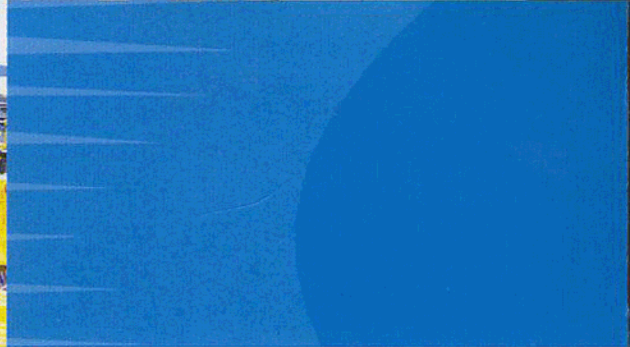




PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

**1995
(Volume 1)**



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PENDAHULUAN

Perangkaan Tahunan Perikanan adalah pengeluaran tahunan Jabatan Perikanan sebagai satu sumber bahan rujukan utama mengenai data dan maklumat-maklumat penting terhadap industri perikanan Malaysia. Maklumat-maklumat ini termasuk data eksport/import komoditi perikanan.

Data mengenai pengeluaran, nelayan, vesel, perkakas dan usaha menangkap ikan dimasukkan dalam Jilid ini (Jilid I) manakala data eksport/import (Jilid II) akan dicetak dan diedarkan berasingan kelak. Ini adalah kerana data eksport/import perlu disusun dari sumber-sumber lain.

Kami berharap penerbitan ini akan memberi faedah kepada semua terutamanya mereka yang memerlukan statistik perikanan yang terkini.

Terima kasih.

**Ketua Pengarah Perikanan
Jabatan Perikanan Malaysia
KUALA LUMPUR.**

FOREWORD

The Annual Fisheries Statistics is a bulletin produced annually by the Department of Fisheries as the main source of reference on vital data and informations on the Malaysian Fisheries Sector. It also includes the export/import data of fisheries commodities.

The data on production, fishermen, vessels, gears and fishing efforts are in this volume (Volume I) whereas the export/import data (Volume II) is separately published at a later date. This is due to the fact that the data is compiled from various sources.

We hope that this bulletin would be beneficial to all especially to those who require the latest fisheries statistics.

Thank you.

**Director-General of Fisheries
Department of Fisheries Malaysia
KUALA LUMPUR.**

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**KEDUDUKAN SEKTOR PERIKANAN
DI MALAYSIA**

***STATUS OF THE FISHERIES SECTOR
IN MALAYSIA***

KEDUDUKAN SEKTOR PERIKANAN DI MALAYSIA

1. LATARBELAKANG

Sektor perikanan di Malaysia memainkan peranan penting dari segi menyediakan pekerjaan, terutama kepada rakyat luar bandar dan sumbangan yang diberikannya bagi menentukan perkembangan ekonomi dan mungkin paling penting ialah peranannya menyediakan ikan untuk dimakan.

Pada dasarnya industri perikanan di Malaysia boleh dibahagikan kepada perikanan laut, akuakultur (ternakair) dan perairan umum. Walau bagaimanapun, perairan umum ketika ini kurang memberikan sumbangan yang nyata kepada industri perikanan. Bagi tujuan pengurusan, perikanan laut dibahagikan kepada sektor perikanan pantai dan sektor perikanan laut dalam. Akuakultur pula adalah meliputi ternakan ikan airtawar dan ternakan ikan airpayau. Ternakan airtawar dijalankan di kolam-kolam airtawar, sangkar airtawar, tangki simen dan bekas lombong. Sementara ternakan airpayau merangkumi kolam airpayau, sangkar airpayau dan ternakan moluska termasuk kerang, siput sudu dan tiram. Perikanan laut pantai telah dieksploitasikan ketahap berlebihan dan terdapat tanda-tanda yang tangkapan ikan telah sampai ketahap maksima. Walau bagaimanapun, perikanan laut dalam mempunyai potensi untuk dibangunkan. Bidang ternakair juga mempunyai masa depan yang baik untuk membangun dan berkembang. Berdasarkan kepada potensi sumber, usaha-usaha pembangunan adalah diarahkan kepada pembangunan sektor perikanan laut dalam dan akuakultur, sementara pengeluaran sektor perikanan pantai pula dikekalkan ditahap yang sama. Industri ikan hiasan pula, di tahun-tahun yang kebelakangan ini telah menunjukkan pertumbuhan yang ketara disegi pengeluaran dan eksport.

2. PROFAIL PERIKANAN

Dalam tahun 1995, jumlah pendaratan dari sektor perikanan adalah sebanyak 1,245,117 tan metrik bernilai RM3.15 bilion yang memberi sumbangan sebanyak 1.47% kepada keluaran dalam negara kasar (KDNK)*. Manakala dalam tahun 1994 jumlah pengeluaran dari sektor perikanan adalah sebanyak 1,181,763 tan metrik bernilai

* Laporan Bank Negara 1995

RM2.99 bilion dan menyumbang sebanyak 1.61% kepada KDNK. Terdapat peningkatan sebanyak 5.36% dari segi kuantiti jumlah pengeluaran dan 5.35% dari segi nilai jumlah pengeluaran. Walau bagaimanapun, terdapat penurunan sumbangan KDNK sebanyak 8.70%. Dari segi sumbangannya terhadap sektor pertanian, ia menyumbang sebanyak 19.19% dalam tahun 1995. Terdapat peningkatan sebanyak 1.80% sumbangannya keatas sektor pertanian dalam tahun 1995 berbanding tahun 1994. Dalam tahun 1994 ia menyumbang 18.85%.

Dalam tahun 1995, perikanan laut menyumbangkan sebanyak 1,108,436 tan metrik atau 89.02% daripada jumlah pengeluaran perikanan, sementara akuakultur tidak termasuk pengeluaran ikan hiasan menyumbang sebanyak 132,741.69 tan metrik atau 10.66% daripada jumlah pengeluaran perikanan. Perairan umum menyumbang sebanyak 3,938.94 tan metrik atau 0.32% daripada jumlah pengeluaran. Pengeluaran ikan hiasan sebaliknya menyumbang sebanyak 253,075,201 ekor. Dari segi nilai, perikanan laut menyumbang sebanyak RM2.711 bilion atau 86.05% dari nilai jumlah pengeluaran; sementara akuakultur termasuk ikan hiasan menyumbang sebanyak RM439.55 juta atau 13.95% daripada jumlah nilai pengeluaran.

Jumlah pendaratan dari perikanan laut meningkat sebanyak 4.02% dari 1,065,585 tan metrik dalam tahun 1994 kepada 1,108,436 tan metrik dalam tahun 1995. Dari segi nilai terdapat peningkatan sebanyak 4.98% dari RM2.584 bilion dalam tahun 1994 kepada RM2.711 bilion dalam tahun 1995. Sementara itu jumlah pengeluaran akuakultur tidak termasuk pengeluaran ikan hiasan juga meningkat sebanyak 16.32% dari 114,113.71 tan metrik dalam 1994 kepada 132,741.69 tan metrik dalam tahun 1995. Dari segi nilai, terdapat peningkatan sebanyak 7.57% dari RM365.04 juta dalam tahun 1994 kepada RM392.67 juta dalam tahun 1995. Pengeluaran ikan hiasan meningkat sebanyak 11.10% dari 227,790,460 ekor dalam tahun 1994 kepada 253,075,201 ekor dalam tahun 1995. Dari segi nilai terdapat peningkatan sebanyak 12.30% dari RM43.75 juta dalam tahun 1994 kepada RM49.13 juta dalam tahun 1995. Perairan umum mengeluarkan sebanyak 3,938.94 tan metrik ikan dalam tahun 1995 berbanding dengan 2,063.90 tan metrik ikan dalam tahun 1994. Ini adalah peningkatan sebanyak 90.85% dari segi pengeluaran.

Dari segi guna tenaga, sektor perikanan di Malaysia menyediakan pekerjaan secara terus kepada 82,200 nelayan dan 18,466 penternak dan ini memberi jumlah sebanyak 100,666 guna tenaga terlibat dalam industri perikanan. Ini menyumbang sebanyak 1.24% dari jumlah guna tenaga kerja di negara ini. Terdapat 34,906 vesel menangkap ikan di Malaysia dan jumlah alat menangkap ikan yang dilesenkan adalah 29,152 unit. Peralatan menangkap ikan yang utama adalah pukut tunda (19.32%), pukut jerut (6.30%), pukut hanyut (56.77%) dan pancing (8.47%).

3. PERIKANAN LAUT

3.1 Nelayan

Seramai 82,200 nelayan terlibat dalam sektor perikanan laut pada tahun 1995 berbanding dengan 79,802 nelayan dalam tahun 1994 dan ini menunjukkan peningkatan sebanyak 3.00%. Peningkatan bilangan nelayan adalah disebabkan pengeluaran lesen baru kepada vesel-vesel berizin sangkut di Semenanjung Malaysia. Penambahan jumlah bilangan nelayan di Semenanjung Malaysia adalah sebanyak 5.38%. Kebanyakan negeri-negeri di Semenanjung Malaysia menunjukkan penambahan jumlah bilangan nelayan. Johor Barat menunjukkan penambahan bilangan nelayan yang paling ketara sebanyak 35.84% diikuti oleh Pulau Pinang 25.05%, Negeri Sembilan sebanyak 12.37%, Perak sebanyak 9.58%, Terengganu sebanyak 5.51%, Johor Timur sebanyak 3.10%, Selangor sebanyak 2.43% dan Kedah sebanyak 1.90%. Walau bagaimanapun, Melaka menunjukkan penurunan sebanyak 15.78%, Kelantan 10.37%, Pahang 2.84% dan Perlis sebanyak 0.15%. Bilangan nelayan di Wilayah Persekutuan Labuan menunjukkan penurunan yang ketara sebanyak 46.19% dan Sarawak sebanyak 2.61%. Tidak ada perubahan bilangan nelayan di Sabah.

Bilangan nelayan yang bekerja diatas vesel-vesel menangkap ikan yang menggunakan peralatan komersil adalah sebanyak 33,869 orang iaitu 41.20% (23.91% nelayan diatas vesel-vesel pukut tunda dan 17.29% nelayan diatas vesel-vesel pukut jerut) dari jumlah bilangan nelayan yang bekerja di atas vesel-vesel menangkap ikan yang berlesen, sementara bilangan nelayan yang berkerja diatas vesel-vesel yang berlesen yang menggunakan peralatan tradisional adalah seramai 48,331 orang iaitu 58.80% dari jumlah bilangan nelayan yang bekerja diatas vesel-vesel menangkap ikan yang berlesen.

Sejumlah 6,191 kru asing telah diluluskan dalam tahun 1995 untuk bekerja diatas vesel-vesel menangkap ikan yang dilesenkan di Malaysia. Dari bilangan tersebut, sebanyak 6,046 kru asing yang telah diluluskan bekerja di Semenanjung Malaysia dan 129 di Labuan dan 16 di Sarawak. Peratusan bilangan kru asing yang telah diluluskan untuk bekerja diatas vesel-vesel menangkap ikan di Terengganu ialah 32.81%, Kelantan 15.85%, Pahang 13.37%, Perlis 15.10%, Labuan 2.08%, Johor Timur 7.66%, Sarawak 0.26%, Kedah 12.83%, Selangor 0.03% dan Perak 0.01%. Jumlah bilangan kru asing yang telah diluluskan untuk bekerja diatas vesel-vesel menangkap ikan yang dilesenkan di Malaysia bertambah sebanyak 9.65% (dari 5,646 orang dalam tahun 1994 kepada 6,191 orang dalam tahun 1995).

