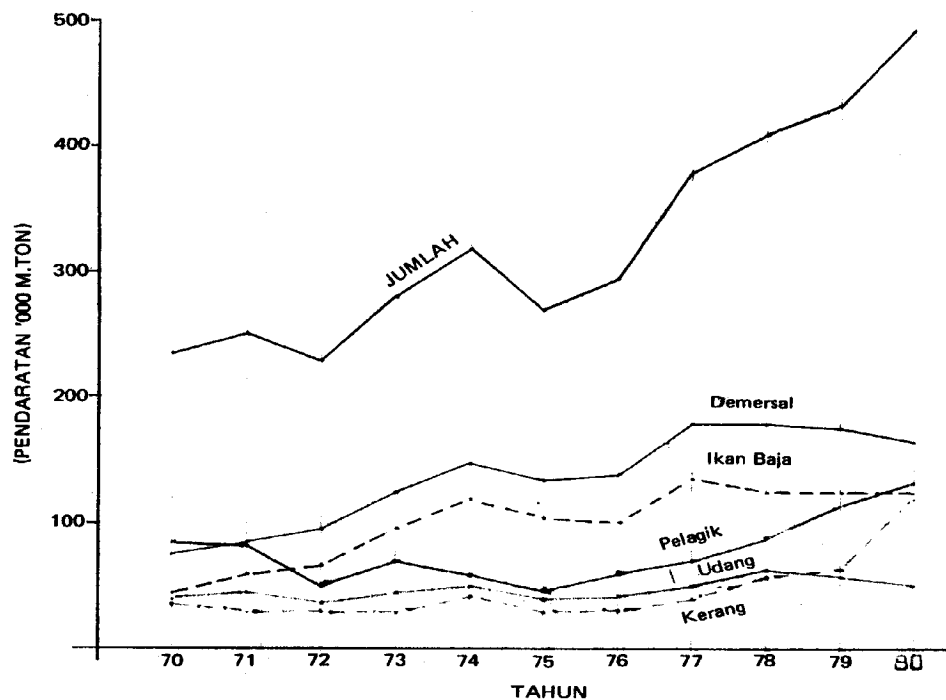
SEMENANJUNG MALAYSIA

Analisa Aliran Pendaratan dan Penternakan Perikanan Laut

Pendaratan perikanan laut sepanjang tahun 1970 an, dan dalam tahun 1980 menunjukkan satu peningkatan pada perusahaan perikanan tepi pantai di Semenanjung Malaysia yang mana telah mencapai satu peringkat dimana sebarang perkembangan selanjutnya keatas sektor perikanan akan mendatangkan akibat yang buruk. Walaupun jumlah pendaratan maseh terus meningkat, hasil penelitian pada data-data pendaratan telah membuktikan bahawa perusahaan perikanan telah melebihi titik penggunaan optima atau dengan ringkas telah lebih kurang melebihi peringkat Maximum Sustainable Yield (MSY). Sebagaimana peringkat penggunaan sumber-sumber perikanan di Pantai Barat dan di Pantai Timur adalah berbeza, dengan demikian mereka dianalisis secara berasingan.

Pantai Barat:

Perusahaan Perikanan di Pantai Barat bergantung kepada sumber ikan di Perairan Selat Melaka. Kawasan Perairan ini, walaupun sempit tetapi maseh dapat menghasilkan sumber ikan yang banyak yang mana senang didekati oleh nelayan sepanjang tahun. Mempunyai pantai yang panjang dan berhampiran dengan kemudahan-kemudahan infrastruktur yang baik dan terdapat banyak pasar-pasar utama. Penyatuan faktor-faktor ini telah menolong dengan pesatnya keatas kemajuan perusahaan perikanan ini iaitu daripada pertengahan tahun enam puluhan sehingga masa ini. Kedua-dua mekanisasi perusahaan perikanan ini dan



PANTAI BARAT: ALIRAN PENDARATAN 1970 - 80

kedatangan perusahaan pukat tunda dimasa ini telah mempercepat pertumbuhan sektor perikanan diPantai Barat. Daripada jumlah pendaratan sebanyak 234,227 tan dalam tahun 1970, pendaratan telah bertambah sebanyak 111% kepada 493,495 tan dalam tahun 1980. Walaubagaimanapun apabila jumlah pendaratan ini dianalisa mengikut jenis sumber-sumber ikan, gambaran yang ujud adalah menjadi perhatian serius kepada ahli-ahli perancang dan pengurusan perikanan.

Pendaratan ikan demersal yang mana telah bertambah dengan baik, memberi keadaan turun naik, seterusnya pada tahun-tahun 1970 an dan sampai kepuncaknya dalam tahun 1977, tetap stabil dengan langsung tiada peningkatan dalam tahun 1978 dan pada dua tahun kebelakangan ini adalah diperingkat kejatuhan. Bukan itu sahaja, ikan baja komponen dari pendaratan ikan demersal yang mana hitung panjang menjadikan jumlah pendaratan ikan demersal lebih kurang 73% disepanjang tahun-tahun 1970 an, ini juga merosot walaupun kemerosotan ini hanya sedikit sahaja. Apa yang juga menarik perhatian ialah pendaratan udang yang mana telah mula merosot selepas tahun 1978. Tahun 1978 ini merupakan tahun terpenting bagi kedua-dua pendaratan ikan demersal dan udang, sebagaimana sepanjang tahun ini kedua-dua sumber ini telah bermulanya kemerosotan. Aliran ini terlalu buruk disebabkan perikanan pukat tunda, dimana perusahaan perikanan utama diPantai Barat, bergantung sepenuhnya keatas sumber-sumber ikan demersal dan udang. Manakala dalam tahun 1978 pendaratan pukat tunda mengandungi kira-kira 54% dari jumlah pendaratan diPantai Barat, dalam tahun 1980 hanya kira-kira 29% sahaja jumlah pendaratan didaratkan oleh pukat tunda.

Bahagian Hitong Panjang bagi Maximum Sustainable Yield (MSY) untuk ikan demersal sebanyak 110,000 tan dan pendaratan diPantai Barat telah mencapai keperingkat ini dalam tahun 1972. Walaupun penyekatan keatas bilangan alat perkakas baru yang memasuki perusahaan perikanan telah berjalan semenjak tahun 1973, tetapi kawalan keatas lain-lain usaha menangkap ikan langsung tidak diambil. Perairan Selat Melaka adalah terlalu sempit, rendah kandungan sumber perikanan dibahagian yang dalam, dan bersempadan pula dengan pinggir laut Indonesia oleh itu menghadkan perkembangan perusahaan perikanan. Untuk kumpulan bot-bot ikan ini terus hidup, daya usaha yang lebih intensif hendaklah dijalankan iaitu dengan pergi kelaut lebih lama dan menambahkan masa menunda. Tindakan ini telah melipat gandakan usaha menangkap ikan dikawasan ini. Ini adalah benar terutamanya bagi perikanan pukat tunda. Keputusannya pendaratan ikan telah bertambah walaupun sejumlah besar (kira-kira 73%) adalah ikan baja. Pertambahan dalam usaha ini semenjak tahun 1973 sangat memberi kesan yang negatif keatas sumber tersebut seperti yang dijangkakan dan kemerosotan sejak dua tahun yang lalu berturut turut menandakan penangkapan ikan yang berlebihan. Sekiranya tiada kawalan dijalankan untuk menyekat keadaan ini kesemua sumber ikan demersal iaitu asas perikanan terutamanya perikanan pukat tunda kemungkinan akan terhapus dalam sedikit masa yang akan datang.

Perikanan pukat tunda mempunyai keupayaan untuk terus hidup dibawah keadaan ini disebabkan oleh udang. Tetapi MSY udang juga, yang mana telah menganggarkan antara 35,000 – 40,000 tan telahpun melebihi dalam tahun 1977. Walaupun pendaratan udang telah meningkat melebihi 40,000 tan dalam menuju ketahun 1977, dan mencapai kemuncaknya dalam tahun 1978 dan dua tahun kebelakangan ini kemerosotan telah berlaku. Kemungkinan aliran seperti ini akan terus berlanjutan hingga tahun 1981 dan ini tidak memberi pusingan yang baik kepada perikanan pukat tunda dimana ini adalah perikanan terutama diPantai Barat. Memandangkan keadaan kemerosotan didalam pendaratan ikan demersal dan udang, tindakan sewajarnya patutlah diambil untuk mengatasi kemerosotan ini sebelum sebarang tindakbalas yang buruk berlaku keatas perusahaan perikanan diPantai Barat.

Didalam hal sumber-sumber ikan pelagik, ia adalah sumber yang bermusim dan berpindah-pindah (migratory), kemungkinan terjadi kelebihan — penggunaan tidak mungkin berlaku. Walau bagaimanapun ini tidak mengubah kenyataan bahawa aliran seperti pendaratan ikan demersal juga berlaku kepada pendaratan ikan pelagik. Anggaran MSY untuk ikan pelagik di Pantai Barat adalah 81,000 tan dan peringkat ini telah berlebihan dalam tahun 1967. Tetapi jenis-jenis ikan pelagik secara semulajadi berpindah-pindah dan oleh sebab itu ia terus berubah-ubah dibawah dan diatas peringkat anggaran MSY. Untuk jangkamasa lima tahun iaitu 1967—1971 pendaratan ikan pelagik telah samada diatas atau berada diperingkat MSY dan kemudian merosot untuk jangkamasa enam tahun (1972 — 1977). Pendaratan ikan pelagik sekali lagi bertambah mengatasi peringkat MSY dalam tahun 1978 dan maseh terus bertambah sehingga tahun 1980. Sekiranya pusingan dimasa yang lalu diambil sebagai asas untuk menganggarkan, terdapat kemungkinan besar pendaratan ikan pelagik terus bertambah sehingga tahun 1982 dan selepas itu akan berkurangan dalam tahun 1983. Tidak seperti usaha menangkap ikan dalam sumber ikan demersal, bagi sumber-sumber ikan pelagik ia bergantung kepada keadaan musim. Sekiranya keadaan musim baik bilangan yunit menangkap ikan akan bertambah dan sebaliknya, apabila keadaan musim menjadi buruk. Dibawah keadaan seperti ini kemungkinan penggunaan berlebihan adalah amat jauh. Pada masa ini perusahaan perikanan yang menguntungkan dari keadaan musim yang baik bagi ikan pelagik adalah pukat jerut & pukat jenis hanyut.

Lain-lain perusahaan perikanan yang besar diPantai Barat ialah perusahaan kerang. Walaupun perusahaan ini juga turun naik mengikut turun naik dalam benih-benih kerang, semenjak tahun 1976 ternakan kerang telah berkembang secara beransur-ansur. Bagaimanapun tahun 1980 merupakan tahun yang mengaibkan kerana pengeluaran kerang bertambah begitu pesat iaitu 91% melebihi tahun 1977 kepada 121,269 tan dalam tahun 1980. Pertambahan yang besar ini mungkin belaku disebabkan faktor-faktor berikut:—

- (i) musim yang baik bagi benih-benih kerang diakhir tahun 1979 dan mungkin juga pada tahun 1980.
- (ii) bertambah keluasan ternakan kerang dalam tahun 1979 dan 1980.
- (iii) lapuran pengeluaran daripada kawasan ternakan kerang secara haram pada tahun 1979 merupakan anggaran yang kecil.

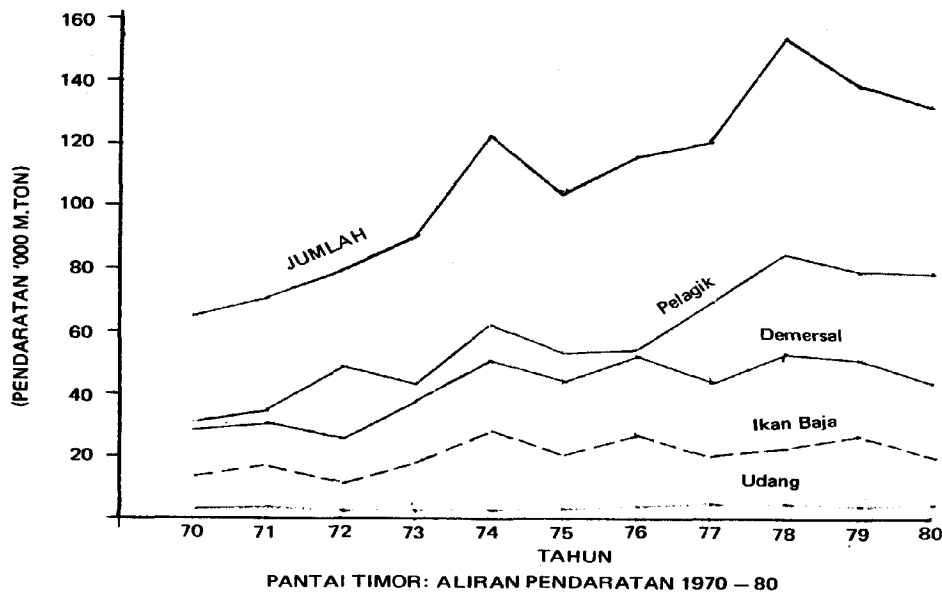
Aliran dalam industri kerang akan kekal kecuali terdapat benih-benih kerang yang tidak baik dalam tahun 1981 atau dalam tahun-tahun kebelakangan ini.

Perusahaan kecil yang lain ialah krustesea dan moluska juga turun naik pada tiap-tiap tahun tetapi ini tiada kemungkinan perubahan yang nyata keatas pendaratannya. Pada masa ini aliran seperti ini mungkin berterusan.

Pantai Timor:

Berbanding dengan Pantai Barat Perikanan diPantai Timor tidak menjalankan penangkapan ikan secara intensif seperti diPantai Barat. Walaupun terdapat sebahagian besar perkembangan dalam sektor perikanan disini semenjak tahun 1970 an, kadar pembangunannya adalah lambat berbanding dengan Pantai Barat. Jumlah pendaratan diPantai Timur telah bertambah dua kali ganda iaitu 101% daripada 64,777 tan dalam tahun 1970 kepada 130,403 tan dalam tahun 1980.

Perkembangan mengikut jenis hasil adalah dianalisis seperti dibawah:—



Pendaratan ikan Demersal diPantai Timur telah turun naik dalam lingkungan 50,000 tan sejak tahun 1974. Bagaimanapun, dalam tahun 1980 pendaratan ikan demersal telah merosot kepada lingkungan 40,000 tan. Bahagian Penyelidik menganggarkan pada MSY bagi sumber ikan demersal diPantai Timur adalah lebih kurang 95,000 – 100,000 tan dan 50,000 tan pendaratan setiap tahun adalah jauh lebih rendah dari anggaran MSY untuk menandakan kelebihan penangkapan ikan. Tetapi satu faktor yang patut diambil kira ialah kebanyakan sumber ikan yang didaratkan oleh pukat tunda Thai diPantai Timur tidak diambil kira dalam taksiran MSY ini. Sekiranya tangkapan Thai ini diambil kira untuk pertimbangan dengan itu pendaratan diPantai Timur pada masa ini akan menghampiri anggaran MSY rendah iaitu 95,000 tan. Walaupun pendaratan ikan demersal telah berkurangan sejak tahun 1979 dan tahun 1980, keadaan ini akan berubah dalam tahun 1981 tetapi kemungkinan pendaratan ikan demersal melebihi peringkat 50,000 tan adalah agak jauh dimasa akan datang.

Udang sangat berkurangan dalam tahun 1979 dan 1980 selepas mencapai puncaknya dalam tahun 1978. Anggaran MSY hasil udang ialah antara 5,000 – 6,000 tan setahun dan pendaratan pada masa ini adalah diantara 3,500 – 4,000 tan setiap tahun, tidak termasuk yang ditangkap oleh pukat tunda Thailand menandakan bahawa penggunaan sumber udang mendekati peringkat MSY, dan kemungkinan melebihi MSY sangatlah kecil, sebagaimana udang diPantai Timur mempunyai musim dengan semula jadi dan kegiatan sektor perikanan keatas udang adalah kurang intensif.

Memandang kepada keadaan dalam sumber ikan demersal dan udang sesuatu keputusan dapat dicapai dimana prospek perkembangan sektor perikanan berdasarkan kepada sumber-sumber ini, iaitu pukat tunda, adalah kurang baik dalam kawasan menangkap ikan yang berhampiran pantai pada masa ini. Prospek keatas perairan laut lepas juga amat sedikit.

Walaupun anggaran sumber-sumber dalam laut China Selatan oleh F.A.O. menandakan banyak terdapat sumber-sumber dikawasan itu, sejumlah besar sumber-sumber ini telah bertumpu keperairan tepi pantai-pantai Timur dimana telah dijalankan penangkapan ikan secara meluas. Apa-apa sumber-sumber yang sedia ada dikawasan perairan laut dalam telah di tangkap oleh pukuk-pukuk tunda Taiwan pada masa tahun 1970 an dan mereka keluar pada akhir tahun 1970 an dan digantikan oleh pukuk tunda Thai yang maseh menangkap ikan disana sehingga masa ini.

Kebiasaan kemasukan oleh pukuk tunda Thai ini kedalam kawasan tepi pantai menandakan kurangnya sumber-sumber dikawasan laut dalam. Sebenarnya percubaan-percubaan yang dibuat baru-baru ini bagi penangkapan dalam kawasan laut dalam oleh nelayan tempatan sedikit sebanyak telah mengakui kenyataan ini. Kenyataan ini diikuti dengan kajian penyelidikan yang dijalankan baru-baru ini menandakan prospek perkembangan sektor perikanan yang melebihi hadnya tidak menggalakkan.

Dalam hal pendaratan ikan pelagik telah berlaku keadaan turun naik dan ini adalah semula jadi kerana jenis ikan pelagik bukanlah satu sumber yang bermastautin disatu kawasan. Bagaimanapun, pendaratan ikan pelagik telah sepenuhnya mencapai kemuncak dalam tahun 1978 tetapi dua tahun kebelakangan ini telah berlaku kemerosotan. Bagaimanapun, data yang terdahulu menunjukkan bahawa keadaan akan kembali semula keatas pendaratan ikan pelagik dalam tahun 1981. Seperti anggaran MSY adalah 56,000 — 75,000 tan, kemungkinan pendaratan ikan pelagik dalam beberapa tahun akan naik melewati paras MSY.

Bagi krustasea lain dan moluska kandungan mereka dalam jumlah pendaratan adalah sangat kecil untuk mempengaruhi aliran pendaratan ikan diPantai Timur.

Pendaratan & Penternakan Perikanan Laut — 1980

Jumlah pendaratan penternakan perikanan laut dalam tahun 1980 adalah 623,898 tan iaitu 90% bertambah melebihi tahun 1979. Kedudukan yang baik dalam tahun 1980 adalah pokok utama dimusim yang baik bagi ikan pelagik dan kerang diPantai Barat dalam tahun 1980. Perlakuan kumpulan-kumpulan besar yang lain seperti ikan demersal dan udang adalah buruk. Pendaratan ikan demersal berkurangan 8% dalam tahun 1980 iaitu daripada 225,230 tan dalam tahun 1979 kepada 208,459 tan dalam tahun 1980, sementara udang berkurangan 9% daripada 60,426 tan dalam tahun 1979 kepada 54,741 tan dalam tahun 1981. Diantara kumpulan-kumpulan yang kecil, ketam berkurangan 9% dari 3,851 tan dalam tahun 1979 kepada 3,504 tan dalam tahun 1980, sementara pendaratan sotong dan sotong katak berkurangan 24% dari 15,868 tan dalam tahun 1979 kepada 12,078 tan dalam tahun 1980.

Seperti yang telah diberitahu pada awalnya hanya ikan pelagik dan kerang mempunyai musim yang baik dalam tahun 1980. Pendaratan ikan pelagik meningkat 9% dari 193,035 tan dalam tahun 1979 kepada 210,916 tan dalam tahun 1980, sementara pengeluaran kerang bertambah dengan dahsyatnya iaitu 91% dari 63,412 tan dalam tahun 1979 kepada 121,271 tan dalam tahun 1980. Diantara kumpulan kecil yang menunjukkan pertambahan dalam tahun 1980 adalah udang baring yang mana meningkat 35% dari 7,897 tan didalam tahun 1979 kepada 10,621 tan dalam tahun 1980, dan lain-lain moluska telah bertambah 79% dari 1,186 tan dalam tahun 1979 kepada 2,121 tan dalam tahun 1980.

Pendaratan Pantai Barat:—

Pendaratan di Pantai Barat bertambah 14% dalam tahun 1980 daripada 432,347 tan dalam tahun 1979 kepada 493,495 tan dalam tahun 1980. Sebab-sebab bertambahnya pendaratan ditahun ini ialah bersambungunya musim yang baik untuk ikan pelajik dan pertambahan yang amat dahsyat dalam pengeluaran kerang. Pendaratan ikan pelajik dan kerang telah bertambah 16% dan 91% masing-masing dalam tahun 1980. Kesemua lain-lain pendaratan berkurang dalam tahun 1980. Pendaratan Ikan demersal berkurangan 5%, udang 10% dan lain-lain secara kecil-kecilan iaitu krustesea dan moluska 2%. Walaubagaimanapun pengurangan ini tidak begitu besar untuk mengurangkan jumlah pendaratan di Pantai Barat dalam tahun 1980.

Musim yang baik bagi ikan pelajik telah menyebabkan bertambah banyaknya jenis-jenis ikan pelajik seperti, ikan-ikan selar, selayang, tamban, tongkol/aya dan kembong. Pengecualian adalah pada ikan bilis, ikan-ikan cencaru, selar kuning, bawal dan tenggiri dimana berkurangan dalam tahun 1980. Walaupun begini, pertambahan dalam lain-lain jenis yang penting adalah mencukupi bagi menampung pertambahan 16% dalam tahun 1980 melebihi tahun 1979. Aliran ini dalam pendaratan ikan pelajik telah berlalu sejak ia bermula dalam tahun 1976, walaupun tahun 1980 bertambah jauh lebih sedikit daripada 31% pertambahan dalam tahun 1979.

Seperti hasil keatas musim yang baik bagi ikan pelajik pukat jerut dan pukat jenis hanyut dalam sektor perikanan mendapat musim kejayaan yang berbeza dalam tahun ini. Pendaratan pukat jerut dan pukat jenis hanyut bertambah 17% dan 18% masing-masing dalam tahun 1980 melebihi tahun 1979.

Industri penternakan kerang menunjukkan satu pertambahan yang menggalakkan dalam tahun 1980. Sebanyak 91% pertambahan dalam pengeluarannya iaitu 64,596 tan dalam tahun 1979 kepada 123,391 tan dalam tahun 1980 adalah disebabkan benih-benih kerang yang baik dalam tahun 1979 dimana hasil dari bertambahnya kawasan untuk ternakan pada penghujung tahun lalu, dan juga sebahagiannya disebabkan lapuran yang tidak lengkap keatas pendaratan kerang pada awal-awal tahun. Memperbaiki didalam sistem pengumpulan data dalam tahun 1980 termasuk kawasan kerang yang tidak berlesen adalah faktor utama keatas peningkatan yang besar didalam pengeluaran kerang pada tahun 1980.

Kecuali ikan pelajik dan kerang, terdapat pengurangan dalam dua sumber-sumber utama yang lain, iaitu ikan demersal dan udang. Pendaratan ikan demersal merosot dalam tahun 1980 iaitu 5% sementara udang merosot sebanyak 10%. Dalam tahun 1979 kedua-dua jenis ini merosot 2% dan 10% masing-masing. Dalam kumpulan ikan demersal jenis-jenis utama yang berkurangan ialah ikan-ikan gelama, lidah, duri, kerisi, kerapu, malong, merah dan mengkarong. Jenis-jenis yang disenaraikan disini lebih kurang termasuk semua jenis ikan-ikan demersal didalam negeri. Ikan baja, yang mana merupakan lebih kurang 78% dari pendaratan ikan demersal, tinggal tetap dengan 0.5% pertambahan dalam tahun 1980, yang mana komponen ikan untuk dimakan dari pendaratan ikan demersal merosot begitu ketara iaitu 19%. Kedudukan keatas udang tiada perbezaan. Berkurangan 19% pada ikan demersal untuk dimakan dan 10% berkurangan dalam pendaratan udang adalah pengaruh besar dalam sektur perikanan pukat tunda dimana ia bergantung sepenuhnya keatas kedua jenis sumber ini untuk terus hidup. Pukat tunda, dimana kira-kira 84% jumlah pendaratan ikan demersal mengalami 8% keseluruhan kemerosotan dalam tahun 1980 melebihi tahun 1979 membawa kira-kira 3% berkurangan dalam pendaratan ikan demersal sendiri dan 23% berkurangan

keatas pendaratan udang. Alat perkakas utama yang lain dalam tangkapan ikan demersal dan udang seperti pukot bakul, juga berkurangan sebanyak 10% dalam tahun 1980. Juga perusahaan perikanan secara kecil-kecilan seperti belat-belat dan pancing dimana merosot sebanyak 48% dan 14% masing-masing dalam tahun 1980 melebihi tahun 1979. Bagaimanapun sektor perikanan ini berupaya untuk terus hidup melalui pendaratan yang tinggi nilainya berpandukan ikan yang tinggi harganya.

Diantara usaha secara kecil-kecilan pada krustesea dan moluska, ia juga berkurangan kira-kira 2% dalam tahun 1980. Bagaimanapun ia terlalu kecil bagi mempengaruhi sebarang jumlah pendaratan.

Pendaratan Pantai Timur

DiPantai Timur jumlah pendaratan berkurang sebanyak 6% dari 138,558 tan dalam tahun 1979 kepada 130,403 tan dalam tahun 1980. Pendaratan ikan pelajik telah menurun sebanyak 0.7% dalam tahun 1980. Kemerosotan ini telah membawa kepada berkurangnya sebilangan besar species ikan pelajik yang utama seperti ikan tongkol/aya, tamban, bilis, cencaru, selar, selar kuning dan selayang. Pengecualian hanya pada ikan kembong dan ikan tenggiri. Kedua-dua jenis ini bertambah 40% dalam tahun 1980 dan adalah musimnya dimana telah membantu mencegah dari penurunan yang besar keatas jumlah pendaratan ikan pelajik dalam tahun 1980. Perkara sebaliknya didalam perusahaan perikanan telah dialami melalui pengurangan dalam ikan pelajik iaitu pukot jerut dan pukot tangguk dimana merosot sebanyak 6% dan 24% masing-masing. Pengecualian adalah kepada alat menangkap ikan seperti jenis pukot hanyut dimana 54% bertambah dalam pendaratan, terutama membawa kepada musim yang baik keatas ikan-ikan tongkol/aya, kembong dan tenggiri.

Jenis-jenis ikan Demersal menerima akibat buruk pada tahun 1980 dengan pengurangan pendaratan sebanyak 15%. Walaupun sedikit daripada jenis ikan demersal yang utama seperti ikan-ikan biji nangka, gelama dan kerisi mengalami tahun yang buruk, komponen ikan untuk makanan dari pendaratan ikan demersal adalah tetap dengan keseluruhan pertambahan sebanyak 1% pada tahun 1980. Kemerosotan yang besar dalam pendaratan ikan demersal adalah bagaimanapun disebabkan kemerosotan keatas pendaratan kumpulan ikan baja. Ikan baja, dimana merupakan 44% daripada jumlah pendaratan ikan demersal, menurun begitu ketara sebanyak 30% dalam tahun 1980. Perikanan yang terlibat adalah pukot tunda dengan itu ia telah menyebabkan kemerosotan pendaratan pukot tunda sebanyak 30% dalam tahun 1980. Pengurangan pada keseluruhan pendaratan diPantai Timor pada tahun 1980 adalah disebabkan berkurangnya pendaratan pukot tunda, dimana pukot tunda merupakan 26% daripada jumlah pendaratan diPantai Timor.

Diantara kumpulan-kumpulan yang kecil udang telah merosot sebanyak 2% manakala lain-lain krustacea dan moluska bertambah sebanyak 2%.

Nilai Pendaratan & Penternakan Perikanan Laut

Walaupun jumlah pendaratan telah bertambah sebanyak 9% dalam tahun 1980, nilai barangannya bagaimanapun telah menurun 1% daripada \$988 juta dalam tahun 1979 kepada \$978 juta dalam tahun 1980. Kemerosotan keatas nilai ini, walaupun pertambahan dalam pendaratan, telah menyebabkan penurunan keatas pendaratan ikan berharga tinggi dan udang.

Bagaimanapun pendaratan ikan berharga rendah telah bertambah dengan jumlah yang besar bagi menampung sebarang penurunan yang serius keatas nilai pendaratan dalam tahun 1980. Ini adalah jauh lebih tinggi keatas peningkatan harga secara umum pada kebanyakan ikan dan udang.

Pendaratan ikan Gred I menurun sebanyak 12% dalam tahun 1980. Ikan-ikan didalam kategori ini, walaupun merupakan hanya 8% dari jumlah pendaratan, ia dikira sebagai 30% keatas jumlah nilai. Walaupun begitu pertambahan 8% didalam yunit harga, penurunan dalam pendaratannya telah menyebabkan penurunan jumlah nilai pendaratan dalam tahun 1980. Ikan gred II juga menurun sebanyak 10% dalam tahun 1980. Bagaimanapun penambahan kepada jumlah kuantiti dan nilai adalah hanya kecil iaitu 2% dimana ia tidak memberi sebarang akibat yang serius keatas jumlah nilai. Pengecualian adalah kategori ikan gred III, pendaratannya bertambah sebanyak 7% dalam tahun 1980. Kategori ini adalah merupakan 39% dari jumlah pendaratan dan 27% dari jumlah nilai pertambahan pendaratannya disamping pula dengan pertambahan 5% didalam yunit harganya dapat menolong menahan dari sebarang kemerosotan yang serius didalam jumlah nilai pendaratannya.

Pendaratan keatas udang besar juga merosot sebanyak 9% dalam tahun 1980. Walaupun udang besar merupakan jumlah yang kecil iaitu 1% daripada jumlah pendaratan, ia dikira sebagai 10% daripada jumlah nilai. Walaupun pertambahan 4% dalam yunit harganya, penurunan dalam pendaratannya adalah agak besar untuk menyebabkan penurunannya dalam nilai yang didaratkan. Udang sederhana sangat berkurangan sebanyak 23% dalam tahun 1980. Disamping ini, yunit harganya juga sedikit menurun iaitu 0.2% kategori udang seperti ini merupakan 3% dari jumlah pendaratan dan 13% dari jumlah nilai, penurunan ini dalam pendaratan dan harganya membantu mengurangkan jumlah nilai pendaratan dalam tahun 1980. Pengecualian hanya pada udang kecil, pendaratannya dimana bertambah sedikit iaitu kurang daripada 1%. Walaupun mereka mengatakan 5% dari jumlah pendaratan dan 10% dari jumlah nilai, pertambahan kecil dalam pendaratannya tidak banyak membantu menahan kemerosotan dalam jumlah nilainya walaupun 6% pertambahan didalam yunit harganya. Dengan adanya pertambahan yang besar dalam pendaratan mereka, mereka telah dapat membantu mengatasi kemerosotan didalam pendaratan udang besar dan udang sederhana.

Ikan baja walaupun merupakan 23% dari jumlah pendaratan, bagaimanapun dikira hanya sebilangan kecil iaitu 2% daripada jumlah nilai. Kumpulan pendaratan ini merosot sebanyak 5% dalam tahun 1980 dan yunit harganya juga menurun sebanyak 18%. Bagaimanapun bantuannya kepada jumlah nilai adalah terlalu kecil untuk memberi akibat yang serius kepada jumlah nilai pendaratan.

Siput-siput (98% adalah kerang) merupakan 2% dari jumlah pendaratan tetapi hanya 6% dari jumlah nilai. Dalam tahun 1980, harga siput menurun sebanyak 24% daripada \$0.41 sekati *kepada \$0.31 sekati.

Bagaimanapun pendaratannya bertambah sebanyak 91% telah meninggikan nilai yang didaratkan iaitu sebanyak 44%. Pertambahan yang besar keatas nilai ini adalah sebab mengapa kemerosotan didalam jumlah nilai hanya cuma sedikit sahaja iaitu 1% pada tahun ini.

1 Kg. = 1.6535 Kati

Perdagangan Luar Negeri Dalam Barangan Perikanan

Aliran perdagangan ikan pada tahun 1980 adalah sama seperti tahun-tahun kebelakangan dimana impot telah melebihi eksport dari segi kuantiti manakala dari segi nilai eksport telah melebihi impot. Jumlah impot pada tahun 1980 adalah 139,819 metrik tan bernilai \$130 juta dan eksport adalah 115,206 metrik tan bernilai \$243 juta. Walaubagaimanapun kekurangan dalam perdagangan ikan sebanyak 24,613 metrik tan dari segi kuantiti telah diimbangkan oleh kelebihan sebanyak \$113 juta dari segi nilai pada tahun 1980.

Ada juga sedikit perubahan dalam perdagangan ini pada tahun 1980 apabila dibandingkan kepada tahun 1979. Jumlah impot dalam tahun 1980 telah menurun sebanyak 12% dari segi kuantiti walaupun dalam nilainya penurunan ini adalah kecil sahaja. Jumlah eksport juga telah menurun sebanyak 8% dalam kuantitinya dan 21.5% dalam nilainya pada tahun 1980.

Perdagangan ini apabila dianalisis dari segi nilainya didapati impot-impot utama pada tahun 1980 adalah: Pengeluaran ikan mengetin (\$47 juta atau 36%), ikan basah atau di sejukkan (\$30 juta atau 23%), tepung ikan (\$15 juta atau 11%) dan udang basah atau disejukkan (\$11 juta atau 9%). Manakala pengeluaran-pengeluaran ikan mengetin adalah diimpot dari negeri Jepun, lain-lain impot utama kebanyakannya diimpot dari negeri Thai.

Eksport-eksport utama pada tahun 1980 adalah: udang beku (\$79 juta atau 32%), pengeluaran ikan yang disediakan yang tidak ditinkan (\$55 juta atau 23%), pengeluaran ikan yang ditinkan (\$54 juta atau 22%) dan ikan basah atau disejukkan (\$17 juta atau 7%). Ugang beku kebanyakan dieksport kenegeri Jepun dan United Kingdom, pengeluaran ikan yang disediakan ke United Kingdom dan Amerika Syarikat, ikan basah atau disejukkan ke Singapura, dan pengeluaran ikan yang ditinkan ke United Kingdom, Sweden, Canada, German Barat dan Switzerland.

Dari maklumat diatas, ada didapati negara-negara utama yang ada perhubungan perdagangan utama dengan Semenanjung Malaysia iaitu Negeri Thai, Jepun, Singapura dan United Kingdom.

SABAH

Pendaratan Pada Tahun 1980

Sabah telah memulakan tekat baru dengan satu penurunan dalam pendaratannya sebanyak 18%. Oleh kerana tiada perubahan dalam bilangan yunit yang diusahakan, penurunan besar ini mungkin disebabkan oleh musim menangkap ikan yang kurang baik.

Jumlah pengeluaran ikan dalam tahun 1980 adalah 34,500 metrik tan. Dari jumlah ini 5% atau 1,800 metrik tan adalah ikan-ikan airtawar. Baki 95% pendaratan ini adalah dari sektor perikanan laut. Pendaratan ikan laut adalah terdiri daripada 24,400 metrik tan ikan 7,500 metrik tan krustasia, 100 metrik tan moluska dan 700 metrik tan lain-lain hidupan laut, kecuali ikan airtawar, slopmouths dan pearls, shells dan corals dan lain-lain. Semua jenis ikan-ikan yang lain telah menurun dalam pendaratan mereka pada tahun 1980. Penurunan besar adalah dalam pendaratan moluska (90%), Herrings, Sardines, Anchorves dan lain-lain (62%) dan sharks, rays (53%). Pendaratan yang kurang memuaskan ini juga dilihat dalam nilai pendaratan yang telah menurun sebanyak 12% dari \$120 juta pada tahun 1979 kepada \$106 juta pada tahun 1980.

Perdagangan Luar Negeri Dalam Barangan Perikanan

Seperti di Semenanjung Malaysia, Sabah juga adalah sebuah negeri pengimport ikan bersih dari segi kuantiti dan pengeksport ikan bersih dari segi nilai. Jumlah import pada tahun 1980 adalah 11,136 metrik tan bernilai \$22 juta dan jumlah eksport pada tahun yang sama adalah 3,588 metrik tan bernilai \$35 juta. Apabila dibandingkan dengan tahun 1979, import telah meningkat dalam kedua-dua kuantiti (iaitu 3,417 metrik tan atau 44%) dan nilai (iaitu \$9 juta atau 72%). Walau bagaimanapun eksport telah menurun dalam kedua-dua kuantiti (iaitu 672 metrik tan atau 18%) dan nilai (iaitu \$10 juta atau 22%).

Import-import utama pada tahun 1980 adalah ikan-ikan yang ditinkan, persediaan-persediaan krustasia dan moluska yang ditinkan dan tepung ikan. Manakala eksport-eksport utama adalah udang beku, udang basah atau disejukkan dan ikan beku.

GENERAL REVIEW

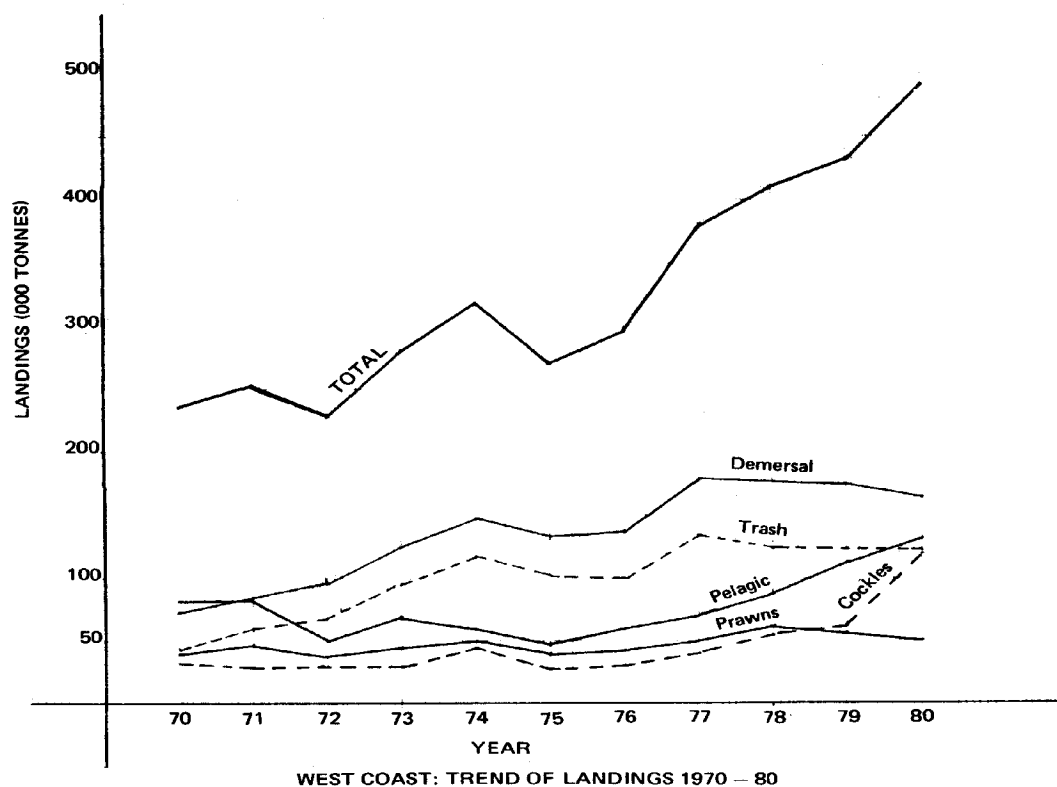
PENINSULAR MALAYSIA

Trend Analysis of Marine Fisheries Landings and Cultures

Marine fisheries landings through the 1970s to 1980 show the growth of Peninsular Malaysian coastal fisheries to have reached a level where any further expansion of the fisheries could lead to a disastrous outcome. Though the total landings are continuing to increase, a closer look at the landing data reveals a fishery that is beyond the point of optimum exploitation or, in short, has more or less surpassed the level of Maximum Sustainable Yield. As the level of exploitation of the fisheries on the West and East Coast are different they are therefore analysed separately.

West Coast

The West Coast Fisheries are dependent on the fish resources of the Malacca Straits. This stretch of water, though narrow, is reasonably abundant in fish resources easily accessible to fishermen throughout the year and has a long coastline which is bordered by good infrastructure and numerous urban markets. These combination of factors have contributed to the tremendous growth of the fishery here from the mid 60s to the present time. Both mechanization of the fishing industry as well as the advent of the trawler during this period expedited growth of the fisheries on the West Coast. From a total landings of 234,227 tonnes in 1970, landings have increased by 111% to 493,495 tonnes in 1980. However, when the total landings are analysed by type of fish resource the picture that emerges gives rise to serious concern to both fisheries planners and managers.



The demersal fish landings which has been increasing, given natural fluctuations, throughout the 1970s reached a peak in 1977, remained stable with almost zero growth in 1978, and for the last two years has been on the decline. Not only that, the trash fish component of demersal fish landings which on the average constituted about 73% of the total demersal fish landings during the 1970s, is also declining, though the decline is only marginal. What is also interesting is that the prawn landings have also begun to decline after 1978. Thus 1978 becomes an important year for both demersal fish and prawn landings as it was the year during which both these resources began to decline.

This trend is very disturbing because the trawl fishery, which is the most important fishery on the West Coast, relies almost exclusively on the demersal fish and prawn resources. Whereas in 1978 trawl landings accounted for 54% of total landings on the West Coast, in 1980 it only accounted for 29% of total landings.

Estimates of the Maximum Sustainable Yield (MSY) for demersal fish is estimated at 110,000 tonnes and the West Coast landings had already reached this level in 1972. Although there was some restraint in the number of new vessels entering the fishery since 1973, there was almost complete lack of control over other forms of fishing effort. The Malacca Straits is such that it is narrow, with low density of fish resources in the deeper parts, and bordered by the Indonesian coastline on the other side, and as such the scope for the expansion of the fishery is limited. In order to survive, the fishing fleet intensified its effort by going on longer trips and increasing its hauling time as the catch rates declined. This action almost doubled the fishing effort in this area. This was especially true of the trawl fishery. This resulted in increased landings though the bulk of it (about 73%) was trash fish. This increase in effort since 1973 definitely had a negative effect on the resources as expected and the decline during the last two years consecutively is an indication of over fishing. If no control is exercised to halt this trend the whole demersal fish resource based fisheries, especially the trawl fishery, may collapse in the near future.

The trawl fishery has been able to survive under these circumstances largely due to prawns. But even the MSY of prawns, estimated at 35,000 – 40,000 tonnes, had been surpassed in 1977. Though prawn landings have fluctuated slightly above 40,000 tonnes in the years preceeding 1977, they reached a peak in 1978 and during the last two years they have been declining. The chances are this trend is likely to continue in 1981 and this does not auger well for the trawl fishery which is the main stay of the West Coast fishery. In view of the deteriorating situation in the demersal fish and prawn landings, there has to be some serious action to halt this decline before any irreversible damage is done to the West Coast fisheries.

In the case of the pelagic resources, being a seasonal as well as migratory resource, their chances of being over-exploited is less likely. However this does not remove the fact that trends similar to the demersal landings are also evident in pelagic landings. The estimated MSY for pelagic fish on the West Coast is around 81,000 tonnes and this level was exceeded in 1967. But pelagic species by nature are migratory and therefore there have been continuous fluctuations below and above the estimated MSY level. For a period of five years, 1967 – 1971, pelagic landings have been either above or around the MSY level and thereafter declined for a period of six years (1972 – 1977). Pelagic landings again increased above the MSY level in 1978 and have continued to increase until 1980. If the past cycles are taken as a basis for estimation, then by all probability pelagic landings may continue to increase until 1982 and thereafter decline in 1983. Unlike demersal fish resources, fishing effort for pelagic fish resources is dependent on the seasons. If the season is good the number

of fishing units increase and vice-versa when the season is poor. Under such circumstances the possibility of over-exploitation appears remote. The fisheries presently benefiting from the good season for pelagic fish are the purse seines and the drift/gill nets.

The other major fishery on the West Coast is the cockle industry. Though this industry also fluctuates due to spatfall fluctuations, since 1976 cockle culture has been expanding gradually. However 1980 was a spectacular year because cockle production increased by a spectacular 91% over 1977 to 121,269 tonnes in 1980. This big increase is possibly due to the following factors:

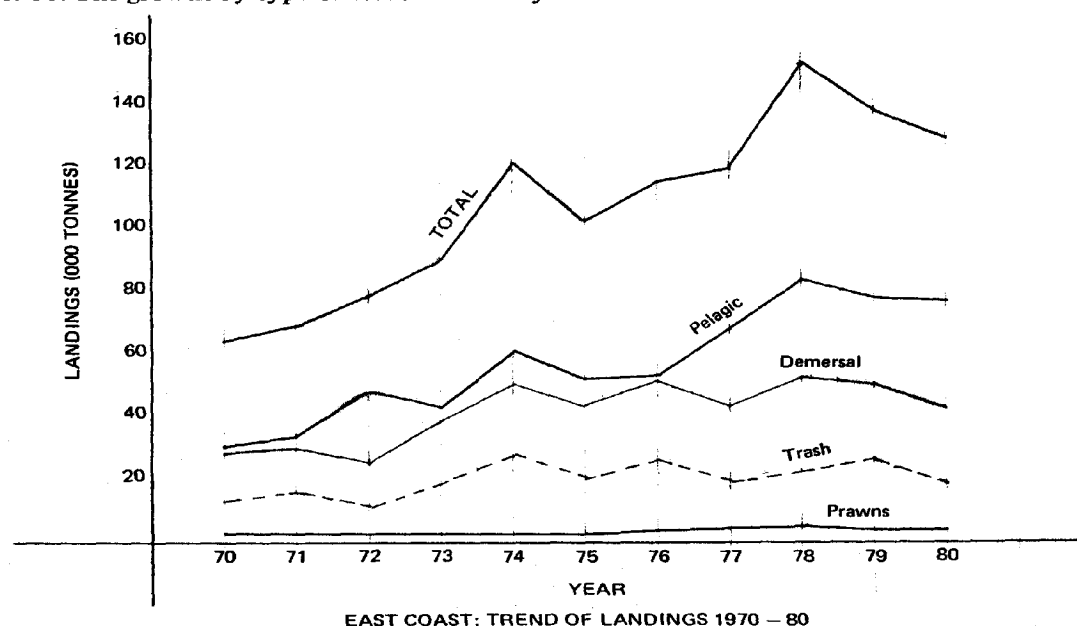
- (i) the good spatfall season in late 1979 and possibly in 1980;
- (ii) more acreage under cockle culture in 1979 and 1980
- (iii) under-reporting of production from illegal cockle beds in 1979

The trend in the cockle industry will sustain itself unless there is a poor spatfall in 1981 or in later years.

The other major crustaceans and molluscs fluctuate annually but there is no possibility of any dramatic changes in their landings. The present trend is likely to continue.

East Coast

Compared to the West Coast the fisheries on the East Coast is not as intensely fished as on the West Coast. Though there has been considerable growth in the fisheries here during the 1970s, the pace of development is much slower than the West Coast. Total landings on the East Coast have doubled itself by 101% from 64,777 tonnes in 1970 to 130,403 tonnes in 1980. The growth by type of resource is analysed below.



Demersal fish landings on the East Coast have fluctuated around 50,000 tonnes since 1974. However, in 1980 demersal landings declined to about 40,000 tonnes. The estimate of the MSY for demersal fish resource on the East Coast is about 95,000 – 100,000 tonnes and the 50,000 tonnes annual landings is far below the MSY estimate to indicate over-fishing. But one factor that has to be borne in mind is that, the quantum of catch taken by Thai trawlers on the East Coast has not been taken into consideration. If the Thai catch is taken into consideration then the present landings on the East Coast should be quite close to the lower MSY estimate of 95,000 tonnes. Though demersal landings have declined during 1979 and 1980, this trend is likely to change in 1981 but the possibility of demersal landings exceeding the 50,000 level is quite remote in the near future.

Prawns too declined in 1979 and 1980 after reaching a peak in 1978. The estimate of MSY for prawns is 5,000 – 6,000 tonnes per year, and the present landings between 3,500 – 4,000 tonnes annually, excluding those taken by Thai trawlers, indicate that the prawn resource is being exploited near its MSY level and the possibility of exceeding the MSY is minimal as prawns on the East Coast are seasonal in nature and the fishing intensity on prawns is low.

Looking at the situation of the demersal fish and prawn resources one can only arrive at a conclusion that the prospects of growth for fisheries based on these resources, i.e. trawl, is very bleak within the confines of the present fishing grounds near the coast. The prospects in the offshore waters is also slim. Though estimates of resources in the South China Sea by F.A.O. indicated ample resources there, the bulk of these resources are concentrated in the inshore waters of the East Coast which are already being fished extensively. Whatever resources that were available in the off-shore areas had been fished out by Taiwanese trawlers by the 1970s and their exit at the end of the 1970s was replaced by Thai trawlers which still fish there until the present time.

The regular encroachments by these Thai trawlers into the inshore areas indicate the scarce resources in the deeper areas. In fact recent attempts to fish in the offshore areas by local fishermen have more or less confirmed this fact. These facts coupled with some recent exploratory surveys indicate the prospects for expansion of the fishery beyond its present limits is not encouraging.

In the case of pelagic landings there have been fluctuations and this is quite natural as the pelagic species are not a resident resource. However, pelagic landings reached an all time peak in 1978 but during the last two years there has been a decline. However, preliminary data indicates that there will be a recovery in pelagic landings in 1981. As the MSY estimate is within 56,000 – 75,000 tonnes, there is a possibility the landings of pelagic fish in the next few years will be oscillating within the MSY level.

As for the minor crustaceans and molluscs their contribution is insignificant to affect the landing trends on the East Coast.

Landings of marine Fisheries and cultures – 1980

Total landings of marine fisheries and cultures in 1980 were 623,898 tonnes which is a 9% increase over 1979. The improved position in 1980 was chiefly due to the good season for pelagic fish and cockles on the West Coast in 1980. The performance of the other major

groups such as demersal fish and prawns was poor. Demersal fish landings declined by 8% in 1980, i.e. from 225,230 tonnes in 1979 to 208,459 tonnes in 1980, while prawns declined by 9% from 60,426 tonnes in 1979 to 54,741 tonnes in 1980. Among the minor groups, crabs declined by 9% from 3,851 tonnes in 1979 to 3,504 tonnes in 1980, while squids and cuttlefish landings declined by 24% from 15,868 tonnes in 1979 to 12,078 tonnes in 1980.

As mentioned earlier only pelagic fish and cockles had a good season in 1980. Pelagic fish landings went up by 9% from 193,035 tonnes in 1979 to 210,916 tonnes in 1980, while cockle production increased by a spectacular 91% from 63,412 tonnes in 1979 to 121,271 tonnes in 1980. Among the minor groups which showed increases in 1980 were sergestid shrimps which went up by 35% from 7,897 tonnes in 1979 to 10,621 tonnes in 1980, and other molluscs which increased by 79% from 1,186 tonnes in 1979 to 2121 tonnes in 1980.

West Coast Landings

West Coast Landings increased by 14% in 1980 from 432,347 tonnes in 1979 to 493,495 tonnes in 1980. The reason for this year's increase is the continued good season for pelagic fish and the spectacular increase in cockle production. Pelagic fish landings and cockles increased by 16% and 91% respectively in 1980. All other types of landings declined in 1980. Demersal fish landings declined by 5%, prawns by 10% and other minor crustaceans and molluscs by 2%. However these declines were not big enough to depress total landings of the West Coast in 1980.

The good season for pelagic fish was due to the continued abundance of most of the significant pelagic species such as selar scads, round scads, sardines, eastern little tuna and indian mackerels. The exceptions were anchovy, hardtail scads, goldbanded scads, pomfrets and spanish mackerels which declined in 1980. Despite this, the increases in the other significant species were sufficient to warrant the 16% increase in 1980 over 1979. This trend in pelagic landings has been going since it began in 1976, though the 1980 increase is far less than the 31% increase in 1979.

As result of the good season for pelagic fish, the purse seine and drift/gill net fisheries had another successful season this year. Purse seine and drift/gill net landings increased by 17% and 18% respectively in 1980 over 1979.

The cockle industry showed a spectacular increase in 1980. The 91% increase in production from 64,596 tonnes in 1979 to 123,391 tonnes in 1980 was largely due to a good spatfall in 1979 which resulted in more areas under culture in late last year, and also partly due to underreporting in earlier years. The improvement in the data collection system in 1980 included illegal cockle beds and this was a contributory factor for the big jump in cockle production in 1980.

Unlike pelagic fish and cockles, there were decreases in the other two major resources, namely demersal fish and prawns. Demersal fish landings declined in 1980 by 5% while prawns declined by 10%. In 1979 these two types also declined by 2% and 10% respectively. In the demersal fish group the major species that declined were jewfish, tongue sole, marine catfishes, threadfin bream, grouper, conger eel, red snapper and lizard fish. This species list almost includes the whole demersal fish species in the country. Trashfish, which constitutes about 78% of demersal landings, remained almost stable with a 0.5% increase in 1980,

whereas the foodfish component of demersal landings declined by a hefty 19%. The situation in prawns was no different. The 19% decline in demersal foodfish and the 10% decline in prawns greatly affected the trawl fisheries which relies heavily on these two resource types for its survival. Trawl, which accounts for 84% of total demersal landings suffered a 8% overall decline in 1980 over 1979 brought about by a decline of 3% in its demersal fish landings and a 23% decline in its prawn landings. Bagnets, the other major demersal and prawn fishery, also declined by 10% in 1980. So did minor fisheries like portable traps and handlines which declined by 48% and 14% respectively in 1980 over 1979. However these fisheries managed to survive largely due to the high value of their landings brought about by high fish prices.

Among the minor crustaceans and molluscs there was also a decline of about 2% in 1980. However they were too insignificant to affect total landings in anyway.

East Coast Landings.

As for the east coast, total landings declined by 6% from 138,558 tonnes in 1979 to 130,403 tonnes in 1980. Pelagic fish landings declined by a marginal 0.7% in 1980. This decline was brought about by the declines in most of the major pelagic species like the eastern little tuna, sardine, anchovy, hardtail scad, selar scad, goldbanded scad and round scad. The only exceptions were indian mackerel and spanish mackerel. These two species increased by 40% in 1980 and it was their season which helped to prevent a big slide in the total pelagic landings in 1980. The fisheries adversely affected by these decreases in pelagic fish were the purse seine and lift net fisheries which declined by 6% and 24% respectively. The exception was the drift/gill net fishery which had a 54% increase in landings, mainly brought about by the good season in eastern little tuna, indian and spanish mackerels.

Demersal fish species took a bad beating in 1980 with landings declining by 15%. Though some of the major demersal species like yellow goatfish, jewfish and threadfin bream had a poor year, the foodfish component of demersal fish landings almost remained static with a marginal overall increase of 1% in 1980. The big decline in demersal landings was however caused by the decline in its trashfish component. Trashfish, which constitutes 44% of total demersal landings, declined by a hefty 30% in 1980. The most adversely affected fishery as a result of this was the trawl fishery whose landings declined by 30% in 1980. The decline in overall east coast landings in 1980 was caused chiefly by the decrease in trawl landings, as trawl constituted 26% of total east coast landings.

Among the minor groups, prawns declined by 2% while other crustaceans and molluscs increased by 2%.

Value of Marine Fisheries Landings and Cultures.

Though total landings increased by 9% in 1980, its wholesale value however declined by 1% from \$988 million in 1979 to \$978 million in 1980. This decline in value, despite an increase in landings was caused by a decline in the landings of higher-priced fish and prawns. However, lower-priced fish landings increased substantially to prevent any serious slide in the value of landings in 1980. This was further enhanced by the general increase in prices of most fish and prawns.

Landings of grade I fish declined by 12% in 1980. This category of fish, though constituting only 8% of total landings, accounted for 30% of total value. Thus despite an increase of 8% in its unit price, its decline in landings contributed to the decline in total value of landings in 1980. Grade II fish similarly declined by 10% in 1980. However its contribution to total quantity and value was only a insignificant 2% to have any serious effect on total value. The exception was the grade III category of fish, the landings of which increased by 7% in 1980. As this category constituted 39% of total landings and 27% of total value, its increased landings coupled with an increase of 5% in its unit price helped to arrest any serious decline in the total value of landings.

Landings of big prawns also declined by 9% in 1980. Though big prawns constitute a small 1% of total landings, it accounted for 10% of total value. Despite an increase of 4% in its unit price, the decline in its landings was big enough to cause a decline in its value landed. Medium prawns too declined by 23% in 1980. Besides this, its unit price also declined marginally by 0.2%. As this category of prawns constitute 3% of total landings and 13% of total value, this decline in its landings and price helped to depress the value of total landings in 1980. The only exception was small prawns, the landings of which increased marginally by less than 1%. Though they form 5% of total landings and 10% of total value, the marginal increase in its landings did not help much to arrest the decline in total value despite a 6% increase in its unit price.

Had there been a substantial increase in their landings they could have helped to offset the decline in landings of the big and medium prawns.

Manure fish, though constituting 23% of total landings, however accounted for only an insignificant 2% of total value. This group's landings declined by 5% in 1980 and its unit price too declined by 18%. However its contribution to total value was too small to seriously affect the value of total landings.

Shellfish (98% of which is cockles) constituted 2% of total landings but only 6% of total value. In 1980, prices of shellfish declined by 24% from \$0.41 per kati* to \$0.31 per kati. However landings increased by 91% to boost its value landed by 44%. This hefty increase in value was the reason why the decline in total value was kept to a small 1% this year.

Foreign Trade in fishery Commodities

The fish trade trend in 1980 was the same as in past years where imports exceeded exports in quantity terms although value wise it showed a surplus trade balance. Total imports in 1980 were 139,819 tonnes valued at \$130 million while exports were 115,206 tonnes valued at \$243 million. There was thus a trade deficit of 24,613 tonnes in quantity whereas in value terms it showed a surplus of \$113 million.

However there were some changes in the trade in 1980 when compared to 1979. Imports in 1980 declined by about 12% in quantity terms though value wise the decline was insignificant. Exports too declined in 1980 by 8% in quantity terms and 21.5% in value terms.

Analysing the fish trade entirely in value terms, it was found that the major imports in 1980

*1 kg = 1.6535 kati

were: Canned fish products (\$47m or 36%) Fresh or chilled fish (\$30m or 23%), Fish meal (\$15m or 11%) and Fresh or chilled prawns (\$11m or 9%). Whereas the canned fish products were mainly imported from Japan, all the other major imports were mainly imported from Thailand.

Major exports in 1980 were: Frozen prawns (\$79m or 32%), Prepared or preserved fish products in non-airtight containers (\$55m or 23%), Canned fish products (\$54m or 22%) and Fresh or chilled fish (\$17m or 7%).

Frozen prawns were mainly exported to Japan and the United Kingdom, prepared or preserved fish products to the United Kingdom and the U.S.A., Fresh or chilled fish to Singapore, and Canned fish products to the United Kingdom, Sweden, Canada, West Germany and Switzerland.

From the above it was noted that our major trading partners were mainly Thailand, Japan, Singapore and the United Kingdom.

SABAH

Landings in 1980

Sabah started off the new decade with a 18% decline in landings. This was the biggest drop in landings ever seen in recent times. As there was no significant change in the number of fishing units in operation in 1980 when compared to past years, the decline in landings could therefore only mean a poor fishing season.

Total fish production in 1980 was 34,500 tonnes out of which freshwater fish accounted for 5% or 1800 tonnes. The remaining 95% all came from the marine sector. The marine landings constituted of 24,400 tonnes of finfish, 7500 tonnes of crustaceans, 100 tonnes of molluscs and 700 tonnes of other aquatic plants and animals. With the exception of freshwater fish, slipmouths and pearls, shells, corals etc., all the other species of fish declined in 1980. The biggest declines were in molluscs (90%); Herrings, Sardines, Anchovies etc. (62%); and sharks, rays (53%). This poor season in landings were also reflected in the value of these landings which declined by 12% from \$120 million in 1979 to \$106 million in 1980.

Foreign Trade in Fishery Commodities

Like Peninsular Malaysia, Sabah is also a net importer of fish in quantity terms and a net exporter in value terms. Total imports in 1980 amounted to 11,136 tonnes valued at \$22 million, while exports were 3,588 tonnes valued at \$35 million. When compared to 1979, imports increased both in quantity (by 3,417 tonnes or 44%) and in value (by \$9 million or 72%). Exports however declined both in quantity (by 672 tonnes or 18%) and in value (by \$10 million or 22%).

The major import items in 1980 were canned fish, canned preparations of crustaceans and molluscs and fish meal. Major export items were frozen prawns, fresh or chilled prawns and frozen marine fish.

SARAWAK

Landings in 1980

Sarawak too experienced a poor fishing year in 1980 with landings declining by 6%. Total landings which had been continuously increasing since the late Sixties until 1977 began to oscillate ever since. Landings declined in 1978, increased in 1979 and again declined in 1980.

The three major gear types in operation here are the trawls which account for 68% of total landings, drift/gill nets which accounts for 14% of total landings and bagnets which makes up 12% of total landings. The other gear types make up the remaining 6%. With the exception of bagnets, which increased its landings by 75% in 1980, all the other gear types recorded a decline in their landings. Trawl and drift/gill net landings declined by 11% and 9% respectively, while the landings of the minor gears declined by 22%.

Sarawak's total landings in 1980 constituted of finfish (57,637 tonnes), Crustaceans (18,775 tonnes) and molluscs (658 tonnes). Among the major finfishes were marine catfishes, jewfish, spanish mackerel, trash fish and other unsorted and unidentified fishes. The only major crustacean was the penaid prawn. With the exception of Spanish mackerels, the landings of all the other finfishes and penaid prawns declined in 1980.

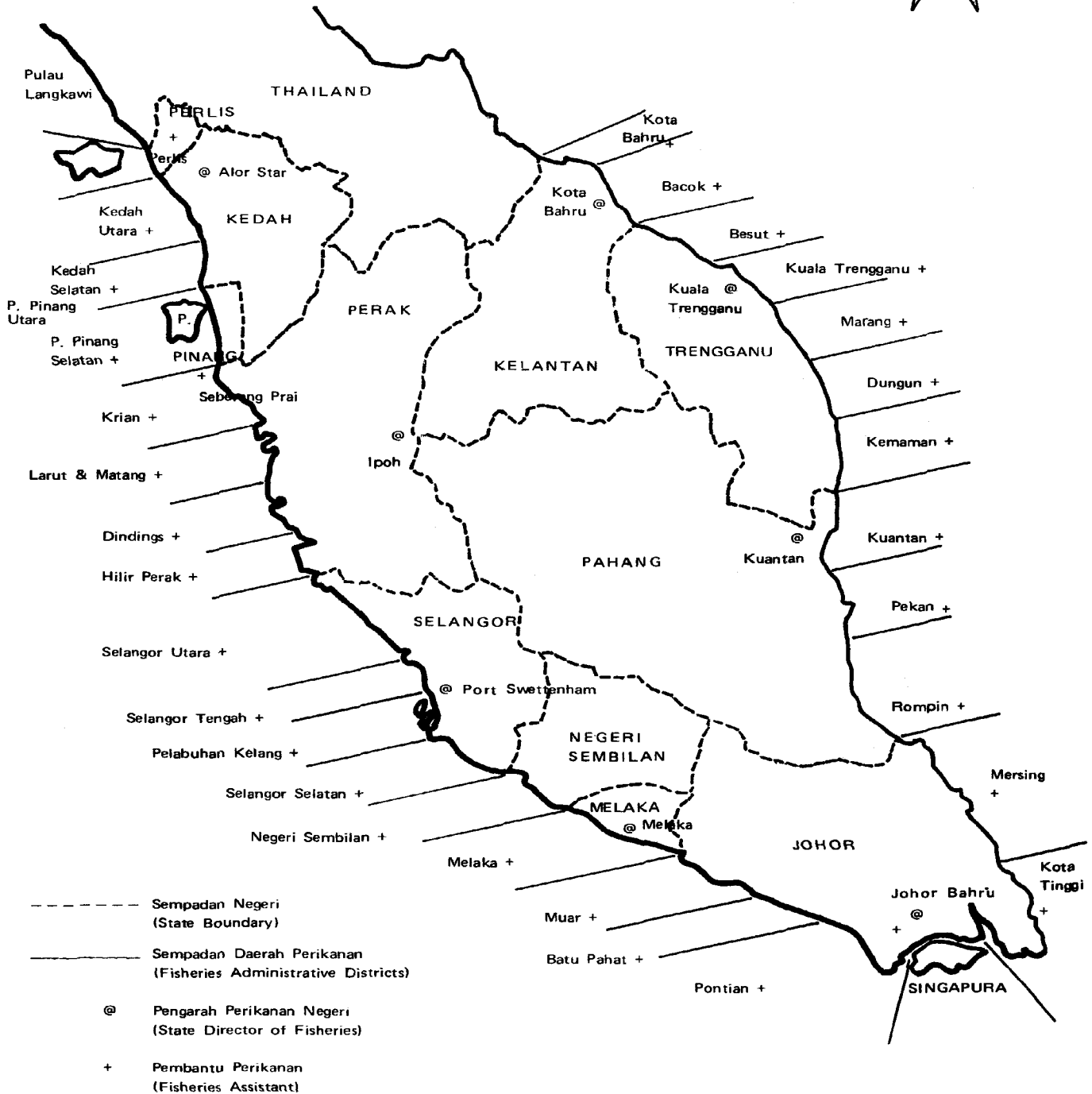
Foreign Trade in Fishery Commodities

Like the other two regions of Malaysia, Sarawak was also a net importer of fish in quantity terms, but unlike the others she was not a net exporter in value terms. Though in the past Sarawak used to be a net exporter in value terms, 1980 was the first year when the value of imports almost equaled the value of exports whereas the quantity of imports far exceeded the quantity of exports.

Total imports into Sarawak in 1980 was 23,264 tonnes valued at \$20 million. This was a 317% increase in quantity and 86% increase in value over last year's imports. The major items imported were dried or salted fish, canned fish products, canned crustaceans and molluscs, fishpaste and similar preparations not canned, and preparations of crustaceans and molluscs not canned. The bulk of the imports originated from Peninsular Malaysia, Singapore and Japan.

Exports on the other hand were 2,841 tonnes valued at \$21 million. This was a 23% decline in quantity and 22% decline in value over last year's exports. The major export items were fresh, chilled or frozen prawns, preparations of crustaceans and molluscs not canned and other edible aquatic animal products. These exports were mainly destined for Australia, Japan, Singapore and the U.S.A.

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



Perikanan Laut
SEMANANJUNG MALAYSIA

Marine Fisheries
Peninsular Malaysia

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN NELAYAN-NELAYAN YANG BEKERJA DIBOT-BOT BERLESEN, 1980
 (Number of fishermen Working in Licensed Boats, 1980)

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 (Malay)	1,708	9,357	3,583	4,501	1,217	249	1,234	5,872	27,721	7,353	11,679	4,113	4,142	27,287	55,008
CHINA (Chinese)	213	1,546	4,301	11,963	6,396	294	952	4,205	29,870	—	1	162	1,769	1,932	31,802
INDIA (Indian)	—	—	54	203	134	19	—	—	410	—	—	—	—	—	410
PORTUGIS (Portuguese)	—	—	—	—	—	—	74	—	74	—	—	—	—	—	74
THAI (Thais)	1,132	202	—	—	—	—	—	—	1,334	—	24	—	—	24	1,358
ORANG ASLI (Aborigines)	—	—	—	—	—	—	—	320	320	—	—	—	—	—	320
JUMLAH BESAR (Grand Total)	3,053	11,105	7,938	16,667	7,747	562	2,260	10,397	59,729	7,353	11,704	4,275	5,911	29,243	88,972

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT-BOT PERIKANAN YANG DILESENKAN MENGIKUT NEGERI, 1980
(Number of Licensed Fishing Boats by States, 1980)

Jadual (Table) 1.2

JENIS (Type) NEGERI (State)		JUMLAH (Total)	BOT TIADA BERJENTERA (Non-powered)	BOT BERJENTERA SANGKUT (Outboard-powered)	JUMLAH KECIL (Sub-Total)	BOT BERJENTERA DALAM (Inboard-powered)									
						0-4.9 TAN (tons)	5-9.9 TAN (tons)	10-14.9 TAN (tons)	15-19.9 TAN (tons)	20-24.9 TAN (tons)	25-39.9 TAN (tons)	40-49.9 TAN (tons)	50-69.9 TAN (tons)	70-99.9 TAN (tons)	100 TAN KEATAS (100 tons & above)
PANTAI BARAT (West Coast)	PERLIS	722	112	186	424	89	95	82	27	12	85	29	5	—	—
	KEDAH	3,132	580	1,313	1,239	287	213	97	55	31	353	128	67	8	—
	PULAU PINANG (Penang)	2,754	534	936	1,284	530	424	27	37	11	201	33	20	1	—
	PERAK	6,606	1,016	931	4,659	2,026	1,481	607	78	20	245	129	73	—	—
	SELANGOR	3,710	436	402	2,872	504	1,601	303	101	49	249	48	16	1	—
	NEGERI SEMBILAN	212	71	40	101	21	78	2	—	—	—	—	—	—	—
	MELAKA (Malacca)	993	89	395	509	88	411	5	3	1	1	—	—	—	—
	JOHOR BARAT (West Johore)	3,953	982	1,506	1,465	597	696	100	47	16	9	—	—	—	—
JUMLAH KECIL (Sub-Total)		22,082	3,820	5,709	12,553	4,142	4,999	1,223	348	140	1,143	367	181	10	—
PANTAI TIMUR (East Coast)	KELANTAN	1,707	226	316	1,165	546	272	154	94	25	53	11	5	5	—
	TRENGGANU	3,691	932	3	2,756	494	1,105	727	204	73	109	25	9	8	2
	PAHANG	1,160	181	59	920	107	465	199	46	15	60	21	7	—	—
	JOHOR TIMUR (East Johore)	1,880	343	498	1,039	221	331	126	37	54	161	73	35	1	—
JUMLAH KECIL (Sub-Total)		8,438	1,682	876	5,880	1,368	2,173	1,206	381	167	383	130	56	14	2
JUMLAH BESAR (Grand-Total)		30,520	5,502	6,585	18,433	5,510	7,172	2,429	729	307	1,526	497	237	24	2

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT BERJENTERA DALAM YANG DILESENKAN MENGIKUT NEGERI, UKURAN PANJANG DAN KEKUATAN KUASA KUDA, 1980
(Number of Licensed Inboard Powered Fishing Boats by State, Dimension & Horse-power, 1980)

Jadual (Table) 1.3

Butir-Butir (Description)	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Panjang (Dimension-Length)													
Kurang dari 25 kaki (under 25 ft)	11	13	35	157	14	2	13	281	184	28	96	74	908
25 – 39 kaki (25 – 39 ft)	234	533	900	3,936	2,182	75	327	633	1,671	631	1,067	489	12,678
40 – 54 kaki (40 – 54 ft)	86	343	215	463	661	24	168	207	816	236	300	325	3,844
55 kaki keatas (55 ft & over)	93	350	134	103	15	—	1	44	85	25	2	151	1,003
JUMLAH (Total)	424	1,239	1,284	4,659	2,872	101	509	1,165	2,756	920	1,465	1,039	18,433
Kekuatan Kuda (Horsepower of Engine)													
Kurang dari 5 k.k. (under 5 h.p.)	19	31	19	92	35	8	16	275	211	18	187	88	999
5 – 9 k.k. (5 – 9 h.p.)	73	196	232	621	292	35	252	367	605	143	336	172	3,324
10 – 19 k.k. (10 – 19 h.p.)	23	133	96	457	602	30	200	179	668	242	484	205	3,319
20 – 39 k.k. (20 – 39 h.p.)	160	180	631	2,601	1,080	28	36	257	992	382	266	198	6,811
40 – 59 k.k. (40 – 59 h.p.)	11	30	14	366	202	—	3	35	107	20	171	6	965
60 – 99 k.k. (60 – 99 h.p.)	11	24	17	32	267	—	2	22	58	20	7	33	493
100 – 149 k.k. (100 – 149 h.p.)	78	201	165	127	147	—	—	28	87	58	13	233	1,137
150 – 249 k.k. (150 – 249 h.p.)	49	442	109	299	242	—	—	1	24	36	1	104	1,307
250 – 349 k.k. (250 – 349 h.p.)	—	2	1	63	5	—	—	1	2	1	—	—	75
350 k.k. keatas (350 h.p. & over)	—	—	—	1	—	—	—	—	2	—	—	—	3
JUMLAH (Total)	424	1,239	1,284	4,659	2,872	101	509	1,165	2,756	920	1,465	1,039	18,433

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT BERJENTERA SANGKUT YANG DILESENKAN MENGIKUT NEGERI, UKURAN PANJANG DAN KEKUATAN KUDA, 1980
(Number of Licensed Outboard-Powered Fishing Boats by State, Dimension and Horse-power, 1980)

Jedual (Table) 1.4

Butir-Butir (Description)	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Panjang (Dimension-Length)													
Kurang dari 25 kaki (under 25 ft)	184	1,248	930	928	401	39	393	66	3	55	1,478	480	6,205
25 – 39 kaki (25 – 39 ft)	2	65	6	3	1	1	2	248	—	4	28	18	378
40 – 54 kaki (40 – 54 ft)	—	—	—	—	—	—	—	2	—	—	—	—	2
55 kaki dan lebih (55 ft & over)	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH (Total)	186	1,313	936	931	402	40	395	316	3	59	1,506	498	6,585
Kekuatan Kuda (Horsepower of Engine)													
Kurang dari 5 k.i. (under 5 h.p.)	141	811	820	888	291	34	292	17	—	27	1,243	373	4,937
5 – 9 k.k. (5 – 9 h.p.)	45	500	92	40	107	6	72	58	3	32	157	103	1,215
10 – 19 k.k. (10 – 19 h.p.)	—	2	23	2	3	—	28	205	—	—	56	17	336
20 – 39 k.k. (20 – 39 h.p.)	—	—	1	1	1	—	3	36	—	—	46	5	93
40 – 59 k.k. (40 – 59 h.p.)	—	—	—	—	—	—	—	—	—	—	4	—	4
60 – 99 k.k. (60 – 99 h.p.)	—	—	—	—	—	—	—	—	—	—	—	—	—
100 – 149 k.k. (100 – 149 h.p.)	—	—	—	—	—	—	—	—	—	—	—	—	—
150 – 249 k.k. (150 – 249 h.p.)	—	—	—	—	—	—	—	—	—	—	—	—	—
250 – 349 k.k. (250 – 349 h.p.)	—	—	—	—	—	—	—	—	—	—	—	—	—
350 k.k. keatas (350 h.p. & over)	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH (Total)	186	1,313	936	931	402	40	395	316	3	59	1,506	498	6,585

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT TIADA BERJENTERA YANG DILESENKAN MENGIKUT NEGERI DAN UKURAN PANJANG – 1980
(Number of Licensed Non-Powered Fishing Boats by States and Dimension – 1980)

Jadual (Table) 1.5

Butir-Butir (Description)	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor		Jumlah (Total)
											Barat (West)	Timur (East)	
Ukuran Panjang (Dimension-Length)													
Kurang dari 25 kaki (under 25 ft)	111	558	532	1,013	354	71	89	190	839	139	978	328	5,202
25 – 39 kaki (25 – 39 ft)	1	19	2	3	29	–	–	35	93	42	4	15	243
40 – 54 kaki (40 – 54 ft)	–	3	–	–	53	–	–	1	–	–	–	–	57
55 kaki keatas (55 ft & over)	–	–	–	–	–	–	–	–	–	–	–	–	–
JUMLAH (Total)	112	580	534	1,016	436	71	89	226	932	181	982	343	5,502

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
RINGKASAN BILANGAN BOT-BOT NELAYAN DALAM MENGIKUT NAMA INJIN DAN NEGERI – 1980
(Summary – Number of Inboard-Powered Fishing Boats by Trade Name and State – 1980)

Jadual (Table) 1.6

Nama Injin (Trade Name of Engine)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor		JUMLAH (Total)
											Barat (West)	Timur (East)	
YANMAR	206	393	241	1,588	1,581	76	331	1,114	2,515	752	979	594	10,370
DAIYA	18	42	60	207	198	8	151	16	93	33	177	42	1,045
MERCEDES	51	137	411	1,011	86	—	—	—	2	6	29	17	1,750
AEC	52	58	151	141	67	—	—	2	23	44	46	65	649
KUBOTA	2	2	7	51	26	7	23	—	11	1	66	12	208
PERKINS	9	14	101	725	262	5	1	—	1	7	25	15	1,165
PETTER	1	4	95	111	51	5	2	1	38	3	7	5	323
LEYLAND	40	168	25	18	227	—	—	—	3	21	99	82	683
CUMMINS	11	297	59	292	210	—	—	—	8	24	3	81	985
LISTER	—	2	1	2	3	—	—	5	4	2	2	2	23
DONG FENG	—	4	6	10	13	—	—	—	—	3	1	81	118
GARDNER	18	14	11	40	82	—	—	1	1	6	7	9	189
HINO	5	21	5	1	—	—	—	—	—	—	—	2	34
BUKH	—	—	1	—	5	—	—	3	15	3	—	—	27
ISUZU	9	65	12	12	44	—	—	—	3	2	7	18	172
VOLVO	—	—	1	—	—	—	—	21	6	—	—	1	29
MWM	—	—	—	—	2	—	—	—	1	—	—	4	7
KEW	—	9	75	394	1	—	—	—	—	—	—	—	479
ROLLS ROYCE	—	—	7	4	—	—	—	—	—	—	—	1	12
FORD	1	1	—	9	1	—	—	—	—	1	1	—	14
LAIN-LAIN (OTHERS)	1	8	15	43	13	—	1	2	32	12	16	8	151
JUMLAH (Total)	424	1,239	1,284	4,659	2,872	101	509	1,165	2,756	920	1,465	1,039	18,433

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
RINGKASAN BILANGAN BOT-BOT NELAYAN DALAM MENGIKUT NAMA INGIN DAN KUASA KUDA – 1980
 (Summary – Number of Inboard-Powered Fishing Boats by Engine Trade Name and Horse-power – 1980)

Jadual (Table) 1.7

Nama Ingin (Trade Name of Engine)	Kurang dari 5k.k. (Under 5h.p.)		5–9k.k. (5–9h.p.)		10–19k.k. (10–19h.p.)		20–39k.k. (20–39h.p.)		40–59k.k. (40–59h.p.)		60–99k.k. (60–99h.p.)		100–149k.k. (100–149h.p.)		150–249k.k. (150–249h.p.)		250–349k.k. (250–349h.p.)		350k.k. & keatas (350h.p. & above)		Jumlah (Total)	
	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)	Pantai Barat (West Coast)	Pantai Timor (East Coast)
YANMAR	382	585	1,029	1,170	1,798	1,178	2,022	1,748	134	140	22	77	6	68	2	9	–	–	–	–	5,395	4,975
DAIYA	9	2	696	86	66	66	73	20	16	6	1	3	–	1	–	–	–	–	–	–	861	184
MERCEDES	2	–	–	–	5	–	1,590	3	10	1	3	–	30	13	84	8	1	–	–	–	1,725	25
AEC	–	–	–	–	–	–	–	–	37	1	26	14	351	101	101	18	–	–	–	–	515	134
KUBOTA	9	1	150	19	6	1	13	2	3	–	3	–	–	1	–	–	–	–	–	–	184	24
PERKINS	–	–	–	1	14	–	873	21	62	–	193	1	–	–	–	–	–	–	–	–	1,142	23
PETTER	2	–	148	6	105	40	9	1	–	–	–	–	–	–	12	–	–	–	–	–	276	47
LEYLAND	–	–	1	–	–	–	66	3	175	4	67	21	237	76	31	2	–	–	–	–	577	106
CUMMINS	–	–	–	–	–	–	–	–	3	1	1	–	16	9	783	100	68	1	1	2	872	113
LISTER	–	1	3	–	5	3	2	9	–	–	–	–	–	–	–	–	–	–	–	–	10	13
DONG FENG	–	–	–	–	4	–	13	2	1	–	1	–	15	82	–	–	–	–	–	–	34	84
GARDNER	–	–	–	–	–	–	14	1	81	6	33	8	5	1	39	1	–	–	–	–	172	17
HINO	–	–	–	–	–	–	5	–	16	–	4	1	2	1	5	–	–	–	–	–	32	2
BUKH	–	–	–	4	1	1	3	5	1	8	1	3	–	–	–	–	–	–	–	–	6	21
ISUZU	–	–	–	–	2	1	–	–	5	1	3	–	66	4	73	17	–	–	–	–	149	23
VOLVO	–	–	1	–	–	–	–	–	–	–	–	–	–	27	–	–	–	1	–	–	1	28
MWM	–	–	–	–	–	1	1	4	1	–	–	–	–	–	–	–	–	–	–	–	2	5
KEW	–	–	–	–	–	–	231	–	248	–	–	–	–	–	–	–	–	–	–	–	479	–
ROLLS ROYCE	–	–	–	–	–	–	–	–	–	–	–	–	1	–	9	1	1	–	–	–	11	1
FORD	–	–	–	–	1	–	12	1	–	–	–	–	–	–	–	–	–	–	–	–	13	1
LAIN-LAIN (OTHERS)	3	3	9	1	18	3	55	9	4	–	2	5	2	22	3	9	1	2	–	–	97	54
JUMLAH (Total)	407	592	2,037	1,287	2,025	1,294	4,982	1,829	797	168	360	133	731	406	1,142	165	71	4	1	2	12,553	5,880

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT-BOT YANG DILESENKAN DAN NELAYAN-NELAYAN MENGIKUT
DAERAH-DAERAH PERIKANAN, 1980

(Number of Licensed Fishing Boats and Fishermen by Fisheries Districts, 1980)

Jadual (Table) 1.8

Daerah-Daerah Perikanan (Fisheries Districts)	Bot-Bot (Fishing Boats)				Nelayan-Nelayan (Fishermen)				
	Berjentera Dalam (Inboard)	Berjentera Sangkut (Outboard)	Tiada Berjentera (Non-powered)	Jumlah (Total)	Melayu (Malay)	Cina (Chinese)	India (Indian)	Lain-Lain (Others)	Jumlah (Total)
1. Kuala Perlis	424	186	112	722	1,708	213	—	1,132	3,053
2. Langkawi	202	532	86	820	2,797	88	—	155	3,040
3. Kedah Utara	733	258	92	1,083	2,866	1,143	—	—	4,009
4. Kedah Selatan	304	523	402	1,229	3,694	315	—	47	4,056
5. Timur Laut	132	135	86	353	281	578	22	—	881
6. Barat-Daya	452	500	131	1,083	1,239	1,781	23	—	3,043
7. Seberang Prai	700	301	317	1,318	2,063	1,942	9	—	4,014
8. Krian	1,311	260	256	1,827	871	4,129	4	—	5,004
9. Larut & Matang	1,365	255	279	1,899	617	2,594	—	—	3,211
10. Dindings	1,228	272	309	1,809	2,430	2,910	199	—	5,539
11. Hilir Perak	755	144	172	1,071	583	2,330	—	—	2,913
12. Selangor Utara	708	157	63	928	269	1,894	—	—	2,163
13. Selangor Tengah	666	78	82	826	334	1,387	30	—	1,751
14. Pelabuhan Kelang	1,161	124	197	1,482	419	2,424	30	—	2,873
15. Selangor Selatan	337	43	94	474	195	691	74	—	960
16. Port Dickson	101	40	71	212	249	294	19	—	562
17. Melaka	509	395	89	993	1,234	952	—	74	2,260
18. Muar	302	312	188	802	802	823	—	—	1,625
19. Batu Pahat	633	304	149	1,086	728	1,042	—	299	2,069
20. Pontian	497	220	244	961	1,149	1,775	—	—	2,924
21. Johor Bahru	33	670	401	1,104	3,193	565	—	21	3,779
22. Kota Tinggi	426	457	295	1,178	1,917	989	—	—	2,906
23. Mersing	613	41	48	702	2,225	780	—	—	3,005
24. Kuantan	427	10	84	521	2,150	85	—	—	2,235
25. Pekan	339	41	88	468	1,423	7	—	—	1,430
26. Kuala Rompin	154	8	9	171	540	70	—	—	610
27. Kemaman	478	—	68	546	1,896	1	—	—	1,897
28. Dungun	416	—	24	440	1,428	—	—	—	1,428
29. Marang	327	—	154	481	1,670	—	—	—	1,670
30. Kuala Trengganu	1,004	3	255	1,262	3,664	—	—	24	3,688
31. Besut	531	—	431	962	3,021	—	—	—	3,021
32. Kota Bahru	816	218	75	1,109	4,945	—	—	—	4,945
33. Bacok	349	98	151	598	2,408	—	—	—	2,408
Jumlah (Total)	18,433	6,585	5,502	30,520	55,008	31,802	410	1,752	88,972

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT-BOT YANG DILESENKAN DAN BILANGAN NELAYAN-NELAYAN
YANG BEKERJA DIBOT-BOT BERLESEN, 1961 – 1980
(Number of Fishing Boats Licensed and Number of Fishermen
Operating Licensed Boats, 1961 – 1980)

Jadual (Table) 1.9

Tahun (Year)	Bilangan Bot-Bot Yang Dilesenkan (Number of Fishing Boats Licensed)				Bilangan Nelayan-Nelayan (Number of Fishermen)				
	Berjentera Dalam (Inboard)	Berjentera Sangkut (Outboard)	Tidak Berjentera (Non-powered)	Jumlah (Total)	Melayu (Malay)	Cina (Chinese)	India (Indian)	Lain-Lain (Others)	Jumlah (Total)
1961	4,824	4,841	13,293	22,958	33,924	18,780	269	110	53,083
1962	5,468	4,377	12,338	22,183	35,750	19,246	421	93	55,510
1963	6,426	4,057	12,271	22,754	36,199	22,874	252	124	59,449
1964	6,983	3,744	10,903	21,630	37,075	23,732	217	441	61,465
1965	8,374	3,908	10,182	22,464	40,548	27,155	153	332	68,188
1966	9,298	3,237	8,371	20,906	36,508	25,252	215	482	62,457
1967	10,145	2,887	7,204	20,236	34,833	26,402	212	706	62,153
1968	10,629	2,531	6,293	19,453	34,414	26,398	195	494	61,501
1969	11,399	2,177	5,608	19,184	34,845	28,258	160	351	63,614
1970	12,865	2,164	5,277	20,306	36,472	31,078	253	351	68,154
1971	14,284	2,036	4,821	21,141	36,295	31,096	256	314	67,961
1972	14,945	2,009	4,665	21,619	38,589	29,892	310	461	69,252
1973	15,596	2,004	4,567	22,167	38,048	29,192	342	726	68,308
1974	16,205	2,100	4,072	22,377	38,973	30,619	424	789	70,806
1975	16,081	2,138	3,928	22,147	40,335	31,992	452	525	73,304
1976	16,142	2,342	4,151	22,635	41,997	30,479	450	610	73,536
1977	16,977	2,775	4,329	24,081	44,373	30,131	541	600	75,645
1978	17,775	3,684	6,038	27,497	51,265	30,980	637	812	83,694
1979	17,741	5,156	6,256	29,153	50,816	30,323	528	1,259	82,926
1980	18,433	6,585	5,502	30,520	55,008	31,802	410	1,752	88,972

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN PERKAKAS-PERKAKAS YANG DILESENKAN MENGIKUT NEGERI – 1980
(Number of Licensed Fishing Gears by States – 1980)

Jadual (Table) 1.10

Kumpulan Perkakas (Gear Group)		Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap- perangkap (Traps)		(Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shellfish Collections)	Rampaian (Miscellan- eous)	Jumlah (Total)
			Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine Anchovy)	Lain- Lain (Other Seines)			Belat Belat (Stakes)	Bubu (Portable)							
Pantai Barat (West Coast)	Perlis	217	105	—	7	340	—	—	—	5	—	6	—	—	13	693
	Kedah	506	46	83	65	1,863	92	25	8	32	116	72	4	—	6	2,918
	Pulau Pinang (Penang)	188	82	—	317	1,790	10	10	47	75	308	3	—	1,030	38	3,898
	Perak	1,638	143	16	999	2,727	—	6	113	522	195	—	—	924	383	7,666
	Selangor	488	45	—	20	2,601	—	—	15	273	801	48	2	1,585	50	5,928
	Negeri Sembilan	—	—	—	14	227	—	—	18	37	—	—	—	—	—	296
	Melaka (Malacca)	—	—	—	21	1,209	—	9	1	104	—	8	—	1	—	1,353
	Johore Barat (West Johore)	310	—	—	65	2,503	4	154	124	137	210	72	—	—	39	3,618
JUMLAH KECIL (Sub-Total)		3,347	421	99	1,508	13,260	106	204	326	1,185	1,630	209	6	3,540	529	26,370
Pantai Timur (East Coast)	Kelantan	111	36	11	113	912	54	—	22	536	—	—	—	—	—	1,795
	Trengganu	474	148	124	56	873	80	—	179	—	—	—	—	—	—	1,934
	Pahang	311	41	23	7	378	24	10	223	374	2	—	—	—	—	1,393
	Johor Timur (East Johore)	344	90	1	14	467	38	19	75	34	198	22	—	—	—	1,302
JUMLAH KECIL (Sub-Total)		1,240	315	159	190	2,630	196	29	499	944	200	22	—	—	—	6,424
JUMLAH BESAR (Grand Total)		4,587	736	258	1,698	15,890	302	233	825	2,129	1,830	231	6	3,540	529	32,794

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ANGGARAN PERKAKAS-PERKAKAS MENANGKAP IKAN YANG DIUSAHAKAN MENGIKUT NEGERI – 1980
(Estimated Number of Fishing Gears in Operation by State – 1980)

Jadual (Table) 1.11

Kumpulan Perkakas (Gear Group) Negeri (State)		Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap- perangkap (Traps)		(Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shellfish Collections)	Rampaian (Miscellan- eous)	Jumlah (Total)
			Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine Anchovy)	Lain- Lain (Other Seines)			Belat Belat (Stakes)	Bubu (Portable)							
Pantai Barat (West Coast)	Perlis	206	43	—	12	269	—	8	—	39	—	9	—	6	34	626
	Kedah	819	21	79	66	1,095	38	23	1	169	192	28	23	1	73	2,628
	Pulau Pinang (Penang)	147	54	—	166	1,025	—	—	19	44	73	—	50	138	26	1,742
	Perak	2,239	104	18	1,245	1,114	—	163	78	386	102	53	172	416	142	6,232
	Selangor	1,509	19	—	26	1,494	45	—	—	324	259	24	—	34	32	3,766
	Negeri Sembilan	—	—	—	17	132	—	—	12	50	—	—	—	—	15	226
	Melaka (Malacca)	—	—	—	21	900	—	6	—	165	—	7	61	—	8	1,168
	Johor Barat (West Johore)	345	—	—	60	2,424	—	92	49	146	144	50	—	8	50	3,368
JUMLAH KECIL (Sub-Total)		5,265	241	97	1,613	8,453	83	292	159	1,323	770	171	306	603	380	19,756
Pantai Timur (East Coast)	Kelantan	67	31	22	55	399	32	—	17	460	—	—	—	—	40	1,123
	Trengganu	199	80	74	34	515	55	—	134	942	—	—	—	—	399	2,432
	Pahang	273	30	16	20	358	21	8	143	273	2	—	—	1	—	1,145
	Johor Timur (East Johore)	280	67	—	—	215	4	17	15	116	93	—	—	—	—	807
JUMLAH KECIL (Sub-Total)		819	208	112	109	1,487	112	25	309	1,791	95	—	—	1	439	5,507
JUMLAH BESAR (Grand Total)		6,084	449	209	1,722	9,940	195	317	468	3,114	865	171	306	604	819	25,263

**USAHA MENANGKAP IKAN SEYUNIT: BILANGAN HARI MENANGKAP IKAN MENGIKUT
JENIS PERKAKAS DAN NEGERI DALAM 1980**
(Per Unit Fishing Effort: Number of Fishing Days by Type of Gear
and by State in 1980)

Jadual (Table) 1.12

Negeri (State)	Jenis Perkakas (Type of Gear)	Pukat Tunda (Trawl Nets)					Pukat Tarik Seine Nets			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap (Traps)		Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Scoop Nets)	Memungut Siput (Shellfish Collections)	Rampaian (Miscellan- eous)
		0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above	Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine Anchovy)	Lain- Lain Pukat Tarik (Other Seines)			Belat Belat (Stationary)	Bubu (Portable)						
Perlis		240	168	168	—	—	240	—	240	238	—	166	—	231	—	222	—	20	238
Kedah		280	294	283	—	—	275	291	333	215	216	248	245	183	181	215	118	326	180
Pulau Pinang (Penang)		—	—	315	—	—	309	—	286	233	—	—	240	215	181	—	222	332	159
Perak		315	321	321	—	—	300	328	295	286	—	229	300	284	144	63	151	271	269
Selangor		212	255	221	216	—	185	—	143	215	199	—	—	197	192	213	—	134	75
N. Sembilan		—	—	—	—	—	—	—	174	225	—	—	115	177	—	—	—	—	237
Melaka (Malacca)		—	—	—	—	—	—	—	308	303	—	351	—	316	—	312	297	—	293
Johor Barat (Johore West)		365	365	334	—	—	—	—	166	204	—	235	76	211	167	150	—	—	56
Kelantan		187	189	248	—	—	188	66	88	117	139	—	152	166	—	—	—	—	54
Trengganu		273	272	161	95	—	225	204	41	211	216	—	171	234	—	—	—	—	133
Pahang		230	242	242	176	—	173	131	167	198	211	144	169	203	60	—	—	—	—
Johor Timur (Johore East)		320	284	260	250	—	241	—	—	201	48	241	128	258	279	—	—	—	—
Purata (Average):		269	266	255	184	—	237	204	195	221	172	231	177	223	172	196	197	217	169

**USAHA MENANGKAP IKAN SEYUNIT: BILANGAN TERIP MENANGKAP IKAN MENGIKUT
JENIS PERKAKAS DAN NEGERI DALAM 1980**
(Per Unit Fishing Effort: Number of Trips by Type of Gear
and by State in 1980)

Jadual (Table) 1.13

Negeri (State)	Pukat Tunda (Trawl Nets)					Pukat Tarik Seine Nets			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap (Traps)		Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Scoop Nets)	Memungut Siput (Shellfish Collections)	Rampaian (Miscellan- eous)
	0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above	Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine Anchovy)	Lain- Lain Pukat Tarik (Other Seines)			Belat Belat (Stationary)	Bubu (Portable)						
Perlis	240	204	192	-	-	130	-	210	238	-	Tidak Mengenai (Not Applicable)	-	232	Tidak Mengenai (Not Applicable)	231	-	20	238
Kedah	270	282	273	-	-	302	307	294	- NA -	- NA -		- NA -	- NA -		- NA -	- NA -	- NA -	- NA -
Pulau Pinang (Penang)	-	-	315	-	-	309	-	288	231	-		48	215		-	222	332	159
Perak	315	247	196	-	-	300	328	308	300	-		109	271		63	151	271	209
Selangor	212	255	221	36	-	185	-	143	217	199		-	197		204	-	134	75
N. Sembilan	-	-	-	-	-	-	-	174	225	-		115	176		-	-	-	237
Melaka (Malacca)	-	-	-	-	-	-	-	308	299	-		-	316		312	297	-	293
Johor Barat (Johore West)	365	365	334	-	-	-	-	166	204	-		76	211		150	-	- NA -	56
Kelantan	187	189	248	-	-	188	66	88	117	139		152	166		-	-	-	54
Trengganu	271	264	148	85	-	225	204	41	211	203		166	208		-	-	-	133
Pahang	230	242	242	48	-	173	131	167	197	211		172	193		-	-	-	-
Johor Timur (Johore East)	320	252	213	217	-	241	-	-	190	48		64	189		-	-	-	-
Purata: (Average)	268	256	238	97	-	228	207	199	221	160		113	216		192	223	189	168

**USAHA MENANGKAP IKAN SEYUNIT: BILANGAN KALI MEMUKAT IKAN MENGIKUT
JENIS PERKAKAS DAN NEGERI DALAM 1980**
(Per Unit Fishing Effort: Number of Hauls by Type of Gear
and by State in 1980)

Jadual (Table) 1.14

Jenis Perkakas (Type of Gear) Negeri (State)	Pukat Tunda (Trawl Nets)					Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap (Traps)		Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Scoop Nets)	Memungut Siput (Shellfish Collections)	Rampaian (Miscellaneous)
	0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above	Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine Anchovy)	Lain-Lain Pukat Tarik (Other Seines)			Belat Belat (Stationary)	Bubu (Portable)						
Perlis	720	720	720	-	-	390	-	- NA -	- NA -	-	- NA -	-	- NA -	-	- NA -	-	- NA -	- NA -
Kedah	810	859	849	-	-	1,027	1,023	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -
Pulau Pinang (Penang)	-	-	945	-	-	618	-	2,032	535	-	-	- NA -	215	720	-	222	332	159
Perak	788	741	588	-	-	- NA -	- NA -	- NA -	- NA -	-	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -
Selangor	493	594	663	104	-	307	-	- NA -	434	398	-	-	788	712	408	-	- NA -	- NA -
N. Sembilan	-	-	-	-	-	-	-	434	536	-	-	111	178	-	-	-	-	709
Melaka (Malacca)	-	-	-	-	-	-	-	1,569	611	-	702	-	402	-	626	628	-	586
Johor Barat (Johore West)	1,095	1,095	1,002	-	-	-	-	996	612	-	235	76	422	167	150	-	- NA -	56
Kelantan	561	567	744	-	-	428	139	196	314	278	-	304	- NA -	-	-	-	-	162
Trengganu	1,084	792	444	255	-	675	612	123	633	609	-	- NA -	- NA -	-	-	-	-	- NA -
Pahang	557	619	656	128	-	346	262	334	394	633	- NA -	- NA -	- NA -	- NA -	-	-	-	-
Johor Timur (Johore East)	960	756	639	668	-	363	-	-	204	72	1,177	- NA -	- NA -	643	-	-	-	-
Purata: (Average)	785	750	740	289	-	527	509	812	475	398	705	164	401	561	395	425	332	334

BILANGAN PERKAKAS-PERKAKAS YANG DILESENKAN MENGIKUT DAERAH PERIKANAN, 1980
(Number of Licensed Fishing Gears by Fisheries Districts, 1980)

Jadual (Table) 1.15

Daerah Perikanan (Fisheries Districts)	Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/Gill Nets)	Pukat Tangkok (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memungut Siput (Shellfish Collections)	Rampaian (Miscellaneous)	Jumlah (Total)
		Pukat Jerut Ikan (Purse Seine – Fish)	Pukat Jerut Bilis (Purse Seine – Anchovy)	Lain-Lain (Others Seines)			Belat-Belat (Stakes)	Bubu (Portable)							
1. Kuala Perlis	217	105	—	7	340	—	—	—	5	—	6	—	—	13	693
2. Langkawi	29	4	31	3	653	30	6	3	3	—	—	—	—	—	762
3. Kedah Utara	355	33	—	30	340	29	2	2	4	—	2	—	—	2	799
4. Kedah Selatan	122	9	52	32	870	33	17	3	25	116	70	4	—	4	1,357
5. Barat-Daya, Pulau Pinang	157	27	—	15	687	9	—	6	14	223	—	—	378	—	1,516
6. Timur-Laut, Pulau Pinang	31	2	—	10	230	1	—	1	32	16	—	—	—	—	323
7. Seberang Prai	—	53	—	292	873	—	10	40	29	69	3	—	652	38	2,059
8. Krian	—	11	—	912	894	—	—	11	37	171	—	—	123	117	2,276
9. Larut & Matang	671	1	—	16	771	—	—	22	64	24	—	—	634	151	2,354
10. Dindings	618	72	16	71	651	—	—	49	318	—	—	—	167	3	1,965
11. Hilir Perak	349	59	—	—	411	—	6	31	103	—	—	—	—	112	1,071
12. Selangor Utara	198	45	—	—	683	—	—	5	19	20	10	—	—	—	980
13. Selangor Tengah	28	—	—	19	569	—	—	—	98	296	27	—	1,584	4	2,625
14. Pelabulan Kelang	250	—	—	1	897	—	—	3	68	485	7	2	1	46	1,760
15. Selangor Selatan	12	—	—	—	452	—	—	7	88	—	4	—	—	—	563
16. Port Dickson	—	—	—	14	227	—	—	18	37	—	—	—	—	—	296
17. Melaka	—	—	—	21	1,209	—	9	1	104	—	8	—	1	—	1,353
18. Muar	—	—	—	12	690	—	90	20	70	2	47	—	—	23	954
19. Batu Pahat	65	—	—	29	824	—	—	7	41	80	21	—	—	—	1,067
20. Pontian	245	—	—	6	524	—	11	3	3	128	2	—	—	—	922
21. Johor Bahru	—	—	—	18	465	4	53	94	23	—	2	—	—	16	675
22. Kota Tinggi	64	41	—	5	261	17	—	8	11	196	20	—	—	—	623
23. Mersing	280	49	1	9	206	21	19	67	23	2	2	—	—	—	679
24. Kuantan	135	22	17	4	122	11	1	122	260	—	—	—	—	—	694
25. Pekan	104	11	2	2	190	13	—	86	102	—	—	—	—	—	510
26. Kuala Rompin	72	8	4	1	66	—	9	15	12	2	—	—	—	—	189
27. Kemaman	89	14	19	3	24	22	—	85	—	—	—	—	—	—	256
28. Dungun	67	13	20	5	115	4	—	39	—	—	—	—	—	—	263
29. Marang	55	25	21	6	140	10	—	3	—	—	—	—	—	—	260
30. Kuala Trengganu	205	47	23	6	155	13	—	36	—	—	—	—	—	—	485
31. Besut	58	49	41	36	439	31	—	16	—	—	—	—	—	—	670
32. Kota Bahru	103	25	11	96	502	31	—	16	393	—	—	—	—	—	1,177
33. Bacok	8	11	—	17	410	23	—	6	143	—	—	—	—	—	618
JUMLAH (Total)	4,587	736	258	1,698	15,890	302	233	825	2,129	1,830	231	6	3,540	529	32,794

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.16

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)											
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)	
Pukat Tunda (Trawl Nets)	4,358	—	—	4,358	230	1,370	965	236	120	1,040	279	107	10	1	
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	659	9	—	650	—	12	31	32	54	313	148	56	4	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	373	54	6	313	9	43	58	46	15	73	39	29	1	—
	Lain-Lain (Other Seines)	1,579	191	362	1,026	777	235	10	2	—	2	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	14,321	2,497	4,168	7,656	2,903	4,004	529	158	46	13	1	1	1	—	—
Pukat Tangguk (Lift Nets)	624	178	130	316	62	148	51	14	8	25	8	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	150	31	67	52	28	19	4	—	1	—	—	—	—	—
	Bubu (Portable)	636	32	78	526	42	176	161	69	31	34	10	2	1	—
Pancing (Hook & Lines)	5,488	1,625	1,242	2,621	771	1,037	598	162	26	18	4	3	1	1	—
Pukat Bakul (Bag Nets)	787	176	203	408	361	39	1	4	2	1	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	145	72	58	15	14	1	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	207	118	55	34	21	12	1	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	301	19	33	249	232	16	—	1	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	634	425	178	31	14	3	—	—	—	—	—	14	—	—	—
Pembawa Ikan (Fish Carriers)	258	75	5	178	46	57	20	5	4	7	8	25	6	—	—
Jumlah (Total)	30,520	5,502	6,585	18,433	5,510	7,172	2,429	729	307	1,526	497	237	24	2	—

PERLIS
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(a)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Kertas (100 Tons & above)
Pukat Tunda (Trawl Nets)	207	—	—	207	17	67	73	19	6	20	5	—	—	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	102	—	—	102	—	—	2	2	6	63	24	5	—
	Pukat Jerut Biliis (Purse Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-Lain (Other Seines)	11	8	3	—	—	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	308	39	179	90	66	16	3	3	—	2	—	—	—	—
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	1	—	—	1	—	1	—	—	—	—	—	—	—
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Hook & Lines)	84	56	4	24	6	11	4	3	—	—	—	—	—	—
Pukat Bekul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	9	9	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total)	722	112	186	424	89	95	82	27	12	85	29	5	—	—

PULAU PINANG (PENANG)
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(c)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	193	—	—	193	—	—	—	—	—	167	17	8	1	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	78	—	—	78	—	1	10	9	5	29	12	12	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	2	—	—	2	—	—	—	1	1	—	—	—	—
	Lain-Lain (Other Seines)	281	31	19	231	133	94	2	1	—	1	—	—	—
Pukat Hanyut (Gill/Drift Nets)	1,619	342	649	628	307	310	6	5	—	—	—	—	—	—
Pukat Tangguk (Lift Nets)	23	—	—	23	10	6	—	—	1	3	3	—	—	—
Perangkap (Trops)	Belat-Belat (Stakes)	6	6	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	43	7	7	29	1	—	6	16	4	1	—	—	—
Pancing (Hook & Lines)	219	78	121	20	10	7	1	2	—	—	—	—	—	—
Pukat Bekul (Bag Nets)	165	5	96	64	64	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	43	24	19	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	30	12	14	4	3	1	—	—	—	—	—	—	—	—
Rampai (Miscellaneous)	39	28	10	1	1	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	13	1	1	11	1	5	2	3	—	—	—	—	—	—
Jumlah (Total)	2,754	534	936	1,284	530	424	27	37	11	201	33	20	1	—

PERAK
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
 (Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(d)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	1,666	—	—	1,666	136	732	469	41	12	151	82	43	—	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	144	—	—	144	—	9	9	5	4	64	39	14	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	20	—	—	20	—	—	—	1	—	14	4	1	—
	Lain-Lain (Other Seines)	899	78	108	713	610	102	1	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	2,362	429	482	1,451	869	539	39	2	—	1	—	1	—	—
Pukat Tangguk (Lift Nets)	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	7	5	—	2	1	—	1	—	—	—	—	—	—
	Bubu (Portable)	107	8	8	91	4	19	45	3	3	13	4	—	—
Pancing (Hook & Lines)	556	164	177	215	78	67	42	25	1	2	—	—	—	—
Pukat Bakul (Bag Nets)	92	1	6	85	84	1	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	25	1	9	15	14	1	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	248	6	16	226	216	9	—	1	—	—	—	—	—	—
Rampaiian (Miscellaneous)	475	323	125	27	12	1	—	—	—	—	—	14	—	—
Pembawa Ikan (Fish Carriers)	4	—	—	4	2	1	1	—	—	—	—	—	—	—
Jumlah (Total)	6,606	1,016	931	4,659	2,026	1,481	607	78	20	245	129	73	—	—

SELANGOR
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(e)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 - 4.9 Tan (Tons)	5 - 9.9 Tan (Tons)	10 - 14.9 Tan (Tons)	15 - 19.9 Tan (Tons)	20 - 24.9 Tan (Tons)	25 - 39.9 Tan (Tons)	40 - 49.9 Tan (Tons)	50 - 69.9 Tan (Tons)	70 - 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	487	—	—	487	7	51	97	31	9	236	41	14	1	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	12	—	—	12	—	—	—	—	1	3	6	2	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-Lain (Other Seines)	20	3	15	2	2	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	2,497	193	275	2,029	294	1,442	197	62	29	4	1	—	—	—
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	10	4	5	1	1	—	—	—	—	—	—	—	—
Pancing (Hook & Lines)	250	79	71	100	24	58	7	4	5	2	—	—	—	—
Pukat Bekul (Bag Nets)	295	90	4	201	160	34	1	3	2	1	—	—	—	—
Pukat Surung (Push/Scoop Nets)	31	13	18	—	—	—	—	—	—	—	—	—	—	—
Pukat Rintang (Barrier Nets)	35	23	2	10	2	7	1	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	17	—	—	17	12	5	—	—	—	—	—	—	—	—
Rampaiian (Miscellaneous)	42	27	12	3	1	2	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	14	4	—	10	2	1	—	1	3	3	—	—	—	—
Jumlah (Total)	3,710	436	402	2,872	504	1,601	303	101	49	249	48	16	1	—

NEGERI SEMBILAN
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(f)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentara (Non- powered)	Bot Berjentara Sangkut (Out-board powered)	Bot Berjentara Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-Lain (Other Seines)	6	4	2	—	—	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	185	61	32	92	18	72	2	—	—	—	—	—	—	—
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Hook & Lines)	21	6	6	9	3	6	—	—	—	—	—	—	—	—
Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total)	212	71	40	101	21	78	2	—	—	—	—	—	—	—

MELAKA (MALACCA)
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(g)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-Lain (Other Seines)	19	4	15	—	—	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	848	58	317	473	85	379	4	3	1	1	—	—	—	—
Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	6	2	4	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Hook & Lines)	111	20	56	35	3	31	1	—	—	—	—	—	—	—
Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	7	4	3	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	1	—	—	1	—	1	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total)	993	89	395	509	88	411	5	3	1	1	—	—	—	—

JOHOR BARAT (WEST JOHORE)
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(h)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	332	—	—	332	17	157	93	42	14	9	—	—	—	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-Lain (Other Seines)	61	13	47	1	1	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	2,449	509	899	1,041	519	513	6	2	1	—	—	—	—	—
Pukat Tangguk (Lift Nets)	3	—	3	—	—	—	—	—	—	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	72	6	51	15	15	—	—	—	—	—	—	—	—
	Bubu (Portable)	62	3	47	12	—	9	1	2	—	—	—	—	—
Pancing (Hook & Lines)	807	367	422	18	10	7	—	—	1	—	—	—	—	—
Pukat Bakul (Bag Nets)	19	5	1	13	9	3	—	1	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	22	16	6	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	97	53	20	24	19	5	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	5	1	3	1	1	—	—	—	—	—	—	—	—	—
Rampaihan (Miscellaneous)	12	9	3	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	12	—	4	8	6	2	—	—	—	—	—	—	—	—
Jumlah (Total)	3,953	982	1,506	1,465	597	696	100	47	16	9	—	—	—	—

KELANTAN

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(ii)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)											
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)	
Pukat Tunda (Trawl Nets)	98	—	—	98	—	34	33	9	3	18	—	—	1	—	
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	39	—	—	39	—	1	—	1	4	18	8	5	2	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	13	11	—	2	—	1	1	—	—	—	—	—	—	—
	Lain-Lain (Other Seines)	91	2	70	19	9	7	1	1	—	1	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	753	80	105	568	355	118	42	45	6	1	—	—	1	—	
Pukat Tangguk (Lift Nets)	121	28	56	37	7	17	8	2	2	1	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	24	—	—	24	1	1	3	2	5	9	3	—	—	—
Pancing (Hook & Lines)	565	104	85	376	172	93	66	34	5	5	—	—	1	—	
Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampai (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	3	1	—	2	2	—	—	—	—	—	—	—	—	—	—
Jumlah (Total)	1,707	226	316	1,165	546	272	154	94	25	53	11	5	5	—	—

TRENGGANU
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(j)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	191	—	—	191	2	37	65	23	6	37	5	8	7	1
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	123	—	123	—	1	9	11	24	59	18	1	—	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	167	22	145	5	41	51	36	10	2	—	—	—	—
	Lain-Lain (Other Seines)	62	22	40	6	28	6	—	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	854	389	—	465	80	249	119	16	1	—	—	—	—	—
Pukat Tangguk (Lift Nets)	173	39	3	131	11	80	33	5	—	1	1	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	178	—	178	7	62	44	39	18	7	—	—	1	—
Pancing (Hook & Lines)	1,779	391	—	1,388	351	561	385	73	13	3	1	—	—	1
Pukat Bakul (Bag Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	164	69	—	95	32	46	15	1	1	—	—	—	—	—
Jumlah (Total)	3,691	932	3	2,756	494	1,105	727	204	73	109	25	9	8	2

PAHANG

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(k)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	324	–	–	324	26	190	41	9	6	41	8	3	–	–
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	30	–	–	30	–	–	–	1	2	11	12	4	–
	Pukat Jerut Bilis (Purse Seine-Anchovy)	51	21	6	24	4	1	6	6	3	3	1	–	–
	Lain-Lain (Other Seines)	45	1	34	10	9	1	–	–	–	–	–	–	–
Pukat Hanyut (Gill/Drift Nets)	269	85	17	167	27	100	32	7	1	–	–	–	–	–
Pukat Tangguk (Lift Nets)	79	46	–	33	4	14	8	4	–	3	–	–	–	–
Perangkap (Traps)	Belat-Belat (Stakes)	1	–	–	1	–	–	–	–	1	–	–	–	–
	Bubu (Portable)	143	4	–	139	10	63	57	6	1	2	–	–	–
Pancing (Hook & Lines)	215	21	2	192	27	96	55	13	1	–	–	–	–	–
Pukat Bekul (Bag Nets)	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Pukat Surung (Push/Scoop Nets)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pukat Rentang (Barrier Nets)	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Memungut Siput (Shellfish Collections)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rampaiian (Miscellaneous)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pembawa Ikan (Fish Carriers)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jumlah (Total)	1,160	181	59	920	107	465	199	46	15	60	21	7	–	–

JOHOR TIMUR (EAST JOHORE)
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(I)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)										
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)
Pukat Tunda (Trawl Nets)	305	—	—	305	4	42	27	24	44	103	40	21	—	—
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	74	4	—	70	—	—	—	4	32	24	9	1	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-Lain (Other Seines)	19	10	4	5	2	3	—	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	504	49	156	299	86	154	56	1	1	1	—	—	—	—
Pukat Tangguk (Lift Nets)	115	64	19	32	—	1	2	3	5	17	4	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	40	9	10	21	7	11	3	—	—	—	—	—	—
	Bubu (Portable)	61	3	7	51	19	21	4	1	—	2	2	2	—
Pancing (Hook & Lines)	586	170	210	206	58	96	32	8	—	6	3	3	—	—
Pukat Bakul (Bag Nets)	114	10	59	45	44	1	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	13	8	5	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	44	16	28	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	5	—	—	5	1	2	2	—	—	—	—	—	—	—
Jumlah (Total)	1,880	343	498	1,039	221	331	126	37	54	161	73	35	1	—

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

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

Dalam Metrik Ton – In Metric Tonnes

Jadual (Table) 2.1

Negeri (State)		1976		1977		1978		1979		1980	
		Kuantiti (Qty.)	Nilai \$ (Value \$)	Kuantiti (Qty.)	Nilai \$ (Value \$)	Kuantiti (Qty.)	Nilai \$ (Value \$)	Kuantiti (Qty.)	Nilai \$ (Value \$)	Kuantiti (Qty.)	Nilai \$ (Value \$)
PANTAI BARAT (West Coast)	Perlis	9,906	11,467,973	14,333	18,743,302	14,544	27,690,361	18,194	26,985,578	26,732	35,922,681
	Kedah	51,953	101,582,246	71,616	148,232,460	66,491	170,987,018	86,199	203,415,251	99,500	189,435,291
	Pulau Pinang (Penang)	17,155	45,559,356	28,023	44,313,230	22,522	48,452,722	28,349	46,440,921	40,010	61,065,108
	Perak	108,574	178,666,791	143,158	254,065,774	186,645	415,445,997	189,638	295,992,154	230,683	316,624,988
	Selangor	91,664	121,493,744	105,857	145,472,323	104,705	258,674,583	88,657	190,743,715	78,522	135,341,746
	N. Sembilan	460	1,301,416	450	1,405,958	422	1,357,151	439	1,196,251	479	1,173,846
	Melaka	1,313	2,829,457	1,453	3,564,026	2,441	5,306,208	2,409	7,021,076	2,524	8,145,858
	Johor Barat (West Johore)	13,554	30,170,582	12,977	33,526,837	13,004	38,114,766	18,462	38,222,132	15,045	31,607,727
	JUMLAH KECIL (Sub-Total)	294,579	493,071,565	377,867	649,323,910	410,774	966,028,806	432,347	810,017,078	493,495	779,317,245
PANTAI TIMUR (East Coast)	Kelantan	13,346	18,100,629	6,489	11,783,998	14,493	31,698,269	15,437	20,396,599	18,482	26,318,801
	Trengganu	55,293	79,172,679	77,800	120,206,433	75,349	163,272,752	65,584	88,482,647	58,623	93,555,583
	Pahang	14,188	15,046,005	13,960	16,972,313	16,317	29,234,849	16,614	19,726,691	22,980	35,316,196
	Johor Timur (East Johore)	33,562	36,847,503	21,836	30,206,875	47,965	103,176,609	40,923	48,952,569	30,318	43,489,522
	JUMLAH KECIL (Sub-Total)	116,389	149,166,816	120,085	179,169,619	154,124	327,382,469	138,558	177,558,506	130,403	198,680,102
	JUMLAH BESAR (Grand Total)	410,968	642,238,381	497,952	828,493,529	564,898	1,293,411,275	570,905	987,575,584	623,898	977,997,347

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT NEGERI BAGI TAHUN 1980
(Landings of Marine Fish by States for the Year 1980)

Jadual (Table 2.2)

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	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (Johore West)		Kelantan	Trengganu	Pahang	Johor Timur (Johore East)		
Kuantiti (Quantity)	Pikul (Piculs)	441,871	1,644,742	661,361	3,813,191	1,297,971	7,916	41,722	248,695	8,157,469	305,500	969,032	379,868	501,154	2,155,554	10,313,023
	M. Ton (Metric Tonne)	26,732	99,500	40,010	230,683	78,522	479	2,524	15,045	493,495	18,482	58,623	22,980	30,318	130,403	623,898
Peratus (Percentage)		4.29	15.95	6.41	36.97	12.59	0.08	0.40	2.41	79.10	2.96	9.40	3.68	4.86	20.90	100%

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN NEGERI – 1980
(Landings of Marine Fish by Month and State – 1980)

Jadual (Table) 2.3

Negeri (State) / Bulan (Month)		Januari (Jan.)	Februari (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	September (Sept.)	Oktober (Oct.)	November (Nov.)	Disember (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
Pantai Barat (West Coast)	Perlis	38,222	41,292	41,468	42,147	39,633	37,412	36,036	32,959	35,068	34,811	33,733	29,090	441,871	26,732
	Kedah	169,332	166,663	188,482	137,265	170,149	145,585	64,004	97,568	130,125	113,302	130,708	131,559	1,644,742	99,500
	Pulau Pinang	31,218	35,017	42,855	61,538	69,682	65,858	80,331	83,863	53,236	45,553	44,015	48,195	661,361	40,010
	Perak	247,629	219,871	275,742	315,228	328,296	395,794	356,532	268,246	378,493	360,908	305,544	360,908	3,813,191	230,683
	Selangor	137,116	134,704	116,710	120,401	118,699	122,181	126,593	123,294	74,833	83,534	69,057	70,849	1,297,971	78,522
	Negeri Sembilan	645	675	665	614	669	699	715	740	616	595	609	674	7,916	479
	Melaka	3,410	3,307	3,630	3,542	3,509	3,452	3,376	3,576	3,678	3,455	3,361	3,426	41,722	2,524
	Johor Barat (West)	17,706	13,312	18,934	18,731	11,399	23,487	22,419	15,383	18,838	27,489	30,766	30,231	248,695	15,045
Jumlah Kecil (Sub-Total)		645,278	614,841	688,486	699,466	742,036	794,468	690,006	625,629	694,887	669,647	617,793	674,932	8,157,469	493,495
Pantai Timur (East Coast)	Kelantan	14,978	25,337	32,232	32,948	32,289	27,666	29,637	29,383	31,582	26,823	18,012	4,613	305,500	18,482
	Trengganu	74,328	79,844	96,651	85,057	82,857	82,834	75,022	89,851	135,178	73,780	63,713	29,917	969,032	58,623
	Pahang	21,142	22,950	30,122	28,369	28,952	33,458	32,875	29,620	57,410	46,013	43,101	5,856	379,868	22,980
	Johor Timur (East)	21,141	23,789	61,010	46,276	41,288	25,436	60,571	42,872	49,547	39,146	56,146	33,932	501,154	30,318
	Jumlah Kecil (Sub Total)	131,589	151,920	220,015	192,650	185,386	169,394	198,105	191,726	273,717	185,762	180,972	74,318	2,155,554	130,403
Jumlah Besar (Grand Total)	Pikul (Piculs)	776,867	766,761	908,501	892,116	927,422	963,862	888,111	817,355	968,604	855,409	798,765	749,250	10,313,023	623,898
	Metrik Ton (Metric Tonnes)	46,998	46,386	54,961	53,969	56,105	58,310	53,727	49,447	58,597	51,749	48,322	45,327		

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by State and Gear Group – 1980)

Jadual (Table) 2.4

NEGERI (STATE)	PANTAI BARAT (WEST COAST)								Jumlah Kecil (Sub- Total)	PANTAI TIMUR (EAST COAST)				Jumlah Kecil (Sub- Total)	Jumlah (Total)	
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat (West Johore)		Kelantan	Terengganu	Pahang	Johor Timur (East Johore)		Pikul (Piculs)	M. Ton (M Tonnes)
KUMPULAN PERKAKAS (GEAR GROUP)																
Pukat-Pukat Tunda (Trawl Nets)	173,583	1,194,665	90,705	751,506	857,887	—	—	138,042	3,206,388	37,028	139,840	193,147	180,527	550,542	3,756,930	277,280
P. P. Tarik (Seine Nets)																
Pukat Jerut Ikan (P. Seine — Fish)	240,621	65,706	222,250	597,487	75,299	—	—	—	1,201,363	185,550	360,792	50,206	175,603	772,151	1,973,514	119,390
Pukat Jerut Bilis (P. Seine — Anchovy)	—	317,902	—	140,378	—	—	—	—	458,280	993	54,334	7,075	—	62,402	520,682	31,499
Lain-Lain (Other Seines)	1,080	3,037	44,790	223,567	2,268	971	2,700	2,449	280,862	4,614	5,239	4,135	—	13,988	294,850	17,837
Pukat-Pukat Hanyut (Gill/drift Nets)	8,853	30,636	102,296	137,299	63,616	3,847	25,772	52,728	425,047	16,831	139,000	41,872	34,695	232,398	657,445	39,773
Pukat-Pukat Tangguk (Lift Nets)	—	1,210	—	—	2,440	—	—	—	3,650	42,811	66,020	17,385	1,854	128,070	131,720	7,969
Perangkap Perangkap (Traps)																
Belat-Belat (Stakes)	10,279	9,710	—	85,761	—	—	2,550	14,709	123,009	—	—	527	10,048	10,575	133,584	8,081
Bubu (Portable)	—	1,494	6,519	26,177	—	680	—	3,630	38,500	4,304	65,730	16,320	2,055	88,409	126,909	7,677
Pancing (Hook & Lines)	2,763	4,048	2,790	46,056	20,868	2,295	8,502	15,215	102,537	3,294	122,891	49,133	63,378	238,696	341,233	20,643
Pukat Pukat Bakul (Bag Nets)	—	12,614	27,885	39,076	129,454	—	—	15,545	224,574	—	—	44	32,994	33,038	257,612	15,585
Pukat-Pukat Rentang (Barrier Nets)	1,214	646	—	323	7,371	—	810	4,536	14,900	—	—	—	—	—	14,900	901
Pukat-Pukat Surung (Push/Scoop Nets)	—	356	9,142	19,857	—	—	1,209	—	30,564	—	—	—	—	—	30,564	1,849
Memungut Siput (Shellfish Collection)	2,174	1,903	154,790	1,741,700	137,318	—	—	1,764	2,039,649	—	—	24	—	24	2,039,673	123,393
Rampai (Miscellaneous)	1,304	815	194	4,004	1,450	123	179	77	8,146	10,075	15,186	—	—	25,261	33,407	2,021
Jumlah, Pikul (Piculs) (Total) M. Ton (M. Tonnes)	441,871 26,732	1,644,742 99,500	661,361 40,010	3,813,191 230,683	1,297,971 78,522	7,916 479	41,722 2,524	248,695 15,045	8,157,469 493,495	305,500 18,482	969,032 58,623	379,868 22,980	501,154 30,318	2,155,554 130,403	10,313,023	623,898

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.5

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mach (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)		364,336	323,833	410,165	339,116	348,905	332,845	269,206	281,868	282,920	254,948	302,158	246,630	3,756,930	227,280
P.P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	91,051	113,478	149,570	166,285	208,108	230,330	248,130	187,659	251,476	148,537	73,763	105,127	1,973,514	119,390
	Pukat Jerut Biliis (P. Seine Anchovy)	73,249	57,544	54,924	48,298	74,860	79,119	34,154	14,406	31,586	19,292	17,083	16,167	520,682	31,499
	Lain-Lain (Other Seines)	27,438	34,286	39,127	27,733	25,334	25,336	15,089	17,190	20,399	21,818	21,480	19,620	294,850	17,837
Pukat-Pukat Hanyut (Drift/Gill Nets)		34,723	34,663	42,043	49,632	46,692	47,678	72,161	61,571	66,859	77,715	62,493	61,215	657,445	39,773
Pukat-Pukat Tangguk (Lift Nets)		4,756	8,195	11,192	12,407	12,365	12,472	12,116	10,667	17,849	14,408	10,235	5,058	131,720	7,969
Perangkap- Perangkap (Traps)	Belat-Belat (Stationary)	9,648	9,581	18,073	6,674	10,013	9,640	9,332	12,925	10,468	11,450	14,066	11,714	133,584	8,081
	Bubu (Portable)	7,298	7,176	8,743	8,621	11,298	10,505	11,742	12,949	13,524	14,397	11,192	9,464	126,909	7,677
Pancing (Lines)		16,426	19,001	22,040	23,580	22,295	23,353	25,999	33,009	48,261	40,369	46,212	20,688	341,233	20,643
Pukat-Pukat Bakul (Bag Nets)		25,063	24,249	21,796	24,230	20,032	24,064	18,667	18,206	17,563	19,366	24,400	19,976	257,612	15,585
Pukat-Pukat Rentang (Barrier Nets)		867	1,095	994	1,717	1,325	954	1,088	1,199	1,272	1,210	2,179	1,000	14,900	901
Pukat-Pukat Surung (Push/Scoop Nets)		3,121	4,111	3,558	2,939	3,227	3,428	2,243	2,130	603	468	3,558	1,178	30,564	1,849
Memungut Siput (Shellfish Collection)		116,311	125,410	121,812	177,451	136,262	159,015	164,792	162,893	204,954	230,681	209,438	230,654	2,039,673	123,393
Rampaian (Miscellaneous)		2,580	4,139	4,464	3,433	6,706	5,123	3,392	683	870	750	508	759	33,407	2,021
Jumlah : Pikul (Piculs)		776,867	766,761	908,501	892,116	927,422	963,862	888,111	817,355	968,604	855,409	798,765	749,250	10,313,023	
(Total) M. Ton (M. Tonnes)		46,998	46,386	54,961	53,969	56,105	58,310	53,727	49,447	58,597	51,749	48,322	45,327		623,898

PANTAI BARAT SEMENANJUNG MALAYSIA
(WEST COAST PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.6

Kumpulan Perkakas (Gear Group)		Bulan (Month)												Jumlah (Total)	
		Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		309,379	272,958	340,104	292,997	309,892	300,802	219,978	233,502	235,886	220,176	245,330	225,384	3,206,388	193,974
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	58,503	59,922	64,690	86,145	129,501	161,864	179,541	108,249	129,545	92,969	44,690	85,744	1,201,363	72,678
	Pukat Jerut Bilis (P. Seine Anchovy)	60,734	52,812	48,190	40,511	66,399	72,049	28,583	12,955	27,975	15,291	16,614	16,167	458,280	27,724
	Lain-lain (Other Seines)	26,543	33,193	35,868	23,911	24,257	24,828	14,641	17,026	18,780	21,670	20,547	19,598	280,862	16,991
	Pukat-Pukat Hanyut (Drift/Gill Nets)	27,185	23,616	26,196	33,585	29,212	28,755	42,396	40,900	36,080	45,860	38,790	52,472	425,047	25,714
Pukat-Pukat Tangguk (Lift Nets)		160	159	193	935	115	132	166	182	266	475	420	447	3,650	221
Perangkap Perangkap (Traps)	Belat-Belat (Stationery)	9,648	9,581	17,631	5,946	9,982	8,998	8,710	11,329	9,484	10,670	10,847	10,183	123,009	7,441
	Bubu (Portable)	3,011	2,012	2,951	1,999	4,234	3,416	4,078	5,438	3,417	4,228	409	3,307	38,500	2,329
Pancing (Lines)		6,291	6,754	5,348	8,104	8,708	7,447	8,250	12,653	11,245	11,219	7,902	8,616	102,537	6,203
Pukat-Pukat Bekul (Bag Nets)		22,445	22,279	20,123	22,724	18,623	22,150	15,061	16,586	14,595	13,980	16,585	19,423	224,574	13,586
Pukat-Pukat Rentang (Barrier Nets)		867	1,095	994	1,717	1,325	954	1,088	1,199	1,272	1,210	2,179	1,000	14,900	901
Pukat-Pukat Surung (Push/Scoop Nets)		3,121	4,111	3,558	2,939	3,227	3,428	2,243	2,130	603	468	3,558	1,178	30,564	1,849
Memungut Siput (Shellfish Collection)		116,311	125,410	121,812	177,451	136,262	159,015	164,792	162,893	204,954	230,681	209,414	230,654	2,039,649	123,391
Rampai (Miscellaneous)		1,080	939	828	502	299	630	479	587	785	750	508	759	8,146	493
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		645,218 39,037	614,841 37,195	683,486 41,651	699,466 42,315	742,036 44,890	794,468 48,062	690,006 41,743	625,629 37,848	694,887 42,038	669,647 40,511	617,793 37,374	674,932 40,831	8,157,469	493,495

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

PANTAI TIMUR SEMENANJUNG MALAYSIA
(EAST COAST PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.7

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mar. (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)		54,957	50,875	70,061	46,119	39,013	32,043	49,228	48,366	47,034	34,772	56,828	21,246	550,542	33,306
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	32,548	53,556	84,880	80,140	78,607	68,466	68,589	79,410	121,931	55,568	29,073	19,383	772,151	46,712
	Pukat Jerut Bilis (P. Seine Anchovy)	12,515	4,732	6,734	7,787	8,461	7,070	5,571	1,451	3,611	4,001	469	—	62,402	3,775
	Lain-lain (Other Seines)	895	1,093	3,259	3,822	1,077	508	448	164	1,019	148	933	22	13,988	846
Pukat-Pukat Hanyut (Drift/Gill Nets)		7,538	11,047	15,847	16,047	17,480	18,923	29,765	20,671	30,779	31,855	23,703	8,743	232,398	14,059
Pukat-Pukat Tangguk (Lift Nets)		4,596	8,036	10,999	11,472	12,250	12,340	11,950	10,485	17,583	13,933	9,815	4,611	128,070	7,748
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	—	—	442	728	31	642	622	1,596	984	780	3,219	1,531	10,575	640
	Bubu (Portable)	4,287	5,164	5,792	6,622	7,064	7,089	7,664	7,511	10,107	10,169	10,783	6,157	88,409	5,348
Pancing (Lines)		10,135	12,247	16,692	15,476	13,587	15,906	17,749	20,356	37,016	29,150	38,310	12,072	238,696	14,440
Pukat-Pukat Bekul (Bag Nets)		2,618	1,970	1,673	1,506	1,409	1,914	3,606	1,620	2,968	5,386	7,815	553	33,038	1,999
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	24	—	24	2
Rampaian (Miscellaneous)		1,500	3,200	3,636	2,931	6,407	4,493	2,913	96	85	—	—	—	25,261	1,528
Jumlah : Pikul (Piculs) (Total) M. Ton (M. Tonnes)		131,589 7,961	151,920 9,191	220,015 13,310	192,650 11,654	185,386 11,215	169,394 10,248	198,105 11,984	191,726 11,599	273,717 16,559	185,762 11,238	180,972 10,948	74,318 4,496	2,155,554	130,403

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

PERLIS
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(a)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mach (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)		14,627	14,606	14,499	14,545	14,512	14,593	14,569	14,539	14,423	14,419	14,317	13,934	173,583	10,501
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	21,105	24,012	23,990	23,833	21,802	21,515	20,207	17,110	19,325	18,710	15,532	13,480	240,621	14,557
	Pukat Jerut Bilis (P. Seine Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	98	96	94	90	94	90	90	95	90	85	80	78	1,080	65
Pukat-Pukat Henryut (Drift/Gill Nets)		761	798	788	800	780	783	737	766	778	721	587	554	8,853	536
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap Perangkap (Traps)	Belat-Belat (Stationery)	1,196	1,342	1,638	2,421	2,027	—	—	—	—	412	608	635	10,279	622
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Lines)		225	223	235	233	204	224	230	242	238	248	239	222	2,763	167
Pukat-Pukat Bekul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		98	102	102	105	104	95	99	107	107	107	96	92	1,214	73
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	2,174	—	2,174	132
Rampai (Miscellaneous)		112	113	122	120	110	112	104	100	107	109	100	95	1,304	79
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		38,222 2,312	41,292 2,498	41,468 2,509	42,147 2,550	39,633 2,398	37,412 2,263	36,036 2,180	32,959 1,994	35,068 2,121	34,811 2,106	33,733 2,041	29,090 1,760	441,871	26,732

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

KEDAH
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(b)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mar. (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)		108,999	104,042	143,413	100,134	124,494	103,451	39,765	82,250	87,223	88,916	106,575	105,403	1,194,665	72,272
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	2,329	11,078	17,813	5,240	10,934	1,128	1,553	990	7,384	1,685	2,419	3,153	65,706	3,975
	Pukat Jerut Bilis (P. Seine Anchovy)	55,859	49,599	24,930	29,673	32,460	32,405	14,196	5,893	27,605	14,976	14,454	15,852	317,902	19,232
	Lain-lain (Other Seines)	148	145	213	187	220	306	373	350	282	318	237	258	3,037	184
	Pukat-Pukat Hanyut (Drift/Gill Nets)	304	316	496	503	543	4,264	3,905	4,394	3,982	4,153	4,061	3,715	30,636	1,853
Pukat-Pukat Tangguk (Lift Nets)		111	102	153	144	71	65	76	75	95	125	96	97	1,210	73
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	430	351	275	404	434	1,350	1,335	1,214	1,194	847	779	988	9,601	581
	Bubu (Portable)	62	56	74	75	56	251	266	194	176	117	94	73	1,494	90
Pancing (Lines)		206	202	226	260	317	505	636	459	416	299	265	257	4,048	245
Pukat-Pukat Bakul (Bag Nets)		595	476	614	419	300	1,511	1,545	1,420	1,439	1,540	1,427	1,437	12,723	770
Pukat-Pukat Rintang (Barrier Nets)		74	64	35	27	47	75	107	59	30	48	46	34	646	39
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	62	48	—	50	64	44	39	49	356	22
Memungut Siput (Shellfish Collection)		180	190	190	155	160	130	145	130	150	160	149	164	1,903	115
Rampasan (Miscellaneous)		35	42	50	44	51	96	102	90	85	74	67	79	815	49
Jumlah, Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		169,332 10,244	166,663 10,083	188,482 11,402	137,265 8,304	170,149 10,293	145,585 8,807	64,004 3,872	97,568 5,903	130,125 7,872	113,302 6,854	130,708 7,907	131,559 7,959	1,644,742	99,500