3.2 Vesel-Vesel Menangkap Ikan

Pada keseluruhannya bilangan vesel menangkap ikan meningkat dari 31,403 unit dalam tahun 1994 kepada 34,906 unit dalam tahun 1995 iaitu peningkatan sebanyak 11.15%. Peningkatan adalah disebabkan oleh peningkatan bilangan vesel-vesel menangkap ikan di Semenanjung Malaysia sebanyak 20.41% (dari 19,088 unit dalam tahun 1994 ke 22,984 unit dalam tahun 1995). Sarawak menunjukkan penurunan sebanyak 11.58% (dari 3,041 unit ke 2,689 unit) dan Labuan sebanyak 31.54% (dari 130 unit ke 89 unit). Jumlah bilangan vesel-vesel menangkap ikan laut dalam yang dilesenkan di Malaysia pada tahun 1995 adalah sebanyak 513 unit sementara bilangannya pada tahun 1994 adalah sebanyak 520 unit.

3.3 Perkakas Menangkap Ikan

Jumlah bilangan perkakas menangkap ikan yang dilesenkan dalam tahun 1995 meningkat sebanyak 12.75% jika dibandingkan dengan tahun 1994 (dari 25,856 unit dalam tahun 1994 kepada 29,152 unit dalam tahun 1995). Bagi semua negeri di Semenanjung Malaysia, jumlah perkakas menangkap ikan yang dilesenkan meningkat sebanyak 20.40% (dari 19,088 unit kepada 22,982 unit). Manakala Labuan, Sarawak dan Sabah menunjukkan penurunan jumlah perkakas menangkap ikan yang dilesenkan iaitu masing-masing sebanyak 44.03% (dari 159 unit kepada 89 unit), 12.59% (dari 3,447 unit kepada 3,013 unit) dan 2.97% (dari 3,162 unit kepada 3,068 unit).

3.4. Pendaratan Ikan Laut

Jumlah pendaratan dari tangkapan perikanan laut bertambah sebanyak 4.02% dari 1,065,585 tan metrik dalam tahun 1994 kepada 1,108,436 tan metrik dalam tahun 1995. Dari segi nilai, terdapat pertambahan sebanyak 4.91% dari RM2.584 bilion dalam tahun 1994 kepada 2.711 bilion dalam tahun 1995. Walaubagaimanapun, pendaratan ikan Gred 1 dan udang turun masing-masing sebanyak 1.30% (dari 45,795 tan metrik ke 45,198 tan metrik) dan 8.12% (dari 101,748 metrik ke 93,488 tan metrik). Walaupun pendaratan ikan Gred 1 menurun, nilainya meningkat sebanyak 3.19% (dari RM368.26 juta ke RM380.03 juta). Nilai udang juga menurun sebanyak 0.77% (dari RM677.27 juta ke RM672.07 juta). Kumpulan ikan yang lain iaitu ikan Gred II dan Gred III, ikan baja dan kerang-kerangan menunjuk peningkatan dalam pendaratan. Dari segi nilai, ikan Gred II dan Gred III, dan kerang-kerangan menunjukkan peningkatan dalam nilai. Ikan baja menunjukkan kemerosotan dalam nilai. Pendaratan ikan Gred II meningkat sebanyak 3.37% (dari 26,360 tan metrik ke 27,249 tan metrik), ikan Gred III sebanyak 7.03% (dari 567,920 tan metrik ke 607,824 tan metrik), ikan baja 1.37% (dari 314,364 tan metrik ke 318,695 tan metrik) dan kerang-kerangan sebanyak 70.17% (dari 9,392 tan metrik ke 15,982 tan metrik). Dari segi nilai, ikan Gred II meningkat sebanyak 1.01% (dari RM126.71 juta ke RM128.00 juta), ikan Gred III sebanyak 8.70% (dari RM1,309.82 juta ke RM1,423.72 juta) dan kerang-kerangan sebanyak 25.46% (dari RM20.74 juta ke RM26.02 juta). Pendaratan ikan kembong dan pelaling meningkat dengan ketara dalam tahun 1995 iaitu sebanyak 32,524 tan metrik. Jumlah penambahan pendaratan ikan laut adalah 42,851 tan metrik. Penambahan pendaratan ikan kembong dan pelaling adalah 75.90% penambahan jumlah pendaratan ikan laut. Pendaratan meningkat sebanyak 34.74% (dari 93,646 tan metrik ke 126,170 tan metrik).

Keseluruhan jumlah pendaratan ikan laut bagi Pantai Barat Semenanjung Malaysia bertambah sebanyak 14.89% (dari 460,302 tan metrik kepada 528,818 tan metrik). Semua negeri di Pantai Barat, Semenanjung Malaysia kecuali Negeri Sembilan menunjukkan pertambahan pendaratan ikan laut. Bagi Pantai Timur Semenanjung Malaysia pendaratan ikan laut berkurangan sebanyak 10.51% (dari 324,772 tan metrik kepada 290,646 tan metrik). Keseluruhan negeri-negeri Pantai Timur Semenanjung Malaysia, kecuali Pahang menunjukkan penurunan pendaratan ikan laut. Pertambahan pendaratan negeri Pahang adalah disebabkan oleh pindah pengkalan sementara vesel-

vesel dari negeri lain. Sabah dan Sarawak masing-masing menunjukkan peningkatan pendaratan sebanyak 3.83% (dari 160,328 tan metrik kepada 166,462 tan metrik), dan 3.80% (dari 95,624 tan metrik kepada 99,255 tan metrik). Labuan menunjukkan kemerosotan pendaratan ikan laut sebanyak 5.29% (dari 24,554 tan metrik ke 23,255 tan metrik).

3.4.1 Perikanan Laut Pantai

Perikanan laut pantai termasuk vesel-vesel tradisional dan vesel-vesel komersial bermuatan dibawah 70 GRT yang mengoperasikan semua jenis perkakas menangkap ikan. Perikanan laut pantai menyumbangkan sebanyak 969,814 tan metrik ikan dalam tahun 1995 iaitu 87.49% daripada jumlah pendaratan ikan laut di Malaysia berbanding dengan 930,049 tan metrik iaitu 87.28% daripada jumlah pendaratan ikan laut di Malaysia dalam tahun 1994. Dari segi kawasan pendaratan ikan, Pantai Barat Semenanjung Malaysia menyumbangkan sebanyak 50.86% (493,268 tan metrik), Pantai Timur Semenanjung Malaysia sebanyak 24.15% (234,199 tan metrik), Sabah sebanyak 16.87% (163,675 tan metrik), Labuan sebanyak 1.96% (18,962 tan metrik) dan Sarawak sebanyak 6.16% (59,710 tan metrik) daripada jumlah pendaratan perikanan laut pantai. Dari segi nilai, perikanan laut pantai menyumbangkan sebanyak RM2,429.95 juta dalam tahun 1995 iaitu 89.64% daripada jumlah nilai pendaratan ikan laut di Malaysia. Nilai perikanan laut pantai meningkat sebanyak 4.94% (dari RM2,315.52 juta dalam tahun 1994 kepada RM2,429.95 juta dalam tahun 1995).

Jumlah pendaratan perikanan laut pantai telah bertambah sebanyak 4.28% (daripada 930,049 tan metrik dalam tahun 1994 kepada 969,814 tan metrik dalam tahun 1995). Pertambahan ini adalah disebabkan pertambahan pendaratan dari Labuan 4.57% (dari 18,134 tan metrik kepada 18,962 tan metrik), Sabah 3.91% (dari 157,517 tan metrik kepada 163,675 tan metrik) dan Pantai Barat Semenanjung Malaysia sebanyak 14.20% (dari 431,932 tan metrik kepada 493,268 tan metrik). Walau bagaimanapun, terdapat penurunan pendaratan di Pantai Timur Semenanjung Malaysia iaitu sebanyak 8.25% (dari 255,271 tan metrik kepada 234,199 tan metrik) dan Sarawak sebanyak 11.14% (dari 67,195 tan metrik ke 59,710 tan metrik) daripada jumlah keseluruhan pendaratan perikanan laut pantai.

Malaysia
Pendaratan dan Nilai Perikanan Laut Pantai, 1995

	Pendaratan (Tan Metrik)	Nilai (RM)
Pantai Barat Semenanjung Malaysia	493,268	1,298,719,099
Pantai Timur Semenanjung Malaysia	234,199	458,145,457
Semenanjung Malaysia	727,467	1,756,864,556
Sabah	163,675	453,735,758
Sarawak	59,710	169,003,418
Wilayah Persekutuan Labuan	18,962	50,341,128
Jumlah	969,814	2,429,944,860

3.4.2 Perikanan Laut Dalam

Perikanan laut dalam termasuk vesel-vesel bermuatan 70 GRT dan ke atas mengoperasikan pukot tunda, pukot jerut (kecuali pukot jerut bilis), rawai/pancing, pukot hanyut dan beroperasi di perairan melebihi 30 batu nautika dari pantai. Perikanan laut dalam menghasilkan sebanyak 138,622 tan metrik ikan dalam tahun 1995 iaitu 12.51% daripada jumlah pendaratan ikan laut di Malaysia. Mengikut kawasan, Pantai Barat Semenanjung Malaysia menyumbangkan sebanyak 25.65% (35,550 tan metrik), Pantai Timur Semenanjung Malaysia sebanyak 40.72% (56,447 tan metrik), Sabah sebanyak 2.01% (2,787 tan metrik), Labuan sebanyak 3.09% (4,293 tan metrik) dan Sarawak sebanyak 28.53% (39,545 tan metrik) daripada jumlah keseluruhan pendaratan perikanan laut dalam. Berdasarkan perkakas menangkap ikan, pukot tunda mendaratkan sebanyak 76.34%, pukot jerut mendaratkan sebanyak 23.51% dan rawai/pancing mendaratkan sebanyak 0.15% ikan dari perikanan laut dalam. Dari segi nilai, perikanan laut dalam menyumbangkan sebanyak RM280.96 juta dalam tahun 1995 iaitu 10.36% daripada jumlah nilai pendaratan ikan laut di Malaysia. Nilai perikanan laut dalam bertambah sebanyak 4.54% (dari RM268.77 juta dalam tahun 1994 kepada RM280.96 juta dalam tahun 1995). Berdasarkan perkakas menangkap ikan, pukot tunda menyumbangkan sebanyak 70.26% (RM197.41 juta), pukot jerut sebanyak 29.45% (RM82.73 juta) dan rawai/pancing sebanyak 0.29% (RM0.82 juta) daripada jumlah nilai perikanan laut dalam.

Jumlah pendaratan perikanan laut dalam meningkat sebanyak 2.28% (dari 135,536 tan metrik dalam tahun 1994 kepada 138,622 tan metrik dalam tahun 1995) iaitu pertambahan dari Pantai Barat, Semenanjung Malaysia sebanyak 25.31% dan Sarawak sebanyak 39.10%. Pendaratan ikan laut dalam Pantai Timur, Semenanjung Malaysia menunjukkan kemerosotan sebanyak 18.79%, Sabah sebanyak 0.85% dan Labuan sebanyak 33.13%.