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

PULAU PINANG
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(c)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mar. (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)		11,430	5,125	9,451	6,844	6,154	9,191	8,441	8,347	8,176	6,967	3,746	6,833	90,705	5,487
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	3,103	9,829	12,933	32,973	27,743	17,905	41,479	42,661	17,769	6,979	5,098	3,778	222,250	13,445
	Pukat Jerut Bilis (P. Seine Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	3,560	3,275	3,449	2,254	7,026	1,897	1,651	2,467	2,919	5,484	6,759	4,049	44,790	2,710
Pukat-Pukat hanyut (Drift/Gill Nets)		6,886	6,734	5,503	6,580	10,359	5,401	12,299	7,669	6,563	9,522	11,832	12,948	102,296	6,189
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	394	589	622	426	1,526	535	790	342	277	340	222	456	6,519	394
Pancing (Lines)		172	241	265	347	114	124	248	173	340	420	170	176	2,790	169
Pukat-Pukat Bekul (Bag Nets)		643	1,065	2,221	3,083	4,679	4,215	1,500	3,154	2,946	1,828	557	1,994	27,885	1,687
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		804	1,826	733	738	881	1,200	423	375	426	320	307	1,109	9,142	553
Memungut Siput (Shellfish Collection)		4,226	6,300	7,638	8,271	11,200	25,380	13,500	18,675	13,800	13,680	15,300	16,820	154,790	9,364
Rampaiian (Miscellaneous)		—	33	40	22	—	10	—	—	20	13	24	32	194	12
Jumlah : Pikul (Piculs) (Total) M. Ton (M. Tonnes)		31,218 1,889	35,017 2,118	42,855 2,592	61,538 3,723	69,682 4,215	65,858 3,984	80,331 4,860	83,863 5,073	53,236 3,221	45,553 2,756	44,015 2,663	48,195 2,916	661,361	40,010

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

PERAK
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(d)

Kumpulan Perkakas (Gear Group)		Bulan (Month)												Jumlah (Total)	
		Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)		62,599	41,815	78,113	75,911	75,506	72,643	52,870	35,171	75,322	52,422	76,712	52,422	751,506	45,463
P. P. Tarik (Seine Nets)	Pukat Jerut (ikan (P. Seine Fish)	28,916	12,617	7,559	20,807	65,780	119,105	107,190	39,262	77,031	53,615	11,990	53,615	597,487	36,146
	Pukat Jerut Bilis (P. Seine Anchovy)	4,875	3,213	23,260	10,838	33,939	39,644	14,387	7,062	370	315	2,160	315	140,378	8,492
	Lain-lain (Other Seines)	22,382	29,232	31,614	20,699	16,263	21,872	12,002	13,766	14,504	14,504	12,225	14,504	223,567	13,525
Pukat-Pukat Hanyut (Drift/Gill Nets)		10,716	7,143	6,733	14,626	6,445	8,254	13,773	17,142	14,092	16,425	5,525	16,425	137,299	8,306
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap Perangkap (Traps)	Belat-Belat (Stationery)	6,734	5,024	12,162	2,086	7,141	7,280	7,004	8,548	7,807	7,785	6,405	7,785	85,761	5,188
	Bubu (Portable)	2,498	1,013	1,832	1,119	2,345	2,390	2,861	3,878	2,891	2,675	—	2,675	26,177	1,584
Pancing (Lines)		1,743	2,941	1,111	3,116	4,861	3,604	3,517	7,543	5,256	5,019	2,326	5,019	46,056	2,786
Pukat-Pukat Bakul (Bag Nets)		1,274	910	2,811	939	2,937	4,731	4,032	3,865	4,707	4,707	3,456	4,707	39,076	2,364
Pukat-Pukat Rintang (Barrier Nets)		—	—	—	—	—	—	104	172	—	—	47	—	323	20
Pukat-Pukat Surung (Push/Scoop Nets)		2,206	2,177	2,654	2,090	2,189	2,092	1,730	1,600	—	—	3,119	—	19,857	1,201
Memungut Siput (Shellfish Collection)		103,305	113,600	107,684	162,705	110,778	113,792	136,816	129,888	175,988	202,916	181,312	202,916	1,741,700	105,366
Rampaian (Miscellaneous)		381	186	209	292	112	387	246	349	525	525	267	525	4,004	242
Jumlah , Pikul (Piculs) (Total) M. Ton (M. Tonnes)		247,629 14,981	219,871 13,301	275,742 16,681	315,228 19,070	328,296 19,861	395,794 23,944	356,532 21,569	268,246 16,228	378,493 22,897	360,908 21,833	305,544 18,484	360,908 21,834	3,813,191	230,683

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

SELANGOR
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(e)

Kumpulan Perkakas (Gear Group)	Bulan (Month)												Jumlah (Total)	
	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)	101,069	100,049	86,445	82,786	82,884	84,030	89,399	86,925	40,884	44,940	29,129	29,347	857,887	51,899
P. P. Tarik (Seine Nets)														
Pukat Jerut Ikan (P. Seine Fish)	3,050	2,386	2,395	3,292	3,242	2,211	9,112	8,226	8,036	11,980	9,651	11,718	75,299	4,555
Pukat Jerut Bilis (P. Seine Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain (Other Seines)	78	102	95	124	134	164	—	—	428	408	396	339	2,268	137
Pukat-Pukat Hanyut (Drift/Gill Nets)	3,008	4,510	5,244	5,689	5,433	4,835	3,802	4,041	3,756	3,856	9,766	9,676	63,616	3,849
Pukat-Pukat Tangguk (Lift Nets)	49	57	40	791	44	67	90	107	171	350	324	350	2,440	148
Perangkap- Perangkap (Traps)														
Belat-Belat (Stationery)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Lines)	1,597	1,641	1,867	2,755	1,871	1,741	1,660	1,665	1,788	1,589	1,371	1,323	20,868	1,262
Pukat-Pukat Bakul (Bag Nets)	18,790	19,737	13,381	17,949	10,312	8,787	7,567	7,470	4,047	5,881	7,905	7,628	129,454	7,831
Pukat-Pukat Rentang (Barrier Nets)	345	362	563	695	655	633	632	660	707	605	723	791	7,371	446
Pukat-Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)	8,600	5,320	6,300	6,320	14,124	19,713	14,331	14,200	15,016	13,925	9,792	9,677	137,318	8,307
Rampai (Miscellaneous)	530	540	380	—	—	—	—	—	—	—	—	—	1,450	88
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)	137,116 8,295	134,704 8,149	116,710 7,061	120,401 7,284	118,699 7,181	122,181 7,391	126,593 7,658	123,294 7,459	74,833 4,527	83,534 5,053	69,057 4,178	70,849 4,286	1,297,971	78,522

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

NEGERI SEMBILAN
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(f)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mar. (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)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pukat Jerut Bilis (P. Seine Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	87	91	87	79	86	81	91	86	67	65	72	79	971	59
Pukat-Pukat Hanyut (Drift/Gill Nets)		293	311	301	290	323	370	376	390	321	294	270	308	3,847	233
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	57	57	59	61	64	61	57	64	48	42	50	60	680	41
Pancing (Lines)		201	207	208	176	187	177	179	190	171	182	204	213	2,295	139
Pukat-Pukat Bakul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampai (Miscellaneous)		7	9	10	8	9	10	12	10	9	12	13	14	123	7
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		645 39	675 41	665 40	614 37	669 41	699 42	715 43	740 45	616 37	595 36	609 37	674 41	7,916	479

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

MELAKA
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(g)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mar. (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)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pukat Jerut Bilis (P. Seine Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	190	180	227	223	233	236	228	262	276	259	251	135	2,700	164
Pukat-Pukat Menyut (Drift/Gill Nets)		2,112	2,041	2,228	2,193	2,180	2,139	2,096	2,159	2,181	2,105	2,068	2,270	25,772	1,559
Pukat-Pukat Tangguk (Lift Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	216	205	226	219	222	215	214	252	273	195	186	127	2,550	154
	Bubu (Portable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing (Lines)		705	701	738	710	689	691	666	705	735	699	672	791	8,502	514
Pukat-Pukat Bakul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		61	56	23	70	73	68	67	76	82	76	75	83	810	49
Pukat-Pukat Surung (Push/Scoop Nets)		111	108	171	111	95	88	90	105	113	104	93	20	1,209	73
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampai (Miscellaneous)		15	16	17	16	17	15	15	17	18	17	16	—	179	11
Jumlah . Pikul (Piculs) (Total) . M. Ton (M. Tonnes)		3,410 206	3,307 200	3,630 220	3,542 214	3,509 212	3,452 209	3,376 204	3,576 217	3,678 223	3,455 209	3,361 203	3,426 207	41,722	2,524

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

JOHOR BARAT (WEST JOHORE)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(h)

Kumpulan Perkakas (Gear Group)	Bulan (Month)												Jumlah (Total)	
	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Pikul (Piculs)	M. Ton (M. Tonnes)
Pukat-Pukat Tunda (Trawl Nets)	10,655	7,321	8,183	12,777	6,342	16,894	14,934	6,270	9,858	12,512	14,851	17,445	138,042	8,351
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pukat Jerut Bilis (P. Seine Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	—	72	89	255	201	182	206	—	214	527	156	2,449	148
Pukat-Pukat Hanyut (Drift/Gill Nets)	3,105	1,763	4,903	2,904	3,149	2,709	5,408	4,339	4,407	8,784	4,681	6,576	52,728	3,190
Pukat-Pukat Tangguk (Lift Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	1,072	2,659	3,221	816	158	153	157	1,315	210	1,431	2,869	648	14,709
	Bubu (Portable)	—	297	364	318	243	179	104	960	25	1,054	43	43	3,630
Pancing (Lines)	1,442	598	698	507	465	381	1,114	1,676	2,301	2,763	2,655	615	15,215	920
Pukat-Pukat Bekul (Bag Nets)	1,143	91	1,205	334	395	2,906	417	677	1,456	24	3,240	3,657	15,545	940
Pukat-Pukat Rentang (Barrier Nets)	289	511	271	820	446	83	79	125	346	374	1,192	—	4,536	274
Pukat-Pukat Surung (Push/Scoop Nets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)	—	—	—	—	—	—	—	—	—	—	687	1,077	1,764	107
Rampai (Miscellaneous)	—	—	—	—	—	—	—	21	21	—	21	14	77	5
Jumlah . Pikul (Piculs) (Total) M. Ton (M. Tonnes)	17,706 1,071	13,312 805	18,934 1,145	18,731 1,133	11,399 690	23,487 1,421	22,419 1,356	15,383 931	18,838 1,140	27,489 1,663	30,766 1,861	30,231 1,829	248,695	15,045

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

KELANTAN
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(i)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mar. (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)		2,447	2,774	3,350	3,215	2,879	2,755	3,418	3,837	4,416	3,906	2,728	1,303	37,028	2,240
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	6,930	12,950	18,046	19,469	20,041	18,692	19,589	19,260	19,729	16,336	12,255	2,253	185,550	11,225
	Pukat Jerut Bilis (P. Seine Anchovy)	135	110	105	145	131	138	91	88	50	—	—	—	993	60
	Lain-lain (Other Seines)	895	1,003	715	782	602	200	86	78	92	94	45	22	4,614	279
Pukat-Pukat hanyut (Drift/Gill Nets)		2,659	1,680	1,821	1,561	1,417	1,137	1,408	1,308	1,243	1,097	750	750	16,831	1,018
Pukat-Pukat Tangguk (Lift Nets)		170	3,270	4,811	5,298	5,399	4,079	4,244	3,957	5,186	4,455	1,833	109	42,811	2,590
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	120	185	359	447	395	356	463	476	523	542	290	148	4,304	261
Pancing (Lines)		122	165	275	401	430	309	338	379	343	393	111	28	3,294	199
Pukat-Pukat Bakul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rintang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		1,500	3,200	2,750	1,630	995	—	—	—	—	—	—	—	10,075	610
Jumlah (Total)		14,978 906	25,337 1,533	32,232 1,950	32,948 1,993	32,289 1,954	27,666 1,674	29,637 1,793	29,383 1,778	31,582 1,911	26,823 1,623	18,012 1,090	4,613 279	305,500	18,482

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

TRENGGANU
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(j)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mar. (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)		26,556	21,459	25,138	7,330	6,377	5,493	4,506	7,335	5,717	6,323	18,760	4,846	139,840	8,460
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	15,956	29,539	36,064	37,007	31,684	32,749	27,809	42,813	80,475	18,218	4,664	3,814	360,792	21,827
	Pukat Jerut Bilis (P. Seine Anchovy)	12,380	4,622	6,205	7,285	7,948	6,438	4,733	1,251	3,293	179	—	—	54,334	3,287
	Lain-lain (Other Seines)	—	—	2,346	2,822	71	—	—	—	—	—	—	—	5,239	317
Pukat-Pukat Hanyut (Drift/Gill Nets)		4,408	8,072	9,005	10,293	10,689	12,375	13,882	14,904	16,356	18,368	15,058	5,590	139,000	8,409
Pukat-Pukat Tangguk (Lift Nets)		3,874	3,771	4,034	4,807	5,099	6,093	5,361	6,402	7,261	8,074	6,793	4,451	66,020	3,994
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu (Portable)	3,795	4,547	4,796	4,983	4,839	4,435	4,934	5,152	6,460	7,452	8,435	5,902	65,730	3,976
Pancing (Lines)		7,359	7,834	8,177	9,229	10,738	10,758	10,884	11,898	15,531	15,166	10,003	5,314	122,891	7,434
Pukat-Pukat Bekul (Bag Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampai (Miscellaneous)		—	—	886	1,301	5,412	4,493	2,913	96	85	—	—	—	15,186	919
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		74,328 4,497	79,844 4,830	96,651 5,847	85,057 5,146	82,857 5,012	82,834 5,011	75,022 4,539	89,851 5,436	135,178 8,178	73,780 4,463	63,713 3,854	29,917 1,810	969,032	58,623

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

PAHANG
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(k)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	Mar. (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)		15,964	16,826	20,501	16,734	15,865	17,726	16,479	21,315	21,005	14,947	13,053	2,932	193,147	11,685
P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	3,010	3,571	5,032	6,309	6,109	6,489	6,290	4,140	4,206	4,284	459	307	50,206	3,037
	Pukat Jerut Bilis (P. Seine Anchovy)	—	—	424	357	382	494	747	112	268	3,822	469	—	7,075	428
	Lain-lain (Other Seines)	—	90	198	218	404	308	362	86	1,527	54	888	—	4,135	250
Pukat-Pukat hanyut (Drift/Gill Nets)		336	751	1,330	1,334	1,849	2,405	2,444	2,091	10,119	9,459	7,421	2,333	41,872	2,533
Pukat-Pukat Tangguk (Lift Nets)		552	525	770	1,367	1,752	2,168	2,345	126	5,136	1,404	1,189	51	17,385	1,052
Perangkap- Perangkap (Traps)	Belat-Belat (Stationary)	—	—	30	32	31	62	96	139	89	3	45	—	527	32
	Bubu (Portable)	372	432	569	922	1,572	2,062	2,002	1,383	2,914	1,927	2,058	107	16,320	987
Pancing (Lines)		908	755	1,256	1,086	1,179	1,739	2,103	228	12,146	10,112	17,495	126	49,133	2,972
Pukat-Pukat Bekul (Bag Nets)		—	—	12	10	9	5	7	—	—	1	—	—	44	3
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	24	—	24	2
Rampaian (Miscellaneous)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah . Pikul (Piculs) (Total) M. Ton (M. Tonnes)		21,142 1,279	22,950 1,388	30,122 1,822	28,369 1,716	28,952 1,752	33,458 2,024	32,875 1,989	29,620 1,792	57,410 3,473	46,013 2,784	43,101 2,608	5,856 354	379,868	22,980

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

JOHOR TIMUR (EAST JOHORE)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS – 1980
(Landings of Marine Fish by Month and Gear Group – 1980)

Jadual (Table) 2.8(i)

Bulan (Month) Kumpulan Perkakas (Gear Group)		Jan. (Jan.)	Feb. (Feb.)	March (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)		9,990	9,816	21,072	18,840	14,092	6,069	24,825	15,879	15,896	9,596	22,287	12,165	180,527	10,921
P. P. Tarik (Seine Nets)	Pukat Jerut Ikan (P. Seine Fish)	6,652	7,496	25,738	17,355	20,773	10,536	14,901	13,197	17,521	16,730	11,695	13,009	75,603	10,623
	Pukat Jerut Bilis (P. Seine Anchovy)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain (Other Seines)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Hanyut (Drift/Gill Nets)		135	544	3,691	2,859	3,525	3,006	12,031	2,368	3,061	2,931	474	70	34,695	2,099
Pukat-Pukat Tangguk (Lift Nets)		—	470	1,384	—	—	—	—	—	—	—	—	—	1,854	112
Perangkap- Perangkap (Traps)	Belat-Belat (Stationery)	—	—	412	696	—	580	526	1,457	895	777	3,174	1,531	10,048	608
	Bubu (Portable)	—	—	68	270	258	236	265	500	210	248	—	—	2,055	125
Pancing (Lines)		1,746	3,493	6,984	4,760	1,240	3,100	4,424	7,851	8,996	3,479	10,701	6,604	63,378	3,834
Pukat-Pukat Bakul (Bag Nets)		2,618	1,970	1,661	1,496	1,400	1,909	3,599	1,620	2,968	5,385	7,815	553	32,994	1,996
Pukat-Pukat Rentang (Barrier Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-Pukat Surung (Push/Scoop Nets)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collection)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah . Pikul (Piculs) (Total) . M. Ton (M. Tonnes)		21,141 1,279	23,789 1,439	61,010 3,691	46,276 2,799	41,288 2,498	25,436 1,539	60,571 3,664	42,872 2,594	49,547 2,997	39,146 2,368	56,146 3,397	33,932 2,053	501,154	30,318

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

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

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

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
	35. HERRINGS, SARDINES, ANCHOVIES, ETC.	Bilis Bulan Parang-Parang Tamban	Anchovies Tarpon Wolf herring Sardine	<i>Stolephorus</i> spp./ <i>Anchoviella</i> spp. <i>Megalops cyprinoides</i> <i>Chirocentrus dorab</i> <i>Clupea</i> spp./ <i>Sardinella</i> spp.
	36. TUNAS, BONITOS, BILLFISHES, ETC.	Aya/Kayu/ Tongkol Layaran/Mersuji	Eastern Little tuna/ Longtail tuna Sailfish/Black Marlin	<i>Euthynnus</i> spp./ <i>Thunnus</i> spp. <i>Makaira</i> spp./ <i>Istiophorus</i> spp.
	37. MACKERELS, SNOEKS, CUTLASS FISHES, ETC.	Kembong/Temenong Tenggiri Timah/Layor/Selayor	Indian mackerel Spanish mackerel Ribbonfish	<i>Rastrelliger Kanagurta</i> / <i>R. neglectus</i> <i>Scomberomorus</i> spp. <i>Trichiurus</i> spp.
	38. SHARKS, RAYS, CHIMAERAS, ETC.	Pari Yu	Ray Shark	<i>Dasyatis</i> spp./ <i>Gymnura</i> spp. Galeorhinidae
	39. MISCELLANEOUS MARINE FISHES	Ikan Baja Ikan Campur Jebong	Trashfish Miscellaneous Fishes Triggerfish	Mixed spp. <i>Abalistes stellaris</i>
CRUSTACEANS	42. SEASPIDERS, CRABS, ETC.	Ketam Laut Ketam Batu	Swimming (Blue) Crabs Mangrove Crabs	<i>Portunus pelagicus</i> <i>Scylla serrata</i>
	43. LOBSTERS, SPINY ROCK LOBSTERS, ETC.	Udang Karang Udang Lobak	Spiny Lobster Slipper Lobster	<i>Panulirus polyhagus</i> <i>Thenus orientalis</i>
	45. SHRIMPS, PRAWNS, ETC.	Udang Udang Baring	Prawns Sergestid Shrimps	<i>Penacus</i> spp./ <i>Metapenaeus</i> spp. <i>Acetes</i> spp.
MOLLUSCS	56. CLAMS, COCKLES, ARK SHELLS, ETC.	Kerang Siput	Arkshells/Blood Cockles Clams, Mussels Marine snails	<i>Anadara granosa</i> Gastropods/Bivalves
	57. SQUIDS, CUTTLEFISHES, OCTOPUSES, ETC.	Sotong Biasa Sotong Katak Sotong Kereta	Squids Cuttlefishes Octopus	Loliginidae Sepiidae Suborder Incirrate
MISCELLANEOUS AQUATIC ANIMAL	76. MISCELLANEOUS AQUATIC INVERTEBRATES	Ubor-Ubor	Jelly Fish	

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN JENIS IKAN, 1980
(Landings of Marine Fish by State and Type of Fish, 1980)

Jadual (Table) 2.9

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah (Total)	
	Nama Tempatan (Local Name)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat (Johore West)		Kelantan	Trang- ganu	Pahang	Johor Timur (Johore East)		Pikul (Piculs)	M. Ton (Metric Tonnes)
24	Kebasi/Selangat	1,303	3,752	4,084	7,589	253	385	1,034	2,251	20,651	38	—	571	1,484	2,093	22,744	1,376
	Puput/Beliat Mata/Tirok	—	976	18	3,592	5,162	—	—	4,421	14,169	—	24	305	643	972	15,141	916
	Terubok	—	—	—	4	—	—	—	—	4	—	—	9	—	9	13	1
25	Siakap	—	10	—	—	2,840	110	247	180	3,387	—	54	4,025	118	4,197	7,584	459
	Lidah	2,779	16,163	1,186	1,689	21,327	—	—	441	43,585	—	854	144	46	1,044	44,629	2,700
31	Sebelah	173	1,087	—	788	634	—	—	4	2,686	115	792	140	243	1,290	3,976	241
	Bayan	—	—	—	—	—	—	—	—	—	—	497	1,096	109	1,702	1,702	103
33	Biji Nangka	—	84	395	8,691	473	—	—	167	9,810	2,990	5,495	1,359	1,688	11,532	21,342	1,292
	Daun Baharu	—	211	—	255	91	—	—	150	707	—	1,498	84	401	1,983	2,690	163
	Delah	—	278	—	355	—	—	—	—	633	—	3,110	170	1,012	4,292	4,925	298
	Duri/Pulutan/Utik	501	5,155	2,198	5,850	13,459	58	4,317	8,695	40,233	710	17,262	3,248	5,168	26,388	66,621	4,030
	Dengkis/Debam	—	505	—	—	—	—	—	76	581	159	2,987	1,777	2,648	7,571	8,152	493
	Gelama/Tengkerong	2,593	26,945	8,060	25,883	17,675	253	—	7,643	89,052	2,465	4,693	10,583	5,875	23,616	112,668	6,816
	Gerut-Gerut	938	1,489	855	4,897	8,117	—	—	40	16,336	584	2,873	1,224	62	4,743	21,079	1,275
	Jenahak	219	1,604	854	6,700	3,112	508	1,563	1,270	15,830	39	2,569	541	114	3,263	19,093	1,155
	Kaci	—	—	—	2,322	104	—	—	—	2,426	—	2,388	2,474	708	5,570	7,996	484
	Kerapu	634	5,187	1,764	13,707	3,510	185	784	1,187	26,958	735	11,771	6,487	1,046	20,039	46,997	2,843
	Kerisi	914	36,631	2,382	42,202	5,826	—	—	1	87,956	2,313	26,364	11,611	18,374	58,662	146,618	8,870
	Kerisi Bali	—	—	—	3,950	—	—	—	—	3,950	—	—	—	—	—	3,950	239
	Kikek	—	442	141	3,370	147	—	—	200	4,300	1,443	4,380	543	2,293	8,659	12,959	784
	Malong	352	6,976	1,046	2,720	13,336	49	381	8,035	32,895	34	88	7	—	129	33,024	1,998
	Merah	—	653	3,769	18,376	5,045	651	422	1,145	30,061	3,075	18,845	6,698	2,197	30,815	60,876	3,683
	Mengkerong/Conor/Ubi-Ubi	—	7,677	1,507	8,952	3,775	—	—	274	22,185	—	1,722	980	171	2,873	25,058	1,516
	Remong/Kunyit Kunyit	—	—	—	2,680	—	—	—	—	2,680	853	3,461	1,171	1,288	6,773	9,453	572
	Semilang	713	3,942	346	3,595	2,348	75	304	1,524	12,847	—	2	7	2	11	12,858	778
	Shrumbu/Lamah	—	—	—	—	—	—	—	—	—	—	2	—	—	2	—	—
	Puntong Damar/Bulus	223	637	—	3,738	—	—	—	—	4,598	367	1,167	2,122	842	4,498	9,096	550
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	49	1,147	5,452	6,648	6,648	402
	Alu-Alu/Kacang Kacang	239	10,731	242	8,523	2,314	—	18	161	22,228	381	2,941	869	2,672	6,863	29,091	1,760
34	Aruan Tasik	—	481	—	777	1,287	102	65	981	3,693	474	8,870	8,125	1,110	18,579	22,272	1,347
	Bawai	247	10,457	7,283	15,610	18,636	454	818	7,992	61,497	2,353	8,798	4,989	356	16,496	77,993	4,718
	Belanak/Kedera	—	3,419	23,591	17,739	981	438	292	1,102	47,562	—	3,910	762	123	4,795	52,357	3,167
	Cermin/Sagai/Cupak	—	—	25	108	3,161	—	—	230	3,524	849	9,522	2,914	2,084	15,369	18,893	1,143
	Cencaru	9,816	18,092	2,537	74,044	28,304	320	1,775	1,061	135,949	2,706	16,326	2,896	12,928	34,856	170,805	10,333
	Demudok/Rambai	—	2,006	9	15,557	125	—	—	—	17,697	2,034	10,095	2,681	3,477	18,287	35,984	2,177
	Kurau/Senangin/Senohong	685	691	1,043	6,775	6,965	153	977	2,428	19,717	84	39	1,026	7	1,156	20,873	1,263

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah (Total)	
	Nama Tempatan (Local Name)	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat (Johore West)		Kelan- tan	Treng- ganu	Pahang	Johor Timur (Johore East)		Pikul (Piculs)	M. Ton (Metric Tonnes)
35	Pelata/Selar	26,800	4,747	23,501	7,670	7,969	188	30	758	71,663	22,236	43,959	9,044	22,317	97,556	169,219	10,237
	Selar Kuning/Lolong	4,705	2,757	—	10,435	1,385	46	—	159	19,487	42,070	50,245	18,205	51,759	162,279	181,766	10,996
	Selayang/Curut	78,320	175	27,644	17,161	—	—	—	—	123,300	59,734	102,149	11,107	29,272	202,262	325,562	19,695
	Pisang-Pisang	2,470	—	2,385	—	443	—	—	—	5,298	55	1,133	516	453	2,157	7,455	451
	Talang	—	1,706	31	6,039	6	178	202	141	8,303	—	2,442	521	1,665	4,628	12,931	782
	Bilis	—	317,738	—	144,168	1,615	—	—	1,188	464,709	600	27,366	4,051	2,843	34,860	499,569	30,222
	Parang-Parang	3,977	5,171	1,571	4,207	11,448	360	6,810	8,658	42,202	3,121	4,135	3,805	3,765	14,826	57,028	3,450
	Tamban	22,908	14,237	12,304	52,372	9,155	—	—	1,935	112,911	13,032	59,427	13,268	45,493	131,220	244,131	14,769
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	317	486	79	882	882	53
	Aya/Kayu/Tongkol	3,932	3,322	6,262	62,644	1,537	8	—	—	77,705	2,626	74,361	11,056	17,522	105,565	183,270	11,087
37	Layaran/Mersuji	—	—	—	1,151	—	—	—	—	1,151	35	9,348	—	183	9,566	10,717	649
	Kembong/Temenong	99,916	120,557	138,814	416,726	79,229	145	861	2	856,250	91,509	179,491	29,838	79,788	380,626	1,236,876	74,826
38	Tenggiri	981	10,117	11,370	22,046	17,084	536	6,969	11,380	80,483	2,339	48,824	13,484	23,064	87,711	168,194	10,175
	Timah/Layor/Selayor	960	10,926	2,920	25,757	2,303	—	—	232	43,098	2,223	5,319	352	692	8,586	51,684	3,126
39	Pari	1,389	5,052	762	11,095	24,325	366	1,805	9,023	53,817	1,045	3,749	3,818	1,526	10,138	63,955	3,869
	Yu	509	2,738	360	2,994	14,582	75	504	1,708	23,470	649	4,634	2,065	3,648	10,996	34,466	2,085
42	Ikan Baja	119,513	780,625	112,885	462,068	494,148	—	1,856	80,333	2,051,428	8,687	80,011	135,694	89,823	314,215	2,365,643	143,112
	Ikan Campur	2,288	9,313	8,040	22,749	14,257	992	5,958	18,185	81,782	4,714	53,529	11,222	2,469	71,934	153,716	9,300
45	Jebong	—	5	—	4,147	873	—	—	3	5,028	195	3,180	182	438	3,995	9,023	546
	Ketam	4,272	7,939	6,806	14,153	13,383	477	—	529	47,559	1,183	447	4,205	4,538	10,373	57,932	3,504
56	Udang Karang/Lobok	—	—	—	33	1	—	—	—	34	—	52	575	247	874	908	55
	Udang Besar	5,318	15,201	12,345	26,309	27,787	—	595	4,653	92,208	2,248	1,735	4,390	3,766	12,139	104,347	6,312
57	Udang Sedang	13,598	31,578	19,971	123,110	79,486	—	920	5,416	274,079	3,881	2,548	9,730	3,607	19,766	293,845	17,777
	Udang Kecil	18,641	65,324	40,738	206,684	106,689	804	1,030	38,173	478,083	1,279	6,855	4,113	16,357	28,604	506,687	30,852
76	Udang Baring	—	356	9,142	84,166	48,672	—	1,185	10,191	153,712	13,144	2,752	—	5,954	21,850	475,562	10,621
	Kerang	2,174	1,903	154,790	1,735,025	109,705	—	—	986	2,004,583	—	—	24	—	24	2,004,607	121,271
76	Siput/Kepah	—	—	—	6,875	27,613	—	—	778	35,066	—	—	—	—	—	35,066	2,121
	Sotong Kereta	—	7,157	176	1	—	—	—	—	7,334	—	—	—	9	9	7,343	445
76	Sotong Katak	4,222	14,297	2,935	9,228	11,643	—	—	1,166	43,491	1,356	4,926	1,609	3,195	11,086	54,577	3,302
	Sotong Biasa	2,649	45,520	2,274	23,340	21,440	—	—	1,439	96,662	2,738	22,650	3,723	11,941	41,052	137,714	8,331
76	Ubur-Ubur	—	—	—	—	2,186	—	—	—	2,186	—	—	—	—	—	2,186	132
	Jumlah : Pikul (Piculs)	441,871	1,644,742	661,361	3,813,191	1,297,971	7,916	41,722	248,695	8,157,469	305,500	969,032	379,868	501,154	2,155,554	10,313,023	623,898
	Total : M. Ton (M. Tonnes)	26,732	99,500	40,010	230,683	78,522	479	2,524	15,045	493,495	18,482	58,623	22,980	30,318	130,403		

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1980
(Landings of Marine Fish by Month and Type of Fish, 1980)

Jadual (Table) 2.10

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	2,333	2,018	1,033	813	1,067	1,498	3,844	2,668	1,271	1,811	3,390	998	22,744	1,376
	Puput/Beliat Mata/Tirok	908	1,787	1,151	699	1,705	1,611	623	772	989	2,723	1,230	943	15,141	916
	Terubok	1	—	9	—	—	3	—	—	—	—	—	—	13	1
25	Siakap	1,242	81	825	986	66	55	85	67	822	563	2,774	18	7,584	459
31	Lidah	6,862	5,213	5,063	4,363	4,275	4,021	1,078	1,943	2,577	3,655	1,906	3,673	44,629	2,700
	Sebelah	203	289	583	308	303	292	390	222	326	246	581	233	3,976	241
33	Bayan	56	65	64	39	77	51	84	42	9	79	1,080	56	1,702	103
	Biji Nangka	2,929	2,330	2,940	2,099	1,812	1,733	1,429	1,164	1,307	1,289	1,345	965	21,342	1,292
	Daun Baharu	276	318	454	354	298	234	166	104	91	85	240	70	2,690	163
	Delah	231	282	369	356	303	362	392	591	306	423	965	345	4,925	298
	Duri/Pulutan/Utik	13,814	4,507	5,055	7,412	5,436	4,887	5,000	3,536	5,451	3,341	4,614	3,568	66,621	4,030
	Dengkis/Debam	338	386	482	992	212	362	1,282	774	815	783	1,271	455	8,152	493
	Gelama/Tengkerong	7,707	7,000	9,828	7,735	12,213	9,994	7,344	6,901	11,501	12,936	11,313	8,196	112,668	6,816
	Gerut-Gerut	1,273	1,805	2,374	1,770	1,574	2,036	3,092	2,058	1,193	1,278	1,291	1,335	21,079	1,275
	Jenahak	1,185	1,157	2,232	1,056	2,085	1,663	2,136	1,601	1,700	1,397	1,765	1,116	19,093	1,155
	Kaci	353	552	367	719	719	455	421	988	372	427	2,301	322	7,996	484
	Kerapu	3,530	3,123	3,152	3,062	3,916	4,869	3,907	4,284	4,002	3,745	6,409	2,998	46,997	2,843
	Kerisi	13,864	11,489	13,297	13,347	15,564	14,126	12,271	8,636	10,973	7,915	18,267	6,869	146,618	8,870
	Kerisi Bali	344	297	506	159	89	124	458	1,721	49	30	143	30	3,950	239
	Kikek	1,461	1,440	1,287	1,275	674	816	1,082	952	820	648	1,394	1,110	12,959	784
	Malong	2,119	2,380	3,053	3,062	2,826	3,111	2,242	2,796	3,322	3,261	2,787	2,065	33,024	1,998
	Merah	5,318	4,431	5,036	5,113	5,938	4,239	3,780	3,823	5,647	7,181	6,111	4,259	60,876	3,683
	Mengkerong/Conor/Ubi-Ubi	3,001	1,903	2,630	2,452	3,140	1,873	1,226	1,357	1,886	1,464	3,069	1,057	25,058	1,516
	Remong/Kunyit Kunyit	713	698	565	1,503	485	650	718	587	1,068	710	833	923	9,453	572
	Semilang	548	638	894	1,032	644	954	1,902	1,230	1,059	1,080	1,639	1,238	12,858	778
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	2	—	—	2	—
	Puntong Damar/Bulus	518	309	830	867	418	644	339	647	1,540	1,220	608	1,156	9,096	550
	Pasir-Pasir	704	422	1,307	265	186	275	2,219	431	135	76	412	216	6,648	402
34	Alu-Alu/Kacang Kacang	1,404	3,383	3,981	1,977	4,518	2,497	2,571	1,856	1,477	1,317	2,207	1,903	29,091	1,760
	Aruan Tasik	698	819	1,277	1,492	1,567	1,254	1,537	1,575	5,877	4,942	865	369	22,272	1,347
	Bawal	5,440	5,999	6,369	4,780	14,144	5,320	7,591	4,168	6,412	6,689	6,196	4,885	77,993	4,718
	Belanak/Kedera	1,661	2,617	2,209	1,927	1,647	3,407	6,927	10,241	3,762	5,027	7,311	6,621	52,357	3,167
	Cermin/Sagai/Cupak	876	1,039	1,400	970	1,917	966	3,310	1,871	3,879	766	1,216	683	18,893	1,143
	Cencaru	16,212	6,292	9,002	13,376	21,052	23,345	39,635	13,361	10,997	4,821	5,102	7,610	170,805	10,333
	Demudok/Rambai	2,446	2,359	1,820	2,783	3,987	2,747	9,625	2,217	2,535	2,564	1,550	1,351	35,984	2,177
	Kurau/Senangin/Senohong	1,285	1,493	1,441	1,922	906	1,982	2,161	1,680	2,531	2,234	935	2,303	20,873	1,263

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	March (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Ok1. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	8,249	10,478	14,197	18,057	18,957	15,118	18,960	16,089	13,187	11,862	16,677	7,388	169,219	10,237
	Selar Kuning/Lolong	11,275	9,623	21,858	18,714	15,724	15,259	20,442	12,337	21,877	15,937	12,867	5,853	181,766	10,996
	Selayang/Curut	22,345	30,334	29,337	31,662	34,333	34,281	29,062	29,355	42,283	26,067	11,042	5,461	325,562	19,695
	Pisang-Pisang	174	226	320	385	358	355	1,666	337	1,746	621	904	363	7,455	451
	Talang	896	738	499	1,041	1,510	1,001	2,024	1,729	1,024	796	1,366	307	12,931	782
	Bilis	63,403	56,734	52,991	45,848	71,421	77,158	32,713	14,946	31,922	17,365	18,560	16,508	499,569	30,222
	Parang-Parang	4,072	5,121	7,993	4,445	5,081	4,793	5,547	4,112	2,857	4,922	4,516	3,569	57,028	3,450
	Tamban	10,909	14,241	24,583	30,240	28,963	36,179	28,026	13,540	17,933	12,732	11,251	15,534	244,131	14,769
	Bulan-Bulan	12	15	30	35	109	40	35	137	115	80	233	41	882	53
36	Aya/Kayu/Tongkol	10,566	9,099	11,819	15,389	17,653	26,735	15,830	13,939	19,499	23,868	8,210	10,663	183,270	11,087
	Layaran/Mersuji	514	645	1,196	1,035	971	980	998	1,030	1,071	1,111	1,013	153	10,717	649
37	Kembong/Temenong	38,124	62,590	88,750	89,735	118,711	121,925	131,647	132,031	187,048	109,839	67,255	89,221	1,236,876	74,826
	Tenggiri	9,844	11,607	15,017	13,245	13,744	13,443	14,906	10,523	18,662	16,967	12,306	17,930	168,194	10,175
38	Timah/Layor/Selayor	2,129	3,346	7,052	3,324	2,552	2,043	1,501	4,701	7,582	7,455	2,617	7,382	51,684	3,126
	Pari	4,729	4,748	8,583	9,389	4,453	3,861	4,775	4,163	5,526	4,945	4,341	4,442	63,955	3,869
39	Yu	3,368	3,627	3,545	2,892	3,089	2,944	2,742	2,198	2,651	2,690	2,923	1,797	34,466	2,085
	Ikan Baja	217,495	204,759	236,590	214,277	198,164	212,205	178,659	198,108	184,159	167,690	195,926	157,611	2,365,643	143,112
42	Ikan Campur	15,185	11,795	13,601	13,227	15,341	12,177	12,628	12,622	11,489	15,465	12,417	7,769	153,716	9,300
	Jebong	1,807	1,196	833	711	536	530	602	451	619	338	825	575	9,023	546
45	Ketam	3,606	4,699	5,494	3,852	3,708	5,320	5,636	5,477	5,428	5,489	4,540	4,683	57,932	3,504
	Udang Karang/Lobok	122	85	78	57	15	28	54	75	125	90	122	57	908	55
56	Udang Besar	15,228	8,750	12,537	7,875	8,996	10,275	7,583	6,721	8,863	6,059	5,450	6,010	104,347	6,312
	Udang Sedang	33,317	33,151	36,416	26,957	24,965	29,806	18,125	15,678	18,938	18,714	16,302	21,476	293,845	17,777
	Udang Kecil	47,237	40,369	57,245	37,578	44,458	42,810	33,752	38,138	38,380	45,190	41,078	40,452	506,687	30,652
	Udang Baring	12,492	18,326	21,297	16,621	14,861	14,414	11,084	13,773	9,424	12,644	16,010	14,616	175,562	10,621
	Kerang	116,311	125,410	121,812	177,159	135,712	153,058	158,762	156,925	197,892	224,160	208,059	229,347	2,004,607	121,271
57	Siput/Kepah	—	—	—	292	550	5,957	6,030	5,968	7,062	6,521	1,379	1,307	35,066	2,121
	Sotong Kereta	637	1,315	1,443	1,277	720	509	80	268	208	150	450	286	7,343	445
	Sotong Katak	5,184	4,648	7,486	4,486	4,502	4,698	3,492	4,492	4,101	4,211	4,345	2,932	54,577	3,302
76	Sotong Biasa	15,784	10,165	13,014	11,246	21,502	13,504	8,388	10,022	10,147	4,703	12,661	6,578	137,714	8,331
	Ubur-Ubur	—	—	—	—	—	—	1,495	606	85	—	—	—	2,186	132
Jumlah : Pikul (Piculs)		776,867	766,761	908,501	892,116	927,422	963,862	888,111	817,355	968,604	855,409	798,765	749,250	10,313,023	
(Total) : M. Ton (M. Tonnes)		46,998	46,386	54,961	53,969	56,105	58,310	53,727	49,447	58,597	51,749	48,322	45,327		623,898

**PANTAI BARAT, SEMENANJUNG MALAYSIA
(WEST COAST, PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1980
(Landings of Marine Fish by Month and Type of Fish, 1980)**

Jadual (Table) 2.11

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	2,236	1,874	936	533	762	1,452	3,723	2,649	1,195	1,791	2,690	810	20,651	1,249
	Puput/Beliat Mata/Tirok	733	1,770	1,143	697	1,705	1,611	602	766	975	2,390	893	884	14,169	857
	Terubok	1	—	—	—	—	3	—	—	—	—	—	—	4	—
25	Siakap	1,238	81	809	972	59	42	39	36	33	33	28	17	3,387	205
31	Lidah	6,706	5,080	4,898	4,322	4,222	3,990	1,051	1,908	2,541	3,633	1,622	3,612	43,585	2,637
	Sebelah	85	128	371	227	214	246	298	96	267	189	354	211	2,686	163
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	2,225	1,496	1,373	891	694	761	348	177	299	650	252	644	9,810	594
	Daun Baharu	60	29	73	124	43	98	4	—	10	35	169	62	707	43
	Delah	25	16	17	66	15	72	74	46	32	132	14	124	633	38
	Duri/Pulutan/Utik	2,915	3,531	3,821	4,793	4,305	3,531	2,748	2,414	3,003	2,671	3,671	2,830	40,233	2,434
	Dengkis/Debam	3	5	17	266	10	110	94	30	7	9	22	8	581	35
	Gelama/Tengkerong	6,629	5,425	7,997	6,140	10,100	8,816	5,880	6,019	8,658	9,313	6,771	7,304	89,052	5,387
	Gerut-Gerut	1,048	1,486	1,936	1,371	1,139	1,331	2,171	1,585	936	1,029	1,079	1,225	16,336	988
	Jenahak	1,038	1,002	2,092	879	1,795	1,418	1,838	1,307	1,368	1,080	1,056	957	15,830	958
	Kaci	181	313	100	423	92	157	52	702	49	119	119	119	2,426	147
	Kerapu	2,600	2,058	1,894	1,804	2,844	3,139	2,367	2,626	2,022	1,906	1,733	1,965	26,958	1,631
	Kerisi	9,835	6,993	6,460	7,731	10,754	9,829	4,947	4,495	6,817	4,287	10,836	4,972	87,456	5,321
	Kerisi Bali	344	297	506	159	89	124	458	1,721	49	30	143	30	3,950	239
	Kikek	796	564	605	685	122	321	33	183	142	105	321	423	4,300	260
	Malong	2,097	2,362	3,037	3,052	2,817	3,103	2,237	2,787	3,311	3,255	2,774	2,063	32,895	1,990
	Merah	3,563	2,449	2,477	2,792	3,720	2,571	2,095	2,151	2,651	2,060	1,382	2,150	30,061	1,819
	Mengkerong/Conor/Ubi-Ubi	2,723	1,601	2,336	2,247	2,844	1,739	1,099	1,183	1,566	1,236	2,657	954	22,185	1,342
	Remong/Kunyit Kunyit	498	386	298	932	146	55	67	2	112	39	106	39	2,680	162
	Semilang	548	638	894	1,032	644	954	1,902	1,223	1,059	1,080	1,639	1,234	12,847	777
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	289	54	210	254	79	407	106	139	1,056	927	159	918	4,598	278
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34	Alu-Alu/Kacang Kacang	1,119	3,043	2,719	1,418	4,131	1,930	2,281	1,163	791	637	1,606	1,390	22,228	1,345
	Aruan Tasik	240	163	297	362	596	293	364	481	280	473	58	86	3,693	223
	Bawal	3,600	4,654	5,168	3,552	12,815	3,804	6,306	3,180	4,295	5,459	4,986	3,678	61,497	3,720
	Belanak/Kedera	1,652	2,455	1,931	1,512	1,281	3,007	6,619	9,803	3,092	4,110	6,707	5,393	47,562	2,877
	Cermin/Sagai/Cupak	121	208	250	149	130	193	1,991	213	60	56	93	60	3,524	213
	Cencaru	15,396	4,383	6,832	10,782	18,331	19,608	36,472	8,725	3,564	2,175	3,155	6,526	135,949	8,224
	Demudok/Rambai	1,321	1,076	535	1,200	1,047	1,000	8,188	680	1,246	514	384	506	17,697	1,071
	Kurau/Senangin/Senohong	1,285	1,430	1,396	1,851	778	1,841	1,976	1,505	2,324	2,164	881	2,286	19,717	1,193

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	Mach (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
														Pikul (Piculs)	M. Ton (M. Tonnes)
	Nama Tempatan (Local Name)														
35	Pelata/Selar	4,387	5,455	6,495	8,147	8,009	6,054	10,241	7,425	5,286	4,247	3,171	2,746	71,663	4,335
	Selar Kuning/Lolong	3,515	1,460	1,376	2,187	1,368	1,290	939	547	1,691	1,644	2,027	1,443	19,487	1,179
	Selayang/Curut	16,813	16,705	11,506	15,299	11,518	13,704	10,503	8,681	6,099	5,760	3,736	2,976	123,300	7,459
	Pisang-Pisang	72	81	88	80	50	272	1,534	200	1,661	560	400	300	5,298	321
	Talang	853	602	189	777	1,253	778	1,419	1,223	191	138	700	180	8,303	502
	Bilis	61,827	53,689	48,512	40,818	66,976	73,318	29,794	13,507	28,152	14,924	16,698	16,494	464,709	28,113
	Parang-Parang	3,306	4,478	5,285	3,223	3,837	3,450	3,821	3,028	2,035	3,272	3,146	3,321	42,202	2,553
	Tamban	5,866	3,193	5,177	8,591	16,325	21,522	18,713	3,842	10,822	6,344	5,529	6,987	112,911	6,831
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aya/Kayu/Tongkol	6,609	3,606	3,625	7,610	11,185	19,940	6,295	4,387	3,020	4,140	803	6,485	77,705	4,701
37	Layaran/Mersuji	154	105	68	171	148	85	54	6	103	73	111	73	1,151	70
	Kembong/Temenong	22,240	39,390	57,075	58,754	88,286	95,777	92,637	82,289	110,429	80,157	48,156	81,060	856,250	51,800
38	Tenggiri	5,828	4,541	4,416	5,677	5,583	5,720	6,171	5,537	6,249	10,708	5,789	14,264	80,483	4,869
	Timah/Layor/Selayor	1,432	2,415	6,170	2,517	1,830	1,431	683	4,098	7,052	6,978	2,011	6,481	43,098	2,607
39	Pari	4,061	4,050	7,763	8,386	3,713	3,241	3,493	3,095	4,473	4,213	3,240	4,089	53,817	3,256
	Yu	3,058	3,230	2,711	2,197	2,366	2,181	1,418	1,232	971	1,002	1,531	1,573	23,470	1,420
42	Ikan Baja	184,540	175,233	199,333	191,799	176,696	191,705	152,992	169,865	157,654	145,277	158,865	147,469	2,051,428	124,103
	Ikan Campur	10,812	6,509	7,293	7,303	9,023	5,438	5,516	6,961	5,292	7,429	4,881	5,325	81,782	4,948
45	Jebong	1,581	714	526	296	253	281	356	205	370	96	260	90	5,028	304
	Ketam	3,144	4,187	4,990	3,570	3,125	4,248	4,535	4,105	4,363	4,695	2,664	3,933	47,559	2,877
56	Udang Karang/Lobok	10	1	1	—	4	6	4	1	1	3	—	3	34	2
	Udang Besar	13,354	7,075	10,097	7,150	8,567	10,105	6,912	6,199	8,244	5,255	4,471	4,779	92,208	5,578
57	Udang Sedang	28,654	29,881	33,935	25,478	23,939	29,205	17,594	15,191	18,112	17,838	14,825	19,427	274,079	16,581
	Udang Kecil	44,181	37,591	52,744	36,134	43,082	41,855	32,117	36,137	35,582	43,126	37,699	37,835	478,083	28,922
76	Udang Baring	9,369	14,226	17,929	11,763	13,591	14,414	11,084	13,527	8,808	10,375	14,010	14,616	153,712	9,299
	Kerang	116,311	125,410	121,812	177,159	135,712	153,058	158,762	156,925	197,892	224,160	208,035	229,347	2,004,583	121,269
76	Siput/Kepah	—	—	—	292	550	5,957	6,030	5,968	7,062	6,521	1,379	1,307	35,066	2,121
	Sotong Kereta	637	1,315	1,443	1,277	720	509	80	268	208	150	449	278	7,334	444
76	Sotong Katak	4,168	3,384	5,874	3,574	3,730	4,191	2,950	3,364	3,052	3,261	3,454	2,489	43,491	2,631
	Sotong Biasa	15,346	9,265	8,625	6,019	12,274	7,177	3,434	7,215	6,118	3,714	11,393	6,082	96,602	5,848
76	Ubur-Ubur	—	—	—	—	—	—	1,495	606	85	—	—	—	2,186	132
	Jumlah	645,278	614,841	688,486	699,466	742,036	794,468	690,006	625,629	694,887	669,647	617,793	674,932	8,157,469	493,495
	Pikul (Piculs)	39,037	37,195	41,651	42,315	44,890	48,062	41,743	37,848	42,038	40,511	37,374	40,831	—	—
	M. Ton (M. Tonnes)	—	—	—	—	—	—	—	—	—	—	—	—	—	—

**PANTAI TIMUR, SEMENANJUNG MALAYSIA
(EAST COAST, PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1980
(Landings of Marine Fish by Month and Type of Fish, 1980)**

Jadual (Table) 2.12

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	Mar. (Mar.)	April (Apr.)	Mei (May)	Jun (June)	Julai (Jul.)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Jumlah (Total)	
	Nama Tempatan (Local Name)													Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	97	144	97	280	305	46	121	19	76	20	700	188	2,093	127
	Puput/Beliat Mata/Tirok	175	17	8	2	—	—	21	6	14	333	337	59	972	59
	Terubok	—	—	9	—	—	—	—	—	—	—	—	—	9	1
25	Siakap	4	—	16	14	7	13	46	31	789	530	2,746	1	4,197	254
	Lidah	156	133	165	41	53	31	27	35	36	22	284	61	1,044	63
31	Sebelah	118	161	212	81	89	46	92	126	59	57	227	22	1,290	78
33	Bayan	56	65	64	39	77	51	84	42	9	79	1,080	56	1,702	103
	Biji Nangka	704	834	1,567	1,208	1,118	972	1,081	987	1,008	639	1,093	321	11,532	698
	Daun Baharu	216	289	381	230	255	136	162	104	81	50	71	8	1,983	120
	Delah	206	266	352	290	288	290	318	545	274	291	951	221	4,292	260
	Duri/Pulutan/Utik	10,899	976	1,234	2,619	1,131	1,356	2,252	1,122	2,448	670	943	738	26,388	1,596
	Dengkis/Debam	335	381	465	726	202	252	1,188	744	808	774	1,249	447	7,571	458
	Gelama/Tengkerong	1,078	1,575	1,831	1,595	2,113	1,178	1,464	882	2,843	3,623	4,542	892	23,616	1,429
	Gerut-Gerut	225	319	438	399	435	705	921	473	257	249	212	110	4,743	287
	Jenahak	147	155	140	177	290	245	298	294	332	317	709	159	3,263	197
	Kaci	172	239	267	296	627	298	369	286	323	308	2,182	203	5,570	337
	Kerapu	930	1,065	1,258	1,258	1,072	1,730	1,540	1,658	1,980	1,839	4,676	1,033	20,039	1,212
	Kerisi	4,029	4,496	6,837	5,616	4,810	4,297	7,324	4,141	4,156	3,628	7,431	1,897	58,662	3,549
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	665	876	682	590	552	495	1,049	769	678	543	1,073	687	8,659	524
	Malong	22	18	16	10	9	8	5	9	11	6	13	2	129	8
	Merah	1,755	1,982	2,559	2,321	2,218	1,668	1,685	1,672	2,996	5,121	4,729	2,109	30,815	1,864
	Mengkerong/Conor/Ubi-Ubi	278	302	294	205	296	134	127	174	320	228	412	103	2,873	174
	Remong/Kunyit Kunyit	215	312	267	571	339	595	651	585	956	671	727	884	6,773	410
	Semilang	—	—	—	—	—	—	—	7	—	—	—	4	11	1
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	2	—	—	2	—
	Puntong Damar/Bulus	229	255	620	613	339	237	233	508	484	293	449	238	4,498	272
	Pasir-Pasir	704	422	1,307	265	186	275	2,219	431	135	76	412	216	6,648	402
	Alu-Alu/Kacang Kacang	285	340	1,262	559	387	567	290	693	686	680	601	513	6,863	415
	Aruan Tasik	458	656	980	1,130	971	961	1,173	1,094	5,597	4,469	807	283	18,579	1,124
	Bawal	1,840	1,345	1,201	1,228	1,329	1,516	1,285	988	2,117	1,230	1,210	1,207	16,496	998
	Belanak/Kedera	9	162	278	415	366	400	308	438	670	917	604	228	4,795	290
	Carmin/Sagai/Cupak	755	831	1,150	821	1,787	773	1,319	1,658	3,819	710	1,123	623	15,369	930
	Cancaru	816	1,909	2,170	2,594	2,721	3,737	3,163	4,636	7,433	2,646	1,947	1,084	34,856	2,109
	Demudok/Rambai	1,125	1,283	1,285	1,583	2,940	1,747	1,437	1,537	1,289	2,050	1,166	845	18,287	1,106
	Kurau/Senangin/Senohong	—	63	45	71	128	141	185	175	207	70	54	17	1,156	70

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Jan.	Feb.	March	April	Mei	Jun	Julai	Ogos	Sept.	Okt.	Nov.	Dis.	Jumlah (Total)	
	Nama Tempatan (Local Name)	(Jan.)	(Feb.)	(Mar.)	(Apr.)	(May)	(June)	(Jul.)	(Aug.)	(Sept.)	(Oct.)	(Nov.)	(Dec.)	Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	3,862	5,023	7,702	9,910	10,948	9,064	8,719	8,664	7,901	7,615	13,506	4,642	97,556	5,902
	Selar Kuning/Lolong	7,760	8,163	20,482	16,527	14,356	13,969	19,503	11,790	20,186	14,293	10,840	4,410	162,279	9,817
	Selayang/Curut	5,532	13,629	17,831	16,363	22,815	20,577	18,559	20,674	36,184	20,307	7,306	2,485	202,262	12,236
	Pisang-Pisang	102	145	232	305	308	83	132	137	85	61	504	63	2,157	130
	Talang	43	136	310	264	257	223	605	506	833	658	666	127	4,628	280
	Bilis	1,576	3,045	4,479	5,030	4,445	3,840	2,919	1,439	3,770	2,441	1,862	14	34,860	2,109
	Parang-Parang	766	643	2,708	1,222	1,244	1,343	1,726	1,084	822	1,650	1,370	248	14,826	897
	Tamban	5,043	11,048	19,406	21,649	12,638	14,657	9,313	9,698	7,111	6,388	5,722	8,547	131,220	7,938
36	Bulan-Bulan	12	15	30	35	109	40	35	137	115	80	233	41	882	53
	Aya/Kayu/Tongkol	3,957	5,493	8,194	7,779	6,468	6,795	9,535	9,552	16,479	19,728	7,407	4,178	105,565	6,386
37	Layaran/Mersuji	360	540	1,128	864	823	895	944	1,024	968	1,038	902	80	9,566	579
	Kembong/Temenong	15,884	23,200	31,675	30,981	30,425	26,148	39,010	49,742	76,619	29,682	19,099	8,161	380,626	23,026
38	Tenggiri	4,016	7,066	10,601	7,568	8,161	7,723	8,735	4,986	12,413	6,259	6,517	3,666	87,711	5,306
	Timah/Layor/Selayor	697	931	882	807	722	612	818	603	530	477	606	901	8,586	519
	Pari	668	698	820	1,003	740	620	1,282	1,068	1,053	732	1,101	353	10,138	613
39	Yu	310	397	834	695	723	763	1,324	966	1,680	1,688	1,392	224	10,996	665
	Ikan Baja	32,955	29,526	37,257	22,478	21,468	20,500	25,667	28,243	26,505	22,413	37,061	10,142	314,215	19,009
42	Ikan Campur	4,373	5,286	6,308	5,924	6,318	6,739	7,112	5,661	6,197	8,036	7,536	2,444	71,934	4,352
	Jebong	226	482	307	415	283	249	246	246	249	242	565	485	3,995	242
45	Ketam	462	512	504	282	583	1,072	1,101	1,372	1,065	794	1,876	750	10,373	627
	Udang Karang/Lobok	112	84	77	57	11	22	50	74	124	87	122	54	874	53
56	Udang Besar	1,874	1,675	2,440	725	429	170	671	522	619	804	979	1,231	12,139	734
	Udang Sedang	4,663	3,270	2,481	1,479	1,026	601	531	487	826	876	1,477	2,049	19,766	1,196
57	Udang Kecil	3,056	2,778	4,501	1,444	1,376	955	1,635	2,001	2,798	2,064	3,379	2,617	28,604	1,730
	Udang Baring	3,123	4,100	3,368	4,858	1,270	—	—	246	616	2,269	2,000	—	21,850	1,322
76	Kerang	—	—	—	—	—	—	—	—	—	—	24	—	24	2
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	1	8	9	1
	Sotong Katak	1,016	1,264	1,612	912	772	507	542	1,128	1,049	950	891	443	11,086	671
76	Sotong Biasa	438	900	4,389	5,227	9,228	6,327	4,954	2,807	4,029	989	1,268	496	41,052	2,483
	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Pikul (Piculs)		131,589	151,920	220,015	192,650	185,386	169,394	198,105	191,726	273,717	185,762	180,972	74,318	2,155,554	130,403
Jumlah M. Ton (M. Tonnes)		7,961	9,191	13,310	11,654	11,215	10,248	11,984	11,599	16,559	11,238	10,948	4,496		

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.13

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bekul (Bag Nets)	Pukat Renang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collection)	Ram- paian (Misc- ellane- ous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	9,530	251	—	555	12,392	—	—	—	—	16	—	—	—	—	22,744	1,376
	Puput/Beliat Mata/Tirol	8,813	—	—	66	6,242	7	—	—	—	13	—	—	—	—	15,141	916
	Terubok	13	—	—	—	—	—	—	—	—	—	—	—	—	—	13	1
25	Siakap	1,225	—	—	—	1,915	—	—	1,731	2,713	—	—	—	—	—	7,584	459
31	Lidah	43,603	—	—	—	1,026	—	—	—	—	—	—	—	—	—	44,629	2,700
33	Sebelah	3,749	—	—	—	147	—	—	76	—	4	—	—	—	—	3,976	241
	Bayan	98	—	—	—	—	—	—	799	805	—	—	—	—	—	1,702	103
	Biji Nangka	20,676	56	—	163	28	86	—	147	186	—	—	—	—	—	21,342	1,292
34	Daun Baharu	1,911	—	—	—	171	—	—	415	193	—	—	—	—	—	2,690	163
	Delah	602	—	—	—	200	—	4	2,812	857	450	—	—	—	—	4,925	298
	Duri/Pulutan/Utik	18,650	5,979	10,080	1,134	10,960	198	42	101	17,137	61	1,919	—	—	360	66,621	4,030
	Dengkis/Dabam	3,706	171	—	12	10	—	9	3,591	653	—	—	—	—	—	8,152	493
	Gelama/Tengerong	83,823	2,048	196	2,431	15,606	238	408	1,577	4,762	196	1,174	69	—	140	112,668	6,816
	Gerut-Gerut	10,595	—	—	—	427	7	49	3,183	6,507	—	311	—	—	—	21,079	1,275
	Jenahak	3,456	—	—	—	129	—	131	6,279	8,727	—	111	—	—	260	19,093	1,155
	Kaci	2,017	—	—	—	4	—	—	3,353	2,522	—	—	—	—	100	7,996	484
	Kerapu	15,585	—	—	64	234	100	66	19,741	11,207	—	—	—	—	—	46,997	2,843
	Kerisi	126,554	46	—	34	682	224	27	5,297	13,754	—	—	—	—	—	146,618	8,870
	Kerisi Bali	1,196	—	—	—	—	—	—	1,334	1,420	—	—	—	—	—	3,950	239
	Kikek	8,807	814	25	104	1,547	219	583	352	495	13	—	—	—	—	12,959	784
	Malong	23,029	—	—	368	449	30	14	39	8,734	—	61	—	—	300	33,024	1,998
	Merah	15,425	25	—	—	—	—	76	37,684	7,666	—	—	—	—	—	60,876	3,683
	Mengkerong/Conor/Ubi-Ubi	24,081	—	—	—	475	—	—	140	362	—	—	—	—	—	25,058	1,516
	Remong/Kunyit Kunyit	4,985	264	—	11	66	17	96	3,512	502	—	—	—	—	—	9,453	572
	Semilang	3,873	—	—	449	969	—	114	12	3,376	—	4,044	21	—	—	12,858	778
	Shrumbu/Lemah	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
	Puntong Damar/Bulus	5,664	—	—	11	229	25	—	62	3,100	5	—	—	—	—	9,096	550
	Pasir-Pasir	6,648	—	—	—	—	—	—	—	—	—	—	—	—	—	6,648	402
	Alu-Alu/Kacang Kacang	21,677	501	123	1	2,984	—	424	421	2,960	—	—	—	—	—	29,091	1,760
	Aruan Tasik	2,035	98	—	—	1,282	—	—	1,281	17,467	—	109	—	—	—	22,272	1,347
	Bawal	24,660	17,203	802	519	27,275	6,255	829	89	330	—	31	—	—	—	77,993	4,718
	Belanak/Kedera	5,716	17,214	—	1,384	26,221	35	1	565	—	—	1,196	25	—	—	52,357	3,167
	Cermin/Sagai/Cupak	7,346	1,565	27	—	3,049	195	124	3,382	3,150	—	55	—	—	—	18,893	1,143
	Cencaru	20,997	109,724	1,215	—	17,059	4,396	443	1,021	15,950	—	—	—	—	—	170,805	10,333
	Demudok/Rambai	10,787	13,052	790	—	1,047	824	153	5,521	3,810	—	—	—	—	—	35,984	2,177
	Kurau/Senangin/Senohong	4,525	—	—	359	10,858	84	114	386	4,547	—	—	—	—	—	20,873	1,263

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

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	16,821	100,600	205	—	13,128	15,470	1,389	194	21,398	14	—	—	—	—	169,219	10,237
	Selar Kuning/Lolong	46,312	79,457	1,921	41	9,464	41,830	1,689	1	1,051	—	—	—	—	—	181,766	10,996
	Selayang/Curut	5,802	292,893	676	—	1,076	22,114	—	—	3,001	—	—	—	—	—	325,562	19,695
	Pisang-Pisang	1,072	5,284	270	—	155	107	—	45	522	—	—	—	—	—	7,455	451
	Talang	928	561	—	—	3,819	—	51	20	7,552	—	—	—	—	—	12,931	782
	Bilis	2,997	—	489,061	236	120	—	7,165	—	—	—	—	—	—	—	499,569	30,222
	Parang-Parang	21,979	—	57	298	32,068	1,115	784	—	727	—	—	—	—	—	57,028	3,450
	Tamban	16,685	195,835	6,757	108	6,596	15,096	2,887	—	167	—	—	—	—	—	244,131	14,769
36	Bulan-Bulan	486	79	—	—	80	—	—	237	—	—	—	—	—	—	882	53
	Aya/Kayu/Tongkol	24	80,475	1,860	—	50,682	3,396	—	—	46,833	—	—	—	—	—	183,270	11,087
37	Layaran/Mersuji	1,152	—	—	—	—	—	—	—	9,565	—	—	—	—	—	10,717	649
	Kembong/Temenong	111,242	1,007,764	—	1,216	84,918	15,207	8,434	—	8,095	—	—	—	—	—	1,236,876	74,826
	Tenggiri	14,117	2,983	—	77	95,219	1,162	1,089	—	53,547	—	—	—	—	—	168,194	10,175
38	Timah/Layqr/Selayor	44,264	288	—	318	5,459	—	116	—	904	334	1	—	—	—	51,684	3,126
	Pari	30,919	—	—	59	2,272	146	368	431	19,493	8,908	1,559	—	—	—	63,955	3,869
39	Yu	19,963	951	—	38	4,735	147	23	138	8,356	—	115	—	—	—	34,466	2,085
	Ikan Baja	2,138,319	23,965	426	84,506	32,721	—	14,946	1,080	28	63,710	368	5,541	—	33	2,365,643	143,112
	Ikan Campur	42,233	10,492	6,162	3,671	51,475	2,895	2,882	12,036	14,654	6,173	812	85	—	146	153,716	9,300
42	Jebong	4,264	—	—	—	601	95	—	3,759	7	297	—	—	—	—	9,023	546
	Ketam	31,352	—	—	2,223	13,642	—	18	1,069	—	1,421	1,454	23	—	6,730	57,932	3,504
45	Udang-Kerang/Lobok	847	—	—	—	5	—	—	1	—	55	—	—	—	—	908	55
	Udang Besar	39,839	—	—	8,401	40,743	—	216	—	—	14,243	392	501	—	12	104,347	6,312
	Udang Sedang	168,358	—	—	56,768	39,184	—	643	—	—	22,765	345	5,720	—	62	293,845	17,777
	Udang Kecil	278,034	—	—	121,674	23,349	—	2,148	90	—	72,315	723	8,351	—	3	506,687	30,652
56	Udang Baring	—	—	—	6,126	165	—	82,442	262	—	66,454	120	10,223	—	9,770	175,562	10,621
	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	2,004,607	—	2,004,607	121,271
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	35,066	—	35,066	2,121
57	Sotong Kereta	7,313	—	—	—	6	—	24	—	—	—	—	—	—	—	7,343	445
	Sotong Katak	48,992	—	—	1,381	841	—	711	2,545	—	72	—	—	—	35	54,577	3,302
76	Sotong Biasa	114,571	2,876	39	44	1,239	—	1,852	98	1,441	93	—	5	—	15,456	137,714	8,331
	Ubur-Ubur	2,186	—	—	—	—	—	—	—	—	—	—	—	—	—	2,186	132
Jumlah : Pikul (Piculs) Total : M. Ton (M. Tonnes)		3,756,930 227,280	1,973,514 119,390	520,682 31,499	294,850 17,837	657,445 39,773	131,720 7,969	133,584 8,081	126,909 7,677	341,233 20,643	257,612 15,585	14,900 901	30,564 1,849	2,039,673 123,393	33,407 2,021	10,313,023	623,898