Jadual II

Malaysia
Pendaratan Perikanan Laut Dalam Mengikut Kumpulan Perkakas, 1995
(Kuantiti Dalam Tan Metrik)

	Pukat Tunda 70 GRT & Lebih	Pukat Jerut Ikan 70 GRT & Lebih	Rawai/ Pancing 70 GRT & Lebih	Jumlah
Pantai Barat Semenanjung Malaysia	27,604	7,946	0.00	35,550
Pantai Timur Semenanjung Malaysia	35,543	20,904	0.00	56,447
Semenanjung Malaysia	63,147	28,850	0.00	91,997
Sabah	0.00	2,657	1.30	2,787
Sarawak	39,545	0.00	0.00	39,545
Wilayah Persekutuan Labuan	3,131	1,084	78	4,293
Jumlah	105,823	32,591	208	138,622

Jadual III

Malaysia
Nilai Pendaratan Perikanan Laut Dalam Mengikut Kumpulan Perkakas, 1995
(Nilai Dalam RM)

	Pukat Tunda 70 GRT & Lebih	Pukat Jerut Ikan 70 GRT & Lebih	Rawai/ Pancing 70 GRT & Lebih	Jumlah
Pantai Barat Semenanjung Malaysia	51,493,998	20,171,720	0.00	71,665,718
Pantai Timur Semenanjung Malaysia	66,303,839	53,066,907	0.00	119,370,746
Semenanjung Malaysia	117,797,837	73,238,627	0.00	191,036,464
Sabah	0.00	6,745,062	510,820	7,255,882
Sarawak	73,769,387	0.00	0.00	73,769,387
Wilayah Persekutuan Labuan	5,840,737	2,751,843	306,492	8,899,072
Jumlah	197,407,961	82,735,532	817,312	280,960,805

4. TERNAKAIR

4.1 Penternak

Sejumlah 18,466 penternak terlibat dalam sektor ternakair dalam tahun 1995 berbanding dengan 18,143 penternak dalam tahun 1994 yang menunjukkan pertambahan sebanyak 1.58%. Seramai 14,217 penternak terlibat didalam ternakan dalam kolam airtawar, 236 didalam bekas lombong, 883 didalam ternakan sangkar airtawar, 323 didalam ternakan dalam tangki simen airtawar, 1,010 didalam ternakan kolam airpayau, 1,182 didalam ternakan sangkar airpayau, 269 didalam ternakan kerang, 171 didalam ternakan kupang dan 175 didalam ternakan tiram pada tahun 1995.

4.2 Pengeluaran Akuakultur

Jumlah pengeluaran akuakultur, tidak termasuk pengeluaran ikan hiasan telah meningkat sebanyak 16.32% dari 114,113.71 tan metrik dalam tahun 1994 kepada 132,741.69 tan metrik dalam tahun 1995. Nilai pengeluaran juga telah meningkat sebanyak 7.65% dari RM364.70 juta dalam tahun 1994 kepada RM392.67 juta dalam tahun 1995. Manakala, jumlah pengeluaran ikan hiasan meningkat sebanyak 11.10% dari 227,790,460 ekor dalam tahun 1994 kepada 253,075,201 ekor dalam tahun 1995. Dari segi nilai, peningkatan adalah sebanyak 12.30% (dari RM43.75 juta dalam tahun 1994 kepada RM49.13 juta dalam tahun 1995).

4.2.1 Ternakan Airtawar

Jumlah pengeluaran dari ternakan airtawar merosot sebanyak 0.57% daripada 18,598.39 tan metrik dalam tahun 1994 kepada 18,493.18 tan metrik pada tahun 1995. Penurunan pengeluaran ternakan airtawar adalah disebabkan kemerosotan hasil dari ternakan kolam airtawar dan bekas lombong. Dari segi nilai, terdapat pertambahan sebanyak 3.24% dari RM125.92 juta pada tahun 1994 kepada RM130.00 juta pada tahun 1995. Ternakan airtawar telah menyumbangkan sebanyak 13.93% daripada jumlah pengeluaran akuakultur dalam tahun 1995 dan dari segi nilai ianya menyumbangkan sebanyak 33.30% dari jumlah nilai akuakultur pada tahun 1995.

Pengeluaran dari ternakan kolam airtawar adalah yang tertinggi pada tahun 1995, menyumbangkan sebanyak 76.89% (14,220.13 tan metrik) diikuti oleh pengeluaran dari bekas lombong yang menyumbangkan sebanyak 8.84% (1,633.93 tan metrik), ternakan dalam sangkar airtawar menyumbang sebanyak 8.29% (1,533.79 tan metrik) dan ternakan airtawar dari tangki simen menyumbangkan sebanyak 5.98% (1,105.33 tan metrik) daripada jumlah pengeluaran ternakan airtawar. Keluasan kawasan ternakan adalah seperti berikut; ternakan kolam airtawar seluas 5,366.71 hektar, ternakan di kawasan bekas lombong seluas 1,155.53 hektar, ternakan dalam sangkar seluas 79,633.17 meter persegi dan ternakan airtawar di dalam tangki simen 61,195.55 meter persegi.

Pengeluaran dari kolam airtawar dalam tahun 1995 merosot sebanyak 1.82% (dari 14,484.31 tan metrik kepada 14,220.13 tan metrik). Tetapi dari segi nilai meningkat sebanyak 2.37% (dari RM109.04 juta kepada RM111.62 juta). Tiga spesies utama yang ditenak didalam kolam air tawar di Semenanjung Malaysia dalam tahun 1995 ialah belut dengan pengeluaran sebanyak 2,968.57 tan metrik diikuti oleh tilapia merah dengan pengeluaran sebanyak 1,291.25 tan metrik dan ikan keli dengan pengeluaran sebanyak 986.97 tan metrik. Di Sabah, tiga spesies utama yang ditenak di kolam airtawar pula ialah tilapia hitam dengan pengeluaran sebanyak 3,606.00 tan metrik diikuti oleh tilapia merah dengan pengeluaran sebanyak 1,055.00 tan metrik dan lampam jawa dengan pengeluaran sebanyak 831.00 tan metrik. Di Sarawak, tiga spesies utama ternakan kolam airtawar ialah tilapia merah dengan pengeluaran sebanyak 162.29 tan metrik diikuti oleh jelawat dengan pengeluaran sebanyak 162.21 tan metrik dan lampam jawa dengan pengeluaran sebanyak 81.14 tan metrik. Purata pengeluaran ternakan kolam airtawar dalam tahun 1995 adalah sebanyak 2.65 tan metrik/hektar/tahun.

Jumlah keseluruhan pengeluaran ternakan airtawar dalam bekas lombong merosot sebanyak 6.48% (dari 1,747.21 tan metrik dalam tahun 1994 kepada 1,633.93 tan metrik dalam tahun 1995) tetapi dari segi nilai ia menurun sebanyak 7.11% (dari RM5.91 juta kepada RM5.49 juta). Kemerosotan pengeluaran disebabkan oleh purata pengeluaran menurun daripada 1.61 tan metrik/hektar/tahun dalam tahun 1994 kepada 1.41 tan metrik/hektar/tahun dalam tahun 1995. Tiga spesies utama ternakan airtawar dalam bekas lombong ialah kap kepala besar yang menyumbangkan sebanyak 27.53%

(449.86 tan metrik), tilapia merah yang menyumbangkan sebanyak 26.90% (439.59 tan metrik) dan kap rumput yang menyumbangkan sebanyak 15.91% (259.92 tan metrik) dari jumlah pengeluaran keseluruhan spesies yang ditenak dalam bekas lombong.

Jumlah pengeluaran dari sangkar airtawar telah meningkat sebanyak 8.54% (dari 1,413.06 tan metrik dalam tahun 1994 kepada 1,533.79 tan metrik dalam tahun 1995). Peningkatan pengeluaran adalah disebabkan oleh peningkatan kawasan ternakan. Kedapatan pertambahan luas kawasan ternakan dari 56,796.41 meter persegi dalam tahun 1994 kepada 79,633.17 meter persegi dalam tahun 1995. Purata pengeluaran menurun dari 24.88 kg/meter persegi/tahun dalam tahun 1994 kepada 19.26 kg/meter persegi/tahun dalam tahun 1995. Tiga spesies utama ternakan adalah tilapia merah yang menyumbangkan sebanyak 60.86% (933.45 tan metrik), patin (*Pangasius pangasius*) yang menyumbangkan sebanyak 28.31% (434.28 tan metrik) dan baung (*Mystus nemurus*) yang menyumbangkan sebanyak 5.05% (77.38 tan metrik) dari jumlah keseluruhan pengeluaran ternakan sangkar airtawar.

Jumlah pengeluaran keseluruhan ternakan airtawar dari tangki simen telah meningkat sebanyak 15.89% (dari 953.81 tan metrik dalam tahun 1994 kepada 1,105.33 tan metrik dalam tahun 1995). Peningkatan ini disebabkan pertambahan luas kawasan ternakan. Luas kawasan ternakan telah meningkat sebanyak 26.79% (dari 48,263.63 meter persegi kepada 61,195.55 meter persegi). Purata pengeluaran merosot dari 19.76 kg/meter persegi/tahun dalam tahun 1994 kepada 18.06 kg/meter persegi/tahun dalam tahun 1995. Nilai telah meningkat sebanyak 16.84% (dari RM3.80 juta kepada RM4.44 juta). Dua spesis utama yang ditenak adalah tilapia merah yang menyumbangkan sebanyak 85.54% (945.45 tan metrik) dan keli yang menyumbangkan sebanyak 10.68% (118.07 tan metrik) daripada jumlah pengeluaran ternakan tangki simen.

4.2.2 Ternakan Airpayau

Jumlah pengeluaran ternakan airpayau meningkat sebanyak 19.61% dari 95,515.32 tan metrik dalam tahun 1994 kepada 114,248.51 tan metrik dalam tahun 1995. Peningkatan pengeluaran ini adalah dari pengeluaran kerang, ternakan kolam airpayau dan ternakan tiram. Pengeluaran ternakan kolam airpayau meningkat sebanyak 12.91% (daripada 6,559.88 tan metrik kepada 7,406.97 tan metrik). Ternakan kerang meningkat sebanyak 21.79% (daripada 82,335.04 tan metrik kepada 100,275.76 tan

metrik) dan ternakan tiram meningkat sebanyak 16.82% (daripada 22.35 tan metrik kepada 26.11 tan metrik). Pengeluaran ternakan sangkar airpayau dan siput sudu menurun. Pengeluaran siput sudu menurun sebanyak 19.75% (dari 969.24 tan metrik kepada 777.80 tan metrik) dan pengeluaran dari sangkar airpayau menurun sebanyak 2.36% (dari 5,628.81 tan metrik kepada 5,761.87 tan metrik). Dari segi nilai ternakan airpayau meningkat sebanyak 9.84% (dari RM239.13 juta dalam tahun 1994 kepada RM262.67 juta dalam tahun 1995).

Keluasan kawasan ternakan adalah seperti berikut; ternakan kolam airpayau seluas 2,623.44 hektar, ternakan sangkar airpayau seluas 715,152.25 meter persegi, ternakan kerang seluas 4,752.51 hektar, ternakan siput sudu seluas 62,029.75 meter persegi dan ternakan tiram seluas 83,317.96 meter persegi .

Dalam tahun 1995 pengeluaran kerang adalah yang tertinggi sekali diantara pengeluaran ternakan airpayau dengan menyumbang sebanyak 87.77% (100,275.76 tan metrik) dari jumlah keseluruhan pengeluaran ternakan airpayau. Manakala pengeluaran ternakan kolam airpayau menyumbang sebanyak 6.48% (7,406.97 tan metrik), sangkar airpayau sebanyak 5.05% (5,761.87 tan metrik), siput sudu sebanyak 0.68% (777.80 tan metrik) dan tiram sebanyak 0.02% (26.11 tan metrik). Walau bagaimanapun, dari segi nilai ternakan kolam airpayau menyumbangkan nilai yang paling tinggi diantara ternakan airpayau yang lain iaitu sebanyak 52.88% (RM137.70 juta) diikuti dengan ternakan sangkar airpayau sebanyak 31.75% (RM82.68 juta), kerang 15.11% (RM39.36 juta), siput sudu 0.16% (RM0.41 juta) dan tiram 0.10% (RM0.26 juta).

Spesis utama yang ditenak di dalam kolam airpayau masih lagi udang harimau dengan pengeluaran sebanyak 90.63% (6,712.71 tan metrik) daripada jumlah keseluruhan ternakan kolam airpayau. Lain-lain spesis ternakan ialah udang putih, siakap, jenahak, ketam dan lain-lain spesis dengan jumlah pengeluaran sebanyak 9.37% (694.26 tan metrik) dari jumlah keseluruhan pengeluaran ternakan kolam airpayau. Adalah diperhatikan bahawa pengeluaran udang harimau meningkat sebanyak 15.94% (dari 5,789.46 tan metrik kepada 6,712.17 tan metrik). Purata pengeluaran juga telah meningkat dari 2.68 tan metrik/hektar/tahun dalam tahun 1994 kepada 2.82 tan metrik/hektar/tahun dalam tahun 1995. Luas kawasan ternakan pada masa yang sama

telah bertambah sebanyak 7.20% (dari 2,447.34 hektar kepada 2,623.44 hektar). Bagi tahun 1995 julat purata pengeluaran paling minima adalah sebanyak 1.03 tan metrik/hektar/tahun dan tahap paling maksima sebanyak 10.32 tan metrik/hektar/tahun.