**PANTAI BARAT, SEMENANJUNG MALAYSIA
(WEST COAST, PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)**

Jadual (Table) 2.14

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangkup (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Miscel- laneous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	8,085	251	—	555	11,760	—	—	—	—	—	—	—	—	—	20,651	1,249
	Puput/Beliat Mata/Tirok	7,951	—	—	2	6,216	—	—	—	—	—	—	—	—	—	14,169	857
	Terubok	4	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—
25	Siakap	1,223	—	—	—	1,856	—	—	193	115	—	—	—	—	—	3,387	205
31	Lidah	42,559	—	—	—	1,026	—	—	—	—	—	—	—	—	—	43,585	2,637
33	Sebelah	2,545	—	—	—	141	—	—	—	—	—	—	—	—	—	2,686	163
	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	9,782	—	—	—	28	—	—	—	—	—	—	—	—	—	9,810	594
	Daun Baharu	700	—	—	—	7	—	—	—	—	—	—	—	—	—	707	43
	Delah	139	—	—	—	—	—	—	—	—	—	—	—	—	—	633	38
	Duri/Pulutan/Utik	13,033	765	—	831	9,125	198	2	490	13,950	50	1,919	—	—	360	40,233	2,434
	Dengkis/Debam	252	—	—	—	—	—	9	320	—	—	—	—	—	—	581	35
	Gelama/Tengkerong	72,625	428	—	1,569	11,370	—	332	9	1,302	34	1,174	69	—	140	89,052	5,387
	Gerut-Gerut	9,460	—	—	—	59	—	20	1,288	5,198	—	311	—	—	—	16,336	988
	Jenahak	3,343	—	—	—	129	—	131	4,142	7,714	—	111	—	—	260	15,830	958
	Kaci	1,354	—	—	—	4	—	—	656	312	—	—	—	—	100	2,426	147
	Kerapu	13,781	—	—	—	109	—	66	9,542	3,460	—	—	—	—	—	26,958	1,631
	Kerisi	86,286	—	—	—	—	133	—	1,019	518	—	—	—	—	—	87,956	5,321
	Kerisi Bali	1,196	—	—	—	—	—	—	1,334	1,420	—	—	—	—	—	3,950	239
	Kikek	4,051	—	—	—	200	49	—	—	—	—	—	—	—	—	4,300	260
	Malong	22,970	—	—	368	449	30	14	—	8,703	—	61	—	—	300	32,895	1,990
	Merah	13,005	25	—	—	—	—	4	14,555	2,472	—	—	—	—	—	30,061	1,819
	Mengkerong/Conor/Ubi-Ubi	21,881	—	—	—	170	—	—	—	134	—	—	—	—	—	22,185	1,342
	Remong/Kunyit Kunyit	2,680	—	—	—	—	—	—	—	—	—	—	—	—	—	2,680	162
	Semilang	3,862	—	—	449	969	—	114	12	3,376	—	4,044	21	—	—	12,847	777
	Shrumbu/Lamah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	1,621	—	—	—	—	—	—	—	2,977	—	—	—	—	—	4,598	278
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alu-Alu/Kacang Kacang	19,767	—	—	—	874	—	186	237	1,164	—	—	—	—	—	22,228	1,345
34	Aruan Tasik	1,693	—	—	—	537	—	—	67	1,287	—	109	—	—	—	3,693	223
	Bawal	23,406	13,371	525	68	21,410	1,712	829	46	100	—	31	—	—	—	61,497	3,720
	Belanak/Kedera	5,716	17,214	—	656	22,754	—	1	—	—	—	1,196	25	—	—	47,562	2,877
	Cermin/Segai/Cupak	3,444	—	—	—	22	3	—	—	—	—	55	—	—	—	3,524	213
	Cencaru	20,592	104,348	—	—	9,449	253	443	—	864	—	—	—	—	—	135,949	8,224
	Demudok/Rambai	9,829	7,350	—	—	39	—	153	201	125	—	—	—	—	—	17,697	1,071
	Kurau/Senangin/Senohong	4,396	—	—	5	10,646	—	114	175	4,381	—	—	—	—	—	19,717	1,193

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Manyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misco- llene- ous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	15,157	52,783	—	—	2,916	—	439	34	320	14	—	—	—	—	71,663	4,335
	Selar Kuning/Lolong	14,594	4,705	—	—	142	—	—	—	46	—	—	—	—	—	19,487	1,179
	Selayang/Curut	5,785	117,515	—	—	—	—	—	—	—	—	—	—	—	—	123,300	7,459
	Pisang-Pisang	391	4,855	—	—	52	—	—	—	—	—	—	—	—	—	5,298	321
	Talang	862	74	—	—	1,389	—	33	20	5,925	—	—	—	—	—	8,303	502
	Bilis	2,934	—	457,755	—	—	—	4,020	—	—	—	—	—	—	—	464,709	28,113
	Parang-Parang	20,674	—	—	—	20,481	273	767	—	7	—	—	—	—	—	42,202	2,553
	Tamban	16,634	93,948	—	—	1,924	—	405	—	—	—	—	—	—	—	112,911	6,831
36	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aya/Kayu/Tongkol	24	67,614	—	—	9,929	138	—	—	—	—	—	—	—	—	77,705	4,701
37	Layaran/Mersuji	1,151	—	—	—	—	—	—	—	—	—	—	—	—	—	1,151	70
	Kembong/Temenong	110,471	688,224	—	1,152	47,665	190	8,384	—	164	—	—	—	—	—	856,250	51,800
	Tenggiri	13,437	38	—	—	55,780	115	1,089	—	10,024	—	—	—	—	—	80,483	4,869
38	Timah/Layor/Selayor	41,834	—	—	—	888	—	91	—	284	—	1	—	—	—	43,098	2,607
	Pari	24,348	—	—	—	1,741	146	368	173	16,628	8,854	1,559	—	—	—	53,817	3,256
39	Yu	16,776	—	—	—	1,235	147	23	9	5,165	—	115	—	—	—	23,470	1,420
	Ikan Baja	1,844,938	23,965	—	84,503	32,644	—	14,922	974	—	43,540	368	5,541	—	33	2,051,428	124,103
	Ikan Campur	27,914	3,890	—	3,209	31,227	263	2,613	2,004	4,384	5,235	812	85	—	146	81,782	4,948
42	Jebong	3,799	—	—	—	570	—	—	362	—	297	—	—	—	—	5,028	304
45	Ketam	24,604	—	—	2,032	11,179	—	8	290	—	1,239	1,454	23	—	6,730	47,559	2,877
	Udang Karang/Lobok	34	—	—	—	—	—	—	—	—	—	—	—	—	—	34	2
	Udang Besar	31,985	—	—	8,210	37,081	—	201	—	—	13,826	392	501	—	12	92,208	5,578
56	Udang Sedang	153,189	—	—	56,559	35,553	—	643	—	—	22,008	345	5,720	—	62	274,079	16,581
	Udang Kecil	257,482	—	—	119,269	21,162	—	2,064	70	—	68,959	723	8,351	—	3	478,083	28,922
	Udang Baring	—	—	—	—	165	—	82,442	262	—	60,500	120	10,223	—	—	153,712	9,299
57	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	2,004,583	—	2,004,583	121,269
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	35,066	—	35,066	2,121
	Sotong Kereta	7,304	—	—	—	6	—	24	—	—	—	—	—	—	—	7,334	444
76	Sotong Katak	40,706	—	—	1,381	733	—	655	16	—	—	—	—	—	—	43,491	2,631
	Sotong Biasa	93,945	—	—	44	1,236	—	1,396	—	18	18	—	5	—	—	96,662	5,848
76	Ubur-Ubur	2,186	—	—	—	—	—	—	—	—	—	—	—	—	—	2,186	132
Jumlah (Total)		3,206,388	1,201,363	458,280	280,862	425,047	3,650	123,009	38,500	102,537	224,574	14,900	30,564	2,039,649	8,146	8,157,469	493,495
Pikul (Piculs) M. Ton (M. Tonnes)		193,974	72,678	27,724	16,991	25,714	221	7,441	2,329	6,203	13,566	901	1,849	123,391	493		

PANTAI TIMUR, SEMENANJUNG MALAYSIA
(EAST COAST, PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.15

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Serung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ran- paian (Misco- llene- ous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	1,445	-	-	-	632	-	-	-	-	16	-	-	-	-	2,093	127
	Puput/Beliat Mata/Tirok	862	-	-	64	26	7	-	-	-	13	-	-	-	-	972	59
	Terubok	9	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1
25	Siakap	2	-	-	-	59	-	-	1,538	2,598	-	-	-	-	-	4,197	254
31	Lidah	1,044	-	-	-	-	-	-	-	-	-	-	-	-	-	1,044	63
	Sebelah	1,204	-	-	-	6	-	-	76	-	4	-	-	-	-	1,290	78
33	Bayan	98	-	-	-	-	-	-	799	805	-	-	-	-	-	1,702	103
	Biji Nangka	10,894	56	-	163	-	86	-	147	186	-	-	-	-	-	11,532	698
	Daun Baharu	1,211	-	-	-	164	-	-	415	193	-	-	-	-	-	1,983	120
	Delah	463	-	-	-	200	-	-	2,322	857	450	-	-	-	-	4,292	260
	Duri/Pulutan/Utik	5,617	5,214	10,080	303	1,835	-	40	101	3,187	11	-	-	-	-	26,388	1,596
	Dangkis/Dabam	3,454	171	-	12	10	-	-	3,271	653	-	-	-	-	-	7,571	458
	Gelama/Tengkerong	11,198	1,620	196	862	4,236	238	76	1,568	3,460	162	-	-	-	-	23,616	1,429
	Gerut-Gerut	1,135	-	-	-	368	7	29	1,895	1,309	-	-	-	-	-	4,743	287
	Jenahak	113	-	-	-	-	-	-	2,137	1,013	-	-	-	-	-	3,263	197
	Kaci	663	-	-	-	-	-	-	2,697	2,210	-	-	-	-	-	5,570	337
	Kerapu	1,804	-	-	64	125	100	-	10,199	7,747	-	-	-	-	-	20,039	1,212
	Kerisi	40,268	46	-	34	682	91	27	4,278	13,236	-	-	-	-	-	58,662	3,549
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	4,756	814	25	104	1,347	170	583	352	495	13	-	-	-	-	8,659	524
	Malong	59	-	-	-	-	-	-	39	31	-	-	-	-	-	129	8
	Marah	2,420	-	-	-	-	-	72	23,129	5,194	-	-	-	-	-	30,815	1,864
	Mengkerong/Conor/Ubi-Ubi	2,200	-	-	-	305	-	-	140	228	-	-	-	-	-	2,873	174
	Remong/Kunyit Kunyit	2,305	264	-	11	66	17	96	3,512	502	-	-	-	-	-	6,773	410
	Semilang	11	-	-	-	-	-	-	-	-	-	-	-	-	-	11	1
	Shrumbu/Lamah	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
	Puntong Damar/Bulus	4,043	-	-	11	229	25	-	62	123	5	-	-	-	-	4,498	272
	Pasir-Pasir	6,648	-	-	-	-	-	-	-	-	-	-	-	-	-	6,648	402
34	Alu-Alu/Kacang Kacang	1,910	501	123	1	2,110	-	238	184	1,796	-	-	-	-	-	6,863	415
	Aruan Tasik	342	98	-	-	745	-	-	1,214	16,180	-	-	-	-	-	18,579	1,124
	Bawal	1,255	3,832	277	451	5,865	4,543	-	43	230	-	-	-	-	-	16,496	998
	Belanak/Kadera	-	-	-	728	3,467	35	-	565	-	-	-	-	-	-	4,795	290
	Cermin/Sagai/Cupak	3,902	1,565	27	-	3,027	192	124	3,382	3,150	-	-	-	-	-	15,369	930
	Cencaru	405	5,376	1,215	-	7,610	4,143	-	1,021	15,086	-	-	-	-	-	34,856	2,109
	Demudok/Rambai	958	5,702	790	-	1,008	824	-	5,320	3,685	-	-	-	-	-	18,287	1,106
	Kurau/Senangin/Senohong	129	-	-	354	212	84	-	211	166	-	-	-	-	-	1,156	70

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawi Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	1,664	47,817	205	—	10,212	15,470	950	160	21,078	—	—	—	—	—	97,556	5,902
	Selar Kuning/Lolong	31,718	74,752	1,921	41	9,322	41,830	1,689	1	1,005	—	—	—	—	—	162,279	9,817
	Selayang/Curut	17	175,378	676	—	1,076	22,114	—	—	3,001	—	—	—	—	—	202,262	12,236
	Pisang-Pisang	681	429	270	—	103	107	—	45	522	—	—	—	—	—	2,157	130
	Talang	66	487	—	—	2,430	—	18	—	1,627	—	—	—	—	—	4,628	280
	Bilis	63	—	31,296	236	120	—	3,145	—	—	—	—	—	—	—	34,860	2,109
	Parang-Parang	1,305	—	57	298	11,587	842	17	—	720	—	—	—	—	—	14,826	897
36	Tamban	51	101,887	6,757	108	4,672	15,096	2,482	—	167	—	—	—	—	—	131,220	7,938
	Bulan-Bulan	486	79	—	—	80	—	—	237	—	—	—	—	—	—	882	53
	Aya/Kayu/Tongkol	—	12,861	1,860	—	40,753	3,258	—	—	46,833	—	—	—	—	—	105,565	6,386
37	Layaran/Mersuji	1	—	—	—	—	—	—	—	9,565	—	—	—	—	—	9,566	579
	Kembong/Temenong	771	319,540	—	64	37,253	15,017	50	—	7,931	—	—	—	—	—	380,626	23,026
	Tenggiri	680	2,945	—	77	39,439	1,047	—	—	43,523	—	—	—	—	—	87,711	5,306
38	Timah/Layor/Selayor	2,430	288	—	318	4,571	—	25	—	620	334	—	—	—	—	8,586	519
	Pari	6,371	—	—	59	531	—	—	258	2,865	54	—	—	—	—	10,138	613
	Yu	3,187	951	—	38	3,500	—	—	129	3,191	—	—	—	—	—	10,996	665
39	Ikan Baja	293,381	—	426	3	77	—	24	106	28	20,170	—	—	—	—	314,215	19,009
	Ikan Campur	14,319	6,602	6,162	462	20,248	2,632	269	10,032	10,270	938	—	—	—	—	71,934	4,352
	Jebong	465	—	—	—	31	95	—	3,397	7	—	—	—	—	—	3,995	242
42	Ketam	6,748	—	—	191	2,463	—	10	779	—	182	—	—	—	—	10,373	627
	Udang Karang/Lobok	813	—	—	—	5	—	—	1	—	55	—	—	—	—	874	53
	Udang Besar	7,854	—	—	191	3,662	—	15	—	—	417	—	—	—	—	12,139	734
45	Udang Sedang	15,169	—	—	209	3,631	—	—	—	—	757	—	—	—	—	19,766	1,196
	Udang Kecil	20,552	—	—	2,405	2,187	—	84	20	—	3,356	—	—	—	—	28,604	1,730
	Udang Baring	—	—	—	6,126	—	—	—	—	—	5,954	—	—	—	9,770	21,850	1,322
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	24	—	24	2
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Kereta	9	—	—	—	—	—	—	—	—	—	—	—	—	—	9	1
57	Sotong Kataak	8,286	—	—	—	108	—	56	2,529	—	72	—	—	—	35	11,066	671
	Sotong Biasa	20,626	2,876	39	—	3	—	456	98	1,423	75	—	—	—	15,456	41,052	2,483
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah (Total)		550,542 33,306	772,151 46,712	62,402 3,775	13,988 846	232,398 14,059	128,070 7,748	10,575 640	88,409 5,348	238,696 14,440	33,038 1,999	— —	— —	24 2	25,261 1,528	2,155,554	130,403

PERLIS
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(a)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	-	-	-	-	1,303	-	-	-	-	-	-	-	-	-	1,303	79
	Puput/Belat Mata/Tirok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Lidah	2,779	-	-	-	-	-	-	-	-	-	-	-	-	-	2,779	168
	Sebelah	173	-	-	-	-	-	-	-	-	-	-	-	-	-	173	11
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Daun Baharu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Delah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik	-	-	-	-	-	-	-	-	-	-	501	-	-	-	501	30
	Dengkis/Debam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gelama/Tengkerong	2,593	-	-	-	-	-	-	-	-	-	-	-	-	-	2,593	157
	Gerut-Gerut	232	-	-	-	-	-	-	-	706	-	-	-	-	-	938	57
	Jenahak	-	-	-	-	-	-	-	-	219	-	-	-	-	-	219	13
	Kaci	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerapu	494	-	-	-	-	-	-	-	140	-	-	-	-	-	634	38
	Kerisi	914	-	-	-	-	-	-	-	-	-	-	-	-	-	914	55
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Malong	352	-	-	-	-	-	-	-	-	-	-	-	-	-	352	21
	Merah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mengkerong/Conor/Ubi-Ubi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remong/Kunyit Kunyit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Semilang	-	-	-	-	-	-	-	-	-	-	713	-	-	-	713	43
	Shrumbu/Lemah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	223	-	-	-	-	-	-	-	-	-	-	-	-	-	223	14
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang Kacang	-	-	-	-	-	-	-	-	239	-	-	-	-	-	239	15
	Aruan Tasik	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bawal	215	-	-	-	32	-	-	-	-	-	-	-	-	-	247	15
	Belanak/Kedera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cermin/Sagai/Cupak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cencaru	-	9,505	-	-	-	-	311	-	-	-	-	-	-	-	9,816	594
	Demudok/Rambai	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kurau/Senangin/Senohong	-	-	-	-	685	-	-	-	-	-	-	-	-	-	685	42

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Trap)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ren- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempat (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belet Belet (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	—	26,800	—	—	—	—	—	—	—	—	—	—	—	—	26,800	1,621
	Selar Kuning/Lolong	—	4,705	—	—	—	—	—	—	—	—	—	—	—	—	4,705	285
	Selayang/Curut	—	78,320	—	—	—	—	—	—	—	—	—	—	—	—	78,320	4,737
	Pisang-Pisang	—	2,470	—	—	—	—	—	—	—	—	—	—	—	—	2,470	149
	Talang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-Parang	3,016	—	—	—	798	—	163	—	—	—	—	—	—	—	3,977	241
36	Tamban	—	22,835	—	—	—	—	73	—	—	—	—	—	—	—	22,908	1,386
	Bulan-Bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Aya/Kayu/Tongkol	—	3,932	—	—	—	—	—	—	—	—	—	—	—	—	3,932	238
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Kembong/Temenong	—	91,577	—	—	1,542	—	6,797	—	—	—	—	—	—	—	99,916	6,045
	Tenggiri	—	—	—	—	827	—	—	—	154	—	—	—	—	—	981	59
39	Timah/Layor/Selayor	960	—	—	—	—	—	—	—	—	—	—	—	—	—	960	58
	Pari	675	—	—	—	—	—	—	—	714	—	—	—	—	—	1,389	84
42	Yu	—	—	—	—	—	—	—	—	509	—	—	—	—	—	509	31
	Ikan Baja	117,170	—	—	16	—	—	2,327	—	—	—	—	—	—	—	119,513	7,230
45	Ikan Campur	1,365	477	—	113	165	—	86	—	82	—	—	—	—	—	2,288	138
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Ketam	1,931	—	—	118	919	—	—	—	—	—	—	—	—	1,304	4,272	258
	Udang Karang/Lobok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Udang Besar	4,841	—	—	—	477	—	—	—	—	—	—	—	—	—	5,318	322
	Udang Sedang	10,660	—	—	833	2,105	—	—	—	—	—	—	—	—	—	13,598	823
76	Udang Kecil	18,641	—	—	—	—	—	—	—	—	—	—	—	—	—	18,641	1,128
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	2,174	—	2,174	132
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	4,222	—	—	—	—	—	—	—	—	—	—	—	—	—	4,222	255
	Sotong Biasa	2,127	—	—	—	—	—	522	—	—	—	—	—	—	—	2,649	160
	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		173,583 10,501	240,621 14,557	— —	1,080 65	8,853 536	— —	10,279 622	— —	2,763 167	— —	1,214 73	— —	2,174 132	1,304 79	441,871	26,732

KEDAH

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(b)

ISSAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Manyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misc- ellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vyl)	Lain Pukat Tarik (Other Seines)			Belet Belet (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	3,542	-	-	-	210	-	-	-	-	-	-	-	-	-	3,752	227
	Puput/Beliat Mata/Tirok	976	-	-	-	-	-	-	-	-	-	-	-	-	-	976	59
25	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Siakap	10	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1
31	Lidah	16,163	-	-	-	-	-	-	-	-	-	-	-	-	-	16,163	978
	Sebelah	1,087	-	-	-	-	-	-	-	-	-	-	-	-	-	1,087	66
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	84	-	-	-	-	-	-	-	-	-	-	-	-	-	84	5
	Daun Baharu	211	-	-	-	-	-	-	-	-	-	-	-	-	-	211	13
	Delah	-	-	-	-	-	-	4	274	-	-	-	-	-	-	278	17
	Duri/Pulutan/Utik	3,232	765	-	-	81	-	2	-	1,007	-	68	-	-	-	5,155	312
	Dengkis/Debam	252	-	-	-	-	-	-	253	-	-	-	-	-	-	505	31
	Gelama/Tengkerong	24,624	428	-	-	938	-	237	-	656	-	62	-	-	-	26,945	1,630
	Gerut-Gerut	1,133	-	-	-	37	-	20	30	269	-	-	-	-	-	1,489	90
	Jenahak	1,018	-	-	-	-	-	77	295	214	-	-	-	-	-	1,604	97
	Kaci	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerapu	4,441	-	-	-	65	-	66	155	460	-	-	-	-	-	5,187	314
	Kerisi	36,631	-	-	-	-	-	-	-	-	-	-	-	-	-	36,631	2,216
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	442	-	-	-	-	-	-	-	-	-	-	-	-	-	442	27
	Malong	6,822	-	-	-	140	-	14	-	-	-	-	-	-	-	6,976	422
	Merah	653	-	-	-	-	-	-	-	-	-	-	-	-	-	653	40
	Mengkerong/Conor/Ubi-Ubi	7,677	-	-	-	-	-	-	-	-	-	-	-	-	-	7,677	464
	Remong/Kunyit Kunyit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Semilang	3,146	-	-	-	-	-	41	-	266	-	489	-	-	-	3,942	238
	Shrumbu/Lamah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	548	-	-	-	-	-	-	-	89	-	-	-	-	-	637	39
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang Kacang	10,545	-	-	-	-	-	186	-	-	-	-	-	-	-	10,731	649
	Aruan Tasik	481	-	-	-	-	-	-	-	-	-	-	-	-	-	481	29
	Bawal	7,941	-	525	-	832	947	166	46	-	-	-	-	-	-	10,457	633
	Belanak/Kedera	3,297	-	-	-	121	-	1	-	-	-	-	-	-	-	3,419	207
	Cermin/Sagai/Cupak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cencaru	3,415	14,545	-	-	-	-	132	-	-	-	-	-	-	-	18,092	1,094
	Demudok/Rambai	1,814	-	-	-	39	-	153	-	-	-	-	-	-	-	2,006	121
	Kurau/Senangin/Senohong	360	-	-	-	217	-	114	-	-	-	-	-	-	-	691	42

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ren- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	4,684	-	-	-	-	-	39	24	-	-	-	-	-	-	4,747	287
	Selar Kuning/Lolong	2,750	-	-	-	7	-	-	-	-	-	-	-	-	-	2,757	167
	Selayang/Curut	175	-	-	-	-	-	-	-	-	-	-	-	-	-	175	11
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	761	-	-	-	912	-	33	-	-	-	-	-	-	-	1,706	103
	Bilis	361	-	317,377	-	-	-	-	-	-	-	-	-	-	-	317,738	19,222
	Parang-Parang	4,794	-	-	-	194	-	183	-	-	-	-	-	-	-	5,171	313
	Tamban	13,659	330	-	-	146	-	102	-	-	-	-	-	-	-	14,237	861
36	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	23	3,292	-	-	7	-	-	-	-	-	-	-	-	-	3,322	201
37	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kembong/Temenong	72,211	46,271	-	-	469	-	1,587	-	19	-	-	-	-	-	120,557	7,293
	Tenggiri	6,090	-	-	-	2,744	-	867	-	416	-	-	-	-	-	10,117	612
38	Timah/Layor/Selayor	10,773	-	-	-	51	-	91	-	11	-	-	-	-	-	10,926	661
	Pari	4,297	-	-	-	40	-	368	37	168	142	-	-	-	-	5,052	306
	Yu	2,481	-	-	-	70	-	23	9	155	-	-	-	-	-	2,738	166
39	Ikan Baja	769,239	-	-	732	922	-	2,745	295	-	6,692	-	-	-	-	780,625	47,225
	Ikan Campur	6,695	75	-	453	1,264	263	142	76	318	-	27	-	-	-	9,313	563
	Jebong	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
42	Ketam	6,800	-	-	-	318	-	6	-	-	-	-	-	-	815	7,939	480
45	Udang Karang/Lobok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Udang Besar	8,457	-	-	143	5,740	-	68	-	-	793	-	-	-	-	15,201	917
	Udang Sedang	21,216	-	-	574	7,729	-	312	-	-	1,747	-	-	-	-	31,578	1,910
	Udang Kecil	53,299	-	-	1,135	7,252	-	398	-	-	3,240	-	-	-	-	65,324	3,952
	Udang Baring	-	-	-	-	-	-	-	-	-	-	-	356	-	-	356	22
56	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	1,903	-	1,903	115
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Sotong Kereta	7,127	-	-	-	6	-	24	-	-	-	-	-	-	-	7,157	433
	Sotong Katak	13,638	-	-	-	24	-	635	-	-	-	-	-	-	-	14,297	865
	Sotong Biasa	44,585	-	-	-	61	-	874	-	-	-	-	-	-	-	45,520	2,754
76	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		1,194,665 72,273	65,706 3,975	317,902 19,232	3,037 184	30,636 1,853	1,210 73	9,710 588	1,494 90	4,048 245	12,614 763	646 39	356 21	1,903 115	815 49	1,644,742	99,500

PULAU PINANG
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(c)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bekul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	85	251	-	25	3,723	-	-	-	-	-	-	-	-	-	4,084	247
	Puput/Beliat Mata/Tirok	18	-	-	-	-	-	-	-	-	-	-	-	-	-	18	1
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Lidah	1,186	-	-	-	-	-	-	-	-	-	-	-	-	-	1,186	72
	Sebelah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	395	-	-	-	-	-	-	-	-	-	-	-	-	-	395	24
	Daun Baharu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Delah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik	566	-	-	96	1,175	-	-	-	361	-	-	-	-	-	2,198	133
	Dengkis/Debam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gelama/Tengkerong	7,409	-	-	97	250	-	-	9	295	-	-	-	-	-	8,060	487
	Gerut-Gerut	204	-	-	-	-	-	-	232	419	-	-	-	-	-	855	52
	Jenahak	93	-	-	-	-	-	-	452	309	-	-	-	-	-	854	52
	Kaci	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerapu	256	-	-	-	-	-	-	982	526	-	-	-	-	-	1,764	107
	Kerisi	1,580	-	-	-	-	-	-	802	-	-	-	-	-	-	2,382	144
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	141	-	-	-	-	-	-	-	-	-	-	-	-	-	141	8
	Malong	688	-	-	-	-	-	-	-	358	-	-	-	-	-	1,046	63
	Merah	9	25	-	-	-	-	-	3,735	-	-	-	-	-	-	3,769	228
	Mengkerong/Conor/Ubi-Ubi	1,507	-	-	-	-	-	-	-	-	-	-	-	-	-	1,507	91
	Remong/Kunyit Kunyit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Semilang	35	-	-	-	204	-	-	12	95	-	-	-	-	-	346	21
	Shrumbu/Lamah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang Kacang	129	-	-	-	85	-	-	-	28	-	-	-	-	-	242	15
	Aruan Tasik	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bawal	838	648	-	-	5,797	-	-	-	-	-	-	-	-	-	7,283	440
	Belanak/Kedera	484	17,214	-	-	5,893	-	-	-	-	-	-	-	-	-	23,591	1,427
	Cermin/Sagei/Cupak	25	-	-	-	-	-	-	-	-	-	-	-	-	-	25	2
	Cencaru	31	-	-	-	2,506	-	-	-	-	-	-	-	-	-	2,537	153
	Demudok/Rambai	9	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1
	Kurau/Senangin/Senohong	2	-	-	5	945	-	-	-	91	-	-	-	-	-	1,043	63

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	66	23,435	-	-	-	-	-	-	-	-	-	-	-	-	23,501	1,422
	Selar Kuning/Lolong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selayang/Curut	1	27,643	-	-	-	-	-	-	-	-	-	-	-	-	27,644	1,672
	Pisang-Pisang	-	2,385	-	-	-	-	-	-	-	-	-	-	-	-	2,385	144
	Talang	-	-	-	-	11	-	-	20	-	-	-	-	-	-	31	2
	Bilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parang-Parang	399	-	-	-	1,172	-	-	-	-	-	-	-	-	-	1,571	95
36	Tamban	256	12,012	-	-	36	-	-	-	-	-	-	-	-	-	12,304	744
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	-	-	-	-	6,262	-	-	-	-	-	-	-	-	-	6,262	379
37	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kembong/Temenong	580	114,634	-	1,152	22,448	-	-	-	-	-	-	-	-	-	138,814	8,398
38	Tenggiri	179	38	-	-	11,153	-	-	-	-	-	-	-	-	-	11,370	688
	Timah/Layor/Selayor	2,689	-	-	-	231	-	-	-	-	-	-	-	-	-	2,920	177
	Pari	302	-	-	-	222	-	-	26	212	-	-	-	-	-	762	46
39	Yu	344	-	-	-	-	-	-	-	16	-	-	-	-	-	360	22
	Ikan Baja	45,818	23,965	-	19,990	7,600	-	-	-	-	15,512	-	-	-	-	112,885	6,829
	Ikan Campur	1,678	-	-	331	5,662	-	-	249	80	40	-	-	-	-	8,040	486
42	Jebong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Ketam	2,427	-	-	344	3,841	-	-	-	-	-	-	-	-	194	6,806	412
	Udang Karang/Lobok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Udang Besar	624	-	-	43	11,215	-	-	-	-	463	-	-	-	-	12,345	747
	Udang Sedang	3,243	-	-	2,833	10,185	-	-	-	-	3,710	-	-	-	-	19,971	1,208
	Udang Kecil	11,042	-	-	19,874	1,680	-	-	-	-	8,142	-	-	-	-	40,738	2,464
	Udang Baring	-	-	-	-	-	-	-	-	-	-	-	9,142	-	-	9,142	553
	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	154,790	-	154,790	9,364
57	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Kereta	176	-	-	-	-	-	-	-	-	-	-	-	-	-	176	11
	Sotong Katak	2,935	-	-	-	-	-	-	-	-	-	-	-	-	-	2,935	178
76	Sotong Biasa	2,256	-	-	-	-	-	-	-	-	18	-	-	-	-	2,274	138
	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah : Pikul (Piculs) M. Ton (M. Tonnes)		90,705 5,487	222,250 13,445	- -	44,790 2,710	102,296 6,189	- -	- -	6,519 394	2,790 169	27,885 1,687	- -	9,142 553	154,790 9,364	194 12	661,361	40,010

PERAK
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(d)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ren- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misc- ellen- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	4,175	-	-	387	3,027	-	-	-	-	-	-	-	-	-	7,589	459
	Puput/Beliat Mata/Tirok	1,781	-	-	-	1,811	-	-	-	-	-	-	-	-	-	3,592	217
	Terubok	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
25	Siakap	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Lidah	1,097	-	-	-	592	-	-	-	-	-	-	-	-	-	1,689	102
	Sabelah	647	-	-	-	141	-	-	-	-	-	-	-	-	-	788	48
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	8,691	-	-	-	-	-	-	-	-	-	-	-	-	-	8,691	526
	Daun Baharu	255	-	-	-	-	-	-	-	-	-	-	-	-	-	255	15
	Delah	139	-	-	-	-	-	-	216	-	-	-	-	-	-	355	22
	Duri/Pulutan/Utik	1,793	-	-	-	-	-	-	-	4,057	-	-	-	-	-	5,850	354
	Dengkis/Debam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gelama/Tengkerong	18,250	-	-	1,014	6,550	-	-	-	-	-	-	69	-	-	25,883	1,566
	Gerut-Gerut	3,017	-	-	-	-	-	-	1,026	854	-	-	-	-	-	4,897	296
	Jenahak	1,003	-	-	-	-	-	-	2,691	3,006	-	-	-	-	-	6,700	405
	Kaci	1,354	-	-	-	-	-	-	656	312	-	-	-	-	-	2,322	140
	Kerapu	5,128	-	-	-	-	-	-	7,432	1,147	-	-	-	-	-	13,707	829
	Kerisi	41,476	-	-	-	-	-	-	217	509	-	-	-	-	-	42,202	2,553
	Kerisi Bali	1,196	-	-	-	-	-	-	1,334	1,420	-	-	-	-	-	3,950	239
	Kikek	3,370	-	-	-	-	-	-	-	-	-	-	-	-	-	3,370	204
	Malong	1,259	-	-	366	63	-	-	-	1,032	-	-	-	-	-	2,720	165
	Merah	7,402	-	-	-	-	-	-	10,323	651	-	-	-	-	-	18,376	1,112
	Mengkerong/Conor/Ubi-Ubi	8,648	-	-	-	170	-	-	-	134	-	-	-	-	-	8,952	542
	Remong/Kunyit Kunyit	2,680	-	-	-	-	-	-	-	-	-	-	-	-	-	2,680	162
	Semilang	668	-	-	-	578	-	-	-	2,349	-	-	-	-	-	3,595	217
	Shrumbu/Lamah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	850	-	-	-	-	-	-	-	2,888	-	-	-	-	-	3,738	226
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang Kacang	6,628	-	-	-	789	-	-	237	869	-	-	-	-	-	8,523	516
	Aruan Tasik	294	-	-	-	-	-	-	4	479	-	-	-	-	-	777	47
	Bawal	2,430	8,443	-	-	4,735	-	2	-	-	-	-	-	-	-	15,610	944
	Belanak/Kedera	1,072	-	-	306	16,361	-	-	-	-	-	-	-	-	-	17,739	1,073
	Cermin/Sagai/Cupak	108	-	-	-	-	-	-	-	-	-	-	-	-	-	108	7
	Cencaru	5,172	68,038	-	-	834	-	-	-	-	-	-	-	-	-	74,044	4,479
	Demudok/Rambai	8,006	7,350	-	-	-	-	-	201	-	-	-	-	-	-	15,557	941
	Kurau/Senangin/Senohong	133	-	-	-	5,201	-	-	-	1,441	-	-	-	-	-	6,775	410

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ren- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collection)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	2,876	1,900	-	-	2,894	-	-	-	-	-	-	-	-	-	7,670	464
	Selar Kuning/Lolong	10,435	-	-	-	-	-	-	-	-	-	-	-	-	-	10,435	631
	Selayang/Curut	5,609	11,552	-	-	-	-	-	-	-	-	-	-	-	-	17,161	1,038
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	85	74	-	-	-	-	-	-	5,880	-	-	-	-	-	6,039	365
	Bilis	-	-	140,378	-	-	-	3,790	-	-	-	-	-	-	-	144,168	8,722
	Parang-Parang	3,110	-	-	-	1,096	-	-	-	-	-	-	-	-	-	4,207	255
36	Tamban	915	51,457	-	-	-	-	-	-	-	-	-	-	-	-	52,372	3,168
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	-	58,992	-	-	3,652	-	-	-	-	-	-	-	-	-	62,644	3,790
37	Layaran/Mersuji	1,151	-	-	-	-	-	-	-	-	-	-	-	-	-	1,151	70
	Kembong/Temenong	21,276	386,343	-	-	9,107	-	-	-	-	-	-	-	-	-	416,726	25,210
38	Tenggiri	1,921	-	-	-	10,671	-	-	-	9,454	-	-	-	-	-	22,046	1,334
	Timah/Layor/Selayor	25,757	-	-	-	-	-	-	-	-	-	-	-	-	-	25,757	1,558
	Pari	5,744	-	-	-	-	-	-	110	5,241	-	-	-	-	-	11,095	671
39	Yu	2,467	-	-	-	-	-	-	-	527	-	-	-	-	-	2,994	181
	Ikan Baja	369,576	-	-	62,845	24,122	-	-	-	-	-	-	5,525	-	-	462,068	27,953
	Ikan Campur	6,709	3,338	-	1,268	6,276	-	-	1,352	3,806	-	-	-	-	-	22,749	1,376
42	Jebong	3,785	-	-	-	-	-	-	362	-	-	-	-	-	-	4,147	251
	Ketam	3,129	-	-	1,405	5,592	-	-	-	-	-	-	23	-	4,004	14,153	856
45	Udang Karang/Lobok	33	-	-	-	-	-	-	-	-	-	-	-	-	-	33	2
	Udang Besar	2,488	-	-	7,809	11,907	-	-	-	-	3,557	87	461	-	-	26,309	1,592
	Udang Sedang	45,674	-	-	51,446	11,107	-	-	-	-	9,073	236	5,574	-	-	123,110	7,448
	Udang Kecil	70,757	-	-	95,340	8,139	-	-	-	-	24,262	-	8,186	-	-	206,684	12,504
	Udang Baring	-	-	-	-	-	-	81,968	-	-	2,184	-	14	-	-	84,166	5,092
56	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	1,735,025	-	1,735,025	104,962
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	6,675	-	6,675	404
57	Sotong Kereta	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	Sotong Katak	7,122	-	-	1,381	709	-	-	-	16	-	-	-	-	-	9,228	558
	Sotong Biasa	22,160	-	-	-	1,175	-	-	-	-	-	-	5	-	-	23,340	1,412
76	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah : Pikul (Piculs)		751,506	597,487	140,378	223,567	137,299	-	85,761	26,177	46,056	39,076	323	19,857	1,741,700	4,004	3,813,191	230,683
(Total) : M. Ton (M. Tonnes)		45,463	36,146	8,492	13,525	8,306	-	5,188	1,584	2,786	2,364	20	1,201	105,366	242		

SELANGOR
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(e)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misco- llen- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	15	—	—	74	164	—	—	—	—	—	—	—	—	—	253	15
	Puput/Beliat Mata/Tirok	2,604	—	—	—	2,558	—	—	—	—	—	—	—	—	—	5,162	312
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	1,212	—	—	—	1,609	—	—	—	19	—	—	—	—	—	2,840	172
31	Lidah	20,893	—	—	—	434	—	—	—	—	—	—	—	—	—	21,327	1,290
33	Sebelah	634	—	—	—	—	—	—	—	—	—	—	—	—	—	634	38
	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	445	—	—	—	28	—	—	—	—	—	—	—	—	—	473	29
	Daun Baharu	84	—	—	—	7	—	—	—	—	—	—	—	—	—	91	6
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	6,586	—	—	176	2,072	198	—	—	2,978	—	1,089	—	—	360	13,459	814
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	14,803	—	—	356	1,355	—	—	—	351	—	670	—	—	140	17,675	1,069
	Gerut-Gerut	4,834	—	—	—	22	—	—	—	2,950	—	311	—	—	—	8,117	491
	Jenahak	1,102	—	—	—	129	—	—	—	1,510	—	111	—	—	260	3,112	188
	Kaci	—	—	—	—	4	—	—	—	—	—	—	—	—	100	104	6
	Kerapu	3,446	—	—	—	44	—	—	—	20	—	—	—	—	—	3,510	212
	Kerisi	5,684	—	—	—	—	133	—	—	9	—	—	—	—	—	5,826	352
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	98	—	—	—	—	49	—	—	—	—	—	—	—	—	147	9
	Malong	9,636	—	—	—	232	30	—	—	3,138	—	—	—	—	300	13,336	807
	Merah	4,922	—	—	—	—	—	—	—	123	—	—	—	—	—	5,045	305
	Mengkerong/Conor/Ubi-Ubi	3,775	—	—	—	—	—	—	—	—	—	—	—	—	—	3,775	228
	Remong/Kunyit Kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	13	—	—	420	40	—	—	—	184	—	1,691	—	—	—	2,348	142
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alu-Alu/Kacang Kacang	2,304	—	—	—	—	—	—	—	10	—	—	—	—	—	2,314	140
	Aruan Tasik	918	—	—	—	347	—	—	—	22	—	—	—	—	—	1,287	78
	Bawal	9,329	4,280	—	—	4,131	765	—	—	100	—	31	—	—	—	18,636	1,127
	Belanak/Kedera	862	—	—	12	93	—	—	—	—	—	14	—	—	—	981	59
	Cermin/Sagai/Cupak	3,158	—	—	—	—	3	—	—	—	—	—	—	—	—	3,161	191
	Cencaru	11,025	12,260	—	—	4,222	253	—	—	544	—	—	—	—	—	28,304	1,712
	Demudok/Rambai	—	—	—	—	—	—	—	—	125	—	—	—	—	—	125	8
	Kurau/Senangin/Senohong	2,603	—	—	—	2,793	—	—	—	1,569	—	—	—	—	—	6,965	421

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bekul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belet Belet (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	7,299	648	-	-	22	-	-	-	-	-	-	-	-	-	7,969	482
	Selar Kuning/Lolong	1,250	-	-	-	135	-	-	-	-	-	-	-	-	-	1,385	84
	Selayang/Curut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pisang-Pisang	391	-	-	-	52	-	-	-	-	-	-	-	-	-	443	27
	Talang	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-
	Bilis	1,615	-	-	-	-	-	-	-	-	-	-	-	-	-	1,615	98
	Parang-Parang	7,825	-	-	-	3,343	273	-	-	7	-	-	-	-	-	11,448	693
	Tamban	99	7,314	-	-	1,742	-	-	-	-	-	-	-	-	-	9,155	554
36	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	1	1,398	-	-	-	138	-	-	-	-	-	-	-	-	1,537	93
37	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kembong/Temanong	16,402	49,399	-	-	13,238	190	-	-	-	-	-	-	-	-	79,229	4,793
38	Tenggiri	4,427	-	-	-	12,542	115	-	-	-	-	-	-	-	-	17,084	1,034
	Timah/Layor/Selayor	1,440	-	-	-	590	-	-	-	273	-	-	-	-	-	2,303	139
	Pari	9,960	-	-	-	452	146	-	-	3,496	8,712	1,559	-	-	-	24,325	1,472
39	Yu	10,841	-	-	-	105	147	-	-	3,374	-	115	-	-	-	14,582	882
	Ikan Baja	476,191	-	-	242	-	-	-	-	-	17,434	281	-	-	-	494,148	29,894
	Ikan Campur	6,904	-	-	-	2,437	-	-	-	48	4,868	-	-	-	-	14,257	863
42	Jebong	6	-	-	-	570	-	-	-	-	297	-	-	-	-	873	53
	Ketam	10,299	-	-	76	25	-	-	-	-	1,239	1,454	-	-	290	13,383	810
45	Udang Karang/Lobok	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	Udang Besar	14,662	-	-	45	4,067	-	-	-	-	9,013	-	-	-	-	27,787	1,681
	Udang Sedang	70,270	-	-	197	1,605	-	-	-	-	7,386	28	-	-	-	79,486	4,809
	Udang Kecil	71,806	-	-	626	2,242	-	-	-	-	31,998	17	-	-	-	106,689	6,454
	Udang Baring	-	-	-	-	165	-	-	-	-	48,507	-	-	-	-	48,672	2,945
56	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	109,705	-	109,705	6,637
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	27,613	-	27,613	1,671
57	Sotong Kereta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Katak	11,643	-	-	-	-	-	-	-	-	-	-	-	-	-	11,643	704
76	Sotong Biasa	21,378	-	-	44	-	-	-	-	18	-	-	-	-	-	21,440	1,297
	Ubur-Ubur	2,186	-	-	-	-	-	-	-	-	-	-	-	-	-	2,186	132
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		857,887 51,899	75,299 4,555	- -	2,268 137	63,616 3,849	2,440 148	- -	- -	20,868 1,262	129,454 7,831	7,371 446	- -	137,318 8,307	1,450 88	1,297,971	78,522

NEGERI SEMBILAN
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(f)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collection)	Ram- paian (Misc- ellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	-	-	-	46	339	-	-	-	-	-	-	-	-	-	385	23
	Puput/Beli Mata/Tirok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	-	-	-	-	-	-	-	41	69	-	-	-	-	-	110	7
31	Lidah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sebelah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Daun Baharu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Delah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik	-	-	-	-	-	-	-	-	58	-	-	-	-	-	58	4
	Dengkis/Debam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gelama/Tengkerong	-	-	-	102	151	-	-	-	-	-	-	-	-	-	253	15
	Gerut-Gerut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jenahak	-	-	-	-	-	-	-	207	301	-	-	-	-	-	508	31
	Kaci	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerapu	-	-	-	-	-	-	-	105	80	-	-	-	-	-	185	11
	Kerisi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Malong	-	-	-	-	-	-	-	-	49	-	-	-	-	-	49	3
	Merah	-	-	-	-	-	-	-	327	324	-	-	-	-	-	651	39
	Mengkerong/Conor/Ubi-Ubi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remong/Kunyit Kunyit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Semilang	-	-	-	29	27	-	-	-	19	-	-	-	-	-	75	5
	Shrumbu/Lemah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang Kacang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aruan Tasik	-	-	-	-	-	-	-	-	102	-	-	-	-	-	102	6
	Bawal	-	-	-	-	454	-	-	-	-	-	-	-	-	-	454	27
	Belanak/Kedera	-	-	-	152	286	-	-	-	-	-	-	-	-	-	438	27
	Cermin/Sagai/Cupak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cencaru	-	-	-	-	-	-	-	-	320	-	-	-	-	-	320	19
	Demudok/Rambai	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kurau/Senangin/Senohong	-	-	-	-	-	-	-	-	153	-	-	-	-	-	153	9

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misco- llene- ous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belet Belet (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Peleta/Selar	-	-	-	-	-	-	-	-	188	-	-	-	-	-	188	11
	Selar Kuning/Lolong	-	-	-	-	-	-	-	-	46	-	-	-	-	-	46	3
	Selayang/Curut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	-	-	-	-	178	-	-	-	-	-	-	-	-	-	178	11
36	Bilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parang-Parang	-	-	-	-	360	-	-	-	-	-	-	-	-	-	360	22
	Tamban	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	-	-	-	-	8	-	-	-	-	-	-	-	-	-	8	-
38	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kembong/Temenong	-	-	-	-	-	-	-	-	145	-	-	-	-	-	145	9
39	Tenggiri	-	-	-	-	536	-	-	-	-	-	-	-	-	-	536	32
	Timah/Layor/Selayor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Pari	-	-	-	-	-	-	-	-	366	-	-	-	-	-	366	22
	Yu	-	-	-	-	-	-	-	-	75	-	-	-	-	-	75	5
41	Ikan Baja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ikan Campur	-	-	-	-	235	757	-	-	-	-	-	-	-	-	992	60
42	Jebong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ketam	-	-	-	-	89	265	-	-	-	-	-	-	-	-	-	-
45	Udang Karang/Lobok	-	-	-	-	-	-	-	-	-	-	-	-	-	123	477	29
	Udang Besar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	Udang Sedang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Udang Kecil	-	-	-	-	318	486	-	-	-	-	-	-	-	-	804	49
56	Udang Baring	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Kereta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Sotong Katak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Biasa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jumlah	-	-	-	971	3,847	-	-	680	2,295	-	-	-	-	123	7,916	479
	Pikul (Piculs) M. Ton (M. Tonnes)	-	-	-	59	233	-	-	41	139	-	-	-	-	7	-	-

MELAKA (MALACCA)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(g)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misc- ellen- sious)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	-	-	-	-	1,034	-	-	-	-	-	-	-	-	-	1,034	63
	Puput/Beliat Mata/Tirok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	-	-	-	-	247	-	-	-	-	-	-	-	-	-	247	15
31	Lidah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sebelah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Daun Baharu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Delah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik	-	-	-	559	1,431	-	-	-	2,323	-	4	-	-	-	4,317	261
	Dengkis/Debam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gelama/Tengkerong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gerut-Gerut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jenahak	-	-	-	-	-	-	-	-	1,563	-	-	-	-	-	1,563	95
	Kaci	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerapu	-	-	-	-	-	-	-	-	784	-	-	-	-	-	784	47
	Kerisi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Malong	-	-	-	-	-	-	-	-	381	-	-	-	-	-	381	23
	Merah	-	-	-	-	-	-	-	-	422	-	-	-	-	-	422	26
	Mengkerong/Conor/Ubi-Ubi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remong/Kunyit Kunyit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Semilang	-	-	-	-	-	-	-	-	-	-	283	21	-	-	304	18
	Shrumbu/Lamah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang Kacang	-	-	-	-	-	-	-	-	18	-	-	-	-	-	18	1
	Aruan Tasik	-	-	-	-	65	-	-	-	-	-	-	-	-	-	65	4
	Bawal	-	-	-	-	818	-	-	-	-	-	-	-	-	-	818	49
	Belanak/Kedera	-	-	-	-	-	-	-	-	-	-	267	25	-	-	292	18
	Cermin/Sagai/Cupak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cencaru	-	-	-	-	1,775	-	-	-	-	-	-	-	-	-	1,775	107
	Demudok/Rambai	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kurau/Senangin/Senohong	-	-	-	-	200	-	-	-	777	-	-	-	-	-	977	59

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misco- lleneous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Peleta/Selar	-	-	-	-	-	-	-	-	30	-	-	-	-	-	30	2
	Selar Kuning/Lolong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selayang/Curut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	-	-	-	-	195	-	-	-	7	-	-	-	-	-	202	12
36	Bilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parang-Parang	-	-	-	-	6,810	-	-	-	-	-	-	-	-	-	6,810	412
	Tamban	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kembong/Temenong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tenggiri	-	-	-	-	861	-	-	-	-	-	-	-	-	-	861	52
	Timah/Layor/Selayor	-	-	-	-	6,969	-	-	-	-	-	-	-	-	-	6,969	422
	Pari	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Yu	-	-	-	-	112	-	-	-	1,805	-	-	-	-	-	1,805	109
	Ikan Baja	-	-	-	634	-	-	1,108	-	392	-	-	-	-	-	504	31
	Ikan Campur	-	-	-	714	4,382	-	440	-	-	-	65	16	-	33	1,856	112
	Jebong	-	-	-	-	-	-	-	-	-	-	191	85	-	146	5,958	360
	Ketam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Udang Karang/Lobok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Udang Besar	-	-	-	159	293	-	103	-	-	-	-	40	-	-	595	36
	Udang Sedang	-	-	-	246	286	-	242	-	-	-	-	146	-	-	920	56
	Udang Kecil	-	-	-	388	294	-	183	-	-	-	-	165	-	-	1,030	62
	Udang Baring	-	-	-	-	-	-	474	-	-	-	-	711	-	-	1,185	72
56	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Kereta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Katak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Biasa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah : Pikul (Piculs) M. Ton (M. Tonnes)		-	-	-	2,700 164	25,772 1,559	-	2,550 154	-	8,502 514	-	810 49	1,209 73	-	179 11	41,722	2,524

JOHOR BARAT (WEST JOHORE)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(h)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Manyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ren- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misco- llene- ous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	268	-	-	23	1,960	-	-	-	-	-	-	-	-	-	2,251	136
	Puput/Beliat Mata/Tirok	2,572	-	-	2	1,847	-	-	-	-	-	-	-	-	-	4,421	267
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	1	-	-	-	-	-	-	152	27	-	-	-	-	-	180	11
31	Lidah	441	-	-	-	-	-	-	-	-	-	-	-	-	-	441	27
33	Sebelah	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	167	-	-	-	-	-	-	-	-	-	-	-	-	-	167	10
	Daun Baharu	150	-	-	-	-	-	-	-	-	-	-	-	-	-	150	9
	Delah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik	856	-	-	-	4,366	-	-	-	3,166	50	257	-	-	-	8,695	526
	Dengkis/Debam	-	-	-	-	-	-	9	67	-	-	-	-	-	-	76	5
	Gelama/Tengkerong	4,946	-	-	-	2,126	-	95	-	-	34	442	-	-	-	7,643	462
	Gerut-Gerut	40	-	-	-	-	-	-	-	-	-	-	-	-	-	40	2
	Jenahak	127	-	-	-	-	-	54	497	592	-	-	-	-	-	1,270	77
	Kaci	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerapu	16	-	-	-	-	-	-	868	303	-	-	-	-	-	1,187	72
	Kerisi	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	-	-	-	-	200	-	-	-	-	-	-	-	-	-	200	12
	Malong	4,213	-	-	2	14	-	-	-	3,745	-	61	-	-	-	8,035	486
	Merah	19	-	-	-	-	-	4	170	952	-	-	-	-	-	1,145	69
	Mengkerong/Conor/Ubi-Ubi	274	-	-	-	-	-	-	-	-	-	-	-	-	-	274	17
	Remong/Kunyit Kunyit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Semilang	-	-	-	-	120	-	73	-	463	-	868	-	-	-	1,524	92
	Shrumbu/Lemah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Alu-Alu/Kacang Kacang	161	-	-	-	-	-	-	-	-	-	-	-	-	-	161	10
34	Aruan Tasik	-	-	-	-	125	-	-	63	684	-	109	-	-	-	981	59
	Bawal	2,652	-	-	68	4,611	-	661	-	-	-	-	-	-	-	7,992	483
	Belanak/Kedera	1	-	-	186	-	-	-	-	-	-	915	-	-	-	1,102	67
	Cermin/Sagai/Cupak	153	-	-	-	22	-	-	-	-	-	55	-	-	-	230	14
	Cencaru	949	-	-	-	112	-	-	-	-	-	-	-	-	-	1,061	64
	Demudok/Rambai	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kurau/Senangin/Senohong	1,298	-	-	-	605	-	-	175	350	-	-	-	-	-	2,428	147

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Manyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misco- llene- ous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	232	-	-	-	-	-	400	10	102	14	-	-	-	-	758	46
	Selar Kuning/Lolong	159	-	-	-	-	-	-	-	-	-	-	-	-	-	159	10
	Selayang/Curut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pisang-Pisang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Talang	10	-	-	-	93	-	-	-	38	-	-	-	-	-	141	9
	Bilis	958	-	-	-	-	-	230	-	-	-	-	-	-	-	1,188	72
	Parang-Parang	1,530	-	-	-	6,708	-	420	-	-	-	-	-	-	-	8,658	524
36	Tamban	1,705	-	-	-	-	-	230	-	-	-	-	-	-	-	1,935	117
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kembong/Temenong	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tenggiri	820	-	-	-	10,338	-	222	-	-	-	-	-	-	-	2	-
38	Timah/Layor/Selayor	215	-	-	-	16	-	-	-	-	-	1	-	-	-	11,380	688
	Pari	3,370	-	-	-	1,027	-	-	-	4,626	-	-	-	-	-	232	14
	Yu	643	-	-	-	948	-	-	-	-	-	-	-	-	-	9,023	546
39	Ikan Baja	66,944	-	-	44	-	-	8,742	679	-	3,902	22	-	-	-	1,708	103
	Ikan Campur	4,563	-	-	95	10,284	-	1,945	327	50	327	594	-	-	-	80,333	4,860
	Jebong	3	-	-	-	-	-	-	-	-	-	-	-	-	-	18,185	1,100
42	Ketam	18	-	-	-	219	-	2	290	-	-	-	-	-	-	3	-
45	Udang Karang/Lobok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	529	32
	Udang Besar	913	-	-	11	3,382	-	30	-	-	-	305	-	-	12	4,653	281
	Udang Sedang	2,126	-	-	430	2,536	-	89	-	-	92	81	-	-	62	5,416	328
56	Udang Kecil	31,937	-	-	1,588	1,069	-	1,483	70	-	1,317	706	-	-	3	38,173	2,309
	Udang Baring	-	-	-	-	-	-	-	262	-	9,809	120	-	-	-	10,191	617
	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	986	-	986	60
57	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	778	-	778	47
	Sotong Kereta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Katak	1,146	-	-	-	-	-	20	-	-	-	-	-	-	-	1,166	71
76	Sotong Biasa	1,439	-	-	-	-	-	-	-	-	-	-	-	-	-	1,439	87
	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		138,042 8,351	- -	- -	2,449 148	52,728 3,190	- -	14,709 890	3,630 220	15,215 920	15,545 940	4,536 274	- -	1,764 107	77 5	248,695	15,045

KELANTAN
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(i)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- pala (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	-	-	-	-	38	-	-	-	-	-	-	-	-	-	38	2
	Puput/Beliat Mata/Tirok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Lidah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sebelah	115	-	-	-	-	-	-	-	-	-	-	-	-	-	115	7
33	Bayan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Biji Nangka	2,990	-	-	-	-	-	-	-	-	-	-	-	-	-	2,990	181
	Daun Baharu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Delah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Duri/Pulutan/Utik	426	196	-	-	88	-	-	-	-	-	-	-	-	-	710	43
	Dengkis/Debam	132	-	-	-	-	-	-	27	-	-	-	-	-	-	159	10
	Gelama/Tengkerong	1,151	-	20	232	822	-	-	42	198	-	-	-	-	-	2,465	149
	Gerut-Gerut	279	-	-	-	154	-	-	74	77	-	-	-	-	-	584	35
	Jenahak	22	-	-	-	-	-	-	2	15	-	-	-	-	-	39	2
	Kaci	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kerapu	215	-	-	-	-	-	-	360	160	-	-	-	-	-	735	45
	Kerisi	1,484	-	-	34	74	-	-	86	635	-	-	-	-	-	2,313	140
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	1,341	-	-	102	-	-	-	-	-	-	-	-	-	-	1,443	87
	Malong	34	-	-	-	-	-	-	-	-	-	-	-	-	-	34	2
	Merah	140	-	-	-	-	-	-	2,888	47	-	-	-	-	-	3,075	186
	Mengkerong/Conor/Ubi-Ubi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Remong/Kunyit Kunyit	450	-	-	-	-	-	-	127	276	-	-	-	-	-	853	52
	Semilang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Shrumbu/Lamah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	215	-	-	-	132	-	-	-	20	-	-	-	-	-	367	22
	Pasir-Pasir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Alu-Alu/Kacang Kacang	380	-	-	1	-	-	-	-	-	-	-	-	-	-	381	23
	Aruan Tasik	29	-	-	-	-	-	-	410	35	-	-	-	-	-	474	29
	Bawal	643	567	176	-	353	579	-	35	-	-	-	-	-	-	2,353	142
	Belanak/Kedera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Carmin/Sagai/Cupak	715	-	27	-	-	107	-	-	-	-	-	-	-	-	849	51
	Cencaru	49	2,232	-	-	-	425	-	-	-	-	-	-	-	-	2,706	164
	Demudok/Rambai	727	887	-	-	-	3	-	12	405	-	-	-	-	-	2,034	123
	Kurau/Senangin/Senohong	-	-	-	-	-	84	-	-	-	-	-	-	-	-	84	5

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	460	14,844	-	-	49	6,758	-	-	125	-	-	-	-	-	22,236	1,345
	Selar Kuning/Lolong	1,025	22,392	-	-	59	18,594	-	-	-	-	-	-	-	-	42,070	2,545
	Selayang/Curut	-	53,051	-	-	865	5,818	-	-	-	-	-	-	-	-	59,734	3,614
	Pisang-Pisang	-	-	-	-	-	55	-	-	-	-	-	-	-	-	55	3
	Talang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bilis	-	-	540	60	-	-	-	-	-	-	-	-	-	-	600	36
	Parang-Parang	901	-	57	125	1,236	802	-	-	-	-	-	-	-	-	3,121	189
36	Tamban	-	4,874	-	-	1,542	6,616	-	-	-	-	-	-	-	-	13,032	788
	Bulan-Bulan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aya/Kayu/Tongkol	-	2,572	-	-	5	5	-	-	44	-	-	-	-	-	2,626	159
37	Layaran/Mersuji	-	-	-	-	-	-	-	-	35	-	-	-	-	-	35	2
	Kembong/Temenong	-	83,935	-	-	4,685	2,704	-	-	185	-	-	-	-	-	91,509	5,536
38	Tenggiri	242	-	-	59	1,213	-	-	-	825	-	-	-	-	-	2,339	142
	Timah/Layor/Selayor	1,139	-	-	315	769	-	-	-	-	-	-	-	-	-	2,223	135
	Pari	768	-	-	-	109	-	-	50	118	-	-	-	-	-	1,045	63
39	Yu	492	-	-	-	113	-	-	41	3	-	-	-	-	-	649	39
	Ikan Baja	8,553	-	-	-	-	-	-	106	28	-	-	-	-	-	8,687	526
	Ikan Campur	3,574	-	173	312	382	166	-	44	63	-	-	-	-	-	4,714	285
42	Jebong	69	-	-	-	31	95	-	-	-	-	-	-	-	-	195	12
	Ketam	961	-	-	-	222	-	-	-	-	-	-	-	-	-	1,183	72
	Udang Karang/Lobok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Udang Besar	683	-	-	-	1,565	-	-	-	-	-	-	-	-	-	2,248	136
	Udang Sedang	2,239	-	-	-	1,642	-	-	-	-	-	-	-	-	-	3,881	235
	Udang Kecil	707	-	-	-	572	-	-	-	-	-	-	-	-	-	1,279	77
	Udang Baring	-	-	-	3,374	-	-	-	-	-	-	-	-	-	9,770	13,144	795
	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Kerata	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Katak	1,213	-	-	-	108	-	-	-	-	-	-	-	-	35	1,356	82
57	Sotong Biasa	2,465	-	-	-	3	-	-	-	-	-	-	-	-	270	2,738	166
	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Jumlah	37,028	185,550	993	4,614	16,831	42,811	-	4,304	3,294	-	-	-	-	10,075	305,500	18,482
	Pikul (Piculs) M. Ton (M. Tonnes)	2,240	11,225	60	279	1,018	2,590	-	261	199	-	-	-	-	610	-	-

TRENGGANU
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(j)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Barrier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misco- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puput/Beliat Mata/Tirok	24	—	—	—	—	—	—	—	—	—	—	—	—	—	24	1
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	54	—	—	—	—	—	—	54	3
31	Lidah	854	—	—	—	—	—	—	—	—	—	—	—	—	—	854	52
	Sebelah	716	—	—	—	—	—	—	76	—	—	—	—	—	—	792	48
33	Bayan	90	—	—	—	—	—	—	320	87	—	—	—	—	—	497	30
	Biji Nangka	5,236	—	—	—	—	—	—	73	186	—	—	—	—	—	5,495	332
	Daun Baharu	776	—	—	—	156	—	—	373	193	—	—	—	—	—	1,498	91
	Delah	461	—	—	—	200	—	—	1,814	635	—	—	—	—	—	3,110	188
	Duri/Pulutan/Utik	1,373	2,793	10,080	—	1,059	—	—	101	1,856	—	—	—	—	—	17,262	1,044
	Dengkis/Debam	336	—	—	—	—	—	—	2,651	—	—	—	—	—	—	2,987	181
	Gelama/Tengkerong	1,607	1,460	5	20	1,183	—	—	213	205	—	—	—	—	—	4,693	284
	Gerut-Gerut	817	—	—	—	214	5	—	852	985	—	—	—	—	—	2,873	174
	Jenahak	85	—	—	—	—	—	—	1,582	902	—	—	—	—	—	2,569	155
	Kaci	21	—	—	—	—	—	—	2,036	331	—	—	—	—	—	2,388	144
	Kerapu	1,190	—	—	—	35	—	—	6,346	4,200	—	—	—	—	—	11,771	712
	Kerisi	16,131	—	—	—	372	—	—	2,871	6,990	—	—	—	—	—	26,364	1,595
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	1,615	800	25	—	1,290	151	—	4	495	—	—	—	—	—	4,380	265
	Malong	18	—	—	—	—	—	—	39	31	—	—	—	—	—	88	5
	Merah	1,027	—	—	—	—	—	—	17,178	640	—	—	—	—	—	18,845	1,140
	Mengkerong/Conor/Ubi-Ubi	1,049	—	—	—	305	—	—	140	228	—	—	—	—	—	1,722	104
	Remong/Kunyit Kunyit	277	264	—	—	—	—	—	2,793	127	—	—	—	—	—	3,461	209
	Semilang	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
	Shrumbu/Lemah	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
	Puntong Damar/Bulus	1,064	—	—	—	—	—	—	—	103	—	—	—	—	—	1,167	71
	Pasir-Pasir	49	—	—	—	—	—	—	—	—	—	—	—	—	—	49	3
34	Alu-Alu/Kacang Kacang	628	81	123	—	1,330	—	—	184	595	—	—	—	—	—	2,941	178
	Aruan Tasik	164	5	—	—	519	—	—	804	7,378	—	—	—	—	—	8,870	537
	Bawal	—	2,704	101	—	1,826	3,937	—	—	230	—	—	—	—	—	8,798	532
	Belanak/Kedera	—	—	—	—	3,310	35	—	565	—	—	—	—	—	—	3,910	237
	Cermin/Sagai/Cupak	1,843	483	—	—	696	85	—	3,372	3,043	—	—	—	—	—	9,522	576
	Cencaru	7	1,926	1,215	—	6,364	3,618	—	1,021	2,175	—	—	—	—	—	16,326	988
	Demudok/Rambai	118	1,468	790	—	444	748	—	4,517	2,010	—	—	—	—	—	10,095	611
	Kurau/Senangin/Senohong	—	—	—	—	—	—	—	39	—	—	—	—	—	—	39	2