Pengeluaran dari kolam airpayau telah meningkat di semua negeri kecuali negeri Perlis dan Kedah. Pengeluaran bagi negeri Pahang meningkat sebanyak 125.04% (dari 347.47 tan metrik kepada 781.93 tan metrik), Sarawak sebanyak 100.04% (dari 50.00 tan metrik kepada 100.02 tan metrik), Terengganu sebanyak 51.00% (dari 54.77 tan metrik kepada 82.70 tan metrik), Melaka 26.44% (dari 49.50 tan metrik kepada 62.59 tan metrik), Kelantan 19.79% (dari 145.41 tan metrik kepada 174.19 tan metrik), Perak 16.94% (dari 1,226.15 tan metrik kepada 1,433.84 tan metrik), Negeri Sembilan 10.59% (dari 113.24 tan metrik kepada 125.23 tan metrik), Selangor 9.89% (dari 931.06 tan metrik kepada 1,023.11 tan metrik), Pulau Pinang 6.88% (dari 567.33 tan metrik kepada 606.37 tan metrik), Sabah 6.25% (dari 1,600.00 tan metrik kepada 1,700.00 tan metrik) dan Johor 5.48% (dari 793.89 tan metrik kepada 837.39 tan metrik). Manakala negeri Perlis dan Kedah sebaliknya masing-masing telah menunjukkan penurunan didalam pengeluaran dari kolam airpayau sebanyak 14.88% (dari 93.96 tan metrik kepada 79.98 tan metrik) dan 31.93% (dari 587.11 tan metrik ke 399.62 tan metrik). Ini adalah disebabkan terdapat masalah penyakit ikan dan juga alam sekitar.

Dari segi nilai pengeluaran terdapat pertambahan nilai pengeluaran ternakan kolam airpayau sebanyak 12.29% (dari RM122.63 juta kepada RM137.70 juta). Pertambahan ini adalah disumbangkan oleh pertambahan pengeluaran udang harimau iaitu peningkatan sejumlah RM19.81 juta (dari RM111.57 juta kepada RM131.38 juta). Jumlah keseluruhan nilai pengeluaran udang harimau menyumbang sebanyak 95.41% dari jumlah nilai keseluruhan pengeluaran kolam airpayau.

Tiga spesis utama ternakan didalam sangkar airpayau ialah siakap sebanyak 33.31% (1,919.18 tan metrik) diikuti oleh jenahak sebanyak 28.80% (1,659.32 tan metrik) dan kerapu sebanyak 14.47% (833.74 tan metrik). Pengeluaran siakap dari sangkar airpayau menunjukkan kejatuhan sebanyak 26.02% (dari 2,594.20 tan metrik kepada 1,919.18 tan metrik) manakala jenahak meningkat sebanyak 23.96% (dari 1,338.62 tan metrik kepada 1,659.32 tan metrik) dan kerapu menurun sebanyak 10.42% (dari 930.71 tan metrik kepada 833.74 tan metrik). Luas kawasan ternakan sangkar airpayau telah

meningkat sebanyak 5.26% (dari 679,438.75 meter persegi kepada 715,152.25 meter persegi). Jumlah pengeluaran dari sangkar airpayau telah meningkat di Pahang sebanyak 273.26% (dari 0.86 tan metrik kepada 3.21 tan metrik), Kedah sebanyak 36.08% (dari 118.08 tan metrik kepada 160.68 tan metrik), Johor sebanyak 29.60% (dari 808.90 tan metrik kepada 1,048.37 tan metrik) dan Sabah sebanyak 25.32% (dari 703.00 tan metrik kepada 881.00 tan metrik). Walau bagaimanapun, pengeluaran untuk negeri Sarawak menurun sebanyak 87.50% (dari 32.00 tan metrik kepada 4.00 tan metrik), Melaka sebanyak 51.86% (dari 8.35 tan metrik kepada 4.02 tan metrik), Kelantan sebanyak 47.82% (dari 37.18 tan metrik kepada 19.40 tan metrik), Terengganu sebanyak 44.74% (dari 7.04 tan metrik kepada 3.89 tan metrik), Selangor sebanyak 14.33% (dari 1,147.66 tan metrik kepada 983.19 tan metrik), Pulau Pinang sebanyak 5.82% (dari 1,173.36 tan metrik kepada 1,105.10 tan metrik), Perlis sebanyak 4.61% (dari 16.26 tan metrik kepada 15.51 tan metrik) dan Perak 2.70% (dari 1,576.12 tan metrik kepada 1,533.50 tan metrik). Tiada pengeluaran bagi Negeri Sembilan untuk tahun 1995 disebabkan tiada sangkar yang aktif. Jumlah keseluruhan pengeluaran dari sangkar airpayau telah meningkat sebanyak 2.36% (dari 5,628.81 tan metrik kepada 5,761.87 tan metrik). Nilai keseluruhan pengeluaran telah meningkat sebanyak 4.27% (dari RM81.46 juta kepada RM84.94 juta).

Jumlah pengeluaran kerang adalah sebanyak 100,275.76 tan metrik dalam tahun 1995 dengan nilai RM39.36 juta. Tiga negeri utama pengeluar kerang adalah Perak sebanyak 70.06% (70,256.73 tan metrik), Pulau Pinang sebanyak 15.07% (15,113.84 tan metrik) dan Selangor sebanyak 13.76% (13,799.01 tan metrik) dari jumlah pengeluaran kerang negara. Tiga negeri lain iaitu Sabah, Johor dan Negeri Sembilan yang juga mengeluarkan kerang menyumbangkan sebanyak 1.11% (1,106.18 tan metrik) dari jumlah pengeluaran kerang negara.

Pengeluaran siput sudu telah menurun pada tahun 1995 sebanyak 19.75% (dari 969.24 tan metrik kepada 777.80 tan metrik). Nilai pengeluaran siput sudu adalah sama iaitu RM0.41 juta. Penurunan pengeluaran siput sudu adalah disebabkan terdapat kekurangan pembekalan benih siput sudu. Negeri Johor adalah negeri utama yang mengeluarkan siput sudu pada tahun 1995. Pengeluaran siput sudu di negeri Johor menyumbangkan sejumlah 85.03% (661.03 tan metrik) daripada keseluruhan pengeluaran siput sudu di Malaysia. Walau bagaimanapun, terdapat penurunan

pengeluaran siput sudu di negeri Johor sebanyak 22.80% (dari 856.72 tan metrik kepada 661.36 tan metrik). Sabah menunjukkan pertambahan siput sudu sebanyak 112.63% (dari 8.00 tan metrik kepada 17.01 tan metrik), Perak sebanyak 110.40% (dari 3.27 tan metrik kepada 6.88 tan metrik) dan Melaka sebanyak 62.19% (dari 39.57 tan metrik kepada 64.18 tan metrik).

Jumlah pengeluaran ternakan tiram adalah 26.11 tan metrik dalam tahun 1995 dan menunjukkan pertambahan 16.82% berbanding dengan 22.35 tan metrik dalam tahun 1994. Nilai pengeluaran ternakan tiram juga meningkat sebanyak 13.04% (dari RM0.23 juta kepada RM0.26 juta). Tiga negeri utama yang mengeluarkan tiram adalah Sabah sebanyak 39.33% (10.27 tan metrik) diikuti oleh Kedah sebanyak 30.79% (8.04 tan metrik) dan Terengganu sebanyak 11.99% (3.13 tan metrik).

4.2.3 Ikan Hiasan

Jumlah pengeluaran ikan hiasan meningkat sebanyak 11.10% dari 227,790,460 ekor dalam tahun 1994 kepada 253,075,201 ekor dalam tahun 1995. Dari segi nilai terdapat peningkatan sebanyak 12.30% (dari RM43.75 juta dalam tahun 1994 kepada RM49.13 juta dalam tahun 1995). Johor masih kekal sebagai pengeluar utama ikan hiasan yang menyumbangkan sebanyak 156,847,804 ekor iaitu 61.97% dari jumlah keseluruhan pengeluaran ikan hiasan dalam tahun 1995. Ini diikuti oleh Perak yang menyumbangkan sebanyak 55,655,672 ekor iaitu 21.99%, Selangor menyumbangkan sebanyak 27,827,836 ekor iaitu 10.99% dan Pulau Pinang menyumbangkan sebanyak 12,649,017 ekor iaitu 4.99% dari jumlah pengeluaran ikan hiasan dalam tahun 1995. Dua kumpulan utama yang dikeluarkan adalah 'Cyprinids' menyumbangkan sebanyak 39.79% (ikan Emas dan Koi 24.22%, Barb dan Danio 15.57%) dan 'Poecilids' menyumbangkan sebanyak 20.23% dari jumlah pengeluaran ikan hiasan.

5. PERAIRAN UMUM

Perairan umum adalah ditakrifkan sebagai pengeluaran ikan dari sumber perairan umum iaitu sungai, tasik, bekas lombong dan empangan. Pendaratan dari perairan umum meningkat sebanyak 90.58% dari 2,063.90 tan metrik dalam tahun 1994 kepada 3,938.94 tan metrik dalam tahun 1995. Kelantan, Perlis, Pahang, Johor, Selangor dan Kedah menunjukkan peningkatan dalam pendaratan masing-masing sebanyak 131.03%, 73.74%, 59.79%, 15.12%, 11.15% dan 5.33%.

STATUS OF THE FISHERIES SECTOR IN MALAYSIA

1. INTRODUCTION

The fisheries sector in Malaysia plays a significant role with regards to the provision of employment, especially in rural areas, and in the support it provides to economic growth and perhaps most importantly, however, is its role in the provision of fish as food.

Basically the fisheries industry in Malaysia can be divided into marine fisheries, aquaculture and public waterbodies. However, public waterbodies at this present moment do not contribute significantly to the fisheries industry. For management purposes, the marine fisheries are categorised into the inshore sector and the deep-sea sector. Aquaculture on the other hand covers freshwater culture and brackishwater culture. Freshwater culture is carried out in freshwater ponds, freshwater cages, cement tanks and ex-mining pools. On the other hand, brackishwater culture covers brackishwater ponds, brackishwater cages and mollusc culture comprising of cockle, mussel and oyster culture. The inshore fisheries are already heavily exploited and there is evidence that fishing is over-saturated. However, the deep-sea fisheries has further potential for development. Aquaculture also offers bright prospects for further development and expansion. Based on resource potential, development is geared towards the deep sea fisheries and aquaculture sector while sustaining production from the inshore sector. Ornamental fish industry in the past few years has also shown significant growth in terms of production and export.

2. FISHERIES PROFILE

In 1995, the total production from the fisheries sector amounted to 1,245,117 tonnes valued at RM3.15 billion constituting about 1.47% of the national Gross Domestic Product (GDP)*, while in 1994, the total production from the fisheries sector amounted to 1,181,763 tonnes valued at RM2.99 billion and constituted about 1.61% of the national GDP. There was an increase of 5.36% in terms of the quantity of the total

* Bank Negara Report 1995.

production and 5.35% in terms of the value of the total production. However, there was a decrease in the contribution to the GDP by 8.70%. In terms of its contribution to the agricultural sector it contributed 19.19% in 1995. There was an increase of 1.80% in its contribution to the agricultural sector in 1995 compared to 1994. In 1994 it contributed 18.85%.

In 1995, the marine fisheries contributed 1,108,436 tonnes or 89.02% of the total production, while aquaculture excluding ornamental fish production contributed 132,741.69 tonnes or 10.66% of the total production. The public water bodies contributed 3,938.94 tonnes or 0.32% of the total production. The ornamental fish on the other hand contributed 253,075,201 pieces. In terms of value, the marine fisheries contributed RM2.711 billion or 86.05% of the total production value; while aquaculture including ornamental fish contributed RM439.55 million or 13.95% of the total production value.