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul/ (Bag Nets)	Pukat Renang (Barrier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misc- ellen- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Peleta/Selar	342	20,102	205	—	7,759	8,246	—	160	7,145	—	—	—	—	—	43,959	2,659
	Selar Kuning/Lolong	486	22,238	1,921	—	9,034	15,560	—	1	1,005	—	—	—	—	—	50,245	3,040
	Selayang/Curut	—	88,202	676	—	137	11,329	—	—	1,805	—	—	—	—	—	102,149	6,180
	Pisang-Pisang	215	370	270	—	103	52	—	45	78	—	—	—	—	—	1,133	69
	Talang	—	229	—	—	974	—	—	—	1,239	—	—	—	—	—	2,442	148
	Bilis	17	—	27,155	74	120	—	—	—	—	—	—	—	—	—	27,366	1,656
	Parang-Parang	78	—	—	36	3,739	—	—	—	282	—	—	—	—	—	4,135	250
	Tamban	—	46,136	6,070	108	2,850	4,263	—	—	—	—	—	—	—	—	59,427	3,595
36	Bulan-Bulan	—	—	—	—	80	—	—	237	—	—	—	—	—	—	317	19
	Aya/Kayu/Tongkol	—	9,316	1,860	—	30,763	3,253	—	—	29,169	—	—	—	—	—	74,361	4,499
37	Layaran/Mersuji	1	—	—	—	—	—	—	—	9,347	—	—	—	—	—	9,348	566
	Kembong/Temenong	—	148,964	—	—	15,718	11,296	—	—	3,513	—	—	—	—	—	179,491	10,858
38	Tenggiri	—	2,945	—	18	23,004	1,047	—	—	21,810	—	—	—	—	—	48,824	2,954
	Timah/Layor/Selayor	609	285	—	3	3,802	—	—	—	620	—	—	—	—	—	5,319	322
39	Pari	1,056	—	—	—	263	—	—	177	2,253	—	—	—	—	—	3,749	227
	Yu	748	907	—	—	1,132	—	—	—	1,847	—	—	—	—	—	4,634	280
42	Ikan Baja	79,934	—	—	—	77	—	—	—	—	—	—	—	—	—	80,011	4,840
	Ikan Campur	4,733	6,467	3,799	17	19,133	2,395	—	9,105	7,880	—	—	—	—	—	53,529	3,238
45	Jebong	35	—	—	—	—	—	—	3,145	—	—	—	—	—	—	3,180	193
	Ketam	252	—	—	—	1	—	—	194	—	—	—	—	—	—	447	27
56	Udang Karang/Lobok	51	—	—	—	—	—	—	1	—	—	—	—	—	—	52	3
	Udang Besar	1,162	—	—	—	573	—	—	—	—	—	—	—	—	—	1,735	105
57	Udang Sedang	2,171	—	—	—	377	—	—	—	—	—	—	—	—	—	2,548	154
	Udang Kecil	4,566	—	—	2,211	58	—	—	20	—	—	—	—	—	—	6,855	415
76	Udang Baring	—	—	—	2,752	—	—	—	—	—	—	—	—	—	—	2,752	166
	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Sotong Katak	2,397	—	—	—	—	—	—	2,529	—	—	—	—	—	—	4,926	298
	Sotong Biasa	3,407	2,647	39	—	—	—	—	98	1,273	—	—	—	—	15,186	22,650	1,370
76	Ubur-Ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah	139,840	360,792	54,334	5,239	139,000	66,020	—	65,730	122,891	—	—	—	—	15,186	969,032	58,623
76	Pikul (Piculs)	8,460	21,827	3,287	317	8,409	3,994	—	3,976	7,434	—	—	—	—	919	—	—
	M. Ton (M. Tonnes)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

PAHANG
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(k)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Bentang (Barrier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- pakan (Misc- ellan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	509	-	-	-	62	-	-	-	-	-	-	-	-	-	571	35
	Puput/Beliat Mata/Tirok	234	-	-	64	-	7	-	-	-	-	-	-	-	-	305	18
	Terubok	9	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1
25	Siakap	-	-	-	-	59	-	-	1,484	2,482	-	-	-	-	-	4,025	244
31	Lidah	144	-	-	-	-	-	-	-	-	-	-	-	-	-	144	9
	Sebelah	140	-	-	-	-	-	-	-	-	-	-	-	-	-	140	8
33	Bayan	8	-	-	-	-	-	-	435	653	-	-	-	-	-	1,096	66
	Biji Nangka	980	56	-	163	-	86	-	74	-	-	-	-	-	-	1,359	82
	Daun Baharu	53	-	-	-	-	-	-	31	-	-	-	-	-	-	84	5
	Delah	-	-	-	-	-	-	-	170	-	-	-	-	-	-	170	10
	Duri/Pulutan/Utik	2,447	-	-	303	282	-	-	-	216	-	-	-	-	-	3,248	197
	Dengkis/Debam	614	171	-	12	-	-	-	327	653	-	-	-	-	-	1,777	108
	Gelama/Tengkerong	2,890	160	171	610	2,144	238	-	1,313	3,057	-	-	-	-	-	10,583	640
	Gerut-Gerut	17	-	-	-	-	2	-	958	247	-	-	-	-	-	1,224	74
	Jenahak	4	-	-	-	-	-	-	524	13	-	-	-	-	-	541	33
	Kaci	97	-	-	-	-	-	-	498	1,879	-	-	-	-	-	2,474	150
	Kerapu	295	-	-	64	90	100	-	3,188	2,750	-	-	-	-	-	6,487	392
	Kerisi	4,916	46	-	-	236	91	-	1,321	5,001	-	-	-	-	-	11,611	702
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	174	-	-	2	-	19	-	348	-	-	-	-	-	-	543	33
	Malong	7	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
	Merah	267	-	-	-	-	-	-	2,634	3,797	-	-	-	-	-	6,698	405
	Mengkerong/Conor/Ubi-Ubi	980	-	-	-	-	-	-	-	-	-	-	-	-	-	980	59
	Remong/Kunyit Kunyit	409	-	-	11	66	17	-	592	76	-	-	-	-	-	1,171	71
	Semilang	7	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
	Shrumbu/Lamah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	1,927	-	-	11	97	25	-	62	-	-	-	-	-	-	2,122	128
	Pasir-Pasir	1,147	-	-	-	-	-	-	-	-	-	-	-	-	-	1,147	69
34	Alu-Alu/Kacang Kacang	468	149	-	-	20	-	-	-	232	-	-	-	-	-	869	53
	Aruan Tasik	147	-	-	-	-	-	-	-	7,978	-	-	-	-	-	8,125	492
	Bawal	528	455	-	451	3,520	27	-	8	-	-	-	-	-	-	4,989	302
	Belanak/Kedera	-	-	-	728	34	-	-	-	-	-	-	-	-	-	762	46
	Cermin/Sagai/Cupak	576	-	-	-	2,331	-	-	7	-	-	-	-	-	-	2,914	176
	Cencaru	322	1,148	-	-	1,211	100	-	-	115	-	-	-	-	-	2,896	175
	Demudok/Rambai	111	1,142	-	-	530	73	-	779	46	-	-	-	-	-	2,681	162
	Kurau/Senangin/Senohong	122	-	-	354	212	-	-	172	166	-	-	-	-	-	1,026	62

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

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Terik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Mise- lien- sious)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	465	3,225	-	-	2,256	442	-	-	2,656	-	-	-	-	-	9,044	547
	Selar Kuning/Lolong	2,636	8,252	-	41	229	7,047	-	-	-	-	-	-	-	-	18,205	1,102
	Selayang/Curut	8	6,658	-	-	74	4,367	-	-	-	-	-	-	-	-	11,107	672
	Pisang-Pisang	466	50	-	-	-	-	-	-	-	-	-	-	-	-	516	31
	Talang	61	235	-	-	225	-	-	-	-	-	-	-	-	-	521	32
	Bilis	-	-	3,601	102	-	-	348	-	-	-	-	-	-	-	4,051	245
	Parang-Parang	267	-	-	137	2,912	40	11	-	438	-	-	-	-	-	3,805	230
	Tamban	16	8,525	687	-	280	3,616	144	-	-	-	-	-	-	-	13,268	803
	Bulan-Bulan	486	-	-	-	-	-	-	-	-	-	-	-	-	-	486	29
36	Aya/Kayu/Tongkol	-	522	-	-	4,270	-	-	-	6,264	-	-	-	-	-	11,056	669
	Layaran/Mersuji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Kembong/Temenong	255	19,153	-	64	8,696	1,017	-	-	653	-	-	-	-	-	29,838	1,805
	Tenggiri	150	-	-	-	6,356	-	-	-	6,978	-	-	-	-	-	13,484	816
38	Timah/Layor/Selayor	352	-	-	-	-	-	-	-	-	-	-	-	-	-	352	21
	Pari	3,257	-	-	59	8	-	-	-	494	-	-	-	-	-	3,818	231
39	Yu	1,321	14	-	38	560	-	-	-	132	-	-	-	-	-	2,065	125
	Ikan Baja	135,214	-	426	3	-	-	24	-	-	27	-	-	-	-	135,694	8,209
42	Ikan Campur	5,614	113	2,190	133	426	71	-	657	2,007	11	-	-	-	-	11,222	679
	Jebong	29	-	-	-	-	-	-	153	-	-	-	-	-	-	182	11
45	Ketam	2,664	-	-	191	765	-	-	585	-	-	-	-	-	-	4,205	254
	Udang Karang/Lobok	575	-	-	-	-	-	-	-	-	-	-	-	-	-	575	35
56	Udang Besar	2,875	-	-	191	1,323	-	-	-	-	1	-	-	-	-	4,390	266
	Udang Sedang	8,259	-	-	209	1,257	-	-	-	-	5	-	-	-	-	9,730	589
57	Udang Kecil	2,578	-	-	194	1,341	-	-	-	-	-	-	-	-	-	4,113	249
	Udang Baring	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	24	-	24	1
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Sotong Kereta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Katak	1,609	-	-	-	-	-	-	-	-	-	-	-	-	-	1,609	97
76	Sotong Biasa	3,441	132	-	-	-	-	-	-	150	-	-	-	-	-	3,723	225
	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jumlah (Total)		193,147	50,206	7,075	4,135	41,872	17,385	527	16,320	49,133	44	-	-	24	-	379,868	22,980
Pikul (Piculs)		11,685	3,037	428	250	2,533	1,052	32	987	2,072	3	-	-	2	-	-	-
M. Ton (M. Tonnes)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

JOHOR TIMUR (JOHORE EAST)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1980
(Landings of Marine Fish by Gear Group and Type of Fish, 1980)

Jadual (Table) 2.16(I)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Manyut (Drift/ Gill Nets)	Pukat Tangkap (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- pala- n (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
24	Kebasi/Selangat	936	-	-	-	532	-	-	-	-	16	-	-	-	-	1,484	90
	Puput/Beliat Mata/Tirok	604	-	-	-	26	-	-	-	-	13	-	-	-	-	643	39
	Terubok	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Siakap	2	-	-	-	-	-	-	-	116	-	-	-	-	-	118	7
31	Lidah	46	-	-	-	-	-	-	-	-	-	-	-	-	-	46	3
33	Sebelah	233	-	-	-	6	-	-	-	-	4	-	-	-	-	243	15
	Bayan	-	-	-	-	-	-	-	44	65	-	-	-	-	-	109	7
	Biji Nangka	1,688	-	-	-	-	-	-	-	-	-	-	-	-	-	1,688	102
	Daun Baharu	382	-	-	-	8	-	-	11	-	-	-	-	-	-	401	24
	Delah	2	-	-	-	-	-	-	338	222	450	-	-	-	-	1,012	61
	Duri/Pulutan/Utik	1,371	2,225	-	-	406	-	40	-	1,115	11	-	-	-	-	5,168	313
	Dengkis/Debam	2,372	-	-	-	10	-	-	266	-	-	-	-	-	-	2,648	160
	Gelama/Tengkerong	5,550	-	-	-	87	-	76	-	-	162	-	-	-	-	5,875	355
	Gerut-Gerut	22	-	-	-	-	-	29	11	-	-	-	-	-	-	62	4
	Jenahak	2	-	-	-	-	-	-	29	83	-	-	-	-	-	114	7
	Kaci	545	-	-	-	-	-	-	163	-	-	-	-	-	-	708	43
	Kerapu	104	-	-	-	-	-	-	305	637	-	-	-	-	-	1,046	63
	Kerisi	17,737	-	-	-	-	-	27	-	610	-	-	-	-	-	18,374	1,112
	Kerisi Bali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kikek	1,626	14	-	-	57	-	583	-	-	13	-	-	-	-	2,293	139
	Malong	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Merah	986	-	-	-	-	-	72	429	710	-	-	-	-	-	2,197	133
	Mengkerong/Conor/Ubi-Ubi	171	-	-	-	-	-	-	-	-	-	-	-	-	-	171	10
	Remong/Kunyit Kunyit	1,169	-	-	-	-	-	96	-	23	-	-	-	-	-	1,288	78
	Semilang	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
	Shrumbu/Lamah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Puntong Damar/Bulus	837	-	-	-	-	-	-	-	-	5	-	-	-	-	842	51
	Pasir-Pasir	5,452	-	-	-	-	-	-	-	-	-	-	-	-	-	5,452	330
	Alu-Alu/Kacang Kacang	434	271	-	-	760	-	238	-	969	-	-	-	-	-	2,672	162
	Aruan Tasik	2	93	-	-	226	-	-	-	789	-	-	-	-	-	1,110	67
	Bawal	84	106	-	-	166	-	-	-	-	-	-	-	-	-	356	22
	Belanak/Kedera	-	-	-	-	123	-	-	-	-	-	-	-	-	-	123	7
	Carmin/Sagai/Cupak	768	1,082	-	-	-	-	124	3	107	-	-	-	-	-	2,084	126
	Cencaru	27	70	-	-	35	-	-	-	12,796	-	-	-	-	-	12,928	782
	Demudok/Rambai	2	2,205	-	-	34	-	-	12	1,224	-	-	-	-	-	3,477	210
	Kurau/Senangin/Senohong	7	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-

Sambungan (Continued)

ISSCAAP GROUP NO.	Jenis Ikan (Type of Fish)	Pukat Tunda (Trawl Nets)	Pukat-Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hooks & Lines)	Pukat Bakul (Bag Nets)	Pukat Ran- tang (Bar- rier Nets)	Pukat Surung (Push Nets)	Memun- gut Siput (Shell- fish Collec- tion)	Ram- paian (Misce- llan- eous)	Jumlah (Total)	
	Nama Tempatan (Local Name)		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine -Ancho- vy)	Lain Pukat Tarik (Other Seines)			Belat Belat (Stat- ionary)	Bubu (port- able)							Pikul (Piculs)	M. Ton (M. Tonnes)
35	Pelata/Selar	397	9,646	-	-	148	24	950	-	11,152	-	-	-	-	-	22,317	1,350
	Selar Kuning/Lolong	27,571	21,870	-	-	-	629	1,689	-	-	-	-	-	-	-	51,759	3,131
	Selayang/Curut	9	27,467	-	-	-	600	-	-	1,196	-	-	-	-	-	29,272	1,771
	Pisang-Pisang	-	9	-	-	-	-	-	-	444	-	-	-	-	-	453	27
	Talang	5	23	-	-	1,231	-	18	-	388	-	-	-	-	-	1,665	101
	Bilis	46	-	-	-	-	-	2,797	-	-	-	-	-	-	-	2,843	172
	Parang-Parang	59	-	-	-	3,700	-	6	-	-	-	-	-	-	-	3,765	228
36	Tamban	35	42,352	-	-	-	601	2,338	-	167	-	-	-	-	-	45,493	2,752
	Bulan-Bulan	-	79	-	-	-	-	-	-	-	-	-	-	-	-	79	5
	Aya/Kayu/Tongkol	-	451	-	-	5,715	-	-	-	11,356	-	-	-	-	-	17,522	1,060
37	Layaran/Mersuji	-	-	-	-	-	-	-	-	183	-	-	-	-	-	183	11
	Kembong/Temenong	516	67,488	-	-	8,154	-	50	-	3,580	-	-	-	-	-	79,788	4,827
38	Tenggiri	288	-	-	-	8,866	-	-	-	13,910	-	-	-	-	-	23,064	1,395
	Timah/Layor/Selayor	330	3	-	-	-	-	25	-	-	334	-	-	-	-	692	42
	Pari	1,290	-	-	-	151	-	-	31	-	54	-	-	-	-	1,526	92
39	Yu	626	30	-	-	1,695	-	-	88	1,209	-	-	-	-	-	3,648	221
	Ikan Baja	69,680	-	-	-	-	-	-	-	-	20,143	-	-	-	-	89,823	5,434
	Ikan Campur	398	22	-	-	307	-	269	226	320	927	-	-	-	-	2,469	149
42	Jebong	332	-	-	-	-	-	-	99	7	-	-	-	-	-	438	26
	Ketam	2,871	-	-	-	1,475	-	10	-	-	182	-	-	-	-	4,538	275
45	Udang Karang/Lobok	187	-	-	-	5	-	-	-	-	55	-	-	-	-	247	15
	Udang Besar	3,134	-	-	-	201	-	15	-	-	416	-	-	-	-	3,766	228
	Udang Sedang	2,500	-	-	-	355	-	-	-	-	752	-	-	-	-	3,607	218
	Udang Kecil	12,701	-	-	-	216	-	84	-	-	3,356	-	-	-	-	16,357	990
	Udang Baring	-	-	-	-	-	-	-	-	-	5,954	-	-	-	-	5,954	360
56	Kerang	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Siput/Kepah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Sotong Kereta	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sotong Katak	3,067	-	-	-	-	-	56	-	-	72	-	-	-	-	9	1
	Sotong Biasa	11,313	97	-	-	-	-	456	-	-	75	-	-	-	-	3,195	193
76	Ubur-Ubur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,941	722
Jumlah : Pikul (Piculs) (Total) : M. Ton (M. Tonnes)		180,527 10,921	175,603 10,623	- -	- -	34,695 2,099	1,864 112	10,048 608	2,055 125	63,378 3,834	32,984 1,996	- -	- -	- -	- -	501,154	30,318

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PENDAPATAN UDANG BAGI TAHUN 1966 – 1980

(Prawn Landings for the Year 1966 – 1980)

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

Jadual (Table) 2.17

Tahun (Year)	Pantai Barat (West Coast)								Jumlah Kecil (Sub- Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub- Total)	Jumlah Besar (Grand Total)
	Perlis	Kedah	P. Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Johor Barat (J. West)		Kelantan	Trengganu	Pahang	Johor Timur (J. East)		
1966	183.0	219.7	1,138.3	6,228.2	6,193.3	14.0	47.2	*1,096.5	15,120.2	127.3	289.7	16.8	1,498.7	1,932.5	17,052.7
1967	96.6	382.5	1,563.6	9,562.3	10,266.0	10.6	36.8	*1,698.4	23,616.8	205.4	338.2	247.3	990.7	1,781.6	25,398.4
1968	64.2	653.9	2,532.0	14,681.1	7,905.4	5.6	80.2	784.6	26,707.0	256.7	281.6	273.7	1,698.2	2,510.2	29,217.2
1969	54.7	825.6	3,912.0	16,084.7	8,206.9	8.9	143.8	901.9	30,138.5	188.1	182.4	253.9	1,018.0	1,642.4	31,780.9
1970	99.0	673.3	4,857.5	17,403.3	13,958.5	20.7	168.5	963.7	38,144.5	422.0	207.6	435.9	2,104.3	3,169.8	41,314.3
1971	81.5	1,228.7	7,141.5	17,885.3	18,932.0	16.4	92.9	1,309.5	46,687.8	406.1	241.8	550.4	1,358.3	2,556.6	49,244.4
1972	150.4	1,652.1	7,827.7	16,589.2	8,813.5	6.2	40.3	1,870.0	36,949.4	303.7	280.1	764.8	1,440.6	2,789.2	39,738.6
1973	855.4	2,352.1	9,032.7	17,802.3	13,510.2	6.2	61.1	1,940.3	45,560.3	136.1	421.7	572.2	1,393.5	2,523.5	48,083.8
1974	1,592.0	2,667.5	7,789.3	19,977.1	14,122.8	4.9	44.8	2,432.3	48,630.7	222.1	357.4	849.8	1,753.5	3,182.8	51,813.5
1975	1,150.2	3,084.5	6,736.4	17,037.0	7,671.4	15.3	43.6	2,228.9	37,967.3	379.5	550.2	772.0	1,332.1	3,033.8	41,001.1
1976	654.6	5,365.0	5,703.6	16,934.3	12,223.8	18.9	41.6	2,639.7	43,581.5	229.1	752.1	813.7	2,274.9	4,069.8	47,651.3
1977	1,335.6	8,424.9	4,016.2	21,437.5	12,831.0	20.0	58.1	2,864.1	50,987.4	350.7	1,112.5	881.2	1,252.7	3,597.1	54,584.5
1978	2,204.7	7,085.6	3,101.1	25,839.0	22,153.7	15.3	77.1	2,540.9	63,017.4	225.2	1,050.3	988.8	2,266.6	4,530.9	67,548.3
1979	2,396.5	4,213.0	3,128.6	23,205.9	20,020.3	29.5	108.0	3,583.3	56,685.1	255.8	797.3	767.0	1,919.9	3,740.0	60,425.1
1980	2,272.0	6,781.8	4,419.5	21,544.8	12,943.9	48.6	154.0	2,918.5	51,083.1	448.1	677.0	1,137.8	1,450.5	3,713.4	54,796.5

* Angka-Angka Anggaran
(Estimated Figures)

PENDARATAN PUKAT TUNDA DI SEMENANJUNG MALAYSIA 1976 – 1980
(Trawl Landings in Peninsular Malaysia, 1976 – 1980)

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

Jadual (Table) 2.18

Negeri (State)	1976				1977				1978				1979				1980			
	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)	Jumlah Tangkapan (Total Landings)	Ikan (Fish)	Udang (Prawn)	Baja (Manure Fish)
Perlis	4,428	1,237	517	2,674	7,966	1,095	1,193	5,678	10,456	913	2,067	7,476	10,506	1,111	2,201	7,194	10,501	1,348	2,065	7,088
Kedah	39,363	17,214	4,769	17,380	58,687	26,039	7,690	24,958	54,181	24,078	6,469	23,634	51,628	18,682	3,329	29,617	72,273	20,718	5,019	46,536
P. Pinang (Penang)	6,501	2,679	1,358	2,464	4,989	1,798	923	2,268	3,531	1,763	407	1,361	5,409	1,996	1,007	2,406	5,487	1,813	902	2,772
Perak	51,045	13,104	13,244	24,697	66,451	19,597	16,393	30,461	81,845	29,788	17,170	34,887	66,689	19,265	10,352	37,072	45,463	15,909	7,196	22,358
Selangor	67,765	17,363	10,846	39,556	82,335	20,812	10,914	50,609	80,536	24,279	17,550	38,707	66,105	19,827	15,550	30,728	51,899	13,609	9,482	28,808
N. Sembilan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melaka (Malacca)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kelantan	1,387	740	158	489	1,055	490	308	257	1,462	1,033	132	297	1,638	1,127	155	356	2,240	1,503	220	517
Trengganu	17,790	8,829	726	8,235	20,022	9,585	1,062	9,375	18,175	7,670	1,020	9,485	16,947	6,278	735	9,934	8,460	3,143	481	4,836
Pahang	8,891	1,828	788	6,275	8,264	1,670	861	5,733	9,375	1,879	971	6,525	10,521	2,347	739	7,435	11,685	2,641	864	8,180
Johor Timur (J. East)	17,016	8,231	1,730	7,055	5,262	2,646	890	1,726	20,660	13,926	1,674	5,060	18,333	8,324	1,451	8,558	10,921	5,585	1,121	4,215
Johor Barat (J. West)	6,493	1,692	2,064	2,737	6,094	1,589	1,963	2,542	4,798	1,364	1,372	2,062	10,424	3,534	2,440	4,450	8,351	2,185	2,116	4,050
JUMLAH (Total)	220,679	72,917	36,200	111,562	261,125	85,321	42,197	133,607	285,019	106,693	48,832	129,494	258,200	82,491	37,959	137,750	227,280	68,454	29,466	129,360

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN NEGERI – 1980
(Landings by Trawlers by Tonnage and State – 1980)

Jadual (Table) 2.19

Jadual (Table) 2.1																	
Ukuran Muatan (Tonnage)	Negeri (State)	Pantai Barat (West Coast)							Jumlah Kecil (Sub-Total)	Pantai Timur (East Coast)				Jumlah Kecil (Sub-Total)	Jumlah Besar (Grand Total)		
		Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka		Johor Barat	Kelantan	Trengganu	Pahang		Johor Timur	Pikul (Piculs)	M. Ton (M. Tonnes)
0 – 9.9 Tons		57,226	49,729	—	124,428	159,705	—	—	75,704	466,792	14,637	43,298	41,772	1,534	101,241	568,033	34,364
10 – 24.9 Tons		59,177	254,430	—	138,352	207,050	—	—	60,117	719,126	9,381	58,877	29,795	36,854	134,907	854,033	51,666
25 – 49.9 Tons		57,180	890,506	90,705	488,726	457,854	—	—	2,221	1,987,192	13,010	34,750	118,374	118,285	284,419	2,271,611	137,423
50 – 99.9 Tons		—	—	—	—	33,278	—	—	—	33,278	—	2,915	3,206	23,854	29,975	63,253	3,827
100 Tan dan lebih (100 Tons and above)		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH Pikul : (Piculs)		173,583	1,194,665	90,705	751,506	857,887	—	—	138,042	3,206,388	37,028	139,840	193,147	180,527	550,542	3,756,930	
(Total) M. Ton (M. Tonnes)		10,501	72,273	5,487	45,463	51,899	—	—	8,351	193,974	2,240	8,460	11,685	10,921	33,306		227,280

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1980
(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.20

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	6,084	3,036	1,667	1,341	40	—
	No. of trips	1,610,771	854,335	432,812	318,007	5,617	—
	No. of days	1,705,817	857,663	474,154	365,135	8,865	—
	No. of hauls	4,436,032	2,235,567	1,221,343	962,005	17,117	—
	No. of trawling hours	13,221,220	6,689,291	3,664,029	2,816,549	51,351	—
	Species	(Piculs)					
24	Kebasi/Selangat	9,530	172	3,155	6,124	79	—
	Puput/B. Mata/Tirok	8,813	1,310	2,155	5,020	328	—
	Terubok	13	—	—	4	9	—
25	Slakap	1,225	456	405	364	—	—
31	Lidah	43,603	7,393	18,543	15,991	1,676	—
	Sebelah	3,749	411	1,053	2,245	40	—
33	Bayan	98	31	58	4	5	—
	Biji Nangka	20,676	1,801	4,600	13,806	469	—
	Daun Baharu	1,911	333	463	1,070	45	—
	Delah	602	80	112	408	2	—
	Duri/Pulutan/Utik	18,650	3,120	6,243	8,857	430	—
	Dengkis/Debam	3,706	84	570	2,607	445	—
	Gelama/Tengkerong	83,823	6,180	16,603	59,846	1,194	—
	Gerut-Gerut	10,595	764	1,474	7,723	634	—
	Jenahak	3,456	97	224	2,969	166	—
	Kaci	2,017	9	194	1,712	102	—
	Kerapu	15,585	1,078	3,539	10,616	352	—
	Kerisi	126,554	2,603	31,315	86,370	6,266	—
	Kerisi Bali	1,196	—	322	874	—	—
	Kikek	8,807	597	2,436	5,575	199	—
	Malong	23,029	4,103	8,132	10,269	525	—
	Marsh	15,425	445	1,841	11,780	1,359	—
	Mengkerong/Conor/Ubi	24,081	545	5,404	17,402	730	—
	Remong/Kunyit Kunyit	4,985	154	581	4,018	232	—
	Semilang	3,873	4	357	3,505	7	—
	Shrumbu/Lamah	2	—	—	2	—	—
	Puntong Damar/Bulus	5,664	911	1,299	3,282	172	—
	Pasir-Pasir	6,648	148	701	4,688	1,111	—
34	Alu-Alu/Kacang Kacang	21,677	341	2,369	18,323	644	—
	Aruan Tasik	2,035	56	124	1,545	310	—
	Bawal	24,660	2,555	3,613	18,048	444	—
	Belanak/Kedera	5,716	58	1,130	4,484	44	—
	Cermin/Segai/Cupek	7,346	553	1,074	5,153	566	—
	Cencaru	20,997	2,393	2,125	15,996	483	—
	Demudok/Rambai	10,787	148	973	9,640	26	—
	Kurau/Senangin/Senohong	4,525	763	1,155	2,539	68	—
	Pelata/Selar	16,821	176	613	14,984	1,048	—
	Selar Kuning/Lolong	46,312	449	4,795	35,904	5,164	—
	Selayang/Curut	5,802	—	373	5,428	1	—
	Pisang Pisang	1,072	40	128	714	190	—
	Talang	928	4	10	914	—	—
35	Bilis	2,997	2,204	382	391	20	—
	Parang-Parang	21,979	3,020	3,370	15,157	432	—
	Tamban	16,685	964	770	14,947	4	—
	Bulan-Bulan	486	55	14	417	—	—
36	Aya/Kayu/Tangkol	24	—	—	24	—	—
	Layaran/Mersuji	1,152	—	109	1,043	—	—
37	Kembong/Temenong	111,242	928	2,605	105,664	2,045	—
	Tenggiri	14,117	547	872	12,118	580	—
	Timah/Layor/Selayor	44,264	1,125	6,743	36,088	308	—
38	Pari	30,719	4,958	9,372	15,512	877	—
	Yu	19,963	2,764	5,189	11,212	798	—
39	Ikan Baja	2,138,319	285,587	469,581	1,360,963	22,188	—
	Ikan Campur	42,233	9,630	10,855	21,409	339	—
	Jebong	4,264	30	1,112	3,037	85	—
42	Ketam	31,352	7,301	8,428	15,218	405	—
	Udang Karang/Lobok	847	50	132	636	29	—
45	Udang Besar	39,839	11,924	13,488	13,988	439	—
	Udang Sedang	168,358	73,203	59,514	34,880	761	—
	Udang Kecil	278,034	111,470	102,648	62,195	1,721	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Sliput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	7,313	242	2,645	4,426	—	—
	Sotong Katak	48,992	5,347	10,268	31,202	2,175	—
	Sotong Biasa	114,571	6,292	13,516	90,281	4,482	—
76	Ubur-Ubur	2,186	27	2,159	—	—	—
Total:—		3,756,930	568,033	854,033	2,271,611	63,253	—

PANTAI BARAT, SEMENANJUNG MALAYSIA (WEST COAST, PENINSULAR MALAYSIA)
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.21

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	5,265	2,765	1,384	1,105	11	—
	No. of trips	1,418,154	788,124	362,420	267,214	396	—
	No. of days	1,501,020	791,324	399,930	307,390	2,376	—
	No. of hauls	3,871,872	2,041,136	1,016,266	813,126	1,144	—
	No. of trawling hours	11,545,550	6,123,408	3,048,798	2,369,912	3,432	—
	Species	(Pikuls)					
24	Kebasi/Selangat	8,085	156	2,691	5,238	—	—
	Puput/B. Mata/Tirok	7,951	1,304	1,765	4,618	264	—
	Terubok	4	—	—	4	—	—
25	Siakap	1,223	456	404	363	—	—
31	Lidah	42,559	7,087	17,981	15,838	1,653	—
	Sebelah	2,545	149	579	1,816	1	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	9,782	98	667	8,893	124	—
	Daun Baharu	700	134	112	454	—	—
	Delah	139	—	14	125	—	—
	Duri/Pulutan/Utik	13,033	2,409	4,061	6,515	48	—
	Dengkis/Debern	252	—	—	252	—	—
	Gelama/Tengkerong	72,625	4,833	13,270	54,042	480	—
	Gerut-Gerut	9,460	448	1,300	7,120	592	—
	Jenahak	3,343	61	172	2,948	162	—
	Kaci	1,354	—	74	1,280	—	—
	Kerapu	13,781	814	2,881	9,817	269	—
	Kerisi	86,286	115	23,869	60,553	1,749	—
	Kerisi Bali	1,196	—	322	874	—	—
	Kikak	4,051	—	377	3,673	1	—
	Malong	22,970	4,064	8,118	10,263	525	—
	Merah	13,005	306	1,529	10,019	1,151	—
	Mengkerong/Conor/Ubi	21,881	145	4,699	16,408	629	—
	Remong/Kunyit Kunyit	2,680	—	78	2,602	—	—
	Semilang	3,862	4	356	3,502	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Demar/Bulus	1,621	68	439	1,114	—	—
	Pasir-Pasir	—	—	—	—	—	—
34	Alu-Alu/Kacang Kacang	19,767	107	1,748	17,414	498	—
	Aruan Tasik	1,693	—	12	1,401	280	—
	Bawal	23,405	2,366	3,315	17,298	426	—
	Belanak/Kedera	5,716	58	1,130	4,484	44	—
	Cermin/Segai/Cupak	3,444	71	92	2,899	382	—
	Cencaru	20,592	2,350	2,004	15,757	481	—
	Demudok/Rambai	9,829	—	768	9,061	—	—
	Kurau/Senangin/Senohong	4,396	763	1,125	2,441	67	—
	Pelata/Selar	15,157	100	351	13,763	943	—
	Selar Kuning/Lolong	14,594	77	544	13,739	234	—
	Selayang/Curut	5,785	—	373	5,412	—	—
	Pisang Pisang	391	—	—	235	156	—
	Talang	862	4	5	853	—	—
35	Bilis	2,934	2,204	362	368	—	—
	Parang-Parang	20,674	2,521	3,059	14,683	411	—
	Tamban	16,634	964	765	14,905	—	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkol	24	—	—	24	—	—
	Layaran/Mersuji	1,151	—	108	1,043	—	—
37	Kembong/Temenong	110,471	928	2,602	105,016	1,925	—
	Tenggiri	13,437	506	771	11,636	524	—
	Timah/Layor/Selayor	41,834	188	6,275	35,134	237	—
38	Pari	24,348	4,183	8,008	11,782	375	—
	Yu	16,776	2,383	4,514	9,352	527	—
39	Ikan Baja	1,844,938	218,786	395,547	1,216,619	13,986	—
	Ikan Campur	27,914	5,450	7,066	15,398	—	—
	Jebong	3,799	—	1,009	2,790	—	—
42	Ketam	24,604	5,970	6,674	11,880	80	—
45	Udang Karang/Lobok	34	—	10	24	—	—
	Udang Besar	31,985	10,120	10,874	10,966	25	—
	Udang Sedang	153,189	68,576	55,070	29,050	493	—
	Udang Kecil	257,482	107,821	96,478	53,097	86	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	7,304	242	2,637	4,425	—	—
	Sotong Katak	40,706	3,581	8,286	27,470	1,369	—
	Sotong Biasa	93,945	3,795	9,627	78,442	2,081	—
76	Ubur-Ubur	2,186	27	2,159	—	—	—
Total: —		3,206,388	466,792	718,136	1,987,192	33,278	—

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

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.22

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	819	271	283	236	29	—
	No. of trips	192,617	66,211	70,392	50,793	5,221	—
	No. of days	204,797	66,339	74,224	57,745	6,489	—
	No. of hauls	564,360	194,431	206,077	148,879	15,973	—
	No. of trawling hours	1,675,670	565,883	615,231	446,637	47,919	—
	Species	(Pleus)					
24	Kebasi/Selangot	1,445	16	464	886	79	—
	Puput/B. Mata/Tirok	862	6	390	402	64	—
	Terubok	9	—	—	—	9	—
25	Siakap	2	—	1	1	—	—
31	Lidah	1,044	306	562	153	23	—
	Sebelah	1,204	262	474	429	39	—
33	Bayan	98	31	58	4	5	—
	Biji Nangka	10,894	1,703	3,933	4,913	345	—
	Daun Baharu	1,211	199	351	616	45	—
	Delah	463	80	98	283	2	—
	Duri/Pulutan/Utik	5,617	711	2,182	2,342	382	—
	Dengkis/Dabam	3,454	84	570	2,355	445	—
	Gelama/Tengkerong	11,198	1,347	3,333	5,804	714	—
	Gerut-Gerut	1,135	316	174	603	42	—
	Jenahak	113	36	52	21	4	—
	Kaci	663	9	120	432	102	—
	Kerapu	1,804	264	658	799	83	—
	Kerisi	40,268	2,488	7,446	25,817	4,517	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	4,756	597	2,059	1,902	198	—
	Malong	59	39	14	6	—	—
	Merah	2,420	139	312	1,761	208	—
	Mengkerong/Conor/Ubi	2,200	400	705	994	101	—
	Remong/Kunyit Kunyit	2,305	154	503	1,416	232	—
	Semilang	11	—	1	3	7	—
	Shrumbu/Lamah	2	—	—	2	—	—
	Puntong Damar/Bulus	4,043	843	860	2,168	172	—
	Pasir-Pasir	6,648	148	701	4,688	1,111	—
34	Alu-Alu/Kacang Kacang	1,910	234	621	909	146	—
	Aruan Tasik	342	56	112	144	30	—
	Bawal	1,255	189	298	750	18	—
	Belanak/Kedera	—	—	—	—	—	—
	Carmin/Segai/Cupak	3,902	482	982	2,254	184	—
	Cencaru	405	43	121	239	2	—
	Demudok/Rambai	958	148	205	579	26	—
	Kurau/Senangin/Senohong	129	—	30	98	1	—
	Pelata/Selar	1,664	76	262	1,221	105	—
	Selar Kuning/Lolong	31,718	372	4,251	22,165	4,930	—
	Selayang/Curut	17	—	—	16	1	—
	Pisang Pisang	681	40	128	479	34	—
	Talang	66	—	5	61	—	—
35	Bilis	63	—	20	23	20	—
	Parang-Parang	1,305	499	311	474	21	—
	Tamban	51	—	5	42	4	—
	Bulan-Bulan	486	55	14	417	—	—
36	Aya/Kayu/Tangkal	—	—	—	—	—	—
	Layaran/Meruji	1	—	1	—	—	—
37	Kembong/Temenong	771	—	3	648	120	—
	Tenggiri	680	41	101	482	56	—
	Timah/Layor/Selayor	2,430	937	468	954	71	—
38	Pari	6,371	775	1,364	3,730	502	—
	Yu	3,187	381	675	1,860	271	—
39	Ikan Baja	293,381	66,801	74,034	144,344	8,202	—
	Ikan Campur	14,319	4,180	3,789	6,011	339	—
	Jebong	465	30	103	247	85	—
42	Ketam	6,748	1,331	1,754	3,338	325	—
45	Udang Karang/Lobok	813	50	122	612	29	—
	Udang Besar	7,854	1,804	2,614	3,022	414	—
	Udang Sedang	15,169	4,627	4,444	5,830	268	—
	Udang Kecil	20,552	3,649	6,170	9,098	1,635	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	9	—	8	1	—	—
	Sotong Katak	8,286	1,766	1,982	3,732	806	—
	Sotong Biasa	20,626	2,497	3,889	11,839	2,401	—
76	Ubur-Ubur	—	—	—	—	—	—
Total:—		550,542	101,241	134,907	284,419	29,975	—

PERLIS

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(a)

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	206	109	81	16	—	—
	No. of trips	45,756	26,160	16,524	3,072	—	—
	No. of days	42,456	26,160	13,608	2,688	—	—
	No. of hauls	148,320	78,480	58,320	11,520	—	—
	No. of trawling hours	444,960	235,440	174,960	34,560	—	—
	Species	(Piculs)					
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	2,779	499	763	1,517	—	—
	Sebelah	173	—	—	173	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	2,593	66	380	2,147	—	—
	Gerut-Gerut	232	—	—	232	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	494	—	—	494	—	—
	Kerisi	914	—	—	914	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	352	—	—	352	—	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi	—	—	—	—	—	—
	Remong/Kunyit Kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Demar/Bulus	223	48	66	109	—	—
	Pasir-Pasir	—	—	—	—	—	—
34	Alu-Alu/Kacang Kacang	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	215	—	24	191	—	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—
	Cencaru	—	—	—	—	—	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Peleta/Selar	—	—	—	—	—	—
	Selar Kuning/Lolong	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang Pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Billis	—	—	—	—	—	—
	Parang-Parang	3,016	354	992	1,670	—	—
	Tamban	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layor/Selayor	960	51	253	656	—	—
38	Pari	675	—	—	675	—	—
	Yu	—	—	—	—	—	—
39	Ikan Baja	117,170	45,170	43,678	28,322	—	—
	Ikan Campur	1,365	456	610	299	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	1,931	332	735	864	—	—
45	Udang Karang/Lobok	—	—	—	—	—	—
	Udang Besar	4,841	1,005	1,663	2,173	—	—
	Udang Sedang	10,660	2,869	3,567	4,234	—	—
	Udang Kecil	18,641	4,923	4,160	9,558	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
67	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	4,222	1,091	1,473	1,658	—	—
	Sotong Blesa	2,127	372	813	942	—	—
76	Ubur-Ubur	—	—	—	—	—	—
Total:—		173,583	57,226	59,177	57,180	—	—

KEDAH

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(b)

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	819	320	193	306	—	—
	No. of trips	224,364	86,400	54,426	83,538	—	—
	No. of days	232,940	89,600	56,742	86,598	—	—
	No. of hauls	684,781	269,200	165,787	259,794	—	—
	No. of trawling hours	2,054,334	777,600	497,361	779,373	—	—
	Species	(Ploals)					
24	Kebasi/Selanget	3,542	—	371	3,171	—	—
	Puput/B. Mata/Tirok	976	—	—	976	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	10	—	—	10	—	—
31	Lidah	16,163	588	9,236	6,339	—	—
	Sebelah	1,087	121	304	662	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	84	—	—	84	—	—
	Daun Baharu	211	—	—	211	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	3,232	—	453	2,779	—	—
	Dengkis/Debam	252	—	—	252	—	—
	Gelama/Tengkerong	24,824	308	5,435	18,881	—	—
	Gerut-Gerut	1,133	—	234	899	—	—
	Jenshak	1,018	—	5	1,013	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	4,441	319	1,655	2,467	—	—
	Kerisi	36,631	103	19,241	17,287	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	442	—	—	442	—	—
	Malong	6,822	360	2,838	3,624	—	—
	Merah	653	—	1	652	—	—
	Mengkerong/Conor/Ubi	7,677	9	3,277	4,391	—	—
	Remong/Kunyit Kunyit	—	—	—	—	—	—
	Semilang	3,146	—	284	2,862	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damar/Bulus	548	—	101	447	—	—
	Pasir-Pasir	—	—	—	—	—	—
34	Alu-Alu/Kacang Kacang	10,545	—	24	10,521	—	—
	Aruan Tasik	481	—	—	481	—	—
	Bawal	7,941	—	60	7,881	—	—
	Belanak/Kedera	3,297	—	111	3,186	—	—
	Cermin/Sagal/Cupak	—	—	—	—	—	—
	Cencaru	3,415	—	—	3,415	—	—
	Demudok/Rambai	1,814	—	17	1,797	—	—
	Kurau/Senangin/Senohong	360	—	—	360	—	—
	Pelata/Selar	4,684	—	8	4,676	—	—
	Selar Kuning/Lolong	2,750	—	108	2,642	—	—
	Selayang/Curut	175	—	—	175	—	—
	Pisang Pisang	—	—	—	—	—	—
	Talang	761	—	—	761	—	—
35	Billis	361	—	—	361	—	—
	Parang-Parang	4,794	—	—	4,794	—	—
	Tamban	13,659	—	33	13,626	—	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkai	23	—	—	23	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Tamenong	72,211	—	118	72,093	—	—
	Tenggiri	6,090	—	—	6,090	—	—
	Timah/Layar/Selayor	10,773	—	463	10,310	—	—
38	Pari	4,297	85	2,092	2,120	—	—
	Yu	2,481	4	796	1,681	—	—
39	Ikan Baja	769,239	32,303	163,094	573,842	—	—
	Ikan Campur	6,695	655	709	5,331	—	—
	Jebong	5	—	—	5	—	—
42	Ketam	6,800	773	1,686	4,341	—	—
45	Udang Karang/Lobok	—	—	—	—	—	—
	Udang Besar	8,457	472	3,759	4,226	—	—
	Udang Sedang	21,216	4,696	5,463	11,057	—	—
	Udang Kecil	53,299	7,374	25,030	20,895	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	7,127	242	2,637	4,248	—	—
	Sotong Katak	13,638	1,081	3,147	9,410	—	—
	Sotong Blass	44,585	236	1,640	42,709	—	—
76	Ubur-Ubur	—	—	—	—	—	—
Total:—		1,194,665	49,729	254,430	890,506	—	—

PULAU PINANG

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(c)

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	147	—	—	147	—	—
	No. of trips	46,305	—	—	46,305	—	—
	No. of days	46,305	—	—	46,305	—	—
	No. of hauls	138,915	—	—	138,915	—	—
	No. of trawling hours	347,288	—	—	347,288	—	—
	Species	(Piculs)					
24	Kebasi/Selangat	85	—	—	85	—	—
	Puput/B. Meta/Tirok	18	—	—	18	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	1,186	—	—	1,186	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	395	—	—	395	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	566	—	—	566	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	7,409	—	—	7,409	—	—
	Gerut-Gerut	204	—	—	204	—	—
	Jenahak	93	—	—	93	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	256	—	—	256	—	—
	Kerisi	1,580	—	—	1,580	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	141	—	—	141	—	—
	Malong	688	—	—	688	—	—
	Merah	9	—	—	9	—	—
	Mengkerong/Conor/Ubi	1,507	—	—	1,507	—	—
	Ramong/Kunyit Kunyit	—	—	—	—	—	—
	Semilang	35	—	—	35	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—
34	Alu-Alu/Kacang Kacang	129	—	—	129	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	838	—	—	838	—	—
	Balanak/Kadera	484	—	—	484	—	—
	Cermin/Segal/Cupak	25	—	—	25	—	—
	Cencaru	31	—	—	31	—	—
	Demudok/Rambai	9	—	—	9	—	—
	Kursu/Senangin/Senohong	2	—	—	2	—	—
	Pelata/Selar	66	—	—	66	—	—
	Selar Kuning/Lolong	—	—	—	—	—	—
	Selayang/Curut	1	—	—	1	—	—
	Pisang Pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-Parang	399	—	—	399	—	—
	Tamban	256	—	—	256	—	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkai	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	580	—	—	580	—	—
	Tenggiri	179	—	—	179	—	—
	Timah/Layar/Selayor	2,689	—	—	2,689	—	—
38	Peri	302	—	—	302	—	—
	Yu	344	—	—	344	—	—
39	Ikan Baja	45,818	—	—	45,818	—	—
	Ikan Campur	1,678	—	—	1,678	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	2,427	—	—	2,427	—	—
45	Udang Kerang/Lobok	—	—	—	—	—	—
	Udang Besar	624	—	—	624	—	—
	Udang Sedang	3,243	—	—	3,243	—	—
	Udang Kecil	11,042	—	—	11,042	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	176	—	—	176	—	—
	Sotong Katak	2,935	—	—	2,935	—	—
	Sotong Biasa	2,256	—	—	2,256	—	—
76	Ubur-Ubur	—	—	—	—	—	—
Total:—		90,705	—	—	90,705	—	—

PERAK
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(d)

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	2,239	1,424	515	300	—	—
	No. of trips	634,565	448,560	127,205	58,800	—	—
	No. of days	710,175	448,560	165,315	96,300	—	—
	No. of hauls	1,679,415	1,121,400	381,615	176,400	—	—
	No. of trawling hours	5,038,245	3,364,200	1,144,845	529,200	—	—
	Species	(Piculs)					
24	Kebasi/Selangat	4,175	36	2,173	1,966	—	—
	Puput/B. Mata/Tirok	1,781	—	491	1,290	—	—
	Terubok	4	—	—	4	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	1,097	63	638	396	—	—
	Sebelah	647	—	142	505	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	8,691	—	471	8,220	—	—
	Daun Baharu	255	—	12	243	—	—
	Delah	139	—	14	125	—	—
	Duri/Pulutan/Utik	1,793	1	194	1,598	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	18,250	126	2,298	15,826	—	—
	Gerut-Gerut	3,017	—	363	2,654	—	—
	Jenahak	1,003	—	74	929	—	—
	Kaci	1,354	—	74	1,280	—	—
	Kerapu	5,128	—	715	4,413	—	—
	Kerisi	41,476	8	4,583	36,885	—	—
	Kerisi Bali	1,196	—	322	874	—	—
	Kikek	3,370	—	377	2,993	—	—
	Malong	1,259	51	367	841	—	—
	Merah	7,402	—	975	6,427	—	—
	Mengkerong/Conor/Ubi	8,648	56	1,207	7,385	—	—
	Remong/Kunyit Kunyit	2,680	—	78	2,602	—	—
	Semilang	668	—	72	596	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damar/Bulus	850	20	272	558	—	—
	Pasir-Pasir	—	—	—	—	—	—
34	Alu-Alu/Kacang Kacang	6,628	—	1,664	4,964	—	—
	Aruan Tasik	294	—	12	282	—	—
	Bawal	2,430	86	495	1,849	—	—
	Belanak/Kedera	1,072	—	824	248	—	—
	Cermin/Segal/Cupak	108	—	2	106	—	—
	Cencaru	5,172	—	158	5,014	—	—
	Demudok/Rambai	8,006	—	751	7,255	—	—
	Kurau/Senangin/Senohong	133	9	11	113	—	—
	Pelata/Selar	2,876	—	156	2,720	—	—
	Selar Kuning/Lolong	10,435	—	350	10,085	—	—
	Selayang/Curut	5,609	—	373	5,236	—	—
	Pisang Pisang	3,110	—	288	2,822	—	—
	Talang	85	—	—	85	—	—
35	Billis	—	—	—	—	—	—
	Parang-Parang	—	—	—	—	—	—
	Tamban	915	—	43	872	—	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkal	—	—	—	—	—	—
	Layaran/Mersuji	1,151	—	108	1,043	—	—
37	Kembong/Temenong	21,276	81	1,824	19,371	—	—
	Tenggiri	1,921	—	244	1,677	—	—
	Timah/Layor/Selayor	25,757	—	5,407	20,350	—	—
38	Pari	5,744	219	926	4,599	—	—
	Yu	2,467	—	228	2,239	—	—
39	Ikan Baja	369,576	38,914	65,744	264,918	—	—
	Ikan Campur	6,709	1,055	1,206	4,448	—	—
	Jebong	3,785	—	1,006	2,779	—	—
42	Ketam	3,129	1,674	811	644	—	—
45	Udang Karang/Lobok	33	—	10	23	—	—
	Udang Besar	2,488	1,179	778	531	—	—
	Udang Sedang	45,674	32,308	12,834	532	—	—
	Udang Kecil	70,757	48,156	22,094	507	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kerata	1	—	—	1	—	—
	Sotong Katak	7,122	38	1,247	5,837	—	—
	Sotong Biasa	22,160	348	2,846	18,966	—	—
76	Ubur-Ubur	—	—	—	—	—	—
Total: —		751,506	124,428	138,352	488,726	—	—

SELANGOR

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(e)

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
ISSCAAP GROUP NO.	No. of fishing units	1,509	692	481	325	11	—
	No. of trips	341,580	146,704	122,655	71,825	396	—
	No. of days	343,560	146,704	122,655	71,825	2,376	—
	No. of hauls	843,489	341,156	285,714	215,475	1,144	—
	No. of trawling hours	2,530,467	1,023,468	857,142	646,425	3,432	—
24	Species	(Piculs)					
	Kebasi/Selangat	15	10	5	—	—	—
25	Puput/B. Mata/Tirok	2,604	21	22	2,297	264	—
	Terubok	—	—	—	—	—	—
31	Siakap	1,212	455	404	353	—	—
	Lidah	20,893	5,727	7,116	6,397	1,653	—
33	Sebelah	634	28	129	476	1	—
	Bayan	—	—	—	—	—	—
	Biji Nangka	445	63	66	192	124	—
	Daun Baharu	84	38	46	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	6,586	2,035	2,940	1,563	48	—
	Dangkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	14,803	1,568	3,064	9,691	480	—
	Gerut-Gerut	4,834	422	689	3,131	592	—
	Jenahak	1,102	—	28	912	162	—
	Kaci	—	—	—	—	—	—
	Kerapu	3,446	492	498	2,187	269	—
	Kerisi	5,684	4	44	3,887	1,749	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	98	—	—	97	1	—
	Melong	9,636	1,397	2,989	4,725	525	—
	Merah	4,922	304	538	2,929	1,151	—
	Mengkerong/Conor/Ubi	3,775	—	33	3,113	629	—
	Remong/Kunyit Kunyit	—	—	—	—	—	—
	Semilang	13	4	—	9	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damer/Bulus	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—
	Alu-Alu/Kacang Kacang	2,304	—	8	1,798	498	—
	Aruan Tasik	918	—	—	638	280	—
	Bawal	9,329	1,010	1,381	6,512	426	—
	Belanak/Kadera	862	58	194	566	44	—
	Cermin/Sagai/Cupek	3,158	—	16	2,760	382	—
	Cencaru	11,025	1,857	1,392	7,295	481	—
	Demudok/Rambel	—	—	—	—	—	—
	Kurau/Senangin/Senohong	2,603	211	370	1,955	67	—
	Palata/Selar	7,299	6	51	6,299	943	—
	Selar Kuning/Lolong	1,250	5	6	1,005	234	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang Pisang	391	—	—	235	156	—
	Talang	6	—	—	6	—	—
	Billis	1,615	1,615	—	—	—	—
	Parang-Parang	7,825	1,481	964	4,969	411	—
	Tamban	99	—	—	99	—	—
	Bulan-Bulan	—	—	—	—	—	—
	Aya/Kayu/Tangkol	—	—	—	—	—	—
	Layaran/Mersuji	1	—	—	1	—	—
	Kembong/Temenong	16,402	847	659	12,971	1,925	—
	Tenggiri	4,427	74	144	3,685	524	—
	Timah/Layor/Selayor	1,440	40	39	1,124	237	—
	Pari	9,960	2,377	3,158	4,050	375	—
	Yu	10,841	2,236	3,357	4,721	527	—
	Ikan Baja	476,191	64,300	95,153	302,752	13,986	—
	Ikan Campur	6,904	1,037	2,249	3,618	—	—
	Jebong	6	—	—	6	—	—
	Ketam	10,299	3,178	3,437	3,604	80	—
	Udang Karang/Lobok	1	—	—	1	—	—
	Udang Besar	14,662	6,978	4,271	3,388	25	—
	Udang Sedang	70,270	27,553	32,251	9,973	493	—
	Udang Kecil	71,806	29,304	31,706	10,710	86	—
	Udang Baring	—	—	—	—	—	—
	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	11,643	816	1,840	7,618	1,369	—
	Sotong Biasa	21,378	2,127	3,634	13,536	2,081	—
	Ubur-Ubur	2,186	27	2,159	—	—	—
Total: —		857,887	159,705	207,050	457,854	33,278	—

JOHOR BARAT (WEST JOHORE)
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1980
(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(f)

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	345	220	114	11	—	—
	No. of trips	125,584	80,300	41,610	3,674	—	—
	No. of days	125,584	80,300	41,610	3,674	—	—
	No. of hauls	376,752	240,900	124,830	11,022	—	—
	No. of trawling hours	1,130,256	722,700	374,490	33,066	—	—
	Species	(Piculs)					
24	Kebasi/Selangat	268	110	142	16	—	—
	Puput/B. Mata/Tirok	2,572	1,283	1,252	37	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	1	1	—	—	—	—
31	Lidah	441	210	228	3	—	—
	Sebelah	4	—	4	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	167	35	130	2	—	—
	Daun Baharu	150	96	54	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	856	373	474	9	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	4,946	2,765	2,093	88	—	—
	Gerut-Gerut	40	26	14	—	—	—
	Jenahak	127	61	65	1	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	16	3	13	—	—	—
	Kerisi	1	—	1	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	4,213	2,256	1,924	33	—	—
	Merah	19	2	15	2	—	—
	Mengkerong/Conor/Ubi	274	80	182	12	—	—
	Remong/Kunyit Kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-Pasir	—	—	—	—	—	—
34	Alu-Alu/Kecang Kacang	161	107	52	2	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	2,652	1,270	1,355	27	—	—
	Belanak/Kedera	1	—	1	—	—	—
	Cahmin/Bagai/Cupak	153	71	74	8	—	—
	Cericaru	949	493	454	2	—	—
	Demudok/Flambe	—	—	—	—	—	—
	Kurau/Senangin/Senohong	1,298	543	744	11	—	—
	Pelata/Selar	232	94	136	2	—	—
	Selar Kuning/Lolong	159	72	80	7	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang Pisang	—	—	—	—	—	—
	Talang	10	4	5	1	—	—
35	Bilis	958	589	362	7	—	—
	Parang-Parang	1,530	686	815	29	—	—
	Tamban	1,705	964	689	52	—	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	2	—	1	1	—	—
	Tenggiri	820	432	383	5	—	—
	Timah/Layor/Selayor	215	97	113	5	—	—
38	Pari	3,370	1,502	1,832	36	—	—
	Yu	643	143	133	367	—	—
39	Ikan Baja	66,944	38,099	27,878	967	—	—
	Ikan Campur	4,563	2,247	2,292	24	—	—
	Jebong	3	—	3	—	—	—
42	Ketam	18	13	5	—	—	—
45	Udang Karang/Lobok	—	—	—	—	—	—
	Udang Besar	913	486	403	24	—	—
	Udang Sedang	2,126	1,160	955	11	—	—
	Udang Kecil	31,937	18,064	13,488	385	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	1,146	555	579	12	—	—
	Sotong Biasa	1,439	712	694	33	—	—
76	Ubur-Ubur	—	—	—	—	—	—
Total:—		138,042	75,704	60,117	2,221	—	—

KELANTAN

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(g)

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	67	21	26	20	—	—
	No. of trips	13,801	3,927	4,914	4,960	—	—
	No. of days	13,801	3,927	4,914	4,960	—	—
	No. of hauls	41,403	11,781	14,742	14,880	—	—
	No. of trawling hours	118,319	29,453	44,226	44,640	—	—
	Species	(Piculs)					
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Stekap	—	—	—	—	—	—
31	Lidah	—	—	—	—	—	—
	Sebelah	115	12	26	77	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	2,990	616	692	1,682	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	426	135	131	160	—	—
	Dengkis/Debam	132	24	38	70	—	—
	Gelama/Tengkerong	1,151	339	383	429	—	—
	Gerut-Gerut	279	236	31	12	—	—
	Jenahak	22	—	2	20	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	215	17	31	167	—	—
	Kerisi	1,484	592	380	512	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	1,341	251	355	735	—	—
	Malong	34	32	2	—	—	—
	Merah	140	1	16	123	—	—
	Mengkerong/Conor/Ubi	—	—	—	—	—	—
	Remong/Kunyit Kunyit	450	113	145	192	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damar/Bulus	215	117	31	67	—	—
	Pasir-Pasir	—	—	—	—	—	—
34	Alu-Alu/Kacang Kacang	380	97	130	153	—	—
	Aruan Tasik	29	—	12	17	—	—
	Bawal	643	172	233	238	—	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	715	75	145	495	—	—
	Cencaru	49	3	16	30	—	—
	Demudok/Rambai	727	107	137	483	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	460	64	161	235	—	—
	Selar Kuning/Lolong	1,025	157	203	665	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang Pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Perang-Perang	901	474	254	173	—	—
	Tamban	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkai	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	242	39	61	142	—	—
	Timah/Layor/Selayor	1,139	778	105	256	—	—
38	Pari	768	226	189	353	—	—
	Yu	492	111	101	280	—	—
39	Ikan Baja	8,553	4,177	2,143	2,233	—	—
	Ikan Campur	3,574	1,183	1,149	1,242	—	—
	Jebong	69	12	18	39	—	—
42	Ketam	961	366	303	292	—	—
45	Udang Kerang/Lobok	—	—	—	—	—	—
	Udang Besar	683	418	140	125	—	—
	Udang Sedang	2,239	1,714	363	162	—	—
	Udang Kecil	707	256	248	203	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kerata	—	—	—	—	—	—
	Sotong Katak	1,213	627	300	286	—	—
	Sotong Biasa	2,465	1,096	707	662	—	—
76	Ubur-Ubur	—	—	—	—	—	—
Total: —		37,028	14,637	9,381	13,010	—	—

TRENGGANU

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(h)

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	199	64	107	25	3	—
	No. of trips	49,547	17,344	28,248	3,700	255	—
	No. of days	50,886	17,472	29,104	4,025	285	—
	No. of hauls	165,985	69,376	84,744	11,100	765	—
	No. of trawling hours	497,955	208,128	254,232	33,300	2,295	—
	Species	(Piculs)					
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	24	—	24	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	854	282	528	44	—	—
	Sebelah	716	211	379	126	—	—
33	Bayan	90	31	58	1	—	—
	Biji Nangka	5,236	901	2,413	1,738	184	—
	Daun Baharu	776	186	239	351	—	—
	Delah	461	80	98	283	—	—
	Duri/Pulutan/Utik	1,373	553	490	287	43	—
	Dengkis/Debam	336	60	128	135	13	—
	Gelama/Tengkerong	1,607	534	756	296	21	—
	Gerut-Gerut	817	80	139	575	23	—
	Jenahak	85	36	49	—	—	—
	Kaci	21	—	16	5	—	—
	Kerapu	1,190	223	556	384	27	—
	Kerisi	16,131	1,480	3,881	9,290	1,480	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	1,615	292	1,145	168	10	—
	Malong	18	7	11	—	—	—
	Merah	1,027	91	142	794	—	—
	Mengkerong/Conor/Ubl	1,049	388	558	103	—	—
	Remong/Kunyit Kunyit	277	6	95	166	10	—
	Semilang	2	—	—	2	—	—
	Shrumbu/Lamah	2	—	—	2	—	—
	Puntong Damar/Bulus	1,064	282	392	340	50	—
	Pasir-Pasir	49	42	1	6	—	—
34	Alu-Alu/Kecang Kacang	628	123	365	140	—	—
	Aruan Tasik	164	56	98	10	—	—
	Bawal	—	—	—	—	—	—
	Belanak/Kedera	—	—	—	—	—	—
	Carmin/Sagal/Cupak	1,843	320	670	819	34	—
	Cencaru	7	—	7	—	—	—
	Demudok/Rambai	118	41	56	21	—	—
	Kursu/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	342	—	—	342	—	—
	Selar Kuning/Lolong	486	56	254	176	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang Pisang	215	36	98	81	—	—
	Talang	—	—	—	—	—	—
35	Bilis	17	—	17	—	—	—
	Parang-Parang	78	14	32	32	—	—
	Tamban	—	—	—	—	—	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkai	—	—	—	—	—	—
	Layaran/Meruji	1	—	1	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layor/Selayor	609	152	237	192	28	—
38	Pari	1,056	191	462	336	67	—
	Yu	748	147	209	329	63	—
39	Ikan Baja	79,934	31,069	36,388	12,269	208	—
	Ikan Campur	4,733	1,529	1,979	1,093	132	—
	Jebong	35	17	17	1	—	—
42	Ketam	252	112	95	45	—	—
45	Udang Karang/Lobok	51	—	27	24	—	—
	Udang Besar	1,162	361	570	210	21	—
	Udang Sedang	2,171	694	1,282	165	30	—
	Udang Kecil	4,566	1,566	2,339	590	71	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	2,397	476	722	1,034	165	—
	Sotong Biasa	3,407	573	854	1,745	235	—
76	Ubur-Ubur	—	—	—	—	—	—
Total:—		139,840	43,298	58,877	34,750	2,915	—

PAHANG

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1980

(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(i)

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	273	162	57	50	4	—
	No. of trips	63,346	37,260	13,794	12,100	192	—
	No. of days	63,858	37,260	13,794	12,100	704	—
	No. of hauls	158,829	90,234	35,283	32,800	512	—
	No. of trawling hours	476,487	270,702	105,849	98,400	1,536	—
	Species	(Piculs)					
24	Kebasi/Selangat	509	—	32	436	41	—
	Puput/B. Mata/Tirok	234	—	210	24	—	—
	Terubok	9	—	—	—	9	—
25	Siakap	—	—	—	—	—	—
31	Lidah	144	19	22	85	18	—
	Sebelah	140	35	16	82	7	—
33	Bayan	8	—	—	3	5	—
	Biji Nangka	980	186	259	480	55	—
	Dau Baharu	53	12	1	40	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	2,447	10	1,228	988	221	—
	Dengkis/Debam	614	—	106	469	39	—
	Gelama/Tengkerong	2,890	409	535	1,750	196	—
	Gerut-Gerut	17	—	—	2	15	—
	Jenahak	4	—	—	—	4	—
	Kaci	97	9	35	34	19	—
	Kerapu	295	24	59	169	43	—
	Kerisi	4,916	397	722	3,463	334	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	174	41	67	40	26	—
	Malong	7	—	1	6	—	—
	Merah	267	47	56	143	21	—
	Mengkerong/Conor/Ubi	980	11	81	802	86	—
	Remong/Kunyit Kunyit	409	35	63	264	47	—
	Semilang	7	—	—	—	7	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damar/Bulus	1,927	441	275	1,202	9	—
	Pasir-Pasir	1,147	101	59	872	115	—
34	Alu-Alu/Kacang Kacang	468	12	27	357	72	—
	Aruan Tasik	147	—	2	115	30	—
	Bawal	528	17	49	453	9	—
	Belanak/Kedera	—	—	—	—	—	—
	Cernin/Segai/Cupak	576	86	68	373	49	—
	Cencaru	322	40	97	184	1	—
	Demudok/Rambai	111	—	11	74	26	—
	Kurau/Senangin/Senohong	122	—	28	94	—	—
	Peleta/Selar	465	12	38	376	39	—
	Selar Kuning/Lolong	2,636	124	322	1,968	222	—
	Selayang/Curut	8	—	—	8	—	—
	Pisang Pisang	466	4	30	398	34	—
	Talang	61	—	5	56	—	—
35	Billis	—	—	—	—	—	—
	Parang-Parang	267	11	17	227	12	—
	Tamban	16	—	—	16	—	—
	Bulan-Bulan	486	55	14	417	—	—
36	Aya/Kayu/Tangkai	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	255	—	—	238	17	—
	Tenggiri	150	2	4	140	4	—
	Timah/Layor/Selayor	352	3	17	320	12	—
38	Pari	3,257	340	367	2,229	321	—
	Yu	1,321	111	197	884	129	—
39	Ikan Baja	135,214	31,172	19,018	84,840	184	—
	Ikan Campur	5,614	1,425	548	3,470	171	—
	Jebong	29	—	—	—	29	—
42	Ketam	2,664	753	510	1,395	6	—
45	Udang Karang/Lobok	575	43	48	472	12	—
	Udang Besar	2,875	962	1,271	638	4	—
	Udang Sedang	8,259	2,059	2,011	4,161	28	—
	Udang Kecil	2,578	1,332	501	736	9	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	1,609	639	266	515	189	—
	Sotong Biasa	3,441	793	502	1,866	280	—
76	Ubur-Ubur	—	—	—	—	—	—
Total:—		193,147	41,772	29,795	118,374	3,206	—

JOHOR TIMUR (EAST JOHORE)
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1980
(Fishing Effort and Landings of Trawlers by Tonnage and Type of Fish, 1980)

Jadual (Table) 2.23(j)