The total landing from marine capture fisheries increased by 4.02% from 1,065,585 tonnes in 1994 to 1,108,436 tonnes in 1995. In terms of value, there was an increase of 4.98% from RM2.584 billion in 1994 to RM2.711 billion in 1995. Meanwhile, the total production of aquaculture, excluding ornamental fish production also increased by 16.32% from 114,113.71 tonnes in 1994 to 132,741.69 tonnes in 1995. In terms of value, there was an increase of 7.57% from RM365.04 million in 1994 to RM392.67 million in 1995. The ornamental fish production increased by 11.10% from 227,790,460 pieces in 1994 to 253,075,201 pieces in 1995. In terms of value, there was an increase of 12.30% from RM43.75 million in 1994 to RM49.13 million in 1995. The public waterbodies produced 3,938.94 tonnes of fish in 1995 compared to 2,063.90 tonnes of fish in 1994. This is an increase of 90.85% in production.

With regard to employment, the fisheries sector in Malaysia provided direct employment to 82,200 fishermen and 18,466 aquaculturists giving a total of 100,666 manpower employed in the fisheries industry. This constituted about 1.24% of the total labour force in the country. There were about 34,906 fishing vessels in Malaysia and the total number of gears licenced was 29,152 units. The major fishing gears were trawl nets (19.32%), purse seine nets (6.30%), drift/gill nets (56.77%) and hooks and lines (8.47%).

3 MARINE FISHERIES

3.1 Fishermen

A total of 82,200 fishermen were engaged in the marine fisheries sector in 1995 compared to 79,802 fishermen in 1994, thus showing an increase of 3.00%. The increase in total number of fishermen was due to the issuance of new licences for the outboard motor vessels in Peninsular Malaysia. The increase in the number of fishermen in Peninsular Malaysia was 5.38%. Most of the states in the Peninsular Malaysia showed an increase in the total number of fishermen. West Johor showed the most significant increase in the number of fishermen by 35.84% followed by Pulau Pinang 25.05%, Negeri Sembilan 12.37%, Perak 9.58%, Terengganu 5.51%, East Johor 3.10%, Selangor 2.43% and Kedah 1.90%. However, Melaka showed a decrease of 15.78%, Kelantan 10.37%, Pahang 2.84% and Perlis 0.15%. The number of fishermen in Federal Territory of Labuan showed significant decrease by 46.19% and Sarawak by 2.61%. The number of fishermen in Sabah showed no changes.

The number of fishermen working on licensed fishing vessels using commercial gears was 33,869 which was 41.20% (23.91% fishermen on trawlers and 17.29% fishermen on fish purse seiners) of the total number of fishermen working on licensed fishing vessels, while the number of fishermen working on licensed fishing vessels using traditional gears was 48,331 i.e. 58.80% of the total number of fishermen working on licensed fishing vessels.

A total of 6,191 foreign crews had been approved in 1995 to work on fishing vessels licensed in Malaysia. Of this, 6,046 foreign crews had been approved to work in Peninsular Malaysia and 129 in Labuan and 16 in Sarawak. The percentage of the total foreign crews had been approved to work on fishing vessels in Terengganu was 32.81%, Kelantan 15.85%, Pahang 13.37%, Perlis 15.10%, Labuan 2.08%, East Johor 7.66%, Sarawak 0.26%, Kedah 12.83%, Selangor 0.03% and Perak 0.01%. The total number of foreign crews approved to work on fishing vessels licensed in Malaysia increased by 9.65% (from 5,646 crews in 1994 to 6,191 crews in 1995).

3.2 Fishing Vessels

On the whole the fishing vessels in Malaysia increased from 31,403 units in 1994 to 34,906 units in 1995 i.e. an increase of 11.15%. An increase was attributed by Peninsular Malaysia that was by 20.41% (from 19,088 units in 1994 to 22,984 units in 1995). Sarawak decreased by 11.58% (from 3,041 units to 2,689 units) and Labuan by 31.54% (from 130 units to 89 units). The total number of deep sea fishing vessels licensed in Malaysia in 1995 was 513 units while in 1994, it was 520 units.

3.3 Fishing Gears

The total number of fishing gears licensed in 1995 increased by 12.75% compared to 1994 (from 25,856 units in 1994 to 29,152 units in 1995). For all the states in Peninsular Malaysia there was an increase of 20.40% fishing gears licensed (from 19,088 units to 22,982 units). While Labuan, Sarawak and Sabah showed a decrease in the number of fishing gears licensed by 44.03% (from 159 units to 89 units), 12.59% (from 3,447 units to 3,013 units) and 2.97% (from 3,162 units to 3,068 units) respectively.

3.4 Marine Fisheries Landings

The total landing from marine capture fisheries increased by 4.02% from 1,065,585 tonnes in 1994 to 1,108,436 tonnes in 1995. In terms of value there was an increase of 4.91% from RM2.584 billion in 1994 to RM2.711 billion in 1995. However, the landing of Grade I fish and prawns decreased by 1.30% (from 45,795 tonnes to 45,198 tonnes) and 8.12% (from 101,748 tonnes to 93,488 tonnes) respectively. Although there was a decrease in landing of Grade I fish, its value increased by 3.19% (from RM368.26 million to RM380.03 million). The value of prawns being landed on the other hand decreased by 0.77% (from RM677.27 million to RM672.07 million). The other group of fish, i.e. Gred II and Gred III fish, trash fish, and shellfish showed an increase in landing in terms of quantity. In terms of value, Gred II and Gred III fish, and shellfish showed an increase in value. Trash fish showed a decrease in value. The quantity landed for Gred II fish increased by 3.37% (from 26,360 tonnes to 27,249 tonnes), Gred III fish 7.03% (from 567,920 tonnes to 607,824 tonnes), trash fish 1.37% (from 314,364 tonnes to 318,695 tonnes) and shellfish 70.17% (from 9,392 tonnes to 15,982 tonnes). In terms of value Gred II fish increased by 1.01% (from RM126.71 million to RM128.00 million), Gred III, 8.70% (from RM1,309.82 million to RM1,423.72 million) and shellfish

25.46% (from RM20.74 million to RM26.02 million). There was a significant increase in Indian mackerel and Indo Pacific mackerel landing in 1995 i.e. 32,524 tonnes. The increase in total marine landing was 42,851 tonnes. The increase in Indian mackerel and Indo Pacific mackerel landing constituted 75.90% of the increase in the total marine landing. The landing increased by 34.73% (from 93,646 tonnes to 126,170 tonnes).

The overall total marine landing for the West Coast of Peninsular Malaysia increased by 14.89% (from 460,302 tonnes to 528,818 tonnes). All the states in the West Coast of Peninsular Malaysia except Negeri Sembilan showed an increase in their total marine landing. The East Coast of Peninsular Malaysia showed a decrease in its total marine landing by 10.51% (from 324,772 tonnes to 290,646 tonnes). All the states in the East Coast of Peninsular Malaysia except Pahang showed a decrease in their total marine landing. The increase in Pahang landing was due to the temporary transfer of vessels from other states. Sabah and Sarawak showed an increase in their marine landing by 3.83% (from 160,328 tonnes to 166,462 tonnes) and 3.80% (from 95,624 tonnes to 99,255 tonnes) respectively. Labuan showed a decrease in its marine landing by 5.29% (from 24,554 tonnes to 23,255 tonnes).

3.4.1 Inshore Fisheries

The inshore fisheries includes traditional vessels and commercial vessels of below 70 GRT operating all types of gears. The inshore fisheries contributed a total of 969,814 tonnes of fish in 1995 which was 87.49% of the total marine fish landing of Malaysia compared to 930,049 tonnes in 1994 i.e. 87.28% of the total landing of marine fisheries in Malaysia. In terms of area of landing, West Coast of Peninsular Malaysia contributed 50.86% (493,268 tonnes), East Coast of Peninsular Malaysia 24.15% (234,199 tonnes), Sabah 16.87% (163,675 tonnes), Labuan 1.96% (18,962 tonnes) and Sarawak 6.16% (59,710 tonnes) of the total landing of the inshore fisheries. By value, the inshore fisheries contributed RM2,429.95 million in 1995 which was 89.64% of the total marine fish landing value of Malaysia. The value of inshore fisheries increased by 4.94% (from RM2,315.52 million in 1994 to RM2,429.95 million in 1995).

The total inshore marine fisheries landing had increased by 4.28% (from 930,049 tonnes in 1994 to 969,814 tonnes in 1995). The increase came from Labuan by 4.57% (from 18,134 tonnes to 18,962 tonnes), Sabah by 3.91% (from 157,517 tonnes to 163,675 tonnes) and West Coast of Peninsular Malaysia by 14.20% (from 431,932 tonnes to 493,268 tonnes). However, East Coast of Peninsular Malaysia showed a decrease of 8.25% (from 255,271 tonnes to 234,199 tonnes) and Sarawak 11.14% (from 67,195 tonnes to 59,710 tonnes) in its inshore marine fisheries landing.

Table I

Malaysia
Landings and Values of Marine Inshore Fisheries, 1995

	Landing (Tonnes)	Value (RM)
West Coast of Peninsular Malaysia	493,268	1,298,719,099
East Coast of Peninsular Malaysia	234,199	458,145,457
Peninsular Malaysia	727,467	1,756,864,556
Sabah	163,675	453,735,758
Sarawak	59,710	169,003,418
Federal Territory of Labuan	18,962	50,341,128
Total	969,814	2,429,944,860

3.4.2 Deep-Sea Fisheries

The deep sea fisheries includes vessels of 70 GRT and above operating trawl net, fish purse seine nets (except anchovy purse seine nets), hooks and lines, drift/gill nets and operate a distance of above 30 nautical miles from the coast. The deep sea fisheries contributed a total of 138,622 tonnes of fish in 1995 which was 12.51% of the total marine fish landing of Malaysia. In terms of area of landing, West Coast of Peninsular Malaysia contributed 25.65% (35,550 tonnes), East Coast of Peninsular Malaysia 40.72% (56,447 tonnes), Sabah 2.01% (2,787 tonnes), Labuan 3.09% (4,293 tonnes) and Sarawak 28.53% (39,545 tonnes) of the total landing of the deep sea fisheries. In terms of fishing gears, trawlers landed 76.34%, the purse seiners landed 23.51% and, hook and lines landed 0.15% of the total landing of the deep sea fisheries. By value,

the deep sea fisheries contributed RM280.96 million in 1995 which was 10.36% of the total marine fish landing value of Malaysia. The value of deep sea fisheries increased by 4.54% (from RM268.77 million in 1994 to RM280.96 million in 1995). In terms of fishing gears, trawlers contributed 70.26% (RM197.41million) purse seines 29.45% (RM82.73 million) and, hook and lines 0.29% (RM0.82 million) of the total value of deep sea fisheries.

The total landing of deep sea fisheries increased by 2.28% (from 135,536 tonnes in 1994 to 138,622 tonnes in 1995). The increase came from West Coast of Peninsular Malaysia by 25.31% and Sarawak by 39.10%. East Coast of Peninsular Malaysia deep sea fisheries landing decreased by 18.79%, Sabah by 0.85% and Labuan by 33.13%.