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-49.9 Tons	50-99.9 Tons	100 Tons & above
	No. of fishing units	280	24	93	141	22	—
	No. of trips	65,923	7,680	23,436	30,033	4,774	—
	No. of days	76,252	7,680	26,412	36,660	5,500	—
	No. of hauls	198,143	23,040	70,308	90,099	14,696	—
	No. of trawling hours	582,909	57,600	210,924	270,297	44,088	—
	Species	(Piculs)					
24	Kebasi/Selangat	936	16	432	450	38	—
	Puput/B. Mata/Tirok	604	6	156	378	64	—
	Terubok	—	—	—	—	—	—
25	Siakap	2	—	1	1	—	—
31	Lidah	46	5	12	24	5	—
	Sebelah	233	4	53	144	32	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	1,688	—	569	1,013	106	—
	Daun Baharu	382	1	111	225	45	—
	Delah	2	—	—	—	2	—
	Duri/Pulutan/Utik	1,371	13	333	907	118	—
	Dengkis/Debam	2,372	—	298	1,681	393	—
	Gelama/Tengkerong	5,550	65	1,659	3,329	497	—
	Gerut-Gerut	22	—	4	14	4	—
	Jenahak	2	—	1	1	—	—
	Kaci	545	—	69	393	83	—
	Kerapu	104	—	12	79	13	—
	Kerisi	17,737	19	2,463	12,552	2,703	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	1,626	13	492	959	162	—
	Malong	—	—	—	—	—	—
	Merah	986	—	98	701	187	—
	Mengkerong/Conor/Ubi	171	1	66	89	15	—
	Remong/Kunyit Kunyit	1,169	—	200	794	175	—
	Semilang	2	—	1	1	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damar/Bulus	837	3	162	559	113	—
	Pasir-Pasir	5,452	5	641	3,810	996	—
34	Alu-Alu/Kecang Kacang	434	2	99	259	74	—
	Aruan Tasik	2	—	—	2	—	—
	Bawal	84	—	16	59	9	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	768	1	99	567	101	—
	Cencaru	27	—	1	25	1	—
	Demudok/Rambai	2	—	1	1	—	—
	Kursau/Senangin/Senohong	7	—	2	4	1	—
	Pelata/Selar	397	—	63	268	66	—
	Selar Kuning/Lolong	27,571	35	3,472	19,356	4,708	—
	Selayang/Curut	9	—	—	8	1	—
	Pisang Pisang	—	—	—	—	—	—
	Talang	5	—	—	5	—	—
35	Bilis	46	—	3	23	20	—
	Parang-Parang	59	—	8	42	9	—
	Tamban	35	—	5	26	4	—
	Bulan-Bulan	—	—	—	—	—	—
36	Aya/Kayu/Tangkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	516	—	3	410	103	—
	Tenggiri	288	—	36	200	52	—
	Timah/Layor/Selayor	330	4	109	186	31	—
38	Pari	1,290	18	346	812	114	—
	Yu	626	12	168	367	79	—
39	Ikan Baja	69,680	383	16,485	45,002	7,810	—
	Ikan Campur	398	43	113	206	36	—
	Jebong	332	1	68	207	56	—
42	Ketam	2,871	100	846	1,606	319	—
45	Udang Karang/Lobok	187	7	47	116	17	—
	Udang Besar	3,134	63	633	2,049	389	—
	Udang Sedang	2,500	160	788	1,342	210	—
	Udang Kecil	12,701	495	3,082	7,569	1,555	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	9	—	8	1	—	—
	Sotong Katak	3,067	24	694	1,897	452	—
	Sotong Biasa	11,313	35	1,826	7,566	1,886	—
76	Ubur-Ubur	—	—	—	—	—	—
Total:—		180,527	1,534	36,854	118,285	23,854	—

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA BORONG PURATA IKAN BASAH DIPASAR BAGI TIAP-TIAP SEKATI MENGIKUT BULAN, 1980
 (Monthly Average Wholesale Market Prices of Fresh Fish, 1980)
 (Harga dalam \$/Kati – Prices at \$/Katty)

Jadual (Table) 3.1

Jenis-Jenis Ikan (Type of Fish)	Jan (Jan.)	Feb. (Feb.)	Mac (Mar.)	Apr. (Apr.)	Mei (May)	Jun (June)	Jul. (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Purata 1980 (Average 1980)
Bawal Putih	5.01	5.07	4.94	5.12	5.32	5.05	5.40	5.30	5.70	5.66	5.79	5.46	5.32
Bawah Hitam	2.46	2.45	2.44	2.31	2.57	2.94	2.76	2.84	2.55	2.71	2.72	2.76	2.63
Kerapu	2.95	3.05	2.91	3.00	2.98	2.82	2.89	2.65	2.69	2.80	2.94	3.06	2.90
Tenggiri	2.32	2.32	2.22	2.33	2.32	2.37	2.47	2.46	2.38	2.50	2.48	2.79	2.41
Merah	1.75	1.77	1.54	1.69	1.72	1.82	1.78	1.81	1.58	1.78	1.96	1.96	1.76
Jenahak	2.34	2.12	2.02	2.09	2.34	2.35	2.26	2.36	2.45	2.36	2.47	2.65	2.32
Kaci	0.77	0.99	0.81	0.85	0.95	0.95	0.95	0.82	0.82	0.70	0.75	0.85	0.85
Cermin	1.03	1.20	1.34	1.22	1.04	1.03	1.11	1.27	1.38	1.27	1.16	1.22	1.19
Gelama	0.45	0.48	0.41	0.42	0.43	0.43	0.44	0.46	0.44	0.52	0.53	0.52	0.46
Kembong	0.97	0.91	0.80	0.87	0.88	0.94	0.88	0.87	0.82	0.81	0.78	0.88	0.87
Kerisi	0.72	0.66	0.64	0.68	0.83	0.75	0.74	0.86	0.61	0.68	0.81	0.83	0.73
Selayang	0.38	0.34	0.27	0.35	0.34	0.36	0.32	0.36	0.39	0.37	0.42	0.43	0.36
Tamban	0.36	0.29	0.30	0.30	0.33	0.32	0.34	0.33	0.26	0.26	0.36	0.39	0.32
Selar/Pelata	0.85	0.85	0.82	0.79	0.90	0.83	0.80	0.83	0.80	0.82	0.78	0.82	0.82
Sotong	0.92	0.91	0.93	0.98	1.01	1.04	1.02	1.00	0.98	1.08	1.06	1.13	1.01
Aya/Tongkol	0.75	0.72	0.72	0.69	0.73	0.72	0.81	0.81	0.88	0.93	0.87	0.87	0.79
Udang Besar	8.49	9.11	8.59	8.09	8.62	8.76	9.26	9.05	8.88	9.16	9.12	9.34	8.87
Udang Sedang	4.23	4.36	4.20	4.09	4.38	4.68	4.01	4.40	4.00	4.57	4.62	5.15	4.39
Udang Kecil	1.74	1.65	1.69	1.77	1.95	2.14	1.79	1.97	2.05	1.85	2.07	1.75	1.87

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA RUNCIT PURATA IKAN BASAH DIPASAR BAGI TIAP-TIAP SEKATI MENGIKUT BULAN, 1980
 (Monthly Average Retail Market Prices of Fresh Fish, 1980)
 (Harga dalam \$/Kati – Prices at \$/Katty)

Jadual (Table) 3.2

Jenis-Jenis Ikan (Type of Fish)	Jan. (Jan.)	Feb. (Feb.)	Mac (Mar.)	Apr. (Apr.)	Mei (May)	Jun (June)	Jul. (July)	Ogos (Aug.)	Sept. (Sept.)	Okt. (Oct.)	Nov. (Nov.)	Dis. (Dec.)	Purata 1980 (Average 1980)
Bawal Putih	5.74	5.53	5.39	5.71	5.93	5.88	6.05	6.05	6.68	6.29	6.51	5.65	5.95
Bawal Hitam	2.85	2.92	2.84	2.77	2.96	3.07	3.12	3.20	2.90	3.15	3.16	3.11	3.00
Kerapu	3.32	3.50	3.38	3.46	3.50	3.23	3.19	3.27	3.34	3.33	3.52	3.37	3.37
Tenggiri	2.75	2.80	2.57	2.68	2.69	2.78	2.86	2.98	2.76	2.92	2.98	3.13	2.83
Merah	2.04	2.05	1.87	2.05	2.03	2.07	2.11	2.16	1.94	2.07	2.28	2.12	2.07
Jenahak	2.71	2.56	2.39	2.46	2.72	2.46	2.62	2.76	2.62	2.78	2.91	2.90	2.66
Kaci	0.98	1.21	1.04	1.11	1.12	1.15	1.16	0.98	0.98	0.94	0.98	1.00	1.05
Cermin	1.43	1.49	1.65	1.54	1.38	1.59	1.37	1.44	1.73	1.53	1.41	0.98	1.46
Gelama	0.64	0.69	0.60	0.60	0.62	0.65	0.62	0.68	0.64	0.72	0.76	0.74	0.66
Kembong	1.26	1.19	1.08	1.15	1.16	1.25	1.18	1.22	1.09	1.15	1.09	1.20	1.17
Kerisi	0.95	0.94	0.88	0.96	1.04	0.99	0.95	0.98	0.85	0.93	1.06	1.04	0.96
Selayang	0.48	0.54	0.41	0.51	0.50	0.57	0.51	0.53	0.57	0.53	0.57	0.65	0.53
Tamban	0.61	0.47	0.46	0.43	0.48	0.45	0.51	0.50	0.41	0.40	0.52	0.58	0.49
Selar/Pelata	1.12	1.13	1.08	1.07	1.19	1.16	1.13	1.19	1.09	1.10	1.07	1.10	1.12
Sotong	1.21	1.18	1.20	1.22	1.27	1.33	1.34	1.30	1.27	1.36	1.33	1.34	1.28
Aya/Tongkol	1.01	1.06	1.00	0.93	1.02	0.92	1.00	1.07	1.06	1.22	1.13	1.14	1.05
Udang Besar	9.96	10.33	9.81	9.59	10.02	10.33	10.52	10.01	10.18	10.31	10.26	10.29	10.13
Udang Sedang	4.99	5.23	4.93	4.86	5.08	5.19	4.62	5.26	4.67	5.26	5.45	5.58	5.09
Udang Kecil	2.11	2.06	2.09	2.16	2.37	2.41	2.18	2.36	2.69	2.20	2.43	1.74	2.23

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI HARGA BORONG PASARAN IKAN LAUT – 1980
(Wholesale Market Values of Marine Fish – 1980)

Jadual (Table) 3.3

Negeri (State)	Grade I		Grade II		Grade III		Prawn Big		Prawn Medium		Prawn Small		Manure Fish		Shellfish		Jumlah (Total)	
	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$
Perlis	6,524	2,165,968	219	33,507	275,884	18,484,228	5,318	4,717,066	13,598	5,969,522	18,641	3,485,867	119,513	999,129	2,174	67,394	441,871	35,922,681
Kedah	349,361	115,987,852	5,239	801,567	395,511	26,499,237	15,201	13,483,287	31,578	13,862,742	65,324	12,215,588	780,625	6,526,025	1,903	58,993	1,644,742	189,435,291
P. Pinang	23,031	7,646,292	4,675	715,275	292,926	19,626,042	12,345	10,950,015	19,971	8,767,269	40,738	7,618,006	112,885	943,719	154,790	4,798,490	661,361	61,065,108
Perak	206,513	68,562,316	46,659	7,138,827	1,000,115	67,007,705	26,342	23,365,354	123,110	54,045,290	206,684	38,649,908	462,068	3,862,888	1,741,700	53,992,700	3,813,191	316,624,988
Selangor	59,258	19,673,656	16,709	2,556,477	376,575	25,230,525	27,788	24,647,956	79,486	34,894,354	106,689	19,950,843	494,148	4,131,077	137,318	4,256,858	1,297,971	135,341,746
Negeri Sembilan	1,688	560,416	1,159	177,327	4,265	285,755	—	—	—	—	804	150,348	—	—	—	—	7,916	1,173,846
Melaka	16,358	5,430,856	1,985	303,705	18,978	1,271,526	595	527,765	920	403,880	1,030	192,610	1,856	15,516	—	—	41,722	8,145,858
Kelantan	9,232	3,065,024	5,997	917,541	274,176	18,369,792	2,248	1,993,976	3,881	1,703,759	1,279	239,173	8,687	29,536	—	—	305,500	26,318,801
Trengganu	100,933	33,509,756	43,443	6,646,779	733,455	49,141,485	1,787	1,585,069	2,548	1,118,572	6,855	1,281,885	80,011	272,037	—	—	969,032	93,555,583
Pahang	33,842	11,235,544	15,622	2,390,166	175,878	11,783,826	4,965	4,403,955	9,730	4,271,470	4,113	769,131	135,694	461,360	24	744	379,868	35,316,196
Johor Timur (J.East)	31,081	10,318,892	9,223	1,411,119	347,050	23,252,350	4,013	3,559,531	3,607	1,583,473	16,357	3,058,759	89,823	305,398	—	—	501,154	43,489,522
Johor Barat (J.West)	32,833	10,900,556	7,066	1,081,098	78,457	5,256,619	4,653	4,127,211	5,416	2,377,624	38,173	7,138,351	80,333	671,584	1,764	54,684	248,695	31,607,727
Jumlah (Total):	870,654	289,057,128	157,996	24,173,388	3,973,270	266,209,090	105,255	93,361,185	293,845	128,997,955	506,687	94,750,469	2,365,643	18,218,269	2,039,673	63,229,863	10,313,023	977,997,347

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

Grade II Includes Jenahak, Terubuk, Puput-Puput, Merah, Kaci, Cermin dan Demudok.

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

(2) Grade I Price at \$3.32 per katty is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.

Grade II Price at \$1.53 per katty is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.

Grade III Price at \$0.67 per katty is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.

(3) Price per katty of Prawn big, Prawn medium and Prawn small are calculated at \$8.87, \$4.39, \$1.87 respectively.

(4) Prices of Manure Fish are estimated at \$8.36 per picul (West Coast) and \$3.40 per picul (East Coast).

(5) Prices of Shellfish are estimated at \$0.31 per katty.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI HARGA RUNCIT PASARAN IKAN LAUT – 1980
(Retail Market Values of Marine Fish – 1980)

Jadual (Table) 3.4

Negeri (State)	Grade I		Grade II		Grade III		Prawn Big		Prawn Medium		Prawn Small		Manure Fish		Shellfish		Jumlah (Total)	
	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$
Perlis	6,524	2,472,596	219	39,639	275,884	25,105,444	5,318	5,387,134	13,598	6,921,382	18,641	4,156,943	119,513	1,449,693	2,174	104,352	441,871	45,637,183
Kedah	349,361	132,407,819	5,239	948,259	395,511	35,991,501	15,201	15,398,613	31,578	16,073,202	65,324	14,567,252	780,625	9,468,981	1,903	91,344	1,644,742	224,946,971
P. Pinang	23,031	8,728,749	4,675	846,175	292,926	26,656,266	12,345	12,505,485	19,971	10,165,239	40,738	9,084,574	112,885	1,369,295	154,790	7,429,920	661,361	76,785,703
Perak	206,513	78,268,427	46,659	8,445,279	1,000,115	91,010,465	26,342	26,684,446	123,110	62,662,990	206,684	46,090,532	462,068	5,604,885	1,741,700	83,601,600	3,813,191	402,368,624
Selangor	59,258	22,458,782	16,709	3,024,329	376,575	34,268,325	27,788	28,149,244	79,486	40,458,374	106,689	23,791,647	494,148	5,994,015	137,318	6,591,264	1,297,971	164,735,980
N. Sembilan	1,688	639,752	1,159	209,779	4,265	388,115	—	—	—	—	804	179,292	—	—	—	—	7,916	1,416,938
Melaka	16,358	6,199,682	1,985	359,285	18,978	1,726,998	595	602,735	920	468,280	1,030	229,690	1,856	22,513	—	—	41,722	9,609,183
Kelantan	9,232	3,498,928	5,997	1,085,457	274,176	24,950,016	2,248	2,277,224	3,881	1,975,429	1,279	285,217	8,687	31,708	—	—	305,500	34,103,979
Trengganu	100,933	38,253,607	43,443	7,863,183	733,455	66,744,405	1,787	1,810,231	2,548	1,296,932	6,855	1,528,665	80,011	292,040	—	—	969,032	117,789,063
Pahang	33,842	12,826,118	15,622	2,827,582	175,878	16,004,898	4,965	5,029,545	9,730	4,952,570	4,113	917,199	135,694	495,283	24	1,152	379,868	43,054,347
Johor Timur (J. East)	31,081	11,779,699	9,223	1,669,363	347,050	31,581,550	4,013	4,065,169	3,607	1,835,963	16,357	3,847,611	89,823	327,854	—	—	501,154	54,907,209
Johor Barat (J. West)	32,833	12,443,707	7,066	1,278,946	78,457	7,139,587	4,653	4,713,489	5,416	2,756,744	38,173	8,512,579	80,333	974,439	1,764	84,672	248,695	37,904,163
Jumlah (Total):	870,654	329,977,866	157,996	28,597,276	3,973,270	361,567,570	105,255	106,623,315	293,845	149,567,105	506,687	112,991,201	2,365,643	26,030,706	2,039,673	97,904,304	10,313,023	1,213,259,343
	51825 mt		9405 mt		236504 mt		6285 mt		17491 mt		30165 mt		140912 mt		121409 mt		613870 mt	

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

Grade II Includes Jenahak, Terubuk, Puput-Puput, Merah, Kaci, Cermin dan Demudok.

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

(2) Grade I Price at \$3.79 per katty is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.

Grade II Price at \$1.81 per katty is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.

Grade III Price at \$0.91 per katty is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.

(3) Price per katty of Prawn big, Prawn medium and Prawn small are calculated at \$10.13, \$5.09, \$2.23 respectively.

(4) Prices of Manure Fish are estimated at \$12.13 per picul (West Coast) and \$3.65 per picul (East Coast).

(5) Prices of Shellfish are estimated at \$0.48 per katty.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED IKAN 1980
(Landing Values of Marine Fish by Gear Group and Grade of Fish – 1980)

Jadual (Table) 3.5

Landings and Value (Pendaratan dan Nilai)	Pukat Tunda (Trawl Nets)	Pukat Tarik (Seine Nets)			Pukat Hanyut (Drift/ Gill Nets)	Pukat Tangguk (Lift Nets)	Perangkap-Perangkap (Traps)		Pancing (Hook & Lines)	Pukat Bakul (Bag Nets)	Pukat Rentang (Barrier Nets)	Pukat Surung (Push/ Scoop Nets)	Memungut Siput (Shell- fish Collect- ion)	Rampeian (Miscell- aneous)	Jumlah Picul dan Nilai (Total Piculs and Value)
		Pukat Jerut Ikan (Purse Seine Fish)	Pukat Jerut Bilis (Purse Seine Anchovy)	Lain- lain (Other Seines)			Belat- Belat (Station- ary)	Bubu (Port- able)							
Grade I Piculs	83,863	20,186	489,910	1,553	165,774	8,716	10,047	20,216	70,358	—	31	—	—	—	870,654
N.B. \$	27,842,516	6,701,752	162,650,120	515,596	55,036,968	2,893,712	3,335,604	6,711,712	23,358,856	—	10,292	—	—	—	289,057,128
N.R. \$	31,784,077	7,650,494	185,675,890	588,587	62,828,346	3,303,364	3,807,813	7,661,864	26,665,682	—	11,749	—	—	—	329,977,866
Grade II Piculs	47,857	14,642	817	66	10,471	1,026	484	56,219	25,875	13	166	—	—	360	157,996
N.B. \$	7,322,121	2,240,226	125,001	10,098	1,602,063	156,978	74,052	8,601,507	3,958,875	1,989	25,398	—	—	55,080	24,173,388
N.R. \$	8,662,117	2,650,202	147,877	11,946	1,895,251	185,706	87,604	10,175,639	4,683,375	2,353	30,046	—	—	65,160	28,597,276
Grade III Piculs	999,813	1,914,721	29,529	21,882	345,198	121,978	105,100	49,303	244,972	84,511	12,875	10,451	—	32,937	3,973,270
N.B. \$	66,987,471	128,286,307	1,978,443	1,466,094	23,128,266	8,172,526	7,041,700	3,303,301	16,413,124	5,662,237	862,625	700,217	—	2,206,779	266,209,090
N.R. \$	90,982,983	174,239,611	2,687,139	1,991,262	31,413,018	11,099,998	9,564,100	4,486,573	22,292,452	7,690,501	1,171,625	951,041	—	2,997,267	361,567,570
Prawn big Piculs	40,686	—	—	8,401	40,748	—	216	1	—	14,298	392	501	—	12	105,255
N.B. \$	36,088,482	—	—	7,451,687	36,143,476	—	191,592	887	—	12,682,326	347,704	444,387	—	10,644	93,361,185
N.R. \$	41,214,918	—	—	8,510,213	41,277,724	—	218,808	1,013	—	14,483,874	397,096	507,513	—	12,156	106,623,315
Prawn medium Piculs	168,358	—	—	56,768	39,184	—	643	—	—	22,765	345	5,720	—	62	293,845
N.B. \$	73,909,162	—	—	24,921,152	17,201,776	—	282,277	—	—	9,993,835	151,455	2,511,080	—	27,218	128,997,955
N.R. \$	85,694,222	—	—	28,894,912	19,944,656	—	327,287	—	—	11,587,385	175,605	2,911,480	—	31,558	149,567,105
Prawn small Piculs	278,034	—	—	121,674	23,349	—	2,148	90	—	72,315	723	8,351	—	3	506,687
N.B. \$	51,992,358	—	—	22,753,038	4,366,263	—	401,676	16,830	—	13,522,905	135,201	1,561,637	—	561	94,750,469
N.R. \$	62,001,582	—	—	27,133,302	5,206,827	—	479,004	20,070	—	16,126,245	161,229	1,862,273	—	669	112,991,201
Ikan Baja Piculs	2,138,319	23,965	426	84,506	32,721	—	14,946	1,080	28	63,710	368	5,541	—	33	2,365,643
(Manure N.B. \$	16,421,178	200,347	1,448	706,455	273,166	—	124,830	8,503	95	432,572	3,076	46,323	—	276	18,218,269
Fish) N.R. \$	23,449,939	290,695	1,555	10,250,32	396,253	—	181,092	12,202	102	601,760	4,464	67,212	—	400	26,030,706
Kerang/ Piculs	—	—	—	—	—	—	—	—	—	—	—	—	2,039,673	—	2,039,673
Siput N.B. \$	—	—	—	—	—	—	—	—	—	—	—	—	63,229,863	—	63,229,863
(Shellfish) N.R. \$	—	—	—	—	—	—	—	—	—	—	—	—	97,904,304	—	97,904,304
Jumlah Piculs	3,756,930	1,973,514	520,682	294,850	657,445	131,720	133,584	126,909	341,233	257,612	14,900	30,564	2,039,673	33,407	10,313,023
N.B. \$	280,563,288	1137,428,632	164,755,012	57,824,120	137,751,978	11,223,216	11,451,731	18,642,740	43,730,950	42,295,864	1,535,751	5,263,644	63,229,863	2,300,558	977,997,347
Total N.R. \$	343,789,838	1184,831,002	188,512,461	68,155,254	162,962,075	14,589,068	14,665,708	22,357,361	53,641,611	50,492,118	1,951,814	6,299,519	97,904,304	3,107,210	1,213,259,343

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

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PENGUNAAN PENDARATAN IKAN LAUT, 1980

(Disposition of Marine Fish Landings, 1980)

Jadual (Table) 3.6

Cara Penggunaan (Disposition Channel)	Negeri (State)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor (Johore)	JUMLAH (TOTAL)	
													Pikul (Piculs)	M. Ton (M. Tonnes)
Diguna secara hidup (Disposed alive)		—	—	—	—	—	—	—	—	—	—	—	—	—
Diguna secara basah (Disposed fresh)		441,731	177,481	520,608	2,815,557	379,264	7,916	40,847	293,806	811,003	278,476	467,920	6,234,609	377,169
Diguna untuk beku (Disposed for freezing)		—	—	—	—	—	—	—	—	—	—	—	—	—
Diguna untuk mengetin (Disposed for canning)		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Digunakan untuk diewitkan (Disposed for curing)	Kering/Masin/Diasap (Dried/Salted/Smoked)	140	466,532	6,063	314,344	362,825	—	192	2,015	108,644	8,253	7,765	1,276,773	77,240
	Rebus (Steamed/boiled)	—	—	—	132,120	—	—	—	—	—	—	—	132,120	7,993
	Diragikan (Fermented)	—	946	23,053	76,298	33,084	—	683	763	562	—	12,087	147,476	8,922
	Lain-Lain Others	—	243	—	374	—	—	—	158	12,555	488	3,191	17,009	1,029
	Diguna untuk mengubahkan (Disposed for reduction)	—	948,752	77,320	425,728	429,440	—	—	—	—	41,664	257,856	2,180,760	131,928
Diguna untuk lain-lain (Disposed for Others)		—	50,788	34,317	48,770	93,358	—	—	8,758	36,268	50,987	1,030	324,276	19,617
JUMLAH: PIKUL (Total) (Piculs)		441,871	1,644,742	661,361	3,813,191	1,297,971	7,916	41,722	305,500	969,032	379,868	749,849	10,313,023	623,898

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)

HASIL IKAN LAUT YANG DIPROSES – 1980

(Processed Marine Fish Products - 1980)

Timbangan dalam Pikul (Weights in Piculs)

Jadual (Table) 3.7

Negeri (State)	Jenis Hasil Pengeluaran (Type of Products)	Ikan Masin/ Ikan Kering (Salted/ Dried Fish)	Bilis Kering (Dried Anchovies)	Ikan Rebus (Boiled Fish)	Ikan Baja (Marine Fish)	Tepung Ikan (Fish Meal)	Udang Kering (Dried Prawn)	Tepung/ Kulit Udang (Prawn Dust)	Otak Udang (Prawn Paste)	Belacan (Shrimp Paste)	Kerupok (Crackers)		Cincaluk (Pickled Prawn)	Sotong Kering (Dried Cuttle Fish)	Budus (Fermented Anchovies)	Ubur Ubur (Jelly Fish)	Kerang Kering (Dried Cockles)	Lain-lain Siput (Other Shellfish)	Jumlah (Total)
											Ikan (Fish)	Udang (Prawn)							
Perlis	—	—	—	—	—	—	35	—	—	—	—	—	—	—	—	—	—	—	35
Kedah	25,248	105,991	—	—	30,473	237,188	122	—	79	50	106	52	—	—	—	—	—	—	399,309
Pulau Pinang (Penang)	3,057	—	—	—	20,590	19,330	242	—	385	6,145	—	—	—	—	—	—	—	—	49,749
Perak	41,208	39,190	105,696	29,262	104,932	9,856	1,500	77	24,169	16	227	—	—	—	4,948	—	—	—	361,081
Selangor	20,545	—	—	56,015	107,360	10,644	—	—	10,587	—	—	—	—	—	144	21,438	5,615	—	232,348
Negeri Sembilan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melaka (Malacca)	115	—	—	—	—	—	—	—	98	—	—	—	113	—	—	—	—	—	326
Johor (Johore)	4,335	135	—	618	64,464	—	—	—	3,551	1,840	234	297	—	—	—	—	—	—	75,474
Kelantan	1,192	7	—	5,255	—	—	—	—	—	96	7	—	—	—	229	—	—	—	6,786
Trengganu	35,023	9,191	—	21,761	—	67	—	—	24	8,161	—	—	3,310	146	—	—	—	—	77,683
Pahang	1,414	1,474	—	30,592	10,416	—	—	—	—	307	10	—	—	—	—	—	—	—	44,213
JUMLAH (Total)	132,137	155,988	105,696	194,566	543,690	20,966	1,500	541	44,624	10,526	530	410	3,310	375	5,092	21,438	5,615	—	1,247,004

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
KILANG-KILANG AIR BATU DAN KEMUDAHAN-KEMUDAHAN PENYEJUK
DI TARIKH 31.12.1980
(Ice Factories and Refrigeration Facilities as at 31.12.1980)

Jadual (Table) 3.8

NEGERI (State)	ICE FACTORIES						REFRIGERATION ESTABLISHMENTS			TOTAL STORAGE CAPACITY	
	No.	Daily Production Capacity			Storage Capacity		No.	Storage Capacity			
		Tons	Blocks	Lbs. per Block	Ice (Tons)	Fish (Tons)		Ice (Tons)	Fish (Tons)	Ice (Tons)	Fish (Tons)
Perlis	2	150	1,350	224 – 320	700	—	5	90	20	790	20
Kedah	5	222	1,935	224	498	—	17	114	2,479	612	2,479
Pulau Pinang (Penang)	9	609	4,045	320 – 224	550	3,105	15	3	6,135	553	9,240
Perak	11	1,184	11,185	200 – 320	2,605	1,728	38	179	842	2,784	2,570
Selangor	18	286	1,385	40 – 320	184	30	18	366	75	550	105
Negeri Sembilan	1	28	280	224	14	—	—	—		14	—
Melaka (Malacca)	2	75	525	320	84	300	—	—		84	300
Kelantan	18	109	1,771	25 – 224	204	166	3	7	57	211	223
Trengganu	10	166	1,412	27 – 300	265	43	5	151	124	416	167
Pahang	10	244	3,523	20 – 224	533	142	3	14	28	547	170
Johor (Johore)	5	260	5,648	60 – 224	190	—	13	236	10	426	10
JUMLAH (Total)	91	3,333	33,059	—	5,827	5,514	117	1,160	9,770	6,987	15,284

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

HASIL PERIKANAN DALAM RINGGIT MALAYSIA, 1980

(Fisheries Revenue in Malaysian Ringgit, 1980)

Jadual (Table) 3.9

JENIS HASIL (Type of Revenue)	HASIL NEGERI (STATE REVENUE)					HASIL PERSEKUTUAN*(FEDERAL REVENUE)										JUMLAH BESAR (Grand Total)
	Perahu (Boat)	Perikanan (Fishing)	Patil Perahu (Boat No. Plate)	Lain-Lain (Miscellaneous)	JUMLAH (Total)	JUALAN PERIKANAN (Fisheries Sales)			Pelbagai Bayaran dan Pindah Milet (Miscellaneous & boat transfer fee)	Sewa Rumah (Rent of Govt. House)	Komaun atau Denda (Compound or Fine)	Bayaran Masuk Akuarium (Aquarium Entrance Fee)	Sewa Bilek Sejuk (Rent of Cold Room)	Jualan Harta Kerajaan (Sales of Government Property)	JUMLAH (Total)	
						Ikan (Fish)	Patil Belat (Stake No. Plate)	Jualan Bot (Sale of confiscated boat)								
NEGERI (State)																
Perlis	8,094.67	7,732.00	722.00	—	16,548.67	—	—	—	90.50	—	—	—	—	—	90.50	16,639.17
Kedah	33,797.51	27,955.00	3,132.00	—	64,884.51	—	18.00	23,151.66	507.50	—	32,184.00	—	—	—	55,861.16	120,745.67
P. Pinang (Penang)	22,387.42	15,854.00	2,643.00	—	40,884.42	238.87	—	620.00	468.60	8,340.00	44,400.00	139,277.40	—	1,080.76	194,425.63	235,310.05
Perak	66,061.41	64,935.00	6,610.00	—	137,606.41	—	—	—	775.50	—	4,800.00	—	—	710.00	6,285.50	143,891.91
Selangor	41,738.78	34,344.00	3,710.00	—	79,792.78	563.00	—	—	9,963.43	—	17,300.00	—	—	—	27,826.43	107,619.21
Negeri Sembilan	771.61	592.00	212.00	—	1,575.61	—	—	—	41.50	—	—	—	—	—	41.50	1,617.11
Melaka (Malacca)	3,153.13	2,789.00	993.00	—	6,935.13	—	—	—	102.00	525.00	—	—	—	110.75	737.75	7,672.88
Kelantan	8,410.78	5,000.00	1,707.00	3,157.30	18,275.08	107.00	—	—	716.00	—	6,550.00	—	10,460.00	—	17,833.00	36,108.08
Trengganu	25,220.94	25,858.00	8,293.00	1,697.00	61,068.94	241.00	—	65,935.00	1,005.50	—	13,350.00	—	20,987.90	145.80	101,665.20	162,734.14
Pahang	10,411.33	10,638.00	1,164.00	—	22,213.33	—	—	—	204.50	—	9,700.00	—	7,780.00	—	17,684.50	39,897.83
Johor	32,474.99	38,219.00	5,885.00	—	76,578.99	—	3.00	1,090.00	429.50	—	23,400.00	—	—	—	24,922.50	101,501.49
JUMLAH (Total)	252,522.57	233,916.00	35,071.00	4,854.30	526,363.87	1,149.87	21.00	90,796.66	14,304.53	8,865.00	151,684.00	139,277.40	39,227.90	2,047.31	447,373.67	973,737.54

*Jualan Telor Punyu
(Sale of turtle eggs)

**SEMENANJUNG MALAYSIA
(PENINSULAR MALAYSIA)**

**IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
DAN DESTINASI – 1980***

**(IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
AND DESTINATION – 1980*)**

Jadual (Table) 4.1

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
034 110 00	FISH, FRESH, CHILLED OR FROZEN (excluding fillets)	1000				
	fish fry, alive					
	Singapore		801.04	101,621	18.03	2,037
	Thailand		216.04	7,686	—	—
	Indonesia		0.48	848	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		826.24	51,966	—	—
	Taiwan		2,943.94	109,460	2.00	200
	China		—	—	—	—
	Others		0.46	1,877	17.76	4,575
	Total		4,788.20	273,458	37.79	6,806
034 120 00	fish for aquaria, alive	100				
	Singapore		19,625.26	397,448	39,316.58	184,681
	Thailand		7,646.80	167,773	20.60	137
	Indonesia		—	—	—	—
	Japan		106.30	6,055	65.00	1,375
	U.S.A.		—	—	—	—
	U.K.		—	—	11.46	1,402
	Hong Kong		1,431.66	67,085	4,344.80	3,064
	Taiwan		134.49	6,585	36.50	193
	China		10.00	1,743	—	—
	Others		3,025.24	121,366	378.79	21,253
	Total		31,979.75	768,055	44,173.73	212,105
034 131 00	tuna, fresh, chilled	Tonne				
	Singapore		—	—	1.82	1,499
	Thailand		—	—	0.06	617
	Indonesia		—	—	—	—
	Japan		1.17	5,861	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.00	36	0.03	20
	Total		1.17	5,897	1.91	2,136
034 132 00	sauries, fresh, chilled	Tonne				
	Singapore		—	—	0.06	180
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		—	—	0.06	180

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
034 139 00	marine fish — other than tuna and sauries, fresh, chilled	Tonne				
	Singapore		373.40	292,783	27,730.26	15,729,930
	Thailand		46,998.39	27,966,040	1,673.37	938,747
	Indonesia		1,284.46	1,205,650	2.98	1,476
	Japan		8.47	35,409	17.69	72,277
	U.S.A.		—	—	—	—
	U.K.		0.05	475	0.82	412
	Hong Kong		0.29	7,984	5.36	2,693
	Taiwan		4.09	7,325	6.03	2,431
	China		—	—	—	—
	Others		121.24	87,289	65.55	111,425
	Total		48,790.39	29,602,955	29,502.06	16,859,391
034 140 00	freshwater fish, fresh, chilled	Tonne				
	Singapore		11.02	14,705	55.78	70,992
	Thailand		71.08	705,320	22.10	9,855
	Indonesia		2.19	6,034	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		0.03	638	—	—
	Hong Kong		4.46	4,463	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.46	5,358	—	—
	Total		89.24	736,518	77.88	80,847
034 211 00	tuna, frozen	Tonne				
	Singapore		0.05	228	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.23	13,458	—	—
	U.S.A.		—	—	95.79	422,789
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		95.79	95,692	—	—
	China		—	—	—	—
	Others		—	—	42.80	116,727
	Total		96.07	109,378	138.59	539,516
034 212 00	sauries, frozen	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		141.90	230,180	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	16.50	24,353
	China		—	—	—	—
	Others		—	—	—	—
	Total		141.90	230,180	16.50	24,353

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
034 219 00	marine fish — other than tuna and sauries, frozen	Tonne				
	Singapore		844.60	591,836	137.30	82,159
	Thailand		75.15	75,671	3.20	1,920
	Indonesia		115.47	115,566	—	—
	Japan		39.52	375,128	112.74	472,586
	U.S.A.		5.64	61,601	—	—
	U.K.		2.79	33,633	—	—
	Hong Kong		0.16	2,117	0.17	413
	Taiwan		66.63	84,380	—	—
	China		10.00	5,900	—	—
	Others		679.52	1,114,209	241.49	510,543
	Total		1,839.48	2,460,041	494.90	1,067,621
034 220 00	freshwater fish, frozen	Tonne				
	Singapore		3.63	1,600	5.14	6,186
	Thailand		—	—	—	—
	Indonesia		0.03	480	—	—
	Japan		—	—	4.46	15,850
	U.S.A.		0.36	5,299	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.50	6,496	—	—
	Total		4.52	13,875	9.60	22,036
034 300 00	fish fillets, fresh or chilled	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		10.34	4,042	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		10.34	4,042	—	—
034 400 00	fish fillets, frozen	Tonne				
	Singapore		—	—	1.14	5,611
	Thailand		—	—	—	—
	Indonesia		0.03	473	—	—
	Japan		0.05	1,317	—	—
	U.S.A.		0.33	2,141	—	—
	U.K.		0.17	2,669	—	—
	Hong Kong		0.05	167	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		3.56	15,543	0.01	90
	Total		4.19	22,310	1.15	5,701

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
035 010 00	FISH – DRIED, SALTED, IN BRINE OR SMOKED fish meal fit for human consumption	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		40.37	39,664	0.12	70
	Japan		0.11	2,908	—	—
	U.S.A.		—	—	—	—
	U.K.		0.07	241	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.01	490	2.84	10,064
	Total		40.56	43,303	2.96	10,134
035 020 00	cod, not in fillets, dried	Tonne				
	Singapore		—	—	0.00	1,395
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.13	921	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	0.01	107
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.03	684	0.01	4,181
	Total		0.16	1,605	0.02	5,683
035 031 00	fishmaws (excl. cod) dried, salted or in brine	Tonne				
	Singapore		2.07	21,054	0.68	3,204
	Thailand		0.30	183	—	—
	Indonesia		38.58	266,032	—	—
	Japan		2.60	13,523	0.04	82
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		1.67	15,956	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		1.50	10,773	0.16	2,850
	Total		46.72	327,521	0.88	6,136
035 032 00	sharks' fins dried, salted or in brine	Tonne				
	Singapore		28.95	217,704	11.89	47,971
	Thailand		0.95	5,252	—	—
	Indonesia		104.46	796,440	0.36	210
	Japan		114.39	700,840	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	0.03	125
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		164.54	50,432	27.32	300,179
	Total		413.29	1,770,668	39.60	348,485

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
035 039 10	other marine fish (excl. cod) dried, salted or in brine	Tonne				
	Singapore		74.01	55,595	3,409.95	4,256,472
	Thailand		2,302.11	1,930,920	245.12	142,856
	Indonesia		162.60	147,384	71.97	45,687
	Japan		6.42	14,144	75.04	519,189
	U.S.A.		—	—	1.44	12,387
	U.K.		0.09	560	0.32	3,196
	Hong Kong		20.66	44,653	46.83	178,073
	Taiwan		13.91	22,194	—	—
	China		1.50	13,876	0.05	19,188
	Others		303.17	1,194,311	399.12	1,082,970
	Total		2,884.47	3,423,637	4,249.84	6,260,018
035 039 20	freshwater fish dried, salted or in brine	Tonne				
	Singapore		6.65	11,794	43.09	53,651
	Thailand		26.16	13,080	—	—
	Indonesia		5.92	7,730	—	—
	Japan		0.01	47	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		1.31	1,643	0.06	125
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.04	98	0.33	1,080
	Total		40.09	34,392	43.48	54,856
035 041 00	smoked salmon	Tonne				
	Singapore		—	—	0.01	1,860
	Thailand		1.37	41,567	—	—
	Indonesia		—	—	—	—
	Japan		0.00	296	8.12	68,450
	U.S.A.		0.35	10,793	—	—
	U.K.		0.53	17,007	—	—
	Hong Kong		0.00	80	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.63	19,843	0.01	475
	Total		2.88	89,586	8.14	70,785
035 049 00	other fish smoked, excl. salmon	Tonne				
	Singapore		—	—	111.48	215,508
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.02	349	35.20	284,196
	U.S.A.		0.05	992	—	—
	U.K.		1.09	11,999	0.00	25
	Hong Kong		—	—	0.10	400
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.32	6,105	21.27	90,828
	Total		1.48	19,445	168.05	590,957

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
036 011 00	CRUSTACEANS AND MOLLUSCS FRESH, CHILLED, FROZEN, DRIED, SALTED, IN BRINE OR SIMPLY BOILED	Tonne				
	prawns, fresh, chilled					
	Singapore		220.88	201,619	2,657.68	4,141,750
	Thailand		21,466.78	10,423,683	0.64	432
	Indonesia		119.35	391,059	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	0.00	13
	Hong Kong		0.05	125	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		9.06	135,637	0.08	246
	Total		21,816.12	11,152,123	2,658.40	4,142,441
036 012 00	prawns, fresh, frozen	Tonne				
	Singapore		236.35	209,289	25.75	149,472
	Thailand		814.09	1,440,156	4.03	6,279
	Indonesia		324.87	549,425	—	—
	Japan		0.10	80	1,657.79	31,091,849
	U.S.A.		0.13	3,048	137.87	1,078,891
	U.K.		0.10	7,464	1,838.07	14,511,320
	Hong Kong		—	—	65.83	275,026
	Taiwan		—	—	19.47	30,305
	China		—	—	22.68	176,667
	Others		89.31	662,247	3,751.47	32,076,877
	Total		1,464.95	2,871,709	7,522.96	79,396,686
036 013 00	prawns, salted, in brine, dried or simply boiled	Tonne				
	Singapore		6.34	12,644	73.41	68,994
	Thailand		475.75	450,120	—	—
	Indonesia		279.17	507,969	1.87	8,980
	Japan		0.10	307	237.27	1,003,170
	U.S.A.		0.44	1,330	12.13	140,575
	U.K.		0.20	2,320	0.68	9,742
	Hong Kong		—	—	8.04	6,041
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		3.37	12,236	9.81	45,194
	Total		765.37	986,926	343.21	1,282,696
036 019 00	prawns — other	Tonne				
	Singapore		—	—	8.39	13,655
	Thailand		37.18	11,708	—	—
	Indonesia		6.65	13,296	—	—
	Japan		21.00	220,519	0.80	3,840
	U.S.A.		—	—	—	—
	U.K.		0.34	8,036	0.03	75
	Hong Kong		—	—	0.51	1,633
	Taiwan		—	—	14.98	17,520
	China		—	—	—	—
	Others		18.19	160,309	1.18	6,898
	Total		83.36	413,868	25.89	43,621

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
036 021 00	crustaceans (excl. prawns) — fresh, chilled or frozen	Tonne				
	Singapore		39.58	50,640	90.18	57,382
	Thailand		885.35	492,808	24.70	7,278
	Indonesia		141.21	501,113	—	—
	Japan		2.43	2,772	5.10	40,417
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		1.22	6,203	4.92	7,253
	Taiwan		—	—	0.76	985
	China		—	—	—	—
	Others		88.29	73,413	5.99	12,639
	Total		1,158.08	1,126,949	131.65	125,954
036 028 00	crustaceans (excl. prawns) salted, in brine, dried or simply boiled	Tonne				
	Singapore		3.36	2,009	0.41	1,650
	Thailand		2.40	3,600	—	—
	Indonesia		1.76	5,149	—	—
	Japan		0.05	13,206	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		9.57	18,613	—	—
	Taiwan		0.15	2,886	—	—
	China		—	—	—	—
	Others		3.16	10,275	0.42	766
	Total		20.45	55,738	0.83	2,416
036 029 00	crustaceans (excl. prawns) — others	Tonne				
	Singapore		3.40	2,180	10.86	6,010
	Thailand		87.67	117,712	—	—
	Indonesia		16.14	40,422	—	—
	Japan		—	—	0.02	100
	U.S.A.		—	—	—	—
	U.K.		3.00	45,795	—	—
	Hong Kong		0.32	3,547	—	—
	Taiwan		—	—	0.43	1,980
	China		5.00	48,006	—	—
	Others		2.36	6,642	25.05	65,589
	Total		117.89	264,304	36.36	73,679
036 030 00	oyster	Tonne				
	Singapore		11.41	16,061	35.52	36,058
	Thailand		11.07	14,171	—	—
	Indonesia		2.66	7,063	—	—
	Japan		7.69	57,730	—	—
	U.S.A.		—	—	0.45	3,476
	U.K.		0.10	133	—	—
	Hong Kong		29.86	36,348	—	—
	Taiwan		0.15	250	—	—
	China		0.25	498	—	—
	Others		194.47	520,697	5.12	3,464
	Total		257.66	652,951	41.09	42,998

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
036 041 00	molluscs (excl. oysters) — fresh, chilled, frozen	Tonne				
	Singapore		388.81	220,032	9,149.13	3,127,011
	Thailand		2,810.85	1,305,153	15,278.08	2,757,461
	Indonesia		99.88	83,031	59.26	11,483
	Japan		1.46	13,183	402.40	2,443,626
	U.S.A.		0.22	4,506	12.25	69,875
	U.K.		—	—	0.68	3,890
	Hong Kong		2.89	5,349	110.84	321,984
	Taiwan		16.32	18,980	—	—
	China		—	—	—	—
	Others		653.88	456,199	2,855.55	7,465,680
	Total		3,974.31	2,106,433	27,868.19	16,201,010
036 048 00	molluscs (excl. oysters) — salted, in brine, dried or simply boiled	Tonne				
	Singapore		25.27	31,599	108.29	208,480
	Thailand		188.25	197,950	—	—
	Indonesia		39.65	207,847	—	—
	Japan		35.90	698,494	279.24	1,866,494
	U.S.A.		0.70	2,297	6.80	48,890
	U.K.		—	—	0.00	14
	Hong Kong		311.81	675,486	73.11	306,241
	Taiwan		2.55	12,318	—	—
	China		26.50	206,552	—	—
	Others		482.51	1,270,782	19.93	106,400
	Total		1,113.14	3,303,325	487.37	2,536,519
036 049 00	molluscs (excl. oysters) — other	Tonne				
	Singapore		0.97	1,450	50.39	23,277
	Thailand		10.03	6,140	—	—
	Indonesia		2.89	7,830	—	—
	Japan		25.93	51,275	0.00	6
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		17.98	35,254	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		58.85	84,397	40.63	93,344
	Total		116.65	186,346	91.02	116,627
011 891 00	Beche-de-mer (trepang) fresh, chilled or frozen	Tonne				
	Singapore		—	—	0.40	1,350
	Thailand		—	—	—	—
	Indonesia		23.90	29,314	—	—
	Japan		—	—	—	—
	U.S.A.		0.01	25	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		3.51	47,521	—	—
	Total		27.42	76,860	0.40	1,350

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
012 902 00	Beche-de-mer (trepang) salted, in brine, dried or smoked	Tonne				
	Singapore		12.53	14,406	1.58	1,898
	Thailand		0.75	375	—	—
	Indonesia		309.11	542,583	—	—
	Japan		0.01	23	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		0.01	40	—	—
	China		—	—	—	—
	Others		26.82	37,409	—	—
	Total		349.23	594,836	1.58	1,898
037 111 00	PREPARED OR PRESERVED FISH: (In airtight containers) sardines	Tonne				
	Singapore		4.48	15,262	99.85	134,353
	Thailand		106.88	169,344	72.92	141,515
	Indonesia		—	—	588.04	980,103
	Japan		7,155.11	12,933,242	—	—
	U.S.A.		—	—	0.57	2,698
	U.K.		0.05	282	—	—
	Hong Kong		30.62	93,014	—	—
	Taiwan		—	—	—	—
	China		24.58	59,661	—	—
	Others		26.95	155,078	775.74	1,737,945
	Total		7,348.67	13,425,883	1,537.12	2,996,614
037 112 00	herrings and brislings	Tonne				
	Singapore		0.01	35	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		0.00	26	—	—
	Hong Kong		0.12	619	—	—
	Taiwan		—	—	—	—
	China		37.49	218,479	—	—
	Others		5.14	27,755	2.09	6,499
	Total		42.76	246,914	2.09	6,499
037 113 00	pilchards	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	13.34	144,975
	Hong Kong		—	—	—	—
	Taiwan		—	—	0.05	150
	China		—	—	—	—
	Others		—	—	46.88	214,295
	Total		—	—	60.27	359,420

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
037 114 00	salmon	Tonne				
	Singapore		0.00	4	—	—
	Thailand		4.80	6,720	—	—
	Indonesia		—	—	—	—
	Japan		0.40	1,915	—	—
	U.S.A.		1.70	16,558	—	—
	U.K.		0.73	5,002	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.98	10,613	6.72	38,837
	Total		8.61	40,812	6.72	38,837
037 115 00	sauries	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.01	36	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	13.54	157,424
	Hong Kong		0.11	180	—	—
	Taiwan		—	—	—	—
	China		0.11	700	—	—
	Others		0.01	59	2.97	7,987
	Total		0.24	975	16.51	165,411
037 116 00	tuna	Tonne				
	Singapore		33.79	115,113	57.32	221,408
	Thailand		0.00	41	—	—
	Indonesia		—	—	—	—
	Japan		0.19	531	24.89	180,488
	U.S.A.		0.60	6,700	92.44	663,479
	U.K.		0.61	2,019	128.82	929,802
	Hong Kong		—	—	7.58	48,564
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.06	322	2,889.59	20,393,992
	Total		35.25	124,726	3,200.64	22,437,733
037 117 00	horse mackerels	Tonne				
	Singapore		—	—	44.10	87,717
	Thailand		—	—	87.25	184,713
	Indonesia		—	—	307.41	312,954
	Japan		12,227.51	26,977,147	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		34.07	56,635	—	—
	Others		0.60	3,810	325.38	445,117
	Total		12,262.18	27,037,592	764.14	1,030,501

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
037 119 00	other	Tonne				
	Singapore		2.28	7,033	319.95	749,445
	Thailand		23.03	27,798	0.45	1,710
	Indonesia		—	—	—	—
	Japan		1,114.81	2,180,497	12.94	63,828
	U.S.A.		0.61	3,751	46.28	424,420
	U.K.		4.59	56,968	5.10	45,950
	Hong Kong		1.42	2,708	2.63	20,713
	Taiwan		2.36	4,400	0.05	137
	China		182.47	1,015,449	—	—
	Others		24.38	84,232	1,795.03	4,989,455
	Total		1,355.95	3,382,836	2,182.43	6,295,658
037 191 00	PREPARED OR PRESERVED FISH: (In other than airtight containers) sharks' fins	Tonne				
	Singapore		1.16	13,698	1.26	1,980
	Thailand		—	—	—	—
	Indonesia		4.61	10,190	—	—
	Japan		0.16	1,350	—	—
	U.S.A.		—	—	—	—
	U.K.		0.01	206	—	—
	Hong Kong		0.05	160	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.01	76	—	—
	Total		6.00	25,680	1.26	1,980
037 192 00	fish paste and similar preparations	Tonne				
	Singapore		0.41	1,432	69.38	84,456
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		3.73	8,111	—	—
	U.S.A.		4.97	9,933	—	—
	U.K.		1.39	815	0.00	5
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	12.77	45,099
	Total		10.50	20,291	82.15	129,560
037 193 00	fish, boiled or steamed	Tonne				
	Singapore		—	—	5.15	18,014
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.03	93	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	3.90	20,022
	Total		0.03	93	9.05	38,036

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
037 199 00	other	Tonne				
	Singapore		17.88	20,589	206.26	320,127
	Thailand		12.79	36,526	—	—
	Indonesia		—	—	—	—
	Japan		4.99	10,637	14.00	64,299
	U.S.A.		1.65	21,251	—	—
	U.K.		5.90	74,283	0.00	10
	Hong Kong		0.21	501	1.09	3,212
	Taiwan		0.18	224	—	—
	China		3.81	5,456	—	—
	Others		5.93	101,006	7.44	18,692
	Total		53.34	270,473	228.79	406,340
037 211 00	PREPARED OR PRESERVED CRUSTACEANS AND MOLLUSCS (In airtight containers) abalone	Tonne				
	Singapore		0.08	250	4.49	7,136
	Thailand		0.10	1,100	—	—
	Indonesia		0.08	6,900	0.20	600
	Japan		1.39	21,710	—	—
	U.S.A.		22.33	202,387	—	—
	U.K.		—	—	—	—
	Hong Kong		19.13	74,482	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		196.24	1,908,307	21.20	103,236
	Total		239.35	2,215,136	25.89	110,972
037 212 00	prawns and shrimps	Tonne				
	Singapore		85.23	75,203	169.79	451,322
	Thailand		29.07	44,426	—	—
	Indonesia		—	—	0.12	45
	Japan		1.28	4,067	—	—
	U.S.A.		—	—	24.62	271,207
	U.K.		0.00	4	351.11	2,963,293
	Hong Kong		0.15	200	0.10	400
	Taiwan		—	—	—	—
	China		1.00	1,094	—	—
	Others		0.02	234	786.07	3,792,190
	Total		116.75	125,228	1,331.81	7,478,457
037 213 00	crabs	Tonne				
	Singapore		—	—	59.09	139,908
	Thailand		13.94	20,550	—	—
	Indonesia		0.78	1,809	—	—
	Japan		—	—	—	—
	U.S.A.		0.15	1,226	69.78	449,660
	U.K.		0.10	1,729	80.04	857,614
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	391.31	3,975,406
	Total		14.97	25,314	600.22	5,422,588

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
037 214 00	cuttlefish	Tonne				
	Singapore		7.04	25,540	196.14	604,880
	Thailand		121.14	227,822	—	—
	Indonesia		0.31	806	7.21	5,170
	Japan		0.24	561	—	—
	U.S.A.		—	—	9.39	67,471
	U.K.		—	—	0.34	7,156
	Hong Kong		—	—	0.80	4,560
	Taiwan		3.79	6,396	—	—
	China		27.85	64,990	—	—
	Others		—	—	845.51	2,301,767
	Total		160.37	326,115	1,059.39	2,991,004
037 219 00	other	Tonne				
	Singapore		0.18	1,090	202.63	588,856
	Thailand		12.69	20,296	—	—
	Indonesia		—	—	0.02	22
	Japan		2.18	23,909	—	—
	U.S.A.		—	—	152.11	745,097
	U.K.		—	—	2.08	2,695
	Hong Kong		6.20	10,941	2.92	34,158
	Taiwan		—	—	—	—
	China		6.01	37,259	—	—
	Others		14.28	101,860	1,160.24	3,511,925
	Total		41.54	195,355	1,520.00	4,882,753
037 220 00	(In other than airtight containers):	Tonne				
	Singapore		191.40	800,477	296.61	535,503
	Thailand		1,097.78	1,842,016	—	—
	Indonesia		17.85	42,193	—	—
	Japan		4.03	34,492	25.90	109,499
	U.S.A.		17.34	160,689	261.47	1,901,076
	U.K.		—	—	1,777.27	14,378,994
	Hong Kong		—	—	0.78	10,424
	Taiwan		0.18	286	—	—
	China		11.79	73,929	—	—
	Others		50.20	319,978	4,591.48	37,852,483
	Total		1,390.57	3,274,060	6,953.51	54,787,979
411 110 00	FATS AND OILS, OF FISH AND MARINE MAMMALS	Tonne				
	fish liver oil					
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		0.00	26	—	—
	U.K.		0.72	6,833	0.01	54
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		0.01	45	—	—
	Others		5.21	7,390	0.54	1,282
	Total		5.94	14,294	0.55	1,336

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
411 120 00	other fish oils and fats	Tonne	—	—	—	—
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		165.39	109,790	—	—
	Japan		2.77	4,937	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		168.16	114,727	—	—
411 130 00	oils and fats of marine mammals	Tonne	—	—	—	—
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	0.36	1,080
	Total		—	—	0.36	1,080
081 421 00	FLOURS AND MEALS, OF FISH, CRUSTACEANS OR MOLLUSCS, UNFIT FOR HUMAN CONSUMPTION	Tonne	—	—	—	—
	fish meal		—	—	—	—
	Singapore		201.16	130,631	1,889.91	483,713
	Thailand		29,469.01	14,259,035	—	—
	Indonesia		220.43	131,776	—	—
	Japan		0.01	11	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	3.57	20,784
	Taiwan		0.18	576	—	—
	China		—	—	—	—
	Others		179.24	138,545	0.88	1,498
	Total		30,070.03	14,660,574	1,894.36	505,995
081 422 00	prawn dust	Tonne	—	—	—	—
	Singapore		—	—	255.41	41,555
	Thailand		93.51	10,092	—	—
	Indonesia		12.26	1,262	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		13.26	4,656	72.58	31,799
	Total		119.03	16,010	327.99	73,354

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
081 429 00	other	Tonne				
	Singapore		—	—	8.95	1,343
	Thailand		1.43	599	—	—
	Indonesia		—	—	—	—
	Japan		0.01	2	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		1.60	23,399	—	—
	China		—	—	—	—
	Others		32.14	22,389	0.54	227
	Total		35.18	46,389	9.49	1,570
098 059 20	MISCELLANEOUS	Tonne				
	Soups and broths in liquid, solid or powder form of fish, crustaceans and molluscs					
	Singapore		0.47	2,584	0.50	2,226
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		2.23	9,599	—	—
	U.S.A.		0.07	170	—	—
	U.K.		0.09	342	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.54	4,706	0.23	3,510
	Total		3.40	17,401	0.73	5,736
098 019 20	homogenised composite food preparations of fish, crustaceans and molluscs	Tonne				
	Singapore		68.14	16,742	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.01	181	—	—
	U.S.A.		—	—	—	—
	U.K.		0.10	828	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.01	168	0.25	2,388
	Total		68.26	17,919	0.25	2,388
098 081 00	turtles' eggs	100				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		—	—	—	—

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
291 940 00	fish waste	Tonne				
	Singapore		—	—	1.52	1,209
	Thailand		—	—	21.00	840
	Indonesia		0.02	75	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	0.39	8,248
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.07	1,946	42.74	7,178
	Total		0.09	2,021	65.65	17,475
291 150 00	coral etc. unworked	Tonne				
	Singapore		57.75	12,547	10,477.29	231,285
	Thailand		162.13	113,862	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		22.50	11,678	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	0.06	590
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.37	4,206	—	—
	Total		242.75	142,293	10,477.35	231,875
291 970 00	natural sponges	Tonne				
	Singapore		0.06	261	—	—
	Thailand		0.40	1,996	—	—
	Indonesia		—	—	—	—
	Japan		0.25	1,720	—	—
	U.S.A.		0.06	303	—	—
	U.K.		0.01	50	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		0.00	12	0.15	1,353
	Total		0.78	4,342	0.15	1,353
291 991 00	other products of fish, crustaceans and molluscs	Tonne				
	Singapore		0.01	21	0.39	703
	Thailand		0.80	240	—	—
	Indonesia		1.57	3,862	—	—
	Japan		—	—	—	—
	U.S.A.		0.01	1,098	—	—
	U.K.		—	—	1.36	7,777
	Hong Kong		—	—	—	—
	Taiwan		0.26	730	—	—
	China		—	—	—	—
	Others		8.27	21,805	1.36	10,583
	Total		10.92	27,756	3.11	19,063

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
098 049 10	belachan	Tonne				
	Singapore		0.62	444	701.70	541,243
	Thailand		—	—	7,839.28	1,695,394
	Indonesia		68.94	14,234	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	0.50	2,450
	U.K.		0.00	6	9.39	1,489
	Hong Kong		—	—	85.66	123,531
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	232.97	401,754
	Total		69.56	14,684	8,869.50	2,765,861
271 101 00	crude fish fertilizers	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		—	—	—	—
592 234 00	fish glues	Tonne				
	Singapore		—	—	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	0.03	140
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	0.22	940
	Total		—	—	0.25	1,080
667 101 00	pearls (not set or strung) — cultured	Value				
	Singapore		0.00	208,095	—	—
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.00	74,884	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		—	—	—	—
	Taiwan		—	—	—	—
	China		0.00	13,912	—	—
	Others		0.00	11,610	0.00	11,857
	Total		0.00	308,501	0.00	11,857

Commodity Code S.I.T.C.	Description of Commodity and Country	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
667 109 00	pearls (not set or strung) — other	Value				
	Singapore		0.00	55,123	0.00	687
	Thailand		—	—	—	—
	Indonesia		—	—	—	—
	Japan		0.00	10,808	—	—
	U.S.A.		0.00	25,760	—	—
	U.K.		—	—	—	—
	Hong Kong		0.00	23,502	—	—
	Taiwan		—	—	—	—
	China		—	—	—	—
	Others		—	—	—	—
	Total		0.00	115,193	0.00	687
292 981 00	sea-weed products	Tonne				
	Singapore		0.04	41	4.31	2,715
	Thailand		60.00	100	2.40	1,200
	Indonesia		3.01	4,619	—	—
	Japan		11.48	37,124	—	—
	U.S.A.		—	—	—	—
	U.K.		2.00	26,990	—	—
	Hong Kong		2.06	1,856	—	—
	Taiwan		12.38	19,406	—	—
	China		3.18	24,716	—	—
	Others		33.89	48,913	3.10	2,372
	Total		128.04	163,765	9.81	6,287
292 922 00	sea-grass	Tonne				
	Singapore		—	—	—	—
	Thailand		1.13	540	—	—
	Indonesia		1.24	862	—	—
	Japan		—	—	—	—
	U.S.A.		—	—	—	—
	U.K.		—	—	—	—
	Hong Kong		9.03	3,538	—	—
	Taiwan		45.60	19,552	—	—
	China		81.66	61,144	—	—
	Others		—	—	—	—
	Total		138.66	85,636	—	—
	GRAND TOTAL		139,819.46	130,218,222	115,206.11	243,362,980

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

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

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

Jadual (Table) 4.2

Country	1976		1977		1978		1979		1980	
	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Singapore	2,529	2,277,215	3,369	3,739,239	4,192	3,941,749	4,543	4,780,567	2,966	3,970,512
Thailand	86,610	45,911,929	93,049	49,909,081	116,269	62,485,640	136,416	73,794,973	107,476	62,160,171
Indonesia	1,849	3,095,925	1,706	3,027,565	11,068	3,776,533	2,425	4,048,851	3,628	5,804,822
Japan	14,838	19,959,538	12,823	26,133,920	12,715	27,741,959	8,965	35,316,838	20,943	44,795,589
U.S.A.	64	274,639	227	461,817	46	538,921	214	648,110	80	553,562
U.K.	71	346,770	355	294,600	87	585,282	32	350,081	25	307,353
Hong Kong	204	952,546	233	644,132	285	781,515	325	821,244	471	1,188,740
Taiwan	1,776	3,227,104	1,644	2,438,702	1,929	1,982,260	888	1,134,395	266	435,079
China	2,297	2,168,253	658	1,199,723	400	1,114,229	652	1,843,244	457	1,910,044
Others	5,647	9,291,425	4,572	7,388,809	2,973	6,820,537	3,896	8,498,092	3,507	9,092,350
Jumlah (Total)	115,885	87,505,344	118,636	95,237,588	149,964	109,768,625	158,356	131,236,395	139,819	130,218,222

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

Jadual (Table) 4.3

Country	1976		1977		1978		1979		1980	
	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Singapore	49,080	36,097,298	71,343	45,575,404	56,966	37,968,224	56,695	35,838,377	58,792	33,752,101
Thailand	16,442	2,005,216	13,596	2,068,052	18,686	3,612,317	25,352	4,908,622	25,275	5,890,954
Indonesia	215	178,704	254	219,816	266	142,862	332	372,005	1,040	1,366,940
Japan	10,453	75,899,333	3,747	32,243,679	24,318	48,182,730	12,164	114,809,780	2,914	38,301,621
U.S.A.	7,128	15,364,733	2,184	8,256,392	1,691	7,194,942	866	5,271,054	924	6,312,689
U.K.	4,528	28,979,314	5,221	22,667,569	4,578	32,262,608	4,109	28,225,482	4,223	34,027,327
Hong Kong	2,603	1,501,248	339	754,644	455	1,126,632	488	1,478,704	421	1,370,114
Taiwan	48	53,707	14	15,352	115	552,437	61	224,488	58	78,254
China	—	—	—	—	—	—	—	—	23	195,855
Others	18,552	77,986,755	11,334	47,896,707	17,037	69,112,105	25,496	118,881,574	21,536	122,067,125
Jumlah (Total)	109,049	238,066,308	108,032	159,697,615	124,112	200,154,857	125,563	310,010,086	115,206	243,362,980

Perikanan Airtawar
SEMANANJUNG MALAYSIA

Freshwater Fisheries
Peninsular Malaysia

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
BILANGAN KOLAM IKAN DAN BEKAS LOMBONG AIRTAWAR YANG DIUSAHAKAN DAN BILANGAN
PENTERNAK IKAN, 1980
 (Number of Freshwater Fish Ponds and Mining Pools under Culture and Number of
 Fish Culturists, 1980)

Jadual (Table) 5.1

Negeri (State)	Kolam Ikan yang Diusahakan (Fish Ponds under Culture)		Bekas Lombong yang Diusahakan (Mining Pools under Culture)		Jumlah (Total)		Bilangan Penternak Ikan (Number of Fish Culturists)				Jumlah (Total)
	Bilangan (Number)	Ekar (Acreage)	Bilangan (Number)	Ekar (Acreage)	Bilangan (Number)	Ekar (Acreage)	Melayu (Malay)	Cina (Chinese)	India (Indian)	Lain-Lain (Others)	
Perlis	91	41.75	3	4.24	94	45.99	64	3	—	9	76
Kedah	430	258.90	22	77.10	452	336.00	261	21	1	22	305
Pulau Pinang	154	49.60	2	3.86	156	53.46	29	35	5	22	91
Perak	3,245	1,101.09	1,787	7,210.30	5,032	8,311.39	1,969	1,331	132	49	3,481
Selangor	861	347.56	221	621.10	1,082	968.66	358	220	42	102	722
N. Sembilan	2,711	855.83	217	289.23	2,928	1,145.06	1,757	325	12	18	2,112
Melaka	663	272.55	4	10.00	667	282.55	396	98	6	5	505
Johor	1,408	521.84	23	57.41	1,431	579.25	358	303	1	15	677
Pahang	1,488	674.89	38	76.32	1,526	751.21	1,001	147	9	30	1,187
Trengganu	473	170.26	12	17.77	485	188.03	391	8	—	—	399
Kelantan	587	211.99	19	21.58	606	233.57	459	15	1	3	478
Jumlah (Total)	12,111	4,506.26	2,348	8,388.91	14,459	12,895.17	7,043	2,506	209	275	10,033

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ANGGARAN PENGELUARAN HASIL IKAN AIRTAWAR DARI KOLAM DAN BEKAS LOMBONG
MENGIKUT JENIS IKAN DAN NEGERI, 1980.
(Estimated Production of Freshwater Fish from Fish Ponds and Mining Pools
by Type of Fish and State, 1980)

Jadual (Table) 5.2

Negeri (State)	Jenis Ikan (Type of Fish)					Jumlah (Total)	
	Lampam Jawa (Local Carp)	Lee Koh (Common Carp)	Kap Rumput (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Pelbagai* (Miscellaneous)	Pikul (Piculs)	Metrik Ton (M. Tonnes)
Perlis	122.33	81.40	105.32	95.66	95.66	500.37	30.27
Kedah	1,989.12	772.80	443.52	—	1,370.88	4,576.32	276.85
Pulau Pinang	22.45	5.35	12.30	9.09	3.74	52.93	3.20
Perak	15,708.53	748.03	59,177.10	16,124.10	5,153.06	96,910.82	5,862.72
Selangor	1,462.68	261.54	3,942.45	2,876.92	329.34	8,872.93	536.78
N. Sembilan	2,759.59	1,374.07	2,542.03	3,767.25	526.73	10,969.67	663.62
Melaka	700.72	774.19	59.34	53.68	—	1,587.93	96.07
Johor	—	28.96	2,091.09	446.02	370.72	2,936.79	177.66
Pahang	2,494.02	1,284.57	277.95	60.10	217.85	4,334.49	262.22
Trengganu	464.43	366.66	75.21	169.23	30.09	1,105.62	66.89
Kelantan	1,074.42	1,207.56	752.10	843.19	—	3,877.27	234.56
Jumlah (Total)	26,798.29	6,905.13	69,478.41	24,445.24	8,098.07	135,725.14	8,210.84

* Termasuk (Includes) Kap Perak, Tilapia, Sepat Siam, Haruan, Udang Galah, Keli dan Jelawat.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI BORONG PENGELUARAN HASIL IKAN AIRTAWAR DARI KOLAM DAN BEKAS
LOMBONG MENGIKUT JENIS IKAN DAN NEGERI, 1980
(Wholesale Value of Freshwater Fish Production from Fish Ponds and
Mining Pools by Type of Fish and State, 1980)

Jadual (Table) 5.3

Negeri (State)	Jenis Ikan (Type of Fish) M.\$					Jumlah (Total) M. \$
	Lampam Jawa (Local Carp)	Lee Koh (Common Carp)	Kap Rumbut (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Pelbagai* (Miscellaneous)	
Perlis	16,392	11,315	18,010	11,479	13,010	70,206
Kedah	266,542	107,419	75,842	—	123,695	573,498
Pulau Pinang	3,008	744	2,103	1,091	3,542	10,488
Perak	2,104,943	103,976	10,119,284	1,934,892	1,774,308	16,037,403
Selangor	195,999	36,354	674,159	345,230	20,090	1,271,832
N. Sembilan	369,785	190,996	434,687	452,070	164,830	1,612,368
Melaka	93,896	107,612	10,147	6,442	—	218,097
Johor	—	4,025	357,577	53,522	22,944	438,068
Pahang	334,199	178,555	47,529	7,212	23,767	591,262
Trengganu	62,234	50,966	12,861	20,308	3,401	149,770
Kelantan	143,972	167,851	128,609	101,182	—	541,614
Jumlah (Total)	3,590,970	959,813	11,880,808	2,933,428	2,149,587	21,514,606

*Termasuk (includes) Kap Perak, Tilapia, Sepat Siam, Haruan, Udang Galah, Keli dan Jelawat.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI RUNCIT PENGELUARAN HASIL IKAN AIRTAWAR DARI KOLAM DAN BEKAS LOMBONG
MENGIKUT JENIS IKAN DAN NEGERI, 1980
(Retail Value of Freshwater Fish Production from Fish Ponds and Mining
Pools by Type of Fish and State, 1980)

Jadual (Table) 5.4

Negeri (State)	Jenis Ikan (Type of Fish) M.\$					Jumlah (Total) M.\$
	Lampam Jawa (Local Carp)	Lee Koh (Common Carp)	Kap Rumbut (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Pelbagai * (Miscellaneous)	
Perlis	23,487	15,628	23,275	17,505	14,062	93,957
Kedah	381,911	148,377	98,017	—	188,550	816,855
Pulau Pinang	4,310	1,027	2,718	1,663	3,684	13,402
Perak	3,016,037	143,621	13,078,139	2,950,710	1,997,717	21,186,224
Selangor	280,834	50,215	871,281	526,476	35,239	1,764,045
N. Sembilan	529,841	263,821	561,788	689,406	195,345	2,240,201
Melaka	134,538	148,644	13,114	9,823	—	306,119
Johor	—	5,560	462,130	81,621	31,083	580,394
Pahang	478,851	246,637	61,426	10,998	32,255	830,167
Trengganu	89,170	70,398	16,621	30,969	4,505	211,663
Kelantan	206,288	231,851	166,214	154,303	—	758,656
Jumlah (Total)	5,145,267	1,325,779	15,354,723	4,473,474	2,502,440	28,801,683

* Termasuk (includes) Kap Perak, Tilapia, Sepat Siam, Haruan, Udang Galah, Keli dan Jelawat.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENGELUARAN BENIH IKAN AIRTAWAR OLEH PUSAT-PUSAT PENGELUARAN, 1980
(Freshwater Fish Fry Production by Station, 1980)

Jadual (Table) 5.5

PUNCA (SOURCES)	Jenis Benih Ikan (Species of Fish Fry)												JUMLAH (TOTAL)
	Lampam Jawa	Lee Koh	Sepat Siam	Tilapia	Udang Galah	Temakang	Kap Rumbut (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Cap Cermin (Mirror Carp)	Kalui	Jelawat	Cik Bua	
Institusi Penyelidikan Perikanan, P. Pinang (Fisheries Research Institute, Penang)	—	—	—	—	787,959	—	—	—	—	—	—	—	787,959
Pusat Pembaikbiak Ikan (Fish Breeding Station), Jitra, Kedah	770,066	201,590	38,153	79,348	—	—	—	—	—	—	—	—	1,089,157
Pusat Pembaikbiak Ikan (Fish Breeding Station), Enggor, Perak	385,302	4,133	49,875	30	—	—	—	—	—	—	—	—	439,340
Pusat Pembaikbiak Ikan (Fish Breeding Station), Tapah, Perak	432,814	22,255	258,900	—	—	9,000	—	—	—	490	—	—	723,459
Pusat Pembaikbiak Ikan (Fish Breeding Station), Machang, Kelantan.	103,555	427,714	—	400	49,000*	—	38,687	31,235	—	—	—	—	650,591
Pusat Pembaikbiak Ikan (Fish Breeding Station), Bukit Tinggi	467,084	187,862	8	4	21*	9	—	—	2	—	2	—	654,992
Pusat Pecubaan Menternak Ikan, (Fish Culture Experimental Station), Cameron Highland	7,725	70,546	—	—	—	—	—	—	60	—	—	1,200	79,531
Subsidi (Subsidies)	—	—	—	—	—	—	46,564	30,731	—	—	—	—	77,295
Jumlah (Total)	2,166,546	914,100	346,936	79,782	836,980	9,009	85,251	61,966	62	490	2	1,200	4,502,324

* Supplied by Fisheries Research Institute, Penang.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PEMBAHAGIAN BENIH-BENIH IKAN AIR TAWAR, 1980

(Distribution of Freshwater Fish Fry, 1980)

Jadual (Table) 5.6

Negeri (State)	Kepada Penternak (To Farmers)								
	Lampam Jawa	Lee Koh (Common Carp)	Sepat Siam	Kap Rumput (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Kalui	Tilapia	Udang Galah	Jumlah (Total)
Perlis	24,510	13,440	4,125	—	—	—	6,445	—	48,520
Kedah	133,346	69,107	23,598	3,300	5,500	—	28,133	—	262,984
Pulau Pinang	13,540	7,190	—	400	250	—	2,910	—	24,290
Perak	374,816	19,591	148,815	27,309	5,686	70	30	—	576,317
Selangor	97,420	25,270	12,980	—	—	—	—	—	135,670
Negeri Sembilan	283,714	106,470	—	10,686	14,497	—	—	—	415,367
Melaka	158,580	44,145	—	200	120	—	—	—	203,045
Johor	29,140	14,110	—	—	—	—	1,000	—	44,250
Pahang	138,960	36,638	—	—	—	—	—	—	175,598
Trengganu	74,982	81,623	—	2,010	1,603	—	200	—	160,418
Kelantan	110,875	68,949	—	40,756	33,760	—	200	49,000	303,540
Wilayah (Federal Territory)	1,650	70	5	—	—	—	—	—	1,725
Jumlah (Total)	1,441,533	486,603	189,523	84,661	61,416	70	38,918	49,000	2,351,724

Sambungan (Continued)

Negeri (State)	Pelepasan kedalam Perairan Umum (Stocking in open and impounded water)								Kegunaan Pelbagai (Research and Miscellaneous Purpose)										Jumlah Besar (Grand Total)	
	Lampam Jawa	Lee Koh (Common Carp)	Sepat Siam	Kalui	Tilapia	Temakang	Cik Bua	Jumlah (Total)	Lampam Jawa	Lee Koh (Common Carp)	Sepat Siam	Kap Rumpit (Grass Carp)	Kap Kepala Besar (Big Head Carp)	Tilapia	Kap Cermin (Mirror Carp)	Temakang	Jelawat	Udang Galah		Jumlah (Total)
Perlis	50,000	5,000	-	-	5,000	-	-	60,000	-	-	-	-	-	-	-	-	-	-	-	108,520
Kedah	234,000	91,000	-	-	32,600	-	-	357,600	2,540	1,420	430	-	-	1,010	-	-	-	-	5,400	625,984
P. Pinang	-	-	-	-	-	-	-	-	1,600	100	-	-	-	1,250	-	-	-	-	2,950	27,240
Perak	42,000	10,000	56,500	420	-	9,000	-	117,920	99,050	8,645	56,480	-	-	-	60	-	-	-	164,235	858,472
Selangor	-	-	32,000	-	-	-	-	32,000	6,100	5,150	-	-	-	-	-	-	-	-	11,250	178,920
N. Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415,367
Melaka	-	-	-	-	-	-	-	-	68,005	1	3	-	-	-	-	-	-	-	68,009	271,054
Johor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44,250
Pahang	-	-	-	-	-	-	1,200	1,200	8,468	119,278	2,000	-	-	4	2	9	2	21	129,784	306,582
Trengganu	550	625	-	-	-	-	-	1,175	50,000	91,400	-	-	-	-	-	-	-	-	141,400	302,993
Kelantan	-	91,535	-	-	-	-	-	91,535	162,700	3,343	10,000	590	550	1,000	-	-	-	-	178,183	573,258
Wilayah (Federal Territory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,725
Jumlah (Total)	326,550	198,160	88,500	420	37,600	9,000	1,200	661,430	398,463	229,337	68,913	590	550	3,264	62	9	2	21	701,211	3,714,365

* Excluding 787,959 Udang Galah from Fisheries Research Institute, Penang.