Table II

Malaysia
Landings of Deep-Sea Fisheries by Gear Group, 1995
(Quantity in Tonnes)

	Trawl nets 70 GRT & above	Fish Purse Seine nets 70 GRT & above	Hooks and Lines 70 GRT & above	Total
West Coast of Peninsular Malaysia	27,604	7,946	0.00	35,550
East Coast of Peninsular Malaysia	35,543	20,904	0.00	56,447
Peninsular Malaysia	63,147	28,850	0.00	91,997
Sabah	0.00	2,657	130	2,787
Sarawak	39,545	0.00	0.00	39,545
Federal Territory of Labuan	3,131	1,084	78	4,293
Total	105,823	32,591	208	138,622

Malaysia
Value of Deep Sea Fisheries by Gears Group 1995
(Value in RM)

	Trawl nets 70 GRT & above	Fish Purse Seine nets 70 GRT & above	Hooks and Lines 70 GRT & above	Total
West Coast of Peninsular Malaysia	51,493,998	20,171,720	0.00	71,665,718
East Coast of Peninsular Malaysia	66,303,839	53,066,907	0.00	119,370,746
Peninsular Malaysia	117,797,837	73,238,627	0.00	191,036,464
Sabah	0.00	6,745,062	510,820	7,255,882
Sarawak	73,769,387	0.00	0.00	73,769,387
Federal Territory of Labuan	5,840,737	2,751,843	306,492	8,899,072
Total	197,407,961	82,735,532	817,312	280,960,805

4. AQUACULTURE

4.1 Fish Farmers/Culturists

A total of 18,466 fish farmers/culturists were engaged in the aquaculture sector in 1995 compared to 18,143 fish farmers/culturists in 1994, thus showing an increase of 1.58%. There were 14,217 fish farmers/culturists involved in freshwater pond culture, 236 in ex-mining pool culture, 883 in freshwater cage culture, 323 in freshwater cement tank culture, 1,010 in brackishwater pond culture, 1,182 in brackishwater cage culture, 269 in cockle culture, 171 in mussel culture and 175 in oyster culture in 1995.

4.2 Aquaculture Production

The total production of aquaculture, excluding ornamental fish production increased by 16.32% from 114,113.71 tonnes in 1994 to 132,741.69 tonnes in 1995. In terms of value, there was an increase of 7.65% from RM364.70 million in 1994 to RM392.67 million in 1995. While, the total production of ornamental fish increased by 11.10% from 227,790,460 pieces in 1994 to 253,075,201 pieces in 1995. In terms of value, the increase was 12.30% (from RM43.75 million in 1994 to RM49.13 million in 1995).

4.2.1 Freshwater Culture

The total production of freshwater culture decreased by 0.57% from 18,598.39 tonnes in 1994 to 18,493.18 tonnes in 1995. The decrease in production was attributed to the decrease in the production of freshwater pond culture and ex-mining pool culture. In terms of value, there was an increase of 3.24% from RM125.92 million in 1994 to RM130.00 million in 1995. Freshwater culture contributed 13.93% of the total aquaculture production in 1995 and in terms of value, it contributed 33.30% of the total aquaculture value in 1995.

Freshwater pond culture production was the highest in 1995, contributing 76.89% (14,220.13 tonnes) followed by production from ex-mining pool culture contributing 8.84% (1,633.93 tonnes), freshwater cage culture contributing 8.29% (1,533.79 tonnes) and freshwater cement tank culture contributing 5.98% (1,105.33 tonnes) of the total production of freshwater culture. The areas for culture were as follows; freshwater pond culture covered an area of 5,366.71 hectares, ex-mining pool culture 1,155.53 hectares; freshwater cage culture 79,633.17 metres square, and freshwater cement tank culture 61,195.55 metres square.

The production of freshwater pond culture in 1995 decreased by 1.82% (from 14,484.31 tonnes to 14,220.13 tonnes). But, in terms of value, increased by 2.37% (from RM109.04 million to RM111.62 million). The 3 main species cultured in freshwater ponds in Peninsular Malaysia in 1995 were eel 2,968.57 tonnes followed by red tilapia 1,291.25 tonnes and freshwater catfish 986.97 tonnes. In Sabah, 3 main species cultured in freshwater ponds were black tilapia 3,606.00 tonnes followed by red tilapia 1,055.00 tonnes and Javanese carp 831.00 tonnes. In Sarawak, the 3 main species cultured in freshwater ponds were red tilapia 162.29 tonnes, followed by river carp 162.21 tonnes and Javanese carp 81.14 tonnes. The average production for freshwater pond culture in 1995 was 2.65 tonnes/hectare/year.

The total production of ex-mining pool culture decreased by 6.48% (from 1,747.21 tonnes in 1994 to 1,633.93 tonnes in 1995). While in terms of value, decreased by 7.11% (from RM5.91 million to RM5.49 million). The decrease was due to the decrease in the average production from 1.61 tonnes/hectare/year in 1994 to 1.41 tonnes/hectare/year in 1995. The 3 main species cultured in the ex-mining pools were big head carp, which constituted 27.53% (449.86 tonnes), red tilapia which constituted 26.90% (439.59 tonnes) and grass carp which constituted 15.91% (259.92 tonnes) of the total species cultured in the ex-mining pools.

The total production of freshwater cage culture increased by 8.54% (from 1,413.06 tonnes in 1994 to 1,533.79 tonnes in 1995). The increase in production was due to the increase in the area of culture. There was an increase in the area of production from 56,796.41 metres square in 1994 to 79,633.17 metres square in 1995. The average production decreased from 24.88 kilograms/metre square/year in 1994 to 19.26 kilograms/metre square/year in 1995. The 3 main species cultured were red tilapia which constituted 60.86% (933.45 tonnes), river catfish "patin" (*Pangasius pangasius*) which constituted 28.31% (434.28 tonnes) and river catfish "baung" (*Mystus nemurus*) which constituted 5.05% (77.38 tonnes) of the total production of the freshwater cage culture.

The total production of freshwater cement tank culture increased by 15.89% (from 953.81 tonnes in 1994 to 1,105.33 tonnes in 1995). This is due to the increase in area of production. The area of production increased by 26.79% (from 48,263.63 metres square to 61,195.55 metres square). The average production decreased from 19.76 kilograms/metre square/year in 1994 to 18.06 kilograms/metre square/year in 1995. The production value increased by 16.84% (from RM3.80 million to RM4.44 million). The 2 main species cultured were red tilapia constituting 85.54% (945.45 tonnes) and freshwater catfish constituting 10.68% (118.07 tonnes) of the total production of freshwater cement tank culture.

4.2.2 Brackishwater Culture

The total production of brackishwater culture increased by 19.61% from 95,515.32 tonnes in 1994 to 114,248.51 tonnes in 1995. The increase in production came from cockle culture, brackishwater pond culture and oyster culture. The brackishwater pond culture increased by 12.91% (from 6,559.88 tonnes to 7,406.97 tonnes), cockle production increased by 21.79% (from 82,335.04 tonnes to 100,275.76 tonnes) and oyster culture by 16.82% (from 22.35 tonnes to 26.11 tonnes). There was a decrease in the production of brackishwater cage culture and mussel culture. Mussel culture production decreased by 19.75% (from 969.24 tonnes to 777.80 tonnes) and brackishwater cage culture decreased by 2.36% (from 5,628.81 tonnes to 5,761.87 tonnes). In terms of value, the brackishwater culture showed an increase of 9.84% (from RM239.13 million in 1994 to RM262.67 million in 1995).

The areas of culture were as follows; brackishwater pond culture covered an area of 2,623.44 hectares, brackishwater cage culture 715,152.25 metres square, cockle culture 4,752.51 hectares, mussel culture 62,029.75 metres square and oyster culture 83,317.96 metres square.

In 1995, cockle production was still the highest amongst the brackishwater culture production contributing 87.77% (100,275.76 tonnes) of the total production of brackishwater culture. While the brackishwater pond culture contributed 6.48% (7,406.97 tonnes), brackishwater cage culture 5.05% (5,761.87 tonnes), mussel culture 0.68% (777.80 tonnes) and oyster culture 0.02% (26.11 tonnes). However, in terms of value, brackishwater pond culture contributed the highest i.e. 52.88% (RM137.70 million) followed by brackishwater cage culture 31.75% (RM82.68 million), cockle culture 15.11% (RM39.36 million), mussel culture 0.16% (RM0.41 million) and oyster culture 0.10% (RM0.26 million).

The main species cultured in the brackishwater ponds was still tiger prawn with a production of 90.63% (6,712.71 tonnes) of the total production of brackishwater pond culture. Other species cultured were banana prawn, barramundi/sea bass, grouper, mud crab and other miscellaneous species which comprised 9.37% (694.26 tonnes) of the total production of the brackishwater pond culture. It was observed that tiger prawn production increased by 15.94% (from 5,789.46 tonnes to 6,712.17 tonnes). The

average production of brackishwater pond culture also increased from 2.68 tonnes/hectare/year in 1994 to 2.82 tonnes/hectare/year in 1995. The area of culture at the same time increased by 7.20% (from 2,447.34 hectares to 2,623.44 hectares). In 1995, productivity ranged from 1.03 tonnes/hactare/year to 10.32 tonnes/ hactare/ year.

The production of brackishwater pond culture increased in all the states except Perlis and Kedah. The production from Pahang increased by 125.04% (from 347.47 tonnes to 781.93 tonnes), Sarawak 100.04% (from 50.00 tonnes to 100.02 tonnes), Terengganu 51.00% (from 54.77 tonnes to 82.70 tonnes), Melaka 26.44% (from 49.50 tonnes to 62.59 tonnes), Kelantan 19.79% (from 145.41 tonnes to 174.19 tonnes), Perak 16.94% (from 1,226.15 tonnes to 1,433.84 tonnes), Negeri Sembilan 10.59% (from 113.24 tonnes to 125.23 tonnes), Selangor 9.89% (from 931.06 tonnes to 1,023.11 tonnes), Pulau Pinang 6.88% (from 567.33 tonnes to 606.37 tonnes), Sabah 6.25% (from 1,600 tonnes to 1,700 tonnes) and Johor 5.48% (from 793.89 tonnes to 837.39 tonnes). On the other hand Perlis and Kedah brackishwater pond production decreased by 14.88% (from 93.96 tonnes to 79.98 tonnes) and 31.93% (from 587.11 tonnes to 399.62 tonnes) respectively. This was due to disease occurrence as well as environmental problems.

In terms of value, there was an increase in the brackishwater ponds culture production by 12.29% (from RM122.63 million to RM137.70 million). The increase came mainly from tiger prawn production i.e an increase of RM19.81 million (from RM111.57 million to RM131.38 million). The total value of tiger prawn production constituted 95.41% of the total value of the brackishwater pond production value.

The 3 main species cultured in brackishwater cages were barramundi/sea bass contributing 33.31% (1,919.18 tonnes) followed by mangrove snapper contributing 28.80% (1,659.32 tonnes) and grouper contributing 14.47% (833.74 tonnes). The barramundi/sea bass production in cages showed a decrease of 26.02% (from 2,594.20 tonnes to 1,919.18 tonnes) while mangrove snapper increased by 23.96% (from 1,338.62 tonnes to 1,659.32 tonnes) and grouper decreased by 10.42% (from 930.71 tonnes to 833.74 tonnes). The culture area of brackishwater cages increased by 5.26% (from 679,438.75 metres square to 715,152.25 metres square). The total production

of brackishwater cage culture had shown an increase in Pahang by 273.26% (from 0.86 tonnes to 3.21 tonnes), Kedah 36.08% (from 118.08 tonnes to 160.68 tonnes), Johor 29.60% (from 808.90 tonnes to 1,048.37 tonnes) and Sabah 25.32% (from 703.00 tonnes to 881.00 tonnes). However, Sarawak production decreased by 87.50% (from 32.00 tonnes to 4.00 tonnes), Melaka 51.86% (from 8.35 tonnes to 4.02 tonnes), Kelantan 47.82% (from 37.18 tonnes to 19.40 tonnes), Terengganu 44.74% (from 7.04 tonnes to 3.89 tonnes), Selangor 14.33% (from 1,147.66 tonnes to 983.19 tonnes), Pulau Pinang 5.82% (from 1,173.36 tonnes to 1,105.10 tonnes), Perlis 4.61% (from 16.26 tonnes to 15.51 tonnes), Perak 2.70% (from 1,576.12 tonnes to 1,533.50 tonnes). There was no production in Negeri Sembilan in 1995 due to the cages not being active. The overall total production of brackishwater cages increased by 2.36% (from 5,628.81 tonnes to 5,761.87 tonnes). The total production value also increased by 4.27% (from RM81.46 million to RM84.94 million).

The total production of cockles was 100,275.76 tonnes in 1995 with a value of RM39.36 million. The 3 main states that produced cockles were Perak 70.06% (70,256.73 tonnes), Pulau Pinang 15.07% (15,113.84 tonnes) and Selangor 13.76% (13,799.01 tonnes). The other 3 states i.e Sabah, Johor and Negeri Sembilan that produced cockles contributed 1.11% (1,106.18 tonnes) of the total production of cockles.

There was a decrease in mussel culture production in 1995 by 19.75% (from 969.24 tonnes to 777.80 tonnes). The value of mussel culture production remained the same i.e. (RM0.41 million). The decrease in production of mussels was due to the insufficient supply of mussel seeds. Johor was the main state which produced mussels in 1995. The production of mussels in Johor constituted 85.03% (661.36 tonnes) of the total production of mussels in Malaysia. However, there was a decrease in mussel production in Johor by 22.80% (from 856.72 tonnes to 661.36 tonnes). On the other hand, Sabah showed increase production by 112.63% (from 8.00 tonnes to 17.01 tonnes), Perak by 110.40% (from 3.27 tonnes to 6.88 tonnes) and Melaka by 62.19% (from 39.57 tonnes to 64.18 tonnes).

The total production of oyster culture was 26.11 tonnes in 1995 and showed an increase of 16.82% compare to 22.35 tonnes in 1994. The value of oyster culture production also increased by 13.04% (from RM0.23 million to RM0.26 million). The 3 main states which produced oysters were Sabah 39.33% (10.27 tonnes) followed by Kedah 30.79% (8.04 tonnes) and Terengganu 11.99% (3.13 tonnes).

4.2.3 Ornamental Fish

The total production of ornamental fish increased by 11.10% from 227,790,460 pieces in 1994 to 253,075,201 pieces in 1995. In terms of value, the increase was 12.30% (from RM43.75 million in 1994 to RM49.13 million in 1995). Johor remained as the main producer of ornamental fish contributing 156,847,804 pieces which was 61.97% of the total production of ornamental fish in 1995. This was followed by Perak which contributed 55,655,672 pieces which was 21.99%, Selangor 27,827,836 pieces which was 10.99% and Pulau Pinang 12,649,017 pieces which was 4.99% of the total production of ornamental fish in 1995. The two main groups of ornamental fish produced were Cyprinids contributing 39.79% (Goldfish and Koi 24.22%, Barb and Danio 15.57%) and Poeciliids contributing 20.23%.

5. PUBLIC WATERBODIES

Public waterbodies refers to the landing of fish from public waterbodies resources i.e rivers, lakes, ex-mining pools and dams. The production of public waterbodies increased by 90.85% from 2,063.90 tonnes in 1994 to 3,938.94 tonnes in 1995. Kelantan, Perlis, Pahang, Johor, Selangor and Kedah showed an increase in production by 131.03%, 73.74%, 59.79%, 15.12%, 11.15% and 5.33% respectively.

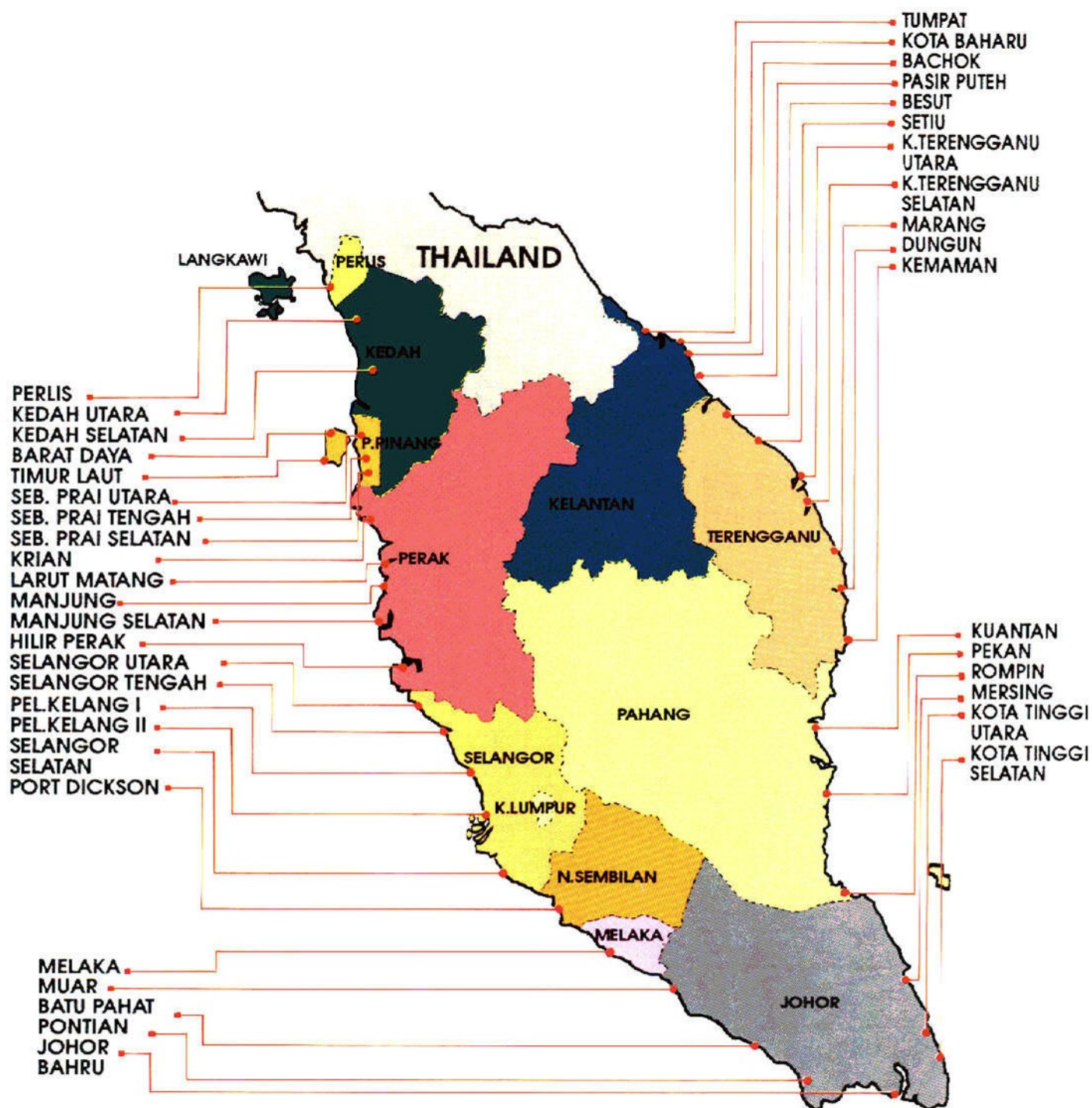
PETA, CARTA DAN GRAF
MAPS, CHARTS AND GRAPHS

DAERAH-DAERAH PERIKANAN

FISHERIES DISTRICTS

MALAYSIA

MALAYSIA - DAERAH- DAERAH PERIKANAN Malaysia - Fisheries Districts



Sempadan Negeri

State Boundary

Sempadan Daerah Perikanan

Fisheries Administrative Districts

SARAWAK

1. SEMANTAN
2. SANTUBONG
3. KUCHING
4. KUALA SADONG
5. BATANG LUPAR
6. SARIBAS/KALAKA
7. SARIKEI/BINTAGOR
8. BELAWAI
9. MATU DARO
10. SIBU/IGAN
11. MUKAH/OYA
12. BINTULU
13. MIRI
14. LUMBANG
15. LAWAS

SABAH

SANDAKAN
BELURAN
PITAS

KOTA MERUDU

KUDAT

KOTA BELUD

TUARAN

KOTA KINABALU

PAPAR

BEAUFORT

KUALA PENYU

SIPITANG

W.P. LABUAN
F.T. LABUAN

BRUNEI

LAUT CHINA SELATAN
(SOUTH CHINA SEA)

SARAWAK

KALIMANTAN

SABAH

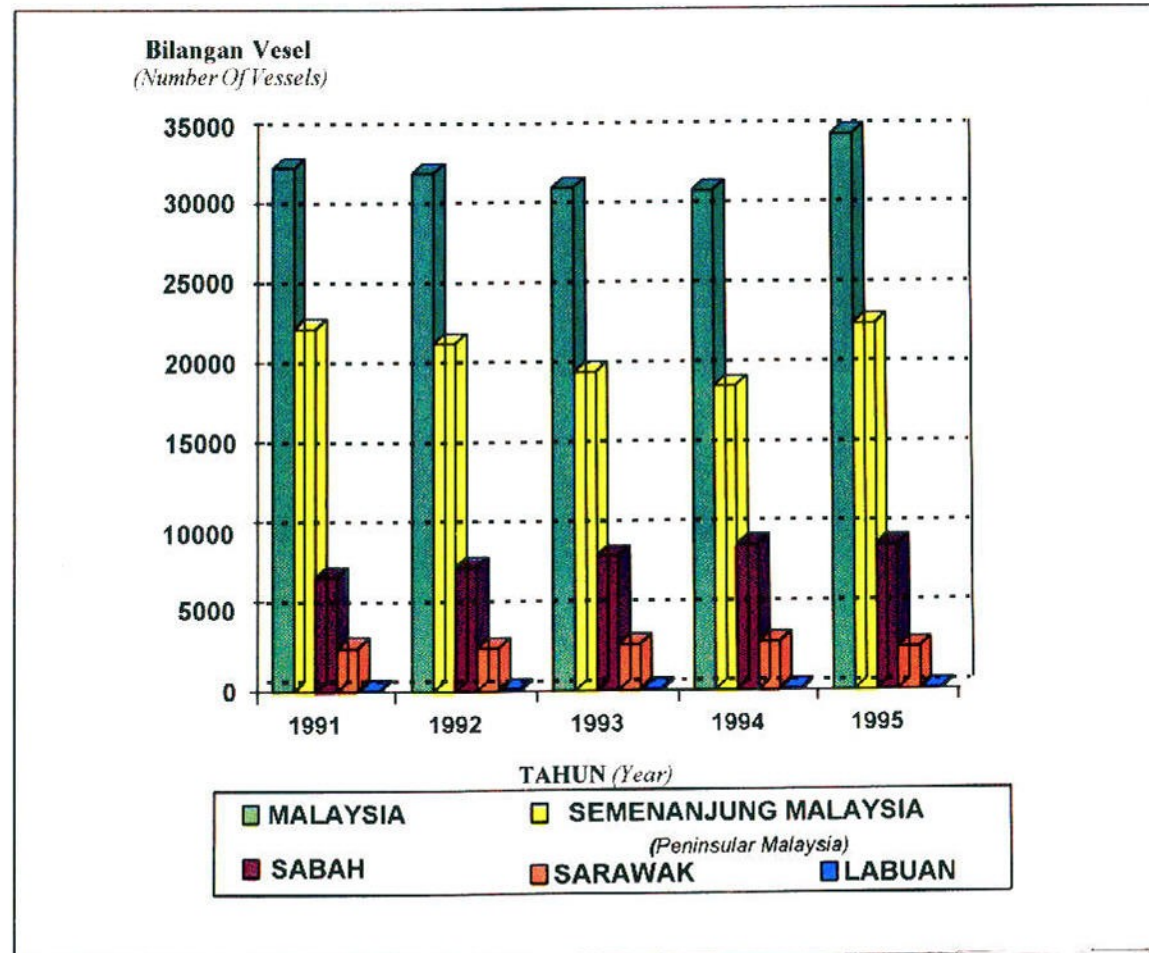
TAWAU

KUNAK

SEMPORNA

LAHAD DATU

BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN, 1991-1995
(Number Of Fishing Vessels Licensed, 1991 - 1995)
MALAYSIA