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENJUALAN IKAN AIRTAWAR DIPASAR-PASAR UTAMA MENGIKUT NEGERI
DAN JENIS IKAN, 1980

(Sales of Freshwater Fish at Major Markets by State and Type
of Fish, 1980)

Jadual (Table) 5.7

Jenis Ikan (Type of Fish)		Perlis	Kedah	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Trengganu	Kelantan	Jumlah Pikul (Total Piculs)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)											
Baung	<i>Mystus nemurus</i>	—	—	82.20	—	7.90	—	225.00	7.67	0.35	0.15	323.27
Belidah	<i>Notopetrus chiltala</i>	—	—	158.00	—	—	—	110.00	3.75	—	0.10	271.85
Bujuk	<i>Chana sp.</i>	—	—	9.00	—	—	—	—	—	—	—	9.00
Cik Bua	—	—	—	—	—	—	—	—	0.36	—	—	0.36
Gerahak	<i>Belodontichthys dinema</i>	—	—	—	—	—	—	—	0.15	—	—	0.15
Haruan	<i>Chana striatus</i>	—	0.50	1,261.80	11.15	27.50	0.90	40.00	19.01	0.13	2.87	1,363.86
Jelawat	<i>Leptobrabus hoeveni</i>	—	—	—	—	—	—	58.00	3.19	—	—	61.19
Jenahak	Lutianidae	—	—	—	—	—	—	—	—	—	—	—
Jenkua	<i>Morulus</i>	—	—	—	—	—	—	—	0.17	—	—	0.17
Kalui	<i>Osphronemus goramy</i>	—	—	3.00	—	1.80	—	—	2.51	—	—	7.31
Kap Rumpit	<i>Ctenopharyngodon idollus</i>	—	—	1,024.70	1,188.50	444.62	123.90	190.00	66.64	0.50	10.95	3,049.81
Kap Lumpur	<i>Cirrhina molitorella</i>	—	—	10.50	—	—	—	—	—	—	—	10.50
Kap Perak	<i>Hypophthalmichthys molitrix</i>	—	—	—	—	—	—	—	10.80	—	—	10.80
Kap Cermin	—	—	—	—	—	—	—	—	0.30	—	—	0.30
Kap Kepala Besar	<i>Aristichthys nobilis</i>	—	—	929.50	953.50	638.83	56.50	225.00	13.24	1.20	6.27	2,824.04
Kelah	<i>Tor tambroides</i>	—	—	—	—	—	—	—	4.52	—	3.65	8.17
Keli	<i>Clarias batrachus</i>	—	0.50	1,499.70	27.30	203.50	—	60.00	79.63	5.00	2.58	1,878.21
Ketutu	<i>Oxyeleotris marmoratus</i>	—	—	239.80	—	23.10	—	—	0.08	—	0.08	263.06
Kerai Kunyit	<i>Puntius daruphani</i>	—	—	—	—	—	—	—	7.83	—	—	7.83
Kerai Puteh	—	—	—	—	—	—	—	—	12.96	—	—	12.96
Kenerak	—	—	—	—	—	—	—	—	0.40	—	—	0.40
Kelisa	<i>Scheropages formosus</i>	—	—	—	—	—	—	—	—	—	—	—
Ketam Nipah	—	—	—	—	—	—	—	—	—	35.50	—	35.50
Kerinting	—	—	—	—	—	—	—	—	—	—	1.70	1.70
Lais	<i>Kryptopterus cryptopterus</i>	—	—	—	—	—	—	165.00	—	—	—	165.00

Jenis Ikan (Type of Fish)		Perlis	Kedah	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Trengganu	Kelantan	Jumlah Pikul (Total Piculs)
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)											
Lampam Jawa	Puntius gonionotus	—	9.00	822.70	46.55	190.20	90.80	145.00	56.21	15.00	6.20	1,381.66
Lampam Sungei	Puntius schwarefeldii	—	—	226.90	—	21.40	0.40	145.00	14.15	—	3.46	411.31
Lawang	Pangesius micronemus	—	—	—	—	—	—	—	0.89	—	—	0.89
Lomah	Thynnichthys thynnoides	—	—	4.00	—	—	—	—	—	—	—	4.00
Lee Koh	Cyprinus carpio	—	3.50	387.50	13.50	129.41	42.00	25.00	37.26	2.00	2.82	642.99
Lambat	Clarias nieuhofii C.V.	—	—	0.60	—	—	—	45.00	—	—	—	45.60
Lambak	—	—	—	—	—	—	—	—	—	—	—	—
Patin	Pangasius pangasius	—	—	—	—	—	—	60.00	35.88	—	0.30	96.18
Patin Perak	—	—	—	—	—	—	—	—	8.11	—	—	8.11
Patin Muncong	—	—	—	—	—	—	—	45.00	3.52	—	—	48.52
Patin Pahang	—	—	—	—	—	—	—	—	5.60	—	—	5.60
Puyu	Anabas testudineus	—	—	87.00	0.40	—	—	—	—	2.00	0.73	90.13
Putih/Seluang	Puntius binotatus	—	—	—	2.05	—	—	135.00	—	—	—	137.05
Pucuk Pisang	—	—	—	56.00	—	—	—	—	—	—	—	56.00
Patong	Pristolepis fasciatus	—	—	—	—	—	—	—	—	—	0.18	0.18
Sebarau	Hampala macrolepidota V. Hasselt	—	—	93.40	—	—	—	50.00	2.25	—	—	145.65
Sepat Siam	Trichogaster pectoralis	2.00	4.20	615.80	5.60	54.40	—	—	5.15	—	—	687.15
Sepat Biasa/Padi	Trichogaster trichopeterus	—	—	213.00	—	—	—	—	—	—	—	213.00
Tapah	Wallogo Attu (Bl. Scha)	—	—	4.40	0.40	—	—	115.00	7.76	—	—	127.56
Temakang	Helastoma temmincki	—	—	20.57	—	—	—	45.00	—	1.50	—	67.07
Temoleh	Probarbus julieni sauvage	—	—	—	—	—	—	—	0.20	—	—	0.20
Tenggelen	Puntius bulu	—	—	1.80	—	—	—	—	6.14	—	0.57	8.51
Terubol	Osteo chilus hasselti	—	—	314.70	0.65	—	—	—	8.17	0.17	0.30	323.99
Tilapia	Tilapia mossambica	—	3.50	1,066.80	0.50	—	—	—	25.56	—	—	1,096.36
Toman	Chana micropeltes C.V.	—	—	35.90	—	—	—	—	1.13	—	0.08	37.11
Tengas	Acrossocheilus hexagonolepis	—	—	—	—	—	—	—	—	—	—	—
Tongsan	—	—	—	—	—	—	—	—	32.80	—	—	32.80
Temperas	Cyclocheilichthys apogon C.V.	—	—	—	—	—	—	—	1.05	—	—	1.05
Udang Galah	Macro brachium rosemergi	—	—	278.10	—	—	—	251.00	0.51	2.60	2.59	534.80
Udang Sungei	—	—	—	—	—	—	—	—	—	1.50	—	1.50
Pelbagai	Miscellaneous	—	2.00	186.00	19.45	—	—	105.98	0.10	—	9.33	322.86
JUMLAH (TOTAL)	Pikul (Piculs)	2.00	23.20	9,633.37	2,269.55	1,742.66	314.50	2,239.98	485.65	67.45	54.91	16,833.27
	M.Ton (M.Tonnes)	0.12	1.40	582.78	137.30	105.43	19.03	135.51	29.38	4.08	3.32	1,018.35

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA BORONG IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
BULAN, 1980

(Wholesale Prices of Freshwater Fishes at Major Markets by
Month, 1980)

(M \$/Kati)

Jadual (Table) 5.8

Jenis Ikan (Type of Fish)		Jan.	Feb.	Mac	Apr.	Mei	Jun	Julai	Ogos	Sept.	Okt.	Nov.	Dis.	Purata
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)	(Jan.)	(Feb.)	(Mar.)	(Apr.)	(May)	(June)	(July)	(Aug.)	(Sept.)	(Oct.)	(Nov.)	(Dec.)	(Average)
Baung	Mystus nemurus	1.12	2.20	1.80	1.60	—	1.00	1.40	1.70	2.40	—	2.80	2.67	1.87
Belidah	Notopetrus chiltala	1.00	1.00	0.83	0.75	0.75	0.80	0.85	—	1.05	0.80	3.88	2.03	1.25
Bujuk	Chana sp.	0.70	—	—	—	—	—	1.20	1.40	—	1.20	—	—	1.13
Cik Bua	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gerahak	Belodontichthys dinema	—	—	—	—	—	—	—	—	—	—	—	—	—
Haruan	Chana striatus	1.52	1.40	1.38	1.35	1.53	1.40	1.40	1.40	1.43	1.40	1.90	1.75	1.49
Jelawat	Leptobrachus hoeveni	—	—	—	—	—	—	—	—	—	—	30.50	17.00	23.75
Jenahak	Lutianidae	—	—	—	—	—	—	—	—	—	—	—	—	—
Jenkua	Morulus	—	—	—	—	—	—	—	—	—	—	2.50	—	2.50
Kalui	Osphronamus goramy	0.80	—	—	1.00	—	—	—	—	—	—	1.00	2.00	1.20
Kap Rumput	Ctenopharyngodon idollus	1.49	1.73	1.55	1.50	1.50	1.57	1.63	1.78	1.98	1.90	2.03	1.87	1.71
Kap Perak	Hypophthalmichthys molitrix	—	—	—	—	—	—	—	—	—	—	—	—	—
Kap Cermin	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kap Kepala Besar	Aristichthys nobilis	0.93	1.30	1.18	1.10	1.03	1.16	1.10	1.03	1.23	1.17	1.64	1.62	1.21
Kelah	Tor tambroides	—	—	—	—	—	—	—	—	—	—	9.00	7.00	8.00
Keli	Clarias batrachus	1.41	1.15	1.10	1.10	1.30	1.18	1.23	1.18	1.23	1.25	1.79	1.50	1.29
Ketutu	Oxyeleotris marmoratus	8.13	8.13	8.13	8.00	8.50	8.00	8.25	8.75	8.25	10.25	6.83	8.75	8.33
Kerai Kunyit	Puntius daruphani	—	—	—	—	—	—	—	—	—	—	8.00	8.00	8.00
Kerai Putih	—	—	—	—	—	—	—	—	—	—	—	7.07	7.06	7.07
Kenerak	—	—	—	—	—	—	—	—	—	—	—	3.40	—	3.40
Kelasa	Scheropages formosus	80.00	—	—	—	—	—	—	—	—	—	—	—	80.00
Ketam Nipah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerinting	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lais	Kryptopterus cryptopterus	—	—	—	—	—	—	—	—	—	—	—	1.75	1.75
Lampam Jawa	Puntius gonionotus	1.22	1.28	1.15	1.15	1.23	1.32	1.10	1.38	1.27	1.30	2.03	1.76	1.35

Sambungan (Continued)

Jenis Ikan (Type of Fish)		Jan.	Feb.	Mac	Apr.	Mei	Jun	Julai	Ogos	Sept.	Okt.	Nov.	Dis.	Purata
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)	(Jan.)	(Feb.)	(Mar.)	(Apr.)	(May)	(June)	(July)	(Aug.)	(Sept.)	(Oct.)	(Nov.)	(Dec.)	(Average)
Lampam Sungei	Puntius schwarefeldii	0.90	0.80	0.70	0.65	0.90	0.90	1.10	1.00	1.40	1.30	1.95	2.35	1.16
Lawang	Pangasius micronemus	—	—	—	—	—	—	—	—	—	—	7.00	7.00	7.00
Lomah	Thynnichthys thynnoides	—	—	—	—	—	—	—	—	—	—	1.30	1.30	1.30
Lee Koh	Cyprinus carpio	1.37	1.28	1.05	1.33	1.35	1.45	1.23	1.35	1.34	1.28	2.08	1.65	1.40
Limbak	Clarias nieuhofi C.V.	0.80	—	—	—	—	—	—	—	—	—	—	1.50	1.15
Lambak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Patin	Pangasius pangasius	—	—	—	—	—	—	—	—	—	—	—	1.45	1.45
Patin Perak	—	—	—	—	—	—	—	—	—	—	—	3.00	2.30	2.65
Patin Muncong	—	—	—	—	—	—	—	—	—	—	—	11.00	11.00	11.00
Patin Pahang	—	—	—	—	—	—	—	—	—	—	—	9.50	6.40	7.95
Puyu	Anabas testudineus	0.90	0.80	0.80	0.80	0.70	0.90	0.80	0.80	1.00	1.00	1.20	1.20	0.91
Putih/Seluang	Puntius binotatus	—	—	—	—	—	—	—	—	—	—	1.60	—	1.60
Pucuk Pisang	—	0.70	—	—	—	—	—	—	—	—	—	—	—	0.70
Patong	Pristolepis fasciatus	—	—	—	—	—	—	—	—	—	—	—	—	—
Sebarau	Hampala macrolepidota V. Hasselt	0.70	—	—	—	1.20	—	—	—	—	—	3.00	2.80	1.93
Sepat Siam	Trichogaster pectoralis	1.14	0.78	0.90	1.10	1.33	0.85	0.95	0.94	0.93	1.25	1.49	1.36	1.09
Sepat Biasa/Padi	Trichogaster trichopeterus	1.10	1.00	1.00	1.00	0.90	1.20	1.00	1.00	1.20	1.20	1.50	—	1.10
Tapah	Walloga Attu (Bl. Scha)	1.77	—	—	—	1.00	—	—	—	1.20	—	4.00	2.80	2.15
Temakang	Helastoma temmincki	1.20	—	—	1.00	1.00	1.00	0.80	1.20	1.00	1.00	1.00	1.40	1.06
Temoleh	Probarbus julieni sauvage	—	—	—	—	—	—	—	—	—	—	2.40	2.50	2.45
Tenggelen	Puntius bulu	—	—	—	—	—	—	—	—	—	—	2.90	2.90	2.90
Terubol	Osteo chilus hasselti	0.65	0.60	0.55	0.80	0.60	0.70	0.75	0.80	0.78	0.70	1.83	0.75	0.78
Tilapia	Tilapia mossambica	0.60	0.55	0.65	0.55	0.70	0.60	0.60	—	0.78	0.60	0.58	0.60	0.62
Toman	Chana micropeltes C.V.	1.10	0.50	—	—	—	—	—	—	—	1.00	1.75	2.00	1.27
Tengas	Acrossocheilus hexagonolepis	—	—	—	—	—	—	—	—	—	—	—	—	—
Tongsan	—	—	—	—	—	—	—	—	—	—	—	—	1.80	1.80
Temperas	Cyclocheilichthys apogon C.V.	—	—	—	—	—	—	—	—	—	—	2.00	2.00	2.00
Udang Galah	Macrobrachium rosenbergi	8.75	8.50	8.70	9.00	9.50	8.25	10.50	10.00	10.25	12.00	9.63	8.58	9.47
Udang Sungei	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pelbagai	Miscellaneous	—	—	0.50	0.50	—	0.80	0.50	—	—	0.50	—	0.95	0.63
Kap Lumpur	Cirrhitina molitorella	—	—	—	—	—	—	1.80	—	—	—	—	—	1.80

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
HARGA RUNCIT IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
BULAN, 1980

(Retail Prices of Freshwater Fishes at Major Markets by
Month, 1980)

(M. \$/Keti)

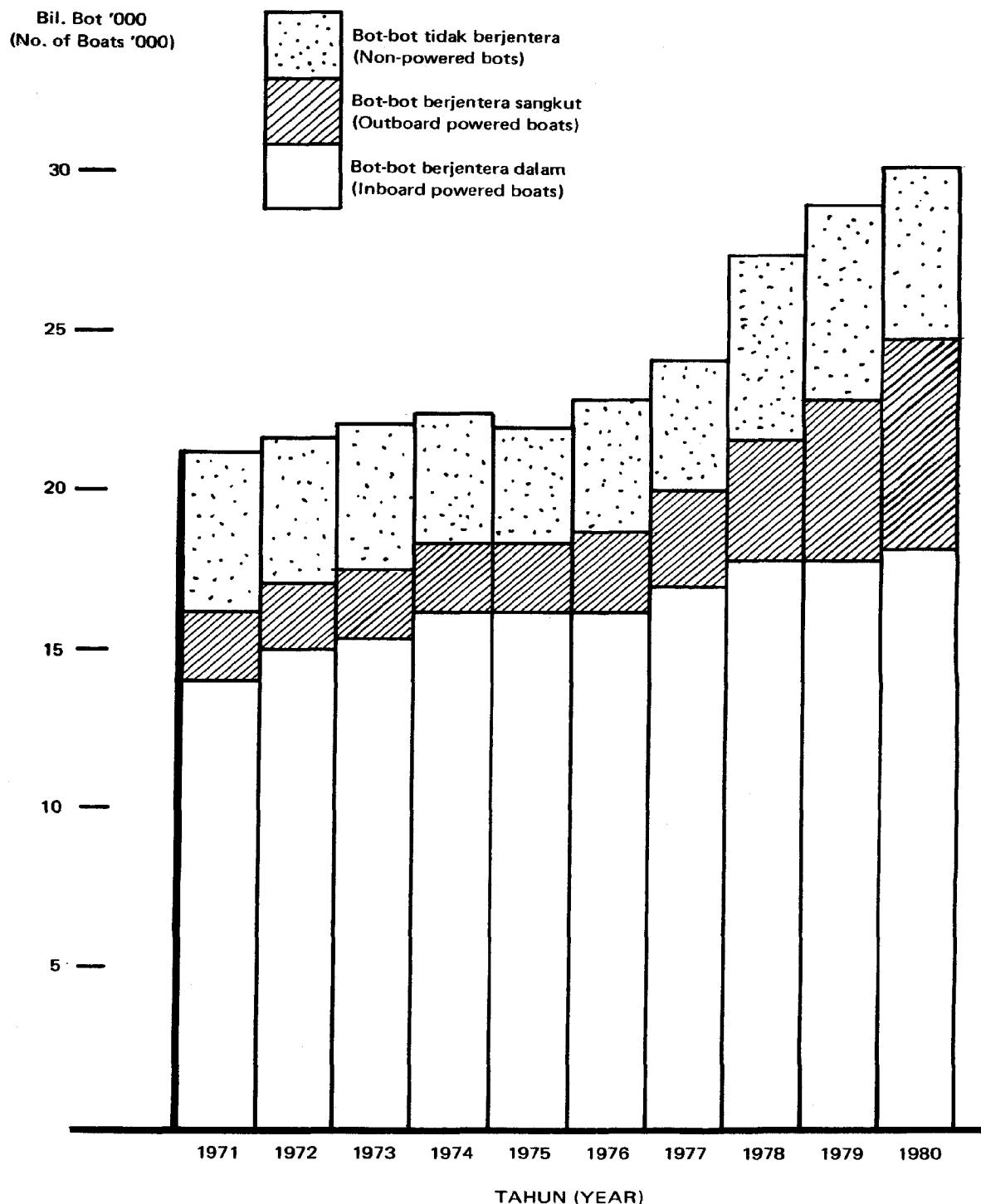
Jadual (Table) 5.9

Jenis Ikan (Type of Fish)		Jan.	Feb.	Mac	Apr.	Mei	Jun	Julai	Ogos	Sept.	Okt.	Nov.	Dis.	Purata
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)	(Jan.)	(Feb.)	(Mar.)	(Apr.)	(May)	(June)	(July)	(Aug.)	(Sept.)	(Oct.)	(Nov.)	(Dec.)	(Average)
Baung	Mystus nemurus	2.54	2.47	2.44	2.49	2.50	2.29	2.53	2.20	3.24	4.13	3.10	3.00	2.74
Belidah	Notopetrus chiltals	2.09	2.05	1.83	1.73	1.80	1.65	2.03	2.40	1.95	2.38	2.63	2.57	2.09
Bujok	Chana sp.	0.80	1.50	—	—	—	—	1.60	1.80	—	1.60	—	—	1.46
Cik Bua	—	—	—	1.20	—	—	—	—	1.00	—	1.20	—	—	1.13
Gerahak	Belodontichthys dinema	—	—	—	—	—	—	—	—	—	—	—	—	—
Haruan	Chana striatus	1.79	2.00	1.90	1.88	1.90	1.93	1.93	1.94	1.93	1.88	2.23	2.04	1.95
Jelawat	Leptobrabus hoeveni	29.50	—	28.50	28.50	27.00	27.50	27.00	27.00	24.00	30.50	31.50	17.25	27.11
Jenahak	Lutianidae	2.50	—	—	—	—	—	—	—	—	—	—	—	2.50
Jenkua	Morulus	1.00	—	—	—	—	—	—	—	—	—	3.00	—	2.00
Kalui	Osphronamus goramy	1.25	2.70	—	1.40	2.80	2.80	—	2.00	—	—	2.50	2.50	2.24
Kap Rumpit	Ctenopharyngodon idollus	2.06	2.17	2.44	2.18	2.18	2.24	2.32	2.13	2.13	2.03	2.32	2.28	2.21
Kap Lumpur	Cirrhina molitorella	—	—	—	—	—	—	2.60	—	—	—	—	—	2.60
Kap Perak	Hypophthalmichthys molitrix	—	2.25	—	—	—	—	—	2.10	—	—	—	—	2.18
Kap Cermin	—	—	—	1.20	—	—	—	—	—	—	—	—	—	1.20
Kap Kepala Besar	Aristichthys nobilis	1.79	1.83	1.83	1.94	1.97	1.84	1.93	1.57	1.87	1.59	1.75	2.01	1.83
Kelah	Tor tambroides	7.50	6.00	8.00	7.00	—	6.00	8.00	8.00	6.50	7.00	9.50	6.00	7.23
Keli	Clarias batrachus	1.82	1.68	1.72	1.72	1.80	1.82	1.71	1.76	1.75	1.77	2.02	1.77	1.78
Ketutu	Oxyleotris marmoratus	9.50	9.50	9.50	9.25	9.50	9.25	9.88	11.00	10.25	11.50	9.50	10.70	9.94
Kerai Kunyit	Puntius daruphani	5.00	—	4.50	4.00	6.00	4.00	4.50	5.00	6.00	6.30	9.50	9.00	5.80
Kerai Putih	—	3.70	3.34	3.95	3.88	4.10	4.17	4.17	3.83	4.25	5.88	7.67	9.25	4.85
Kenerak	—	2.50	—	2.50	—	—	—	—	—	—	4.00	4.00	—	3.25
Kelasa	Scheropages formosus	150.00	—	—	—	—	—	—	—	—	—	—	—	150.00
Ketam Nipah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerinting	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lais	Kryptopterus cryptopterus	—	—	—	—	—	—	—	—	—	—	—	2.00	2.00

Jenis Ikan (Type of Fish)		Jan.	Feb.	Mac	Apr.	Mei	Jun	Julai	Ogos	Sept.	Okt.	Nov.	Dis.	Purata
Nama Tempatan (Local Name)	Nama Sains (Scientific Name)	(Jan.)	(Feb.)	(Mar.)	(Apr.)	(May)	(June)	(July)	(Aug.)	(Sept.)	(Oct.)	(Nov.)	(Dec.)	(Average)
Lampam Jawa	Puntius gonionotus	1.75	1.71	1.86	1.95	1.83	1.84	1.99	1.96	2.15	2.17	1.94	1.90	1.92
Lampam Sungei	Puntius schwarefeldii	1.81	1.81	1.80	1.93	2.00	2.05	2.07	1.76	2.27	2.26	2.16	2.47	2.03
Lawang	Pangasius micronemus	3.10	—	3.50	3.50	—	—	3.50	—	—	7.00	8.50	8.00	5.30
Lomah	Thynnichthys thynnoides	—	—	—	—	—	—	—	—	—	—	1.60	1.60	1.60
Lee Koh	Cyprinus carpio	1.87	2.04	1.96	2.00	2.10	1.98	2.04	1.86	1.87	1.66	1.83	1.80	1.92
Lambat	Clarias nieuhofi C.V.	0.90	—	—	—	—	—	—	—	—	—	—	1.80	1.35
Lambak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Patin	Pangasius pangasius	8.13	6.58	7.40	6.48	6.05	6.25	6.20	5.60	8.40	7.93	—	—	6.90
Patin Perak	—	—	—	—	—	—	—	—	—	3.50	—	3.50	2.80	3.27
Patin Muncong	—	—	8.00	8.00	9.00	11.00	9.00	11.00	—	9.00	10.00	11.00	11.00	9.70
Patin Pahang	—	—	—	—	—	—	—	—	—	—	—	8.07	11.35	9.71
Puyu	Anabas testudineus	1.10	1.00	1.00	1.00	1.00	1.20	1.35	1.75	1.40	1.20	1.40	1.40	1.23
Putih/Seluang	Puntius binotatus	—	—	—	—	—	—	—	1.60	1.80	—	1.20	1.55	1.54
Pucuk Pisang	—	0.80	—	—	—	—	—	—	—	—	—	—	—	0.80
Patong	Pristolepis fasciatus	—	—	—	—	—	—	—	—	—	—	—	—	—
Sebarau	Hampala macrolepidota V. Hasselt	0.80	2.80	—	—	2.28	2.80	2.80	3.80	2.40	—	3.50	3.00	2.69
Sepat Siam	Trichogaster pectonalis	1.33	1.33	1.33	1.63	1.67	1.15	1.40	1.44	1.46	1.58	1.64	1.71	1.48
Sepat Biasa/Padi	Trichogaster trichopeterus	1.28	1.20	1.20	1.30	1.20	1.40	1.30	1.40	1.50	1.50	1.70	—	1.36
Tapah	Wallogo Attu (Bl. Scha)	1.80	—	—	2.60	1.80	2.40	2.80	2.00	1.80	—	2.50	3.00	2.30
Temakang	Helastoma temmincki	1.40	—	—	1.50	1.60	1.50	1.50	1.40	1.40	1.50	1.50	1.75	1.51
Temoleh	Probarbus julieni sauvage	2.00	—	—	—	—	—	—	—	—	—	2.80	2.40	2.40
Tenggelan	Puntius bulu	5.50	3.00	4.00	6.70	—	5.50	6.00	4.25	4.00	7.33	3.40	3.65	4.85
Terubol	Osteo chilus hasselti	1.39	0.95	—	—	0.98	—	—	1.50	1.50	1.40	2.23	1.00	1.37
Tilapia	Tilapia mossambica	0.83	1.26	1.13	0.80	1.35	0.80	1.18	1.29	1.21	1.02	1.13	0.95	1.08
Toman	Chana micropeltes C.V.	1.20	0.80	—	—	—	—	—	—	—	1.50	2.13	2.50	1.63
Tengas	Acrossocheilus hexagonolepis	—	—	—	—	—	—	—	—	—	—	—	—	—
Tongsan	—	—	—	—	—	—	—	—	3.05	2.95	3.00	—	1.70	2.68
Temperas	Cyclocheilichthys apogon C.V.	—	—	—	—	—	—	—	—	—	—	2.50	2.50	2.50
Udang Galah	Macrobrachium rosenbergi	9.63	11.25	9.10	9.25	9.10	8.75	11.75	10.38	9.08	10.75	9.25	10.00	9.86
Udang Sungei	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pelbagai	Miscellaneous	0.60	—	0.70	0.70	—	1.20	0.70	—	—	0.70	—	1.10	0.81

**BILANGAN BOT-BOT BERJENTERA DALAM, BERJENTERA SANGKUT
DAN TIDAK BERJENTERA YANG DILESENKAN BAGI JANGKA
MASA 1971 – 1980**

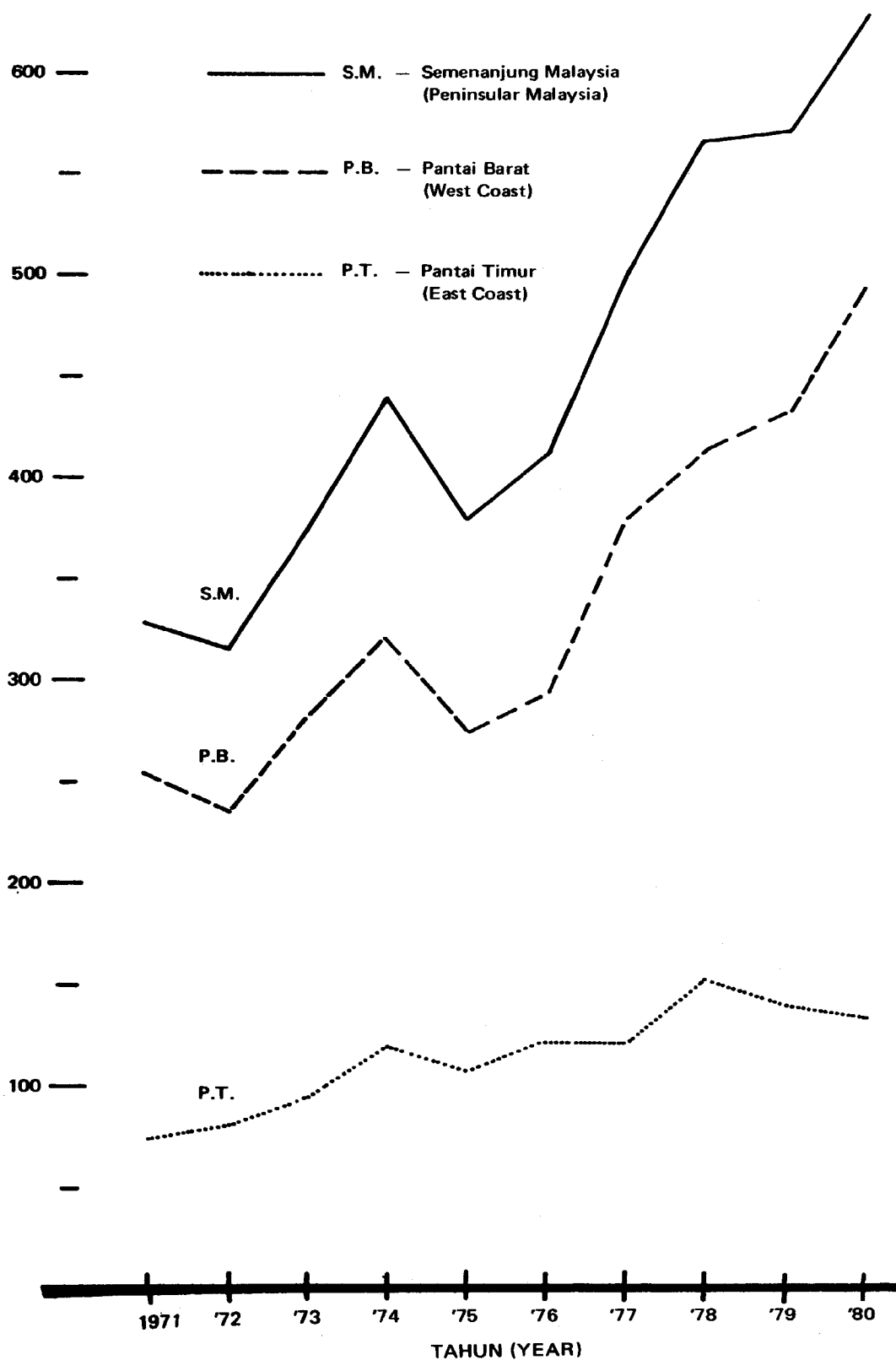
**(Number of Inboard Powered, Outboard Powered and
Non-Powered Fishing Boats Licensed in the Period
1971 – 1980)**



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ALIRAN PENDARATAN IKAN LAUT 1971-1980
(Trend of Marine Fish Landings, 1971-1980)

Peta (Chart)
B

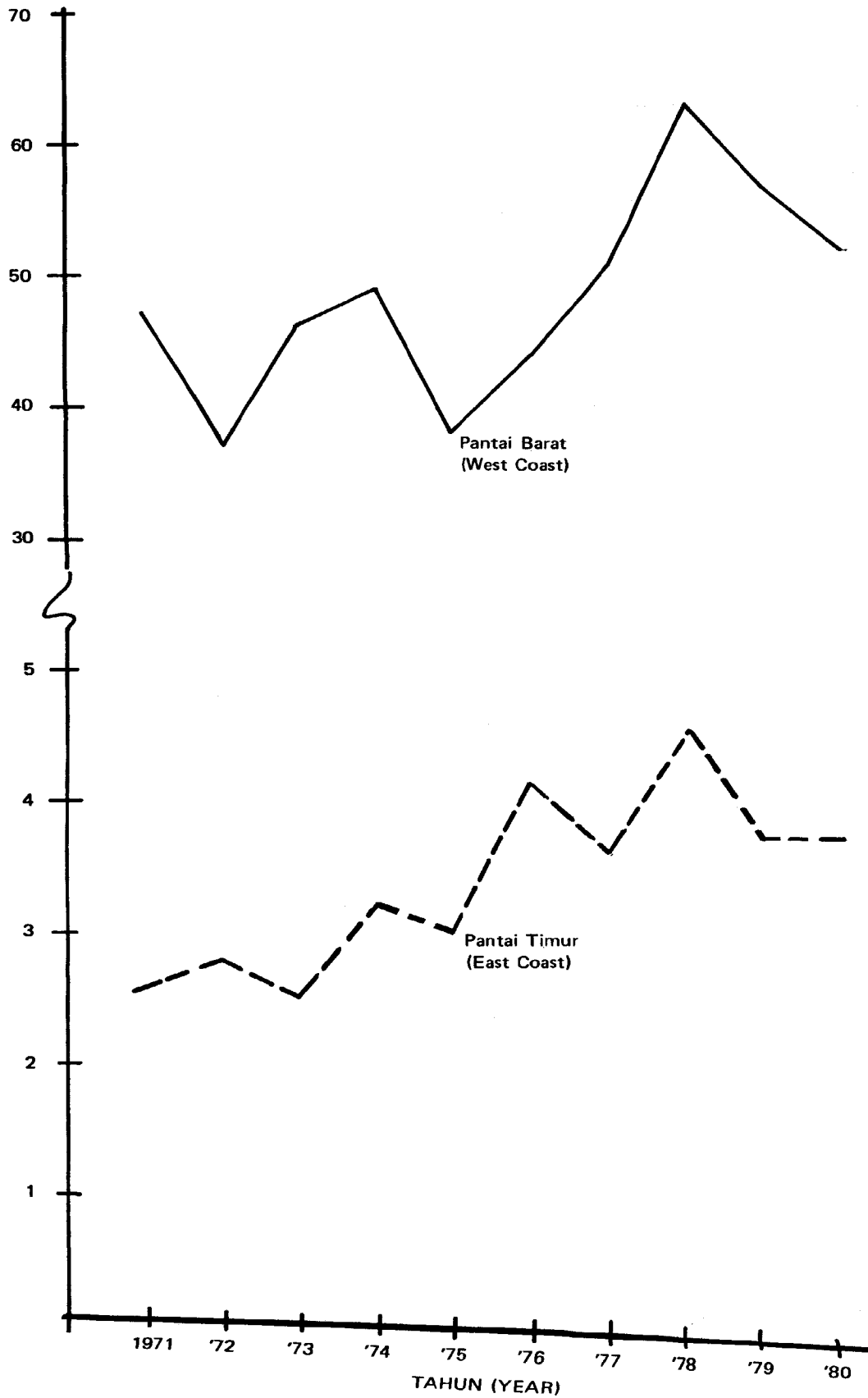
('000 M. Tonnes)



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ALIRAN PENDARATAN UDANG, 1971-1980
(Trend of Prawn Landings, 1971-1980)

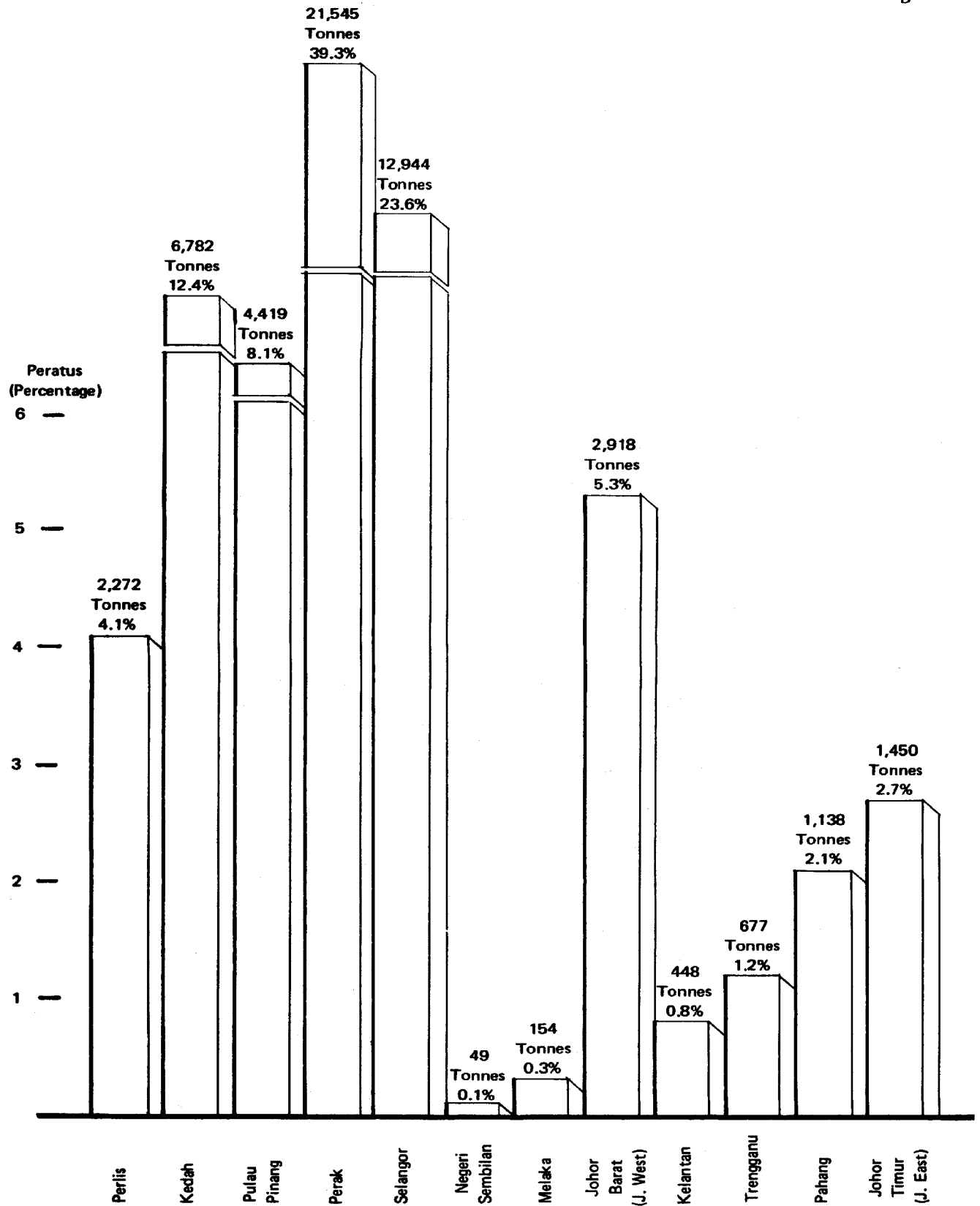
Peta (Chart)
C

('000 M. Tonnes)



SEMANAJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENDARATAN UDANG, 1980
(Prawn Landings in 1980)

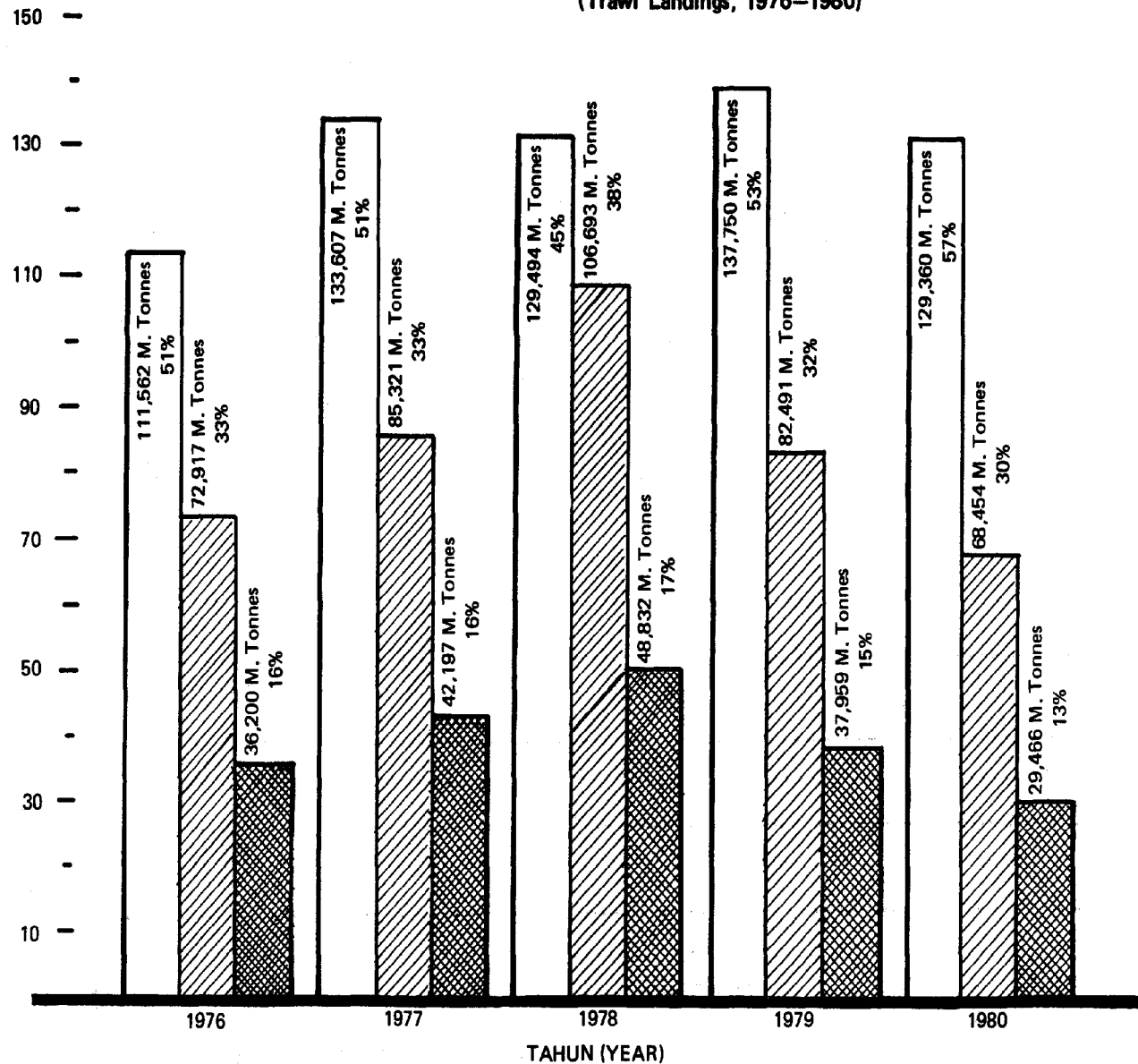
Peta (Chart)
D



'000 M. Ton
('000 M. Tonnes)

SEMANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENDARATAN PUKAT TUNDA, 1976-1980
(Trawl Landings, 1976-1980)

Peta (Chart)
E



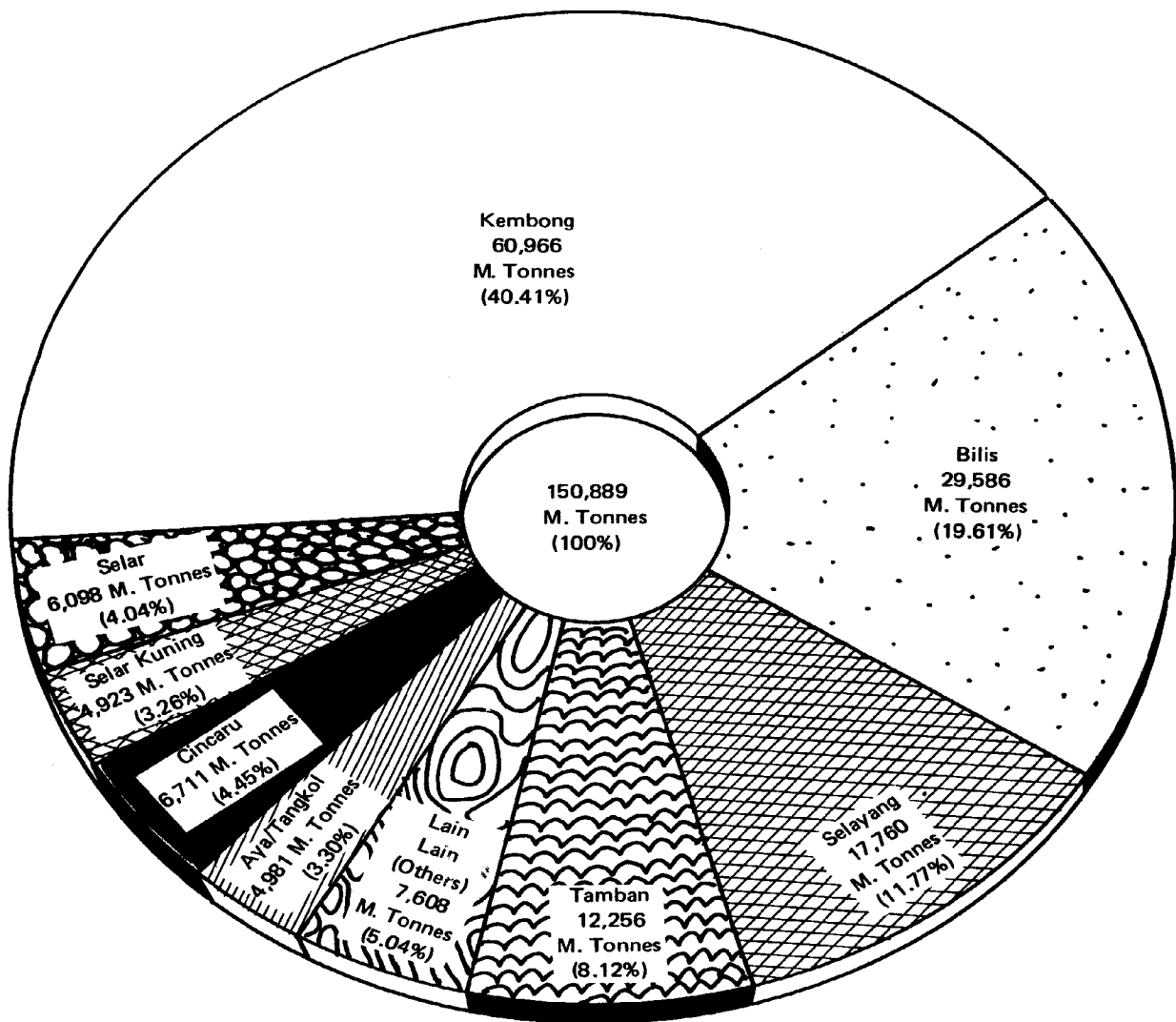
Ikan Baja
(Trash Fish)

Ikan
(Fish)

Udang
(Prawn)

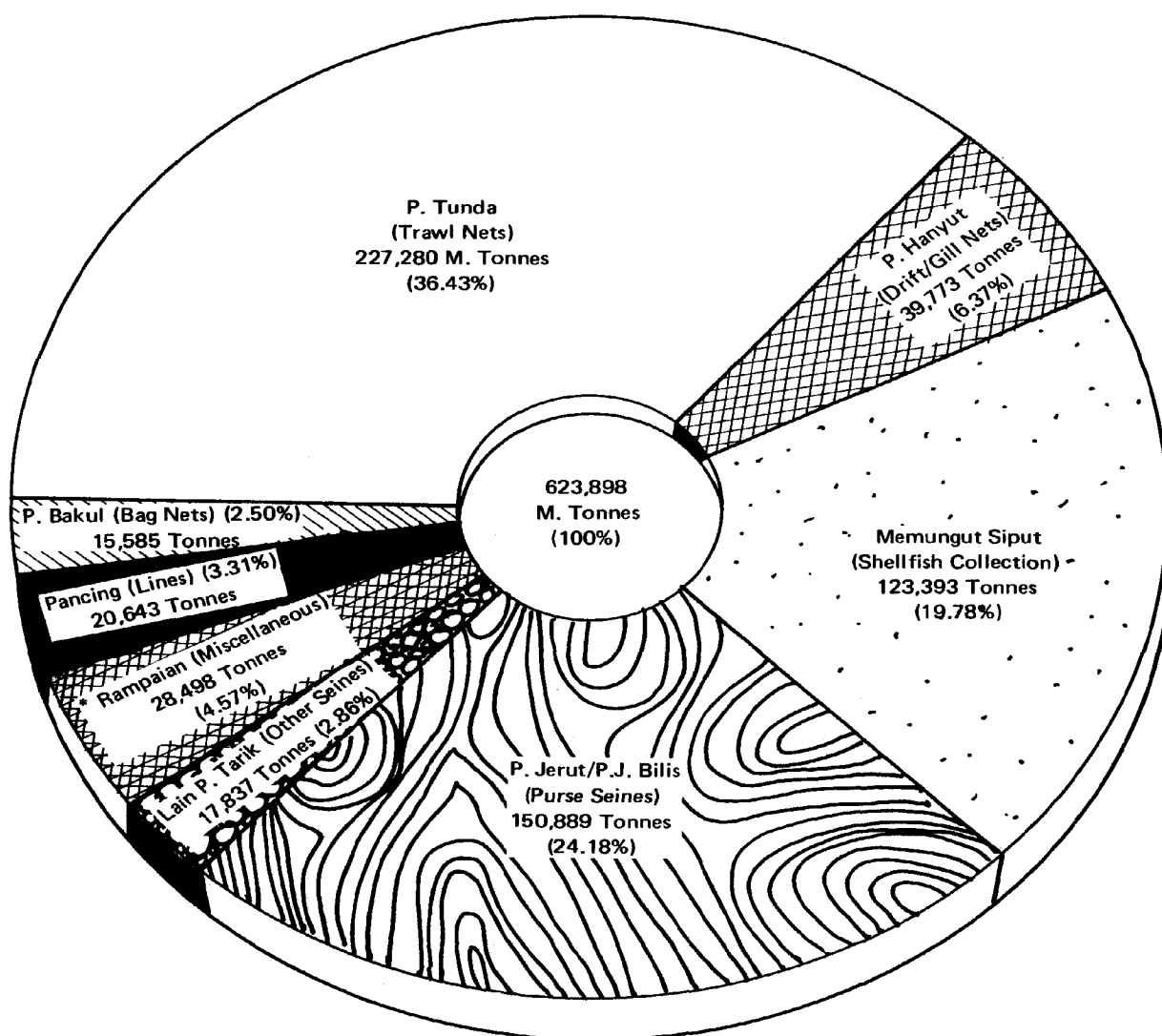
SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
 PENDARATAN PUKAT JERUT MENGIKUT JENIS IKAN, 1980
 (Purse Seine Landings by Type of Fish, 1980)

Peta (Chart)
 F



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 1980
(Landings of Marine Fish by Gear Group, 1980)

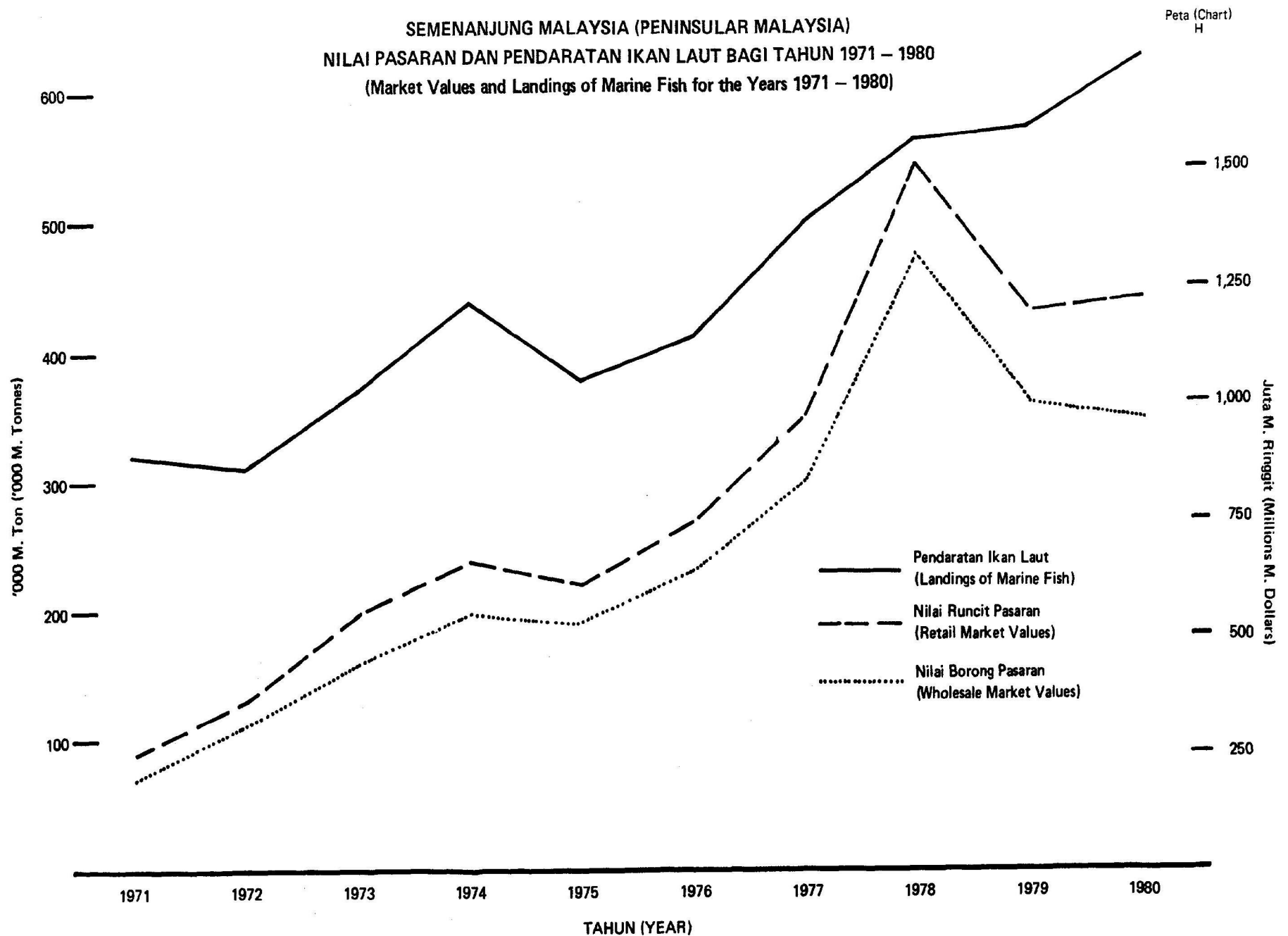
Peta (Chart)
G



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

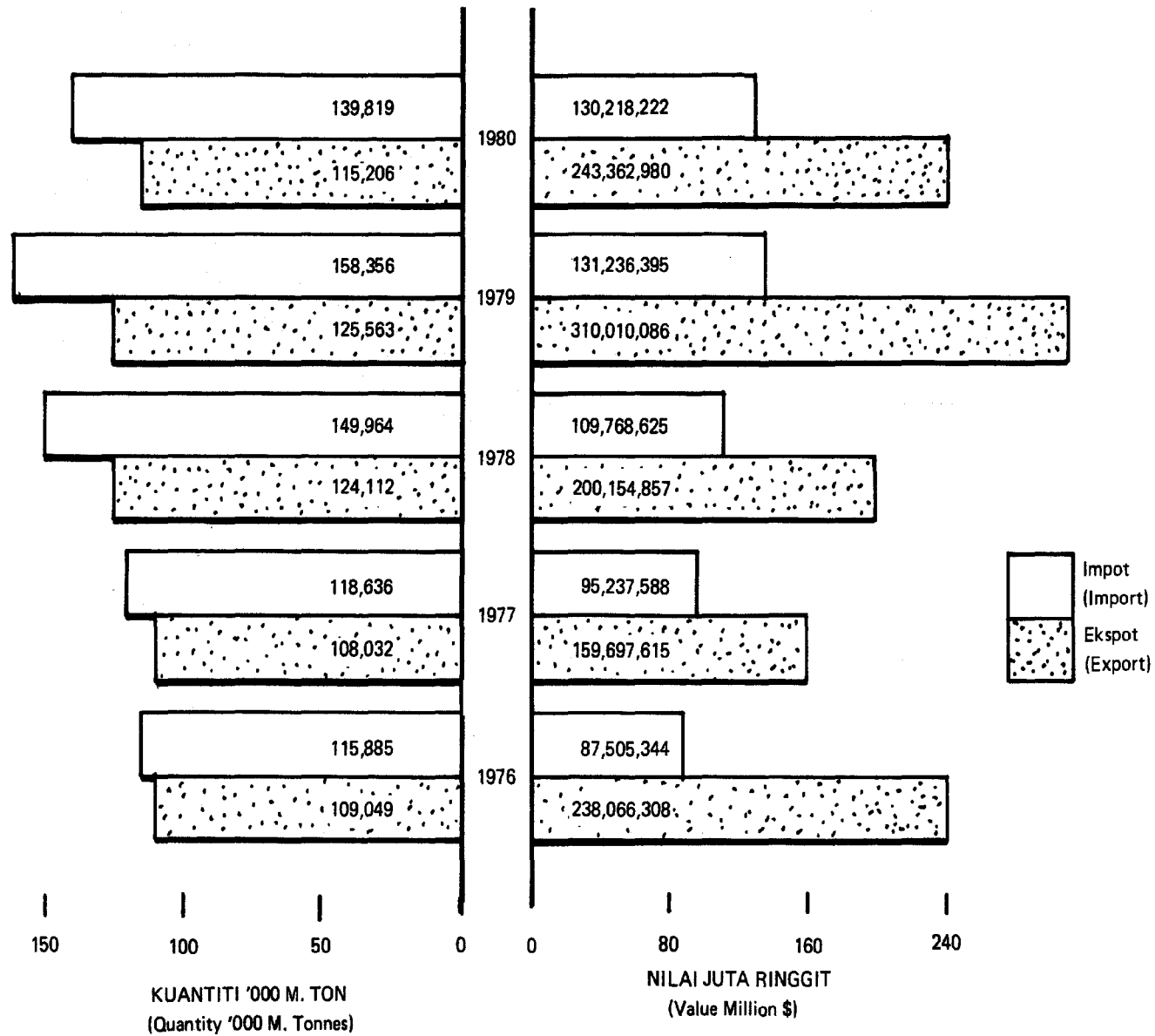
(Miscellaneous Including Lift Nets, Stationary and Portable Traps, Barrier Nets, Push Nets and Others.)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
NILAI PASARAN DAN PENDARATAN IKAN LAUT BAGI TAHUN 1971 – 1980
 (Market Values and Landings of Marine Fish for the Years 1971 – 1980)

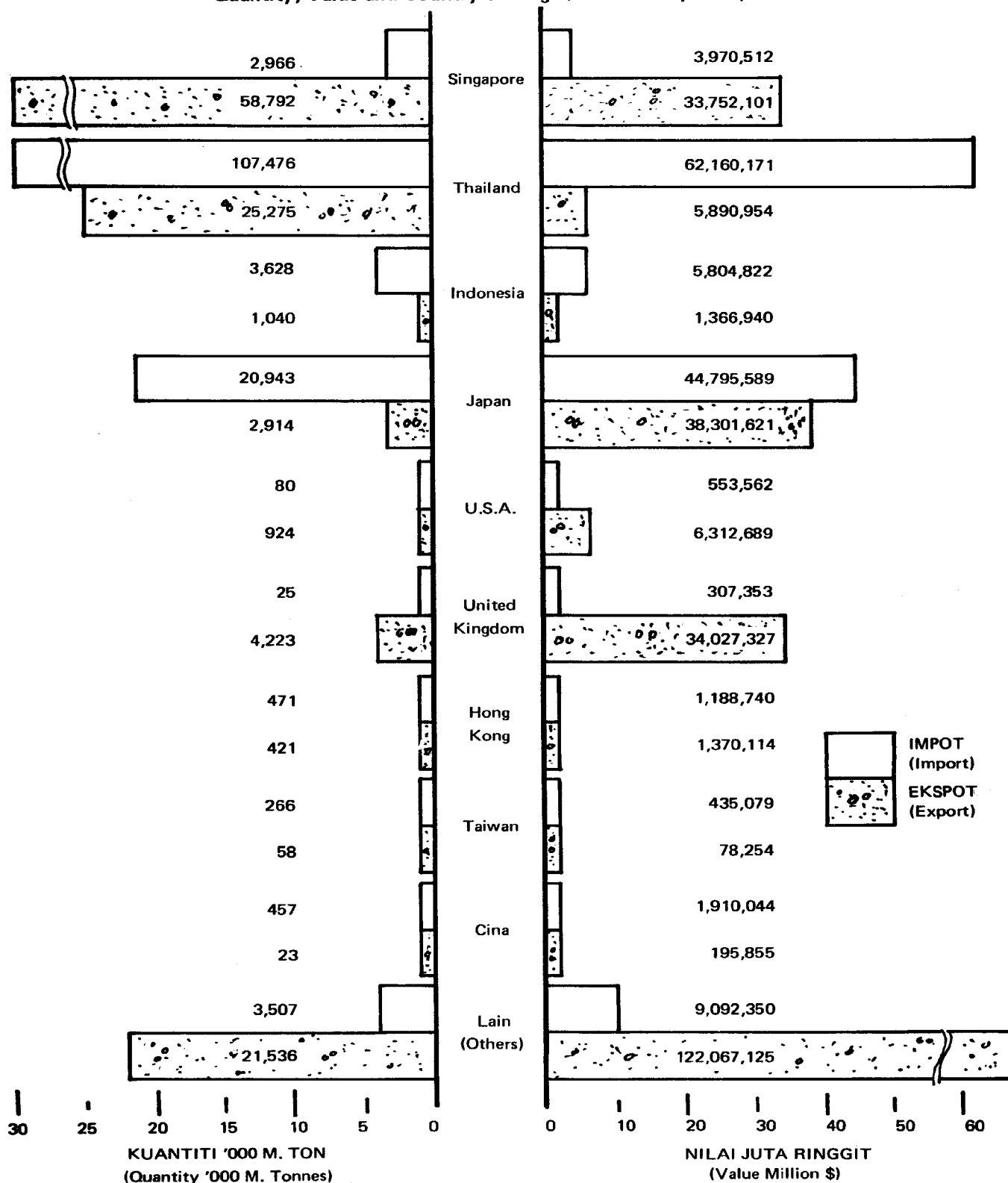


SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
SERI TAHUNAN IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT KUANTITI DAN NILAI
 (Annual Series of Fishery Commodities Import and Export by Quantity and Value)

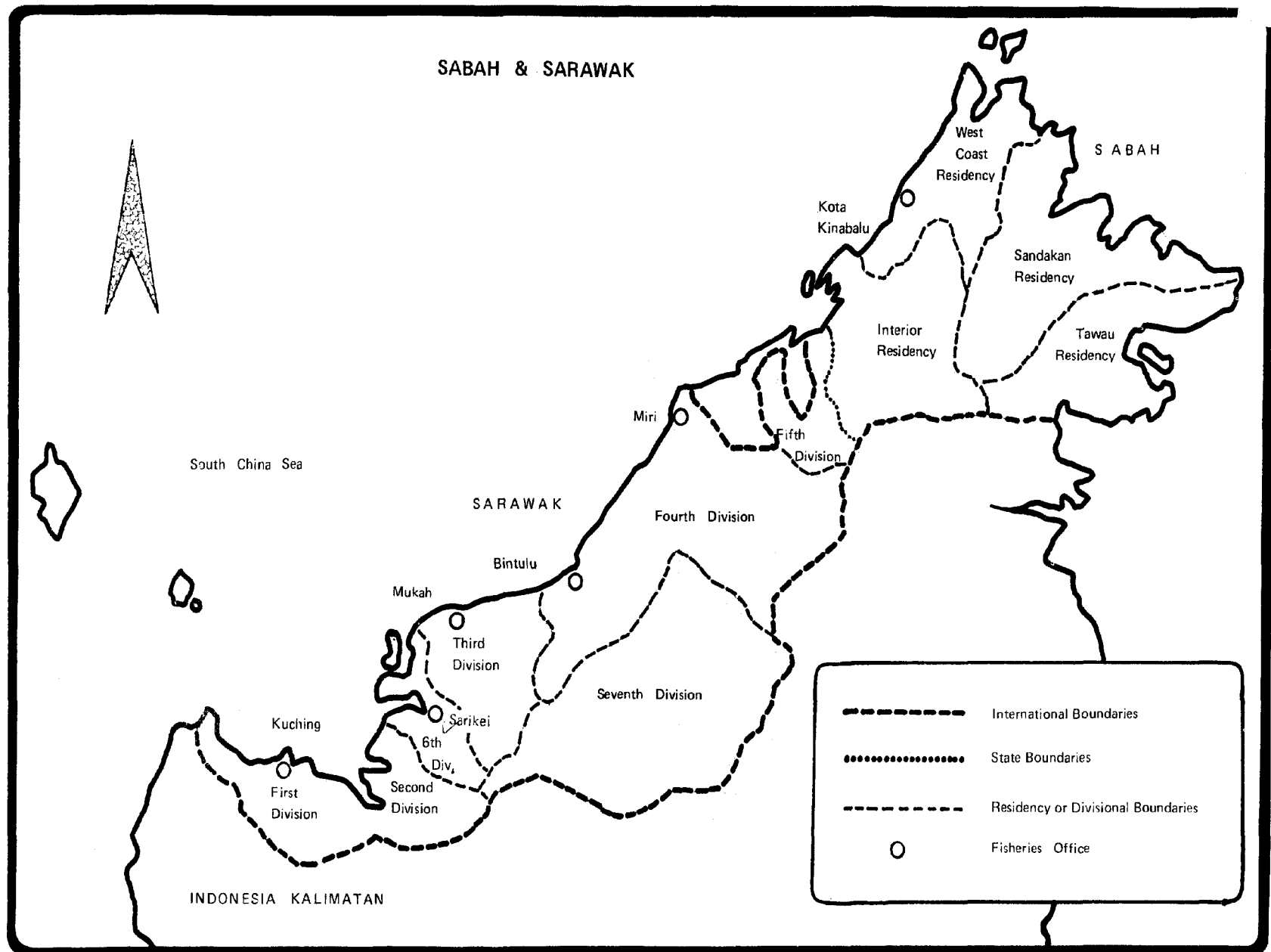
Peta (Chart)
1



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT
KUANTITI, NILAI DAN NEGERI ASAL/DESTINASI, 1980
 (Import and Export of Fishery Commodities by
 Quantity, Value and Country of Origin/Destination, 1970)



SABAH & SARAWAK





SABAH & SARAWAK

PENGELUARAN IKAN MENGIKUT JENIS KUMPULAN IKAN, SABAH

(Production of Fish by Group of Species, Sabah)

1971 - 1980

Jadual (Table) 6.1

Jenis Kumpulan Ikan (Group of Species)	Kuantiti (Quantities) ('000 M. Tonnes)									
	1971	1972	1973	1974	1975	1976	1977*	1978*	1979	1980
Freshwater fishes	1.016	1.016	1.016	1.016	1.016	1.000	1.300	1.500	1.700	1.800
Shads, mild fishes, etc.	1.727	1.727	1.829	1.829	1.829	1.500	0.300	0.400	1.000	0.200
Flounders, soles, etc.	0.813	0.915	1.016	1.016	1.016	1.000	0.100	0.500	0.400	0.300
Redfishes, basses, congers, etc.	3.251	3.454	4.572	4.572	4.877	4.500	6.300	7.300	8.200	7.000
Jacks, mullets, etc.	2.743	2.845	3.048	3.048	3.454	3.200	7.500	6.200	7.400	6.500
Herrings, sardines, anchovies, etc.	4.064	3.861	3.861	3.861	3.962	3.700	1.800	1.100	1.300	0.500
Tunas, bonitos, skipjacks	0.610	0.610	0.610	0.813	0.915	0.800	1.200	1.000	2.000	1.500
Mackerels, billfishes, etc.	1.727	1.727	2.032	2.133	2.235	2.000	7.400	11.000	6.500	6.000
Sharks, rays	1.829	1.829	1.829	1.930	1.829	1.700	0.700	0.500	1.700	0.800
Slimmouths (Leiognathus spp.)	1.626	1.524	2.845	3.048	3.353	3.000	0.400	0.600	0.400	0.800
Unsorted and unidentified fishes	2.032	2.235	2.845	3.048	2.946	2.600	1.500	1.200	1.200	0.800
Crustaceans	5.283	5.486	5.689	5.893	5.588	5.700	6.600	8.000	8.500	7.500
Molluscs	0.508	0.406	0.508	0.610	0.508	0.500	0.600	1.600	1.000	0.100
Beche de-mer, sea-urchins, etc.	0.102	0.102	0.102	0.102	0.102	0.100	0.100	0.200	0.300	0.300
Pearls, shells, corals, etc.	0.406	0.406	0.406	0.406	0.406	0.400	0.400	0.500	0.300	0.400
JUMLAH (Total):—	27.737	28.143	32.208	33.325	34.036	31.700	36.200	41.600	41.900	34.500

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

NILAI IKAN YANG DIDARATKAN DISABAH

(Value of Fish Landed in Sabah)

1971 - 1980

Jadual (Table) 6.2

Jenis Kumpulan Ikan (Group of Species)	Nilai '000 M.\$ (Value '000 M.\$)									
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Freshwater fishes	1,400	1,800	2,000	2,000	2,600	2,800	3,700	4,270	5,620	6,000
Shads, milkfishes, etc.	600	680	900	900	1,500	1,380	280	380	1,000	200
Flounders, soles, etc.	760	900	1,200	1,200	1,600	1,760	180	900	760	600
Redfishes, basses, congers, etc.	3,200	4,080	5,100	6,040	7,900	8,150	11,780	14,000	17,910	16,500
Jacks, mullets, etc.	3,200	3,360	4,200	4,500	6,650	6,890	17,100	15,000	18,800	16,500
Herrings, sardines, anchovies, etc.	2,000	1,900	1,900	1,900	2,280	2,380	1,200	800	850	350
Tunas, bonitos, skipjacks	360	360	360	560	750	730	1,100	1,000	1,900	1,500
Mackerels, billfishes, etc.	2,200	2,200	3,200	3,360	4,220	4,220	15,780	23,700	17,200	16,000
Sharks, rays	720	1,080	1,080	1,140	1,300	1,350	560	400	1,680	800
Slipmouths (Leiognathus spp.)	640	600	1,120	1,350	1,730	1,730	240	400	400	850
Unsorted and unidentified fishes	2,000	1,540	280	480	700	690	400	300	400	300
Crustaceans	14,000	19,300	20,460	21,460	24,000	28,000	32,400	42,020	49,500	45,000-
Molluscs	400	520	600	720	720	790	950	2,600	2,230	200-
Beche-de-mer, sea urchins, etc.	50	50	50	50	60	70	80	250	400	400-
Pearls, shells, corals, etc.	500	400	500	500	600	660	700	1,100	1,000	1,200-
JUMLAH (Total)	32,030	38,770	42,950	46,160	56,610	61,600	86,370	107,120	119,650	106,400

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

BILANGAN BOT-BOT PERIKANAN DISABAH

(Number of Fishing Boats in Sabah)

1962 – 1980

Jadual (Table) 6.3

Tahun (Year)	Total No. of Fishing Boats	Number of Non-Powered Boats	Number Motorised	
			With Inboard Engines	With Onboard Engines
1962	5,963	3,981	482	1,500
1963	5,235	2,849	586	1,800
1964	4,288	1,388	700	2,200
1965	3,315	440	875	2,000
1966	2,925	72	1,053	1,800
1967	3,347	296	1,151	1,900
1968	4,089	771	1,218	2,100
1969	3,810	300	1,310	2,200
1970	4,020	300	1,400	2,320
1971	4,080	150	1,430	2,500
1972	4,165	200	1,470	2,495
1973	4,298	497	1,253	2,548
1974	4,298	500	1,253	2,545
1975	4,236	400	1,131	2,705
1976	4,050	300	1,250	2,500
1977	4,083	856	1,474	1,753
1978	4,619	784	1,758	2,077
1979	5,547	930	2,204	2,413
1980	5,800	900	2,300	2,600

SABAH
BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS
PERKAKAS DAN DAERAH, 1980
(Number of Licenses issued by Type of Gear and District, 1980)

Jadual (Table) 6.4

Type of Gear \ District	District												
	Tawau	Semporna	Sandakan	Lahad Datu	Beluran	Kudat	Kota Belud	Tuaran	Kota Kinabalu	Papar	Beaufort	Labuan	Total
Kelong	28	38	105	18	—	18	—	—	2	—	—	48	257
Belat	—	—	10	—	—	—	—	6	—	—	—	—	16
Tugoh	27	—	5	—	—	—	—	—	—	—	—	—	32
Trawl	97	2	180	3	7	57	6	—	80	—	41	43	516
Pukat	25	—	22	9	6	35	1	—	9	123	117	9	356
Purse Seine	—	10	4	1	—	—	—	—	4	—	—	5	24
Live Prawns	—	—	—	—	—	—	—	—	21	—	—	1	22
Seaweed	—	77	—	—	—	—	—	—	—	—	—	—	77
Handlines	2	—	3	—	—	3	4	—	14	40	—	3	69
Others	5	—	1	1	—	—	—	—	19	—	—	2	28
Total	184	127	330	32	13	113	11	6	149	163	158	111	1,397

ANGGARAN BILANGAN NELAYAN DISABAH
(Estimated Number of Fishermen in Sabah)
1965 – 1980

Jadual (Table) 6.5

Tahun (Year)	Nelayan Penuh Masa (Full Time Fishermen)	Nelayan Separuh Masa (Part Time Fishermen)
1965	6,800	3,000
1966	6,800	3,000
1967	6,500	3,000
1968	6,450	2,500
1969	6,550	2,500
1970	6,500	2,500
1971	6,500	2,500
1972	6,400	2,500
1973	8,284	2,853
1974	8,319	2,863
1975	8,300	2,900
1976	8,000	3,000
1977	8,320	2,860
1978	13,978	3,000
1979	15,110	2,500
1980	16,000	3,000

IMPOT DAN EKSPOT HASIL-HASIL PERIKANAN, SABAH, 1980
(Import and Export of Fisheries Products, Sabah, 1980)

Kuantiti dalam M. Ton — Quantity in M. Tonnes

Jadual (Table) 6.6

Description of Commodity	Commodity Code	Unit of Quantity	Imports		Exports	
			Quantity	Value \$	Quantity	Value \$
Beeche-de-Mer	011891	Tonne	93.78	58,042	138.44	182,221
	012902					
Fish Fry	034110	1000	58.85	13,434	0.69	3,900
Fish for Aquaria	034120	100	1,960.76	61,783	—	—
Other fish marine, fresh or chilled	034139	Tonne	23.65	57,861	79.53	265,591
Fish freshwater fresh chilled or frozen	034140	Tonne	0.02	127	1.50	6,419
Other fish marine frozen	034219	Tonne	38.56	187,173	566.19	1,372,275
Fishmaw	035031	Tonne	2.44	78,148	—	—
Sharks fin salted or dried not further prepared	035032	Tonne	13.48	644,715	0.65	5,506
Fish Marine, salted or dried	03503910	Tonne	334.01	347,609	56.52	113,163
Fish freshwater salted or dried	0350392	Tonne	0.61	1,866	—	—
Salmon smoked	035041	Kg	843.55	11,650	2.64	51
Fish smoked except salmon	035049	Kg	408.07	5,195	116.73	1,124
Prawns fresh chilled	036011	Tonne	0.02	963	168.93	1,562,649
Prawns fresh frozen	036012	Tonne	15.35	28,674	2,193.09	29,877,809
Crabs lobsters etc. fresh chilled or frozen	036021	Tonne	3.93	21,502	15.31	39,620
Prawns, crabs, lobsters etc. salted in brine, dried or boiled	036028	Tonne	5.37	46,186	0.03	483
Oyster fresh	036030	Tonne	8.88	123,546	0.17	4,292
Other molluscs fresh chilled or frozen	036041	Tonne	2.93	33,905	45.75	109,792
Other molluscs salted, in brine	036048	Tonne	50.43	263,954	1.73	11,222
Fish boiled or steamed	037193	Tonne	5.65	12,551	—	—
Sardine canned	037111	Tonne	2,829.00	6,015,077	121.40	359,299
Herring and Brisling canned	037112	Tonne	10.84	60,736	0.07	268
Pilchards canned	037113	Tonne	0.10	1,163	—	—
Salmon canned	037114	Tonne	4.47	26,088	—	—
Fish paste and similar preparations	037192	Tonne	2.23	7,542	—	—
Sharks' fins prepared	037191	Tonne	0.76	29,153	—	—
Tuna canned	037116	Tonne	3.00	18,610	0.01	486
Fish preparations not canned	037199	Tonne	44.49	106,393	1.97	6,800
Sauries canned	037115	Tonne	2.44	5,422	—	—
Horse Mackerels canned	037117	Tonne	2,644.84	4,662,801	78.38	224,495
Fish, others canned	037119	Tonne	999.15	3,367,509	3.85	13,954
Abalone canned	037211	Tonne	26.65	356,428	—	48
Prawns and shrimps (Belachan) canned	037212	Tonne	283.86	954,253	0.36	1,063
Crabs canned	037213	Tonne	2.76	20,113	—	—
Cuttle canned	037214	Tonne	399.72	1,195,116	3.11	7,468
Preparations of crustacean and molluscs not canned	037220	Tonne	434.83	338,164	0.68	3,400
Preparations of crustacean and molluscs canned	037219	Tonne	1,586.04	1,458,625	5.79	12,262
Prawn dust	081422	Tonne	2.86	1,673	—	—
Fish Meal	081421	Tonne	1,061.89	1,181,341	—	—
Flour meal of fish, crustaceans and molluscs	081429	Tonne	104.34	49,832	—	—
Fish molluscs and crustaceans and broths	09805920	Kg	320.28	2,940	—	—
Tortoise shell unworked	291160	Tonne	2.90	1,621	3.11	5,728
Coral etc. unworked	291150	Tonne	59.98	45,730	72.32	203,605
Fish waste	291940	Tonne	1.01	2,189	1.74	21,656
Natural sponges	291970	Kg	39.00	798	—	—
Turtle eggs	098081	100	7.00	350	—	—
Products of fish, crustaceans and molluscs not for human consumption	291991	Tonne	0.05	253	—	—
Sea grass	292922	Tonne	0.65	1,817	—	—
Sea weed products	292981	Tonne	26.73	55,666	27.48	7,661
Pearls not set	667101	Value	—	—	—	703,124
TOTAL :			11,136.31	21,966,287	3,588.23	35,127,434

IMPOT DAN EKSPOT HASIL-HASIL PERIKANAN, SABAH**(Import and Export of Fisheries Products, Sabah)****1965 – 1980****Kuantiti dlm. M. Ton – Quantity in M. Tonnes****Jadual (Table) 6.7**

(Tahun) (Year)	Impot (Import)*		Ekspot (Export)*	
	Quantity	Value (M.\$)	Quantity	Value (M.\$)
1965	2,332	3,127,038	1,643	4,272,600
1966	2,443	3,410,991	2,004	5,990,187
1967	2,895	3,568,010	2,350	7,509,005
1968	2,470	3,390,673	2,204	8,482,298
1969	2,683	3,992,054	2,203	7,337,991
1970	3,049	4,494,787	2,367	8,703,229
1971	2,774	4,144,925	2,279	10,636,254
1972	3,542	5,172,929	2,586	12,438,520
1973	3,954	6,869,428	2,769	18,507,065
1974	4,145	9,091,577	2,605	13,712,863
1975	4,148	8,400,596	2,699	14,880,057
1976	5,443	11,205,702	3,902	29,595,961
1977	3,957	10,245,153	3,563	32,671,347
1978	5,195	11,766,881	3,801	34,745,661
1979	7,719	12,822,101	4,260	45,194,362
1980	11,136	21,966,287	3,588	35,127,434

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

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT BULAN, 1980
(Monthly Landings of Fish and Prawn by Species, 1980)

Jadual (Table) 7.1

LOCAL NAMES OF FISHES	SCIENTIFIC NAMES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	
														PICULS	M. TONNES
Lidah	Soleidae	27	46	58	123	71	78	82	76	54	152	262	116	1,145	69
Sabelah	Cynoglossidae	26	15	25	64	23	100	100	86	80	66	46	96	727	44
Kaci	Spilotichthys pictus	—	—	—	—	—	—	—	—	—	309	13	—	322	20
Daun Baharu	Drepane punctata	12	19	15	41	12	9	10	12	10	16	13	36	205	12
Duri (Jahan/Goh)	Tachysuridae	1,671	2,457	2,763	8,047	8,850	7,877	7,160	6,511	5,904	2,729	2,732	1,680	58,381	3,532
Gelama/Tengkerong	Sciaenidae	1,958	2,335	3,971	5,696	6,422	6,038	7,321	5,444	5,770	4,761	6,322	1,803	57,841	3,499
Jenahak	Lutianidae	424	264	580	2,993	1,381	1,089	2,147	1,363	1,268	235	1,164	347	13,255	802
Kerapu	Epinephalus spp.	164	101	438	682	496	231	222	309	357	567	152	79	3,798	230
Kerisi	Nemipteridae	201	297	424	1,591	906	765	806	844	890	690	498	440	8,352	505
Kikek	Leiognathidae	—	9	80	274	47	43	80	49	136	284	241	173	1,416	86
Malong	Muraenesox cinereus	1,504	2,846	3,307	4,764	6,083	1,873	1,795	1,218	1,475	1,001	1,021	892	27,779	1,681
Pelandok	Lathrinus minatus F.	—	—	—	—	—	11	10	—	—	—	—	—	21	1
Semilang	Pletosus spp.	319	332	313	235	254	235	210	169	256	72	78	103	2,576	156
Shrumbu (Senohong/Kapas)	Lactarius lactarius	543	1,072	1,157	1,003	948	676	655	817	513	554	445	119	8,502	514
Selayang/curut	Decapterus russelli	—	—	—	—	—	—	—	—	—	110	—	—	110	7
Alu-alu (Kacang-kacang)	Sphyræna spp.	—	—	4	11	65	51	522	54	30	—	—	—	737	45
Bawal Puteh/Dueh Puteh	Pampus chinensis	216	314	1,197	1,277	1,389	927	1,690	1,485	1,420	999	603	410	11,927	722
Bawal Puteh (Bujang)/Dueh	Pampus argenteus	200	302	964	1,176	769	637	862	666	377	499	334	346	7,132	431
Bawal Hitam/Dueh Hitam	Parastromateus niger	414	766	1,628	3,221	3,187	2,345	2,042	1,613	1,415	718	603	384	18,336	1,109
Belanak/Kedera	Mugil spp.	250	215	132	98	105	102	56	31	21	99	62	40	1,211	73
Cermin/Sagai	Alectis indica/caranx spp.	—	—	180	1,942	274	565	186	1,789	243	99	14	38	5,330	322
Cincaru (Geronggong)	Megalaspis crydyla	254	321	379	1,083	2,170	1,262	945	1,024	867	629	690	366	9,990	604
Demudok/Rambai	Caranx spp.	86	282	393	199	166	146	90	151	168	126	169	138	2,114	128
Kurau/Senangin	Polynemus tetradactylus	355	297	1,462	1,708	1,705	1,557	1,737	925	805	932	5,488	489	17,460	1,056
Pelata/Selar	Caranx spp.	526	770	613	1,043	1,214	1,090	1,498	1,720	1,088	131	1,624	429	11,746	711
Selar Kuning	Caranx spp.	186	296	416	167	480	414	290	427	558	743	344	595	4,916	297
Talang	Chorinemus spp.	36	90	12	163	244	46	303	10	131	4	9	219	1,267	77
Bilis	Stolophorus spp.	—	20	30	298	183	100	67	53	50	294	916	58	2,069	125
Bulan	Megalops cyprinoides	2	3	5	17	25	56	25	40	15	30	23	20	261	16
Parang-parang	Chirocentrus dorab	232	287	330	386	570	526	705	452	334	248	103	99	4,272	258
Tamban	Clupea spp.	751	714	343	268	268	398	281	192	322	47	110	133	3,827	232
Terubok	Clupea macrura	18	121	173	464	734	1,101	3,456	2,697	2,465	1,722	601	160	13,712	830
Tongkol/Kayu/Aya	Euthynnus spp.	859	552	404	1,437	2,633	1,294	2,499	1,869	1,153	849	659	940	15,148	916
Kembong/Temenong	Rastrelliger kanagurta	807	758	593	1,084	1,225	976	1,413	1,136	977	2,686	881	541	13,077	791

Sambungan (Continued)

LOCAL NAMES OF FISHES	SCIENTIFIC NAMES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	
														PICULS	M. TONNES
Tenggiri	Scomberomenus spp.	478	942	2,777	4,551	5,939	6,088	9,307	8,296	9,922	2,596	3,224	1,188	55,308	3,346
Timah	Trichiurus spp.	537	777	175	3,617	3,277	1,875	1,099	5,069	2,409	308	352	659	20,154	1,219
Yu	Lamniformes	896	1,528	1,770	4,033	3,847	2,735	3,098	2,862	3,580	711	757	1,203	27,020	1,635
Pari	Order rajiformes	1,128	1,611	3,036	3,439	4,508	5,742	6,456	5,099	5,066	766	2,765	1,148	40,764	2,466
Baja	—	8,746	13,344	13,928	23,187	25,272	29,687	22,750	39,843	40,697	24,536	16,272	4,790	263,052	15,914
Beliak mata	Ilisha elongata	—	—	—	—	195	169	155	157	458	—	18	—	1,152	70
Ikan Champur	—	4,590	21,317	9,130	9,835	8,432	9,072	8,234	8,876	8,698	5,171	8,363	6,976	108,694	6,576
Kebasi/Selangat	Dorosoma chacunda	35	88	164	19	17	11	1	34	26	47	64	43	549	33
Puput	Pellona spp.	848	1,073	1,334	5,276	4,981	1,584	2,449	1,307	857	796	1,096	867	22,468	1,359
Jamah	Caranx spp.	—	402	373	49	52	25	89	218	252	83	20	87	1,650	100
Perencong	Scaridae	20	21	39	—	—	—	—	—	—	—	—	—	80	5
Panjang	Pseudoseianena spp.	350	433	365	569	489	450	466	441	391	110	25	—	4,089	247
Pelayak	Callyodontidae	19	8	75	65	350	327	444	416	270	—	3	2	1,979	120
Impirang	Setipinna taty	514	569	1,577	1,896	1,368	1,125	1,511	1,099	741	641	853	774	12,668	766
Bulu Ayam	Coillia spp.	205	360	131	190	1,555	1,640	1,810	960	75	220	185	165	7,496	453
Lumi	Harpodon nehereus	721	945	2,943	2,585	2,471	2,044	2,336	1,395	807	707	319	322	17,595	1,064
Kilat	Pampus spp.	556	856	1,324	1,189	1,148	813	1,392	899	758	603	550	391	10,479	634
Merah	Lutianus spp.	131	270	351	242	536	1,042	939	1,972	2,656	388	1,452	98	10,077	610
Bulu	Polynemus borneensis	44	66	69	122	25	32	57	87	540	29	30	5	1,106	67
Empirit	Clupea macrura	296	391	366	331	264	905	667	558	167	312	192	172	4,221	255
Ubor Ubor	—	—	160	1,782	1,538	250	700	2,500	2,200	900	1,298	1,000	900	13,228	800
Ketam	Crustacea	308	207	258	286	231	232	324	331	360	192	241	246	3,216	195
Ketam Laut/Ketam Suri	Crustacea	7	35	42	43	53	166	225	164	177	77	1	29	1,019	62
Udang Karang	Penulirus polyhagus	—	—	15	25	20	20	25	20	20	3	—	—	148	9
Udang Lobok	Thenus aorientalis	10	17	17	5	155	10	9	80	2	—	—	7	312	19
Udang/Siar	Metapenaeus spp.	11,478	13,595	11,123	13,709	19,833	8,844	7,631	5,960	5,010	5,300	6,672	13,933	123,088	7,446
Payak	Parapenopsis spp.	11,376	21,675	25,549	12,605	3,772	18,427	18,044	14,806	11,634	8,030	4,007	5,088	155,013	9,378
Udang Baring	Acetus	1,324	1,148	2,762	1,736	2,324	1,137	1,035	1,312	1,842	749	317	10,959	26,645	1,612
Udang Galah	Macrobrachium rosenbergi	60	56	101	109	96	76	85	113	58	60	17	68	899	54
Sotong	Mollusca	222	620	1,147	1,540	930	1,395	1,294	1,174	938	259	1,119	138	10,776	652
Kerang	Anadara spp.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tokoyong	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lekan	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ambal	Mollusca	40	—	—	—	—	—	—	—	—	6	5	5	56	3
TOTAL :-		56,980	98,415	105,112	134,346	135,289	128,591	133,697	138,980	128,463	76,399	76,139	61,552	1,273,963	
		3,447	5,954	6,359	8,127	8,184	7,779	8,088	8,408	7,772	4,622	4,606	3,724		77,070

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT KUMPULAN PERKAKAS, 1980
(Landings of Fish and Prawn by Type of Gear Group, 1980)

Jadual (Table) 7.2

LOCAL NAMES OF FISHES	SCIENTIFIC NAMES	TRAWL NETS	SEINE NETS	DRIFT/GILL NETS	FISHING STAKES	HOOKS AND LINES	TRAPS	BAG NETS	PUSH/Scoop LIFT NETS	BARRIER NETS	SHELLFISH COLLECTION	MISCELLANEOUS	TOTAL	
													PICULS	M. TONNES
Lidah	Soleidae	948	7	119	60	—	—	—	—	11	—	—	1,145	69
Sabelah	Cynoglossidae	622	9	83	10	—	—	—	—	3	—	—	727	44
Kaci	Spilotichthys pictus	70	—	252	—	—	—	—	—	—	—	—	322	20
Daun Baharu	Drepane punctata	204	—	—	—	—	—	—	—	1	—	—	205	12
Duri (Jahan/Goh)	Tachysuridae	36,834	71	15,361	2,340	3,199	—	4	—	572	—	—	58,381	3,532
Gelama/Tengkerong	Sciaenidae	50,787	119	4,089	1,761	3	—	36	—	1,046	—	—	57,841	3,499
Jenahak	Lutianidae	12,827	110	145	19	44	—	—	—	110	—	—	13,255	802
Kerapu	Epinephalus spp.	561	15	1,736	—	311	85	—	—	1,090	—	—	3,798	230
Kerisi	Nemipteridae	7,316	15	560	—	306	73	—	—	82	—	—	8,352	505
Kikek	Leiognathidae	1,038	—	273	105	—	—	—	—	—	—	—	1,416	86
Malong	Muraenesox cinereus	23,594	—	4,025	50	10	—	100	—	—	—	—	27,779	1,681
Pelandok	Lathrinus minatus F.	—	—	—	—	21	—	—	—	—	—	—	21	1
Semilang	Pletosus spp.	169	70	1,308	320	183	—	—	—	526	—	—	2,576	156
Shrumbu (Senohong/Kapas)	Lactarius lactarius	7,467	76	793	154	—	—	—	—	12	—	—	8,502	514
Selayang curut	Decapterus russelli	66	—	44	—	—	—	—	—	—	—	—	110	7
Alu-alu (Kacang-kacang)	Sphyræna spp.	639	—	—	—	98	—	—	—	—	—	—	737	45
Bawal Putih/Dueh Putih	Pampus chinensis	5,258	57	6,357	255	—	—	—	—	—	—	—	11,927	722
Bawal Putih (Bujang)/Dueh Putih (Bujang)	Pampus argenteus	5,034	1	1,978	119	—	—	—	—	—	—	—	7,132	431
Bawal Hitam/Dueh Hitam	Parastromateus niger	6,771	2,451	6,654	179	—	—	—	2,281	—	—	—	18,336	1,109
Belanak/Kedera	Mugil spp.	134	20	445	113	—	—	—	—	499	—	—	1,211	73
Cermin/Sagai	Alectis indica/caranx spp.	5,224	—	93	—	13	—	—	—	—	—	—	5,330	322
Cincaru (Goronggong)	Megalaspis crydyla	7,120	297	2,535	—	38	—	—	—	—	—	—	9,990	604
Demudok/Rambai	Caranx spp.	1,858	—	124	—	132	—	—	—	—	—	—	2,114	128
Kurau/Senangin	Polynemus tetradactylus	6,482	51	10,082	631	98	—	—	—	116	—	—	17,460	1,056
Pelata/Selar	Caranx spp.	10,708	662	359	17	—	—	—	—	—	—	—	11,746	711
Selar Kuning	Caranx spp.	4,439	461	—	14	—	—	—	—	2	—	—	4,916	297
Talang	Chorinemus spp.	380	23	863	—	1	—	—	—	—	—	—	1,267	77
Bilis	Stolophorus spp.	1,439	—	312	156	20	—	95	—	47	—	—	2,069	125
Bulan	Megalops cyprinoides	—	—	225	—	36	—	—	—	—	—	—	261	16
Parang-parang	Chirocentrus dorab	2,458	—	1,549	264	1	—	—	—	—	—	—	4,272	258
Tamban	Clupea spp.	1,316	127	2,018	349	17	—	—	—	—	—	—	3,827	232
Terubok	Clupea macrura	990	129	12,461	130	2	—	—	—	—	—	—	13,712	830
Tongkol/Kayu/Aya	Euthynnus spp.	6,765	127	7,195	—	1,061	—	—	—	—	—	—	15,148	916

LOCAL NAMES OF FISHES	SCIENTIFIC NAMES	TRAWL NETS	SEINE NETS	DRIFT/GILL NETS	FISHING STAKES	HOOKS AND LINES	TRAPS	BAG NETS	PUSH/SCOOP LIFT NETS	BARRIER NETS	SHELLFISH COLLECTION	MISCELLANEOUS	TOTAL	
													PICULS	M. TONNES
Kembong/Temenong	Rastrelliger kanagurta	6,101	1,953	4,947	67	9	—	—	—	—	—	—	13,077	791
Tenggiri	Scomberomenus spp.	19,824	32	34,521	401	516	—	—	—	14	—	—	55,308	3,346
Timah	Trichiurus spp.	18,169	49	1,590	318	7	—	—	—	21	—	—	20,154	1,219
Yu	Lamniformes	18,535	1	7,006	318	1,128	—	—	—	32	—	—	27,020	1,635
Pari	Order rajiformes	33,702	—	3,202	2,138	1,540	—	—	—	126	—	56	40,764	2,466
Baja	—	253,617	—	423	2,062	—	—	6,950	—	—	—	—	263,052	15,914
Beliak mata	Ilisha elongata	1,130	—	20	2	—	—	—	—	—	—	—	1,152	70
Ikan Champur	—	83,825	1,300	9,813	3,917	309	109	6,077	—	3,091	—	253	108,694	6,576
Kebasi/Selangat	Dorosoma chacunda	108	—	432	—	—	—	9	—	—	—	—	549	33
Puput	Pellone spp.	14,318	14	7,640	424	45	—	9	—	18	—	—	22,468	1,359
Jamah	Caranx spp.	517	127	—	30	—	—	—	976	—	—	—	1,650	100
Perencong	Scaridae	39	—	41	—	—	—	—	—	—	—	—	80	5
Panjang	Pseudoseianena spp.	9	—	3,900	128	51	—	—	—	1	—	—	4,089	247
Pelayak	Callyodontidae	1,218	—	533	21	34	—	—	—	173	—	—	1,979	120
Impirang	Setipinna taty	1,117	119	9,956	1,245	6	—	—	—	225	—	—	12,668	766
Bulu Ayam	Coillia spp.	30	20	746	1,945	—	—	4,755	—	—	—	—	7,496	453
Lumi	Harpodon nehereus	4,047	120	1,804	1,279	—	—	8,935	—	1,410	—	—	17,595	1,064
Kilat	Pampus spp.	7,833	36	1,976	614	—	—	—	—	20	—	—	10,479	634
Merah	Lutianus spp.	7,890	—	131	—	1,479	—	—	—	577	—	—	10,077	610
Bulu	Polynemus borneensis	267	—	309	30	—	—	500	—	—	—	—	1,106	67
Empirit	Clupea macrura	5	60	2,421	1,701	—	—	—	—	34	—	—	4,221	255
Ubor Ubor	—	—	—	48	115	—	—	10,150	—	—	—	2,915	13,228	800
Ketam	Crustacea	—	—	—	1	—	3,169	—	—	46	—	—	3,216	195
Ketam Laut/Ketam Suri	Crustacea	563	—	456	—	—	—	—	—	—	—	—	1,019	62
Udang Karang	Penulirus polyhagus	148	—	—	—	—	—	—	—	—	—	—	148	9
Udang Lobak	Thenus orientalis	297	—	—	—	—	—	—	—	—	—	15	312	19
Udang/Siar	Metapenaeus spp.	97,548	—	7,175	2,505	—	—	12,954	—	2,349	—	557	123,088	7,446
Payak	Parapenopsis spp.	59,076	—	28	605	—	—	95,204	—	100	—	—	155,013	9,378
Udang Baring	Acetus	13,983	—	—	11,021	—	—	933	702	6	—	—	26,645	1,612
Udang Galah	Macrobrachium rosenbergi	42	—	54	—	—	81	—	—	16	—	706	899	54
Sotong	Mollusca	10,771	—	—	—	—	—	—	—	5	—	—	10,776	652
Kerang	Anadara spp.	—	—	—	—	—	—	—	—	—	—	—	—	—
Tokoyong	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—
Lokan	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—
Ambal	Mollusca	—	—	—	—	—	—	—	—	—	56	—	56	3
TOTAL:—	PICULS	864,247	8,729	181,210	37,933	10,718	3,517	146,711	3,959	12,381	56	4,502	1,273,963	
	M. TONNES	52,284	528	10,963	2,295	648	213	8,875	240	749	3	272		77,070

PENDARATAN IKAN LAUT DAN UDANG MENGIKUT KUMPULAN PERKAKAS, SARAWAK
(Marine Fish and Prawn Landings by Gear Group, Sarawak)
1976 – 1980

(Kuantiti dalam Metrik Tan – Quantity in Metric Tonnes)

Jadual (Table) 7.3

Kumpulan Perkakas (Gear Group)	*1976	1977	1978	1979	1980
Pukat-Pukat Tunda (Trawl Nets)	43,821.48	45,582.64	52,439.38	58,839.57	52,283.55
Jaring-Jaring Hanyut (Drift/Gill Nets)	20,988.69	15,238.54	13,139.14	12,034.00	10,962.49
Belat-Belat (Fishing Stakes)	1,532.67	2,343.25	2,083.73	2,356.14	2,294.80
Pukat-Pukat Tarik (Seine Nets)	1,754.39	1,488.93	2,507.68	907.62	528.07
Pukat-Pukat Tanggok/Surung (Scoop/Push/Lift Nets)	2,083.55	13,719.96	1,222.99	243.01	239.50
Pukat-Pukat Bakul (Bag Nets)	1,257.77	1,909.26	3,999.15	5,081.55	8,875.44
Pukat-Pukat Rentang (Barrier Nets)	472.53	386.69	327.47	857.65	749.00
Pancing (Hook/Lines)	442.59	312.34	1,125.35	1,297.88	648.40
Bubu (Traps)	439.69	416.76	253.12	239.99	212.76
Jala (Cast Nets)	—	—	—	—	—
Memungut Siput (Shellfish Collection)	306.84	27.65	43.44	3.87	3.39
Rampaian (Miscellaneous)	113.19	1,868.97	370.54	432.06	272.35
Jumlah (Total).—	73,213.39	83,294.99	77,511.99	82,293.34	77,069.75

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

SARAWAK
BILANGAN NELAYAN MENGIKUT BAHAGIAN, 1980
(Number of Fishermen by Division, 1980)

Jadual (Table) 7.4

Geographical Locations	Fishermen			Fish Dealers	Grand Total
	Full Time	Part Time	Total		
First Division (West)	744	544	1,288	40	1,328
First Division (East)	1,700	661	2,361	93	2,454
Second Division	911	617	1,528	43	1,571
Third Division	1,458	262	1,720	127	1,847
Fourth Division (Bintulu)	488	102	590	31	621
Fourth Division (Miri)	634	55	689	54	743
Fifth Division	685	353	1,038	36	1,074
Sixth Division	2,132	324	2,456	78	2,534
Total :—	8,752	2,918	11,670	502	12,172

SARAWAK

BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS PERKAKAS DAN BAHAGIAN, 1980 (Number of Fishing Licences issued by Type of Gear and Division, 1980)

Jadual (Table) 7.5

Fishing Gears Geographical Locations	Trawl Nets	Seine Nets	Drift/Gill Nets	Fishing Stakes	Hooks and Lines	Traps	Bag Nets	Push/Scoop/ Lift Nets	Barrier Nets	Miscellaneous	Total
First Division (West)	29	—	554	104	2	18	—	—	97	4	808
First Division (East)	56	12	820	32	2	15	164	—	96	—	1,197
Second Division	68	1	681	50	37	—	737	—	13	—	1,587
Third Division	161	5	429	—	6	—	1	17	—	—	619
Fourth Division (Bintulu)	81	—	79	—	—	—	—	10	—	—	170
Fourth Division (Miri)	96	—	161	—	16	—	—	—	—	—	273
Fifth Division	—	—	—	—	—	—	—	—	—	—	—
Sixth Division	289	15	746	15	94	—	376	—	96	—	1,631
Total :—	780	33	3,470	201	157	33	1,278	27	302	4	6,285

BILANGAN PERAHU-PERAHU BERJENTERA DAN TIADA BERJENTERA DISARAWAK

(Number of Powered and Non-Powered Fishing Crafts in Sarawak)

1971 – 1980

Jadual (Table) 7.6

Jenis Perahu (Type of Boat) Tahun (Year)	Tiada Berinjin (Non-Powered)	Berinjin Sangkut (Outboard Powered)	Berinjin Dalam (Inboard Powered)				Jumlah (Total)
			Kotaks	Membawa Ikan (Fish Carriers)	Pukat Tunda (Trawlers)	Lain-Lain (Others)	
1971	1,346	904	417	51	243	398	3,359
1972	1,287	877	405	45	433	460	3,507
1973	1,558	783	432	46	472	490	3,781
1974	1,772	1,098	368	69	479	586	4,372
1975	1,961	1,530	370	85	530	608	5,084
1976	1,836	1,537	378	82	569	538	4,940
1977	1,527	1,563	382	90	713	624	4,899
1978	1,128	1,464	347	106	744	1,225	5,014
* 1979	1,362	1,617	277	98	807	2,002	6,163
1980	1,671	2,158	297	110	905	2,018	7,159

* Perangkaan 1979 telah dipindahkan
(Data for 1979 are revised figures)

NEGERI SARAWAK
IMPOT DAN EKSPOT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
DAN DESTINASI, 1980
(Imports and Exports in Fishery Commodities by Countries of Origin and Destination, 1980)

Jadual (Table) 7.7

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Marine fish fresh, chilled or frozen	Tonnes				
Pen. Malaysia		260.42	597,679	13.05	18,236
Sabah		233.19	16,592	0.00	20
Brunei		—	—	65.03	128,222
Singapore		140.24	239,914	246.97	382,655
Indonesia		2.32	7,058	—	—
Thailand		107.67	192,825	—	—
Hong Kong		2.74	7,398	—	—
Japan		—	—	0.01	20
Australia		—	—	—	—
New Zealand		4.44	19,603	—	—
U.S.A.		0.33	1,352	—	—
Others		58.73	254,113	—	—
Total		810.08	1,336,534	325.06	529,153
Freshwater fish, fresh, frozen	Tonnes				
Pen. Malaysia		—	—	3.18	28,932
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		10.10	4,300	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.02	328	—	—
Total		10.12	4,628	3.18	28,932
Marine fish salted or dried	Tonnes				
Pen. Malaysia		1,076.83	2,490,586	10.26	17,526
Sabah		0.40	1,152	—	—
Brunei		0.03	95	2.10	2,275
Singapore		706.64	1,688,590	34.10	34,649
Indonesia		30.80	78,384	—	—
Thailand		9.94	27,140	—	—
Hong Kong		8.23	17,469	—	—
Japan		0.24	1,057	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		2.46	5,194	—	—
Total		1,835.57	4,309,667	46.46	54,450
Freshwater fish, salted, dried or in brine	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		1.01	1,140	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		1.01	1,140	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Fishmaws salted or dried, not further prepared	Tonnes				
Pen. Malaysia		0.01	295	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.38	6,196	—	—
Indonesia		0.01	310	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.03	830	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.29	1,621	—	—
Total		0.72	9,252	—	—
Shark fins salted or dried, not further prepared	Tonnes				
Pen. Malaysia		0.29	13,022	—	—
Sabah		—	—	0.30	900
Brunei		—	—	—	—
Singapore		9.26	61,859	—	—
Indonesia		0.54	2,028	—	—
Thailand		—	—	—	—
Hong Kong		3.35	15,303	—	—
Japan		0.48	7,314	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		5.54	28,606	—	—
Total		19.46	128,132	0.30	900
Smoked salmon	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.01	146	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.01	839	—	—
Others		0.05	2,669	—	—
Total		0.07	3,654	—	—
Fish smoked except salmon	Tonnes				
Pen. Malaysia		10.86	33,595	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.15	285	—	—
Indonesia		0.34	1,020	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.27	913	—	—
Australia		0.11	362	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.02	229	—	—
Total		11.75	36,404	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Fresh prawns chilled or frozen	Tonnes				
Pen. Malaysia		0.14	1,188	99.14	514,036
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.17	1,137	108.40	724,818
Indonesia		—	—	—	—
Thailand		—	—	0.45	2,760
Hong Kong		—	—	15.76	68,016
Japan		—	—	1,082.42	9,229,212
Australia		0.13	2,653	5.34	57,929
New Zealand		0.06	1,452	—	—
U.S.A.		—	—	88.81	678,703
Others		—	—	17.87	161,030
Total		0.50	6,430	1,418.19	11,436,504
Other crustaceans fresh chilled or frozen	Tonnes				
Pen. Malaysia		2.19	16,609	—	—
Sabah		51.72	113,507	—	—
Brunei		—	—	—	—
Singapore		1.06	5,012	—	—
Indonesia		0.02	42	—	—
Thailand		1.00	2,829	—	—
Hong Kong		—	—	—	—
Japan		3.82	6,233	—	—
Australia		0.04	1,125	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		59.85	145,357	—	—
Oysters	Tonnes				
Pen. Malaysia		53.33	64,565	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.46	6,839	—	—
Indonesia		—	—	—	—
Thailand		0.03	84	—	—
Hong Kong		0.05	238	—	—
Japan		4.51	11,765	—	—
Australia		65.71	11,518	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		1.00	4,356	—	—
Total		125.09	99,365	—	—
Other molluscs fresh chilled or frozen	Tonnes				
Pen. Malaysia		373.63	464,430	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		289.86	36,811	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		0.27	1,030	1.55	3,456
New Zealand		0.15	1,064	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		663.91	503,335	1.55	3,456

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Prawns salted in brine, dried or simply boiled	Tonnes				
Pen. Malaysia		0.39	2,105	0.01	50
Sabah		0.17	400	—	—
Brunei		—	—	10.01	33,034
Singapore		0.37	1,884	59.70	195,899
Indonesia		1.12	6,708	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.00	75	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		2.05	11,172	69.72	228,983
Other crustaceans salted in brine, dried or simply boiled	Tonnes				
Pen. Malaysia		0.47	4,924	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.03	75	0.87	3,032
Indonesia		—	—	—	—
Thailand		0.66	8,176	—	—
Hong Kong		0.09	512	—	—
Japan		1.62	13,428	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		3.98	33,994	—	—
Total		6.85	61,109	0.87	3,032
Other molluscs salted, dried or boiled	Tonnes				
Pen. Malaysia		10.29	63,730	0.01	50
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		16.14	85,730	0.95	1,281
Indonesia		1.03	8,962	—	—
Thailand		14.31	110,307	—	—
Hong Kong		2.08	18,563	—	—
Japan		7.48	33,996	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		66.44	598,032	—	—
Total		117.77	919,320	0.96	1,331
Sardines canned	Tonnes				
Pen. Malaysia		1.56	2,200	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		33.56	80,318	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		2.39	5,290	—	—
Others		9.04	33,263	—	—
Total		46.55	121,071	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Herrings and brislings canned	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.02	71	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.03	444	—	—
Total		0.05	515	—	—
Salmon canned	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		0.08	300	—	—
Hong Kong		—	—	—	—
Japan		0.05	391	—	—
Australia		0.01	130	—	—
New Zealand		—	—	—	—
U.S.A.		0.79	5,790	—	—
Others		2.25	6,935	—	—
Total		3.18	13,546	—	—
Sauries canned	Tonnes				
Pen. Malaysia		1.22	4,542	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.06	410	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		1.28	4,952	—	—
Tuna canned	Tonnes				
Pen. Malaysia		0.65	2,662	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.00	71	—	—
Indonesia		—	—	—	—
Thailand		0.02	139	—	—
Hong Kong		—	—	—	—
Japan		0.11	838	—	—
Australia		0.02	133	—	—
New Zealand		—	—	—	—
U.S.A.		0.83	5,806	—	—
Others		0.01	257	—	—
Total		1.64	9,906	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Horse Mackerels canned	Tonnes				
Pen. Malaysia		240.21	339,343	—	—
Sabah		—	—	—	—
Brunei		—	—	1.02	1,250
Singapore		0.11	384	3.14	6,337
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		1,701.64	3,634,815	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.38	1,614	—	—
Others		478.54	743,023	—	—
Total		2,420.88	4,719,179	4.16	7,587
Fish and fish preparations canned	Tonnes				
Pen. Malaysia		663.09	1,936,666	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		1.68	6,967	—	—
Indonesia		—	—	—	—
Thailand		6.19	17,623	—	—
Hong Kong		4.96	3,551	—	—
Japan		0.14	1,375	—	—
Australia		—	—	—	—
New Zealand		0.04	207	—	—
U.S.A.		0.09	955	—	—
Others		76.57	271,629	—	—
Total		752.76	2,238,973	—	—
Fish paste and similar preparations not canned	Tonnes				
Pen. Malaysia		6,472.25	192,098	—	—
Sabah		—	—	—	—
Brunei		—	—	0.05	120
Singapore		21.13	14,098	—	—
Indonesia		19.77	9,203	—	—
Thailand		5.16	6,810	—	—
Hong Kong		—	—	—	—
Japan		0.05	1,671	16.62	46,495
Australia		0.01	54	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		0.03	353	—	—
Total		6,518.40	224,287	16.67	46,615
Shark fish prepared not canned	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.42	12,492	—	—
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		0.01	115	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		0.43	12,607	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Other fish and fish preparations not canned	Tonnes				
Pen. Malaysia		252.95	217,313	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		24.72	57,928	—	—
Indonesia		—	—	—	—
Thailand		114.25	219,615	—	—
Hong Kong		—	—	—	—
Japan		0.03	200	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.03	391	—	—
Others		0.93	5,862	—	—
Total		392.91	501,309	—	—
Abalone canned	Tonnes				
Pen. Malaysia		—	—	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.09	1,670	—	—
Indonesia		—	—	—	—
Thailand		0.03	130	—	—
Hong Kong		—	—	—	—
Japan		0.15	3,331	—	—
Australia		6.35	74,543	—	—
New Zealand		5.09	53,286	—	—
U.S.A.		0.86	14,565	—	—
Others		1.37	24,621	—	—
Total		13.94	172,146	—	—
Prawns and shrimps canned	Tonnes				
Pen. Malaysia		259.68	835,597	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		1.47	178	—	—
Indonesia		—	—	—	—
Thailand		0.21	975	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.05	209	—	—
Others		1.80	25	—	—
Total		263.21	836,984	—	—
Crabs canned	Tonnes				
Pen. Malaysia		2.47	10,791	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		0.80	1,991	—	—
Indonesia		—	—	—	—
Thailand		10.58	11,617	—	—
Hong Kong		—	—	—	—
Japan		0.09	696	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		0.06	937	—	—
Others		2.48	6,665	—	—
Total		16.48	32,697	—	—

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Cuttlefish canned	Tonnes				
Pen. Malaysia		1,422.53	885,256	—	—
Sabah		—	—	0.54	1,822
Brunei		—	—	—	—
Singapore		30.42	20,118	—	—
Indonesia		—	—	—	—
Thailand		0.17	265	—	—
Hong Kong		—	—	—	—
Japan		0.12	869	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		2,177.81	100,885	—	—
Total		3,631.05	1,007,393	0.54	1,822
Preparations of crustaceans and molluscs canned	Tonnes				
Pen. Malaysia		3,057.37	1,800,632	—	—
Sabah		—	—	0.22	3,375
Brunei		—	—	—	—
Singapore		0.25	1,061	—	—
Indonesia		—	—	—	—
Thailand		0.04	420	—	—
Hong Kong		0.03	113	—	—
Japan		0.57	5,293	—	—
Australia		0.05	119	—	—
New Zealand		—	—	—	—
U.S.A.		59.48	799	—	—
Others		74.29	175,931	—	—
Total		3,192.08	1,984,368	0.22	3,375
Preparations of crustaceans and molluscs not canned	Tonnes				
Pen. Malaysia		170.01	116,329	6.40	43,306
Sabah		—	—	1.26	7,144
Brunei		—	—	7.38	74,034
Singapore		1,576.32	264,316	3.30	27,577
Indonesia		0.18	1,107	—	—
Thailand		586.91	189,171	—	—
Hong Kong		0.71	2,151	—	—
Japan		1.46	2,364	—	—
Australia		0.01	286	141.85	1,531,913
New Zealand		—	—	—	—
U.S.A.		—	—	47.20	335,988
Others		9.15	27,856	81.53	588,524
Total		2,344.75	603,580	288.92	2,608,486
Other edible products of aquatic animal origin (including jelly fish)	Tonnes				
Pen. Malaysia		—	—	0.00	50
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		—	—	20.29	34,101
Indonesia		—	—	—	—
Thailand		—	—	—	—
Hong Kong		—	—	11.43	95,051
Japan		0.05	315	632.05	5,651,586
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
Total		0.05	315	663.77	5,780,788

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Total by Country	Tonnes				
Pen. Malaysia		14,332.84	10,096,157	132.05	622,186
Sabah		285.48	131,651	2.32	13,261
Brunei		0.03	95	85.59	238,935
Singapore		2,822.17	2,515,606	477.72	1,410,349
Indonesia		57.14	115,962	—	—
Thailand		857.25	788,426	0.45	2,760
Hong Kong		32.34	69,598	27.19	163,067
Japan		1,756.57	3,808,829	1,731.10	14,927,313
Australia		72.71	91,953	148.74	1,593,298
New Zealand		9.78	75,612	—	—
U.S.A.		65.30	38,547	136.01	1,014,691
Others		2,972.83	2,326,891	99.40	749,554
Grand Total		23,264.44	20,059,327	2,840.57	20,735,414

**IMPOT DAN EKSPOT IKAN DAN HASIL-HASIL PERIKANAN
SARAWAK, 1963 – 1980**

(Import and Export of Fish and Fish Products in
Sarawak, 1963 – 1980)

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

Jadual (Table) 7.8

Tahun (Year)	Impot (Import)		Ekspot (Export)	
	Kuantiti – M. Ton (Qty. – Tonnes)	Nilai C.I.F. \$ (Value C.I.F. \$)	Kuantiti – M. Ton (Qty. – Tonnes)	Nilai C.I.F. \$ (Value C.I.F. \$)
1963	3,750.29	5,478,765	416.56	279,379
1964	6,252.87	6,517,799	40.92	73,813
1965	4,617.90	6,179,568	97.24	179,875
1966	4,928.01	6,554,756	32.22	55,517
1967	4,341.77	5,255,127	269.60	613,984
1968	4,753.09	5,615,787	106.14	224,546
1969	4,868.64	5,795,682	112.43	268,075
1970	5,044.03	6,416,785	276.38	609,475
1971	4,166.61	5,338,441	909.85	2,209,041
1972	3,950.98	5,270,873	1,163.67	5,301,553
1973	6,285.60	8,156,581	1,381.07	7,146,986
1974	4,351.49	7,687,164	1,542.56	6,552,236
1975	4,912.73	9,553,139	1,292.25	5,770,850
1976	5,033.06	10,483,013	2,228.65	14,512,073
1977	5,182.73	11,749,997	3,155.22	21,904,917
1978	2,021.68	4,648,338	1,819.11	9,259,389
1979	5,584.79	10,776,951	3,695.10	26,469,248
1980	23,264.44	20,059,327	2,840.57	20,735,414

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

**PEMBETULAN KEPADA PERANGKAAN TAHUNAN PERIKANAN,
1979**

(Amendments to 1979 Annual Fisheries Statistics)

- 1. Jadual 3.6 muka surat 106 harus digantikan dengan jadual baru dimuka surat (i) penerbitan ini.**

Table 3.6 page 106 should be substituted by new table on page (i) of this edition.

(i)

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)

PENGUNAAN PENDARATAN IKAN LAUT 1979
(Disposition of Marine Fish Landings, 1979)

Jadual (Table) 3.6

Cara Penggunaan (Disposition Channel)	Negeri (State)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor (Johore)	JUMLAH (TOTAL)	
													Pikul (Piculs)	M. Tan (M. Tons)
Diguna secara hidup (Disposed alive)		—	—	—	—	—	—	—	—	—	—	—	—	—
Diguna secara basah (Disposed fresh)		296,310	116,879	407,733	2,227,498	876,182	7,256	38,810	242,697	843,015	194,361	652,188	5,902,929	357,104
Diguna untuk beku (Disposed for freezing)		—	—	—	—	—	—	—	—	—	—	—	—	—
Digunakan untuk mengetin (Disposed for canning)		- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -	- NA -
Digunakan untuk diawitkan (Disposed for curing)	Kering, Masin, Diasap (Dried/Salted/Smoked)	140	641,316	7,941	167,237	87,138	—	228	4,910	120,586	9,284	24,477	1,063,257	64,323
	Rebus (Steamed/boiled)	—	—	—	90,879	—	—	—	—	3,950	—	—	94,829	5,737
	Diragikan (Fermented)	—	934	22,716	42,413	13	—	776	410	2,304	—	20,134	89,700	5,427
	Lain-Lain (Others)	—	192	—	531	—	—	—	318	12,017	249	1,561	14,868	899
	Diguna untuk mengubahkan (Disposed for reduction)	—	261,908	7,428	469,972	375,000	—	—	—	—	26,216	256,324	1,396,848	84,504
Diguna untuk lain-lain (Disposed for others)		4,300	403,648	22,788	136,193	127,168	—	—	6,833	102,223	44,523	26,947	874,623	52,911
JUMLAH : PIKUL (TOTAL) : (PICULS)		300,750	1,424,877	468,606	3,134,723	1,465,501	7,256	39,814	255,168	1,084,095	274,633	981,631	9,437,054	570,905

KEDAH
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1980
(Number of Licensed Fishing Boats by Gear Group, Type and Tonnage, 1980)

Jadual (Table) 1.17(b)

Jenis Perkakas (Type of Fishing Gear)	Jumlah (Total)	Bot Tiada Berjentera (Non- powered)	Bot Berjentera Sangkut (Out-board powered)	Bot Berjentera Dalam (Inboard-powered)											
				Jumlah Kecil (Sub-Total)	0 – 4.9 Tan (Tons)	5 – 9.9 Tan (Tons)	10 – 14.9 Tan (Tons)	15 – 19.9 Tan (Tons)	20 – 24.9 Tan (Tons)	25 – 39.9 Tan (Tons)	40 – 49.9 Tan (Tons)	50 – 69.9 Tan (Tons)	70 – 99.9 Tan (Tons)	100 Tan Keatas (100 Tons & above)	
Pukat Tunda (Trawl Nets)	555	—	—	555	21	60	67	38	20	258	81	10	—	—	
Pukat Tarik (Seine Nets)	Pukat Jerut Ikan (Purse Seine-Fish)	57	5	—	52	—	—	1	3	4	34	5	4	1	—
	Pukat Jerut Bilis (Purse Seine-Anchovy)	120	—	—	120	—	—	—	2	1	54	34	28	1	—
	Lain-Lain (Other Seines)	65	15	45	5	5	—	—	—	—	—	—	—	—	—
Pukat Hanyut (Gill/Drift Nets)	1,673	263	1,057	353	197	112	23	12	6	3	—	—	—	—	—
Pukat Tangguk (Lift Nets)	109	—	49	60	30	30	—	—	—	—	—	—	—	—	—
Perangkap (Traps)	Belat-Belat (Stakes)	17	3	2	12	5	7	—	—	—	—	—	—	—	—
	Bubu (Portable)	8	3	4	1	—	—	1	—	—	—	—	—	—	—
Pancing (Hook & Lines)	295	169	88	38	29	4	5	—	—	—	—	—	—	—	—
Pukat Bakul (Bag Nets)	101	64	37	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung (Push/Scoop Nets)	10	9	1	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang (Barrier Nets)	66	36	30	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput (Shellfish Collections)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian (Miscellaneous)	13	13	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan (Fish Carriers)	43	—	—	43	—	—	—	—	—	4	8	25	6	—	—
Jumlah (Total)	3,132	580	1,313	1,239	287	213	97	55	31	353	128	67	8	—	—

SARAWAK

Pendaratan Pada Tahun 1980

Sarawak juga telah mengalami musim menangkap ikan yang kurang baik pada tahun 1980. Pendaratan telah menurun sebanyak 6% pada tahun 1980. Jumlah pendaratan yang telah terus naik semenjak tahun 60 an hingga 1977, telah mula berulang alek selepas tahun 1977. Pendaratan telah menurun pada 1978, naik dalam tahun 1979, dan menurun semula pada 1980.

Tiga jenis alat perkakas yang utama disini adalah pukat tunda yang mendaratkan 68% dari jumlah pendaratan, pukat hanyut yang mendaratkan 14% dari jumlah pendaratan dan pukat bakul yang mendaratkan 12% dari jumlah pendaratan. Pukat-pukat lain mendaratkan baki 6% dari jumlah pendaratan kecuali pukat bakul, dimana pendaratannya bertambah sebanyak 75% dalam tahun 1980 kesemua lain-lain alat perkakas mencatatkan kemerosotan dalam pendaratannya. Pukat tunda dan pukat hanyut pendaratan bersih telah merosot iaitu 11% dan 9% masing-masing manakala pendaratan alat-alat yang kecil merosot sebanyak 22%.

Jumlah pendaratan diSarawak dalam tahun 1980 adalah terdiri daripada ikan (57,637 tan), krustasea (18,775 tan) dan moluska (658 tan). Diantara ikan-ikan utama ialah ikan duri, ikan gelama, ikan tenggiri, ikan baja dan lain-lain ikan yang belum diasingkan serta belum dikelaskan mengikut jenisnya. Krustasea yang utama hanya udang laut. Kecuali ikan tenggiri, pendaratan semua ikan laut dan udang laut merosot dalam tahun 1980.

Perdagangan Luar Negeri Dalam Barangan Perikanan

Seperti dua kawasan lain diMalaysia, Sarawak juga sebuah negeri pengimpor bersih ikan dari segi kuantiti tetapi berbeza dengan negeri lain dimana ia bukan pengeksport bersih ikan dari segi nilai sungguhpun dimasa lalu Sarawak adalah pengeksport bersih ikan dari segi nilai, tahun 1980 adalah tahun pertama bila nilai impot hampir sama dengan nilai eksport, dan kuantiti impot telah bertambah lebih dari kuantiti eksport.

Jumlah impot kenegeri Sarawak dalam tahun 1980 adalah 23,264 tan bernilai \$20 juta. Ini adalah 317% pertambahan dalam kuantiti dan 86% pertambahan pada nilai, melebihi impot tahun lepas. Perkara utama didalam impot adalah ikan kering atau masin, keluaran ikan ditinkan, krustasea dan moluska yang ditinkan, dan persediaan ikan krustasea dan moluska yang tidak ditinkan.

Sejumlah besar impot berasal daripada Semenanjung Malaysia, Singapura dan Jepun. Jumlah eksport pada tahun 1980 ialah 2,841 tan dan bernilai \$21 juta. Ini adalah 23% penurunan dalam kuantiti dan 22% dalam nilainya apabila dibandingkan dengan tahun lalu. Eksport utama adalah ikan basah, udang basah atau disejukkan, persediaan-persediaan krustasea dan moluska yang tidak ditinkan dan lain-lain keluaran hidupan laut yang boleh dimakan. Eksport ini terutamanya ditujukan kepada Australia, Jepun, Singapura dan Amerika Syarikat.