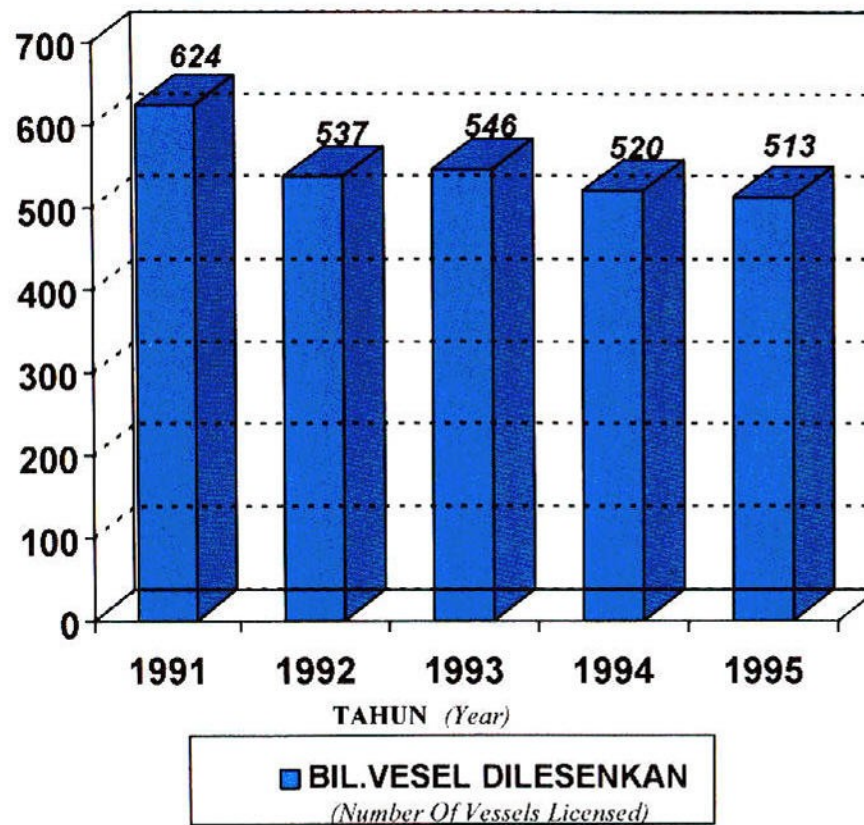
BILANGAN VESEL-VESEL LAUT DALAM YANG DILESENKAN, 1991-1995

(Number Of Deep-Sea Vessels Licensed, 1991-1995)

BILANGAN VESEL

(Number Of Vessels)

MALAYSIA



ARAH ALIRAN PENDARATAN IKAN LAUT, 1991-1995

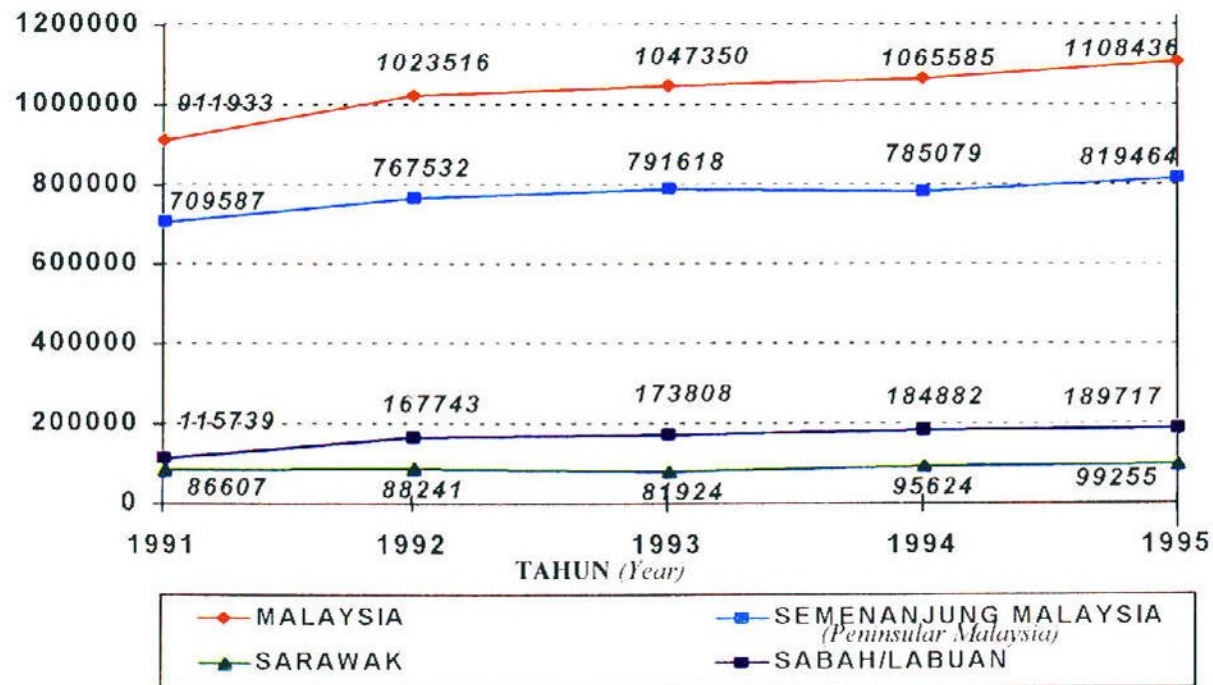
(Trend Of Marine Fish Landings, 1991-1995)

MALAYSIA

CARTA III
CHART

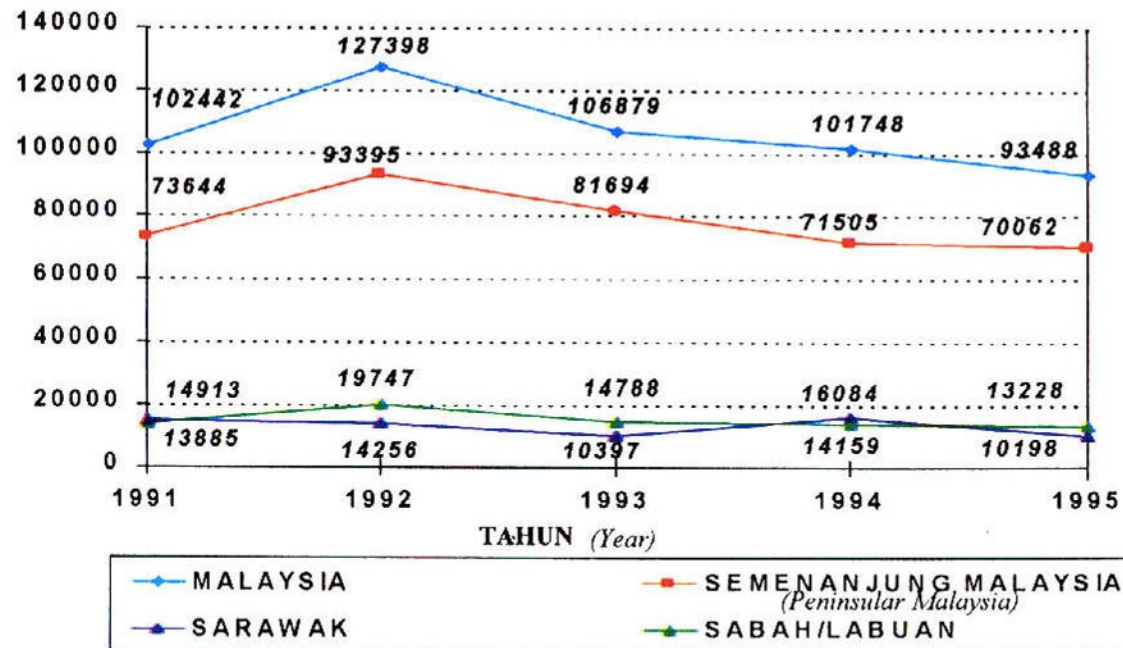
KUANTITI DALAM TAN METRIK

(Quantity in Tonnes)



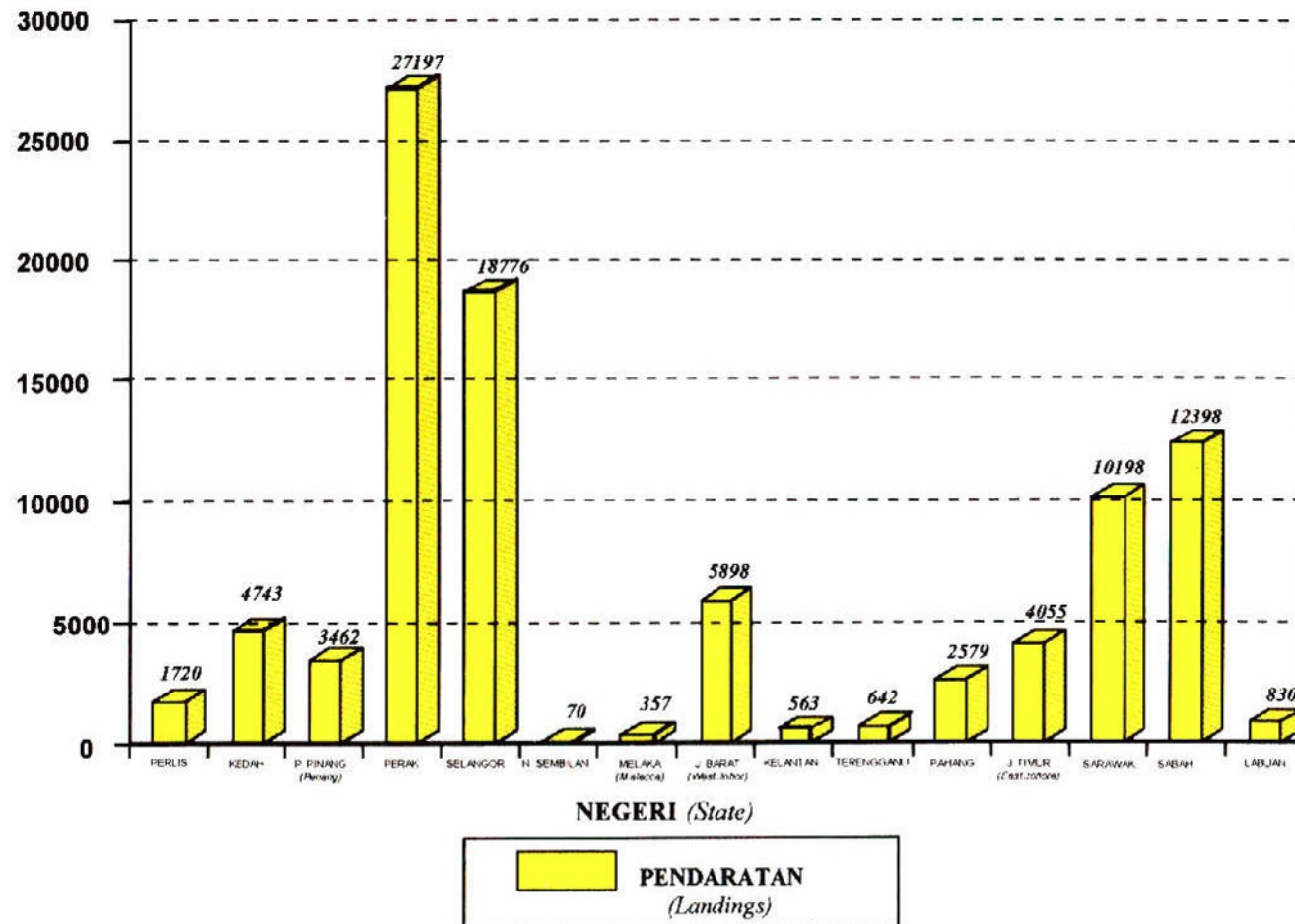
ARAH ALIRAN PENDARATAN UDANG, 1991-1995
(Trend Of Prawn Landings, 1991-1995)
MALAYSIA

KUANTITI DALAM TAN METRIK
(Quantity in Tonnes)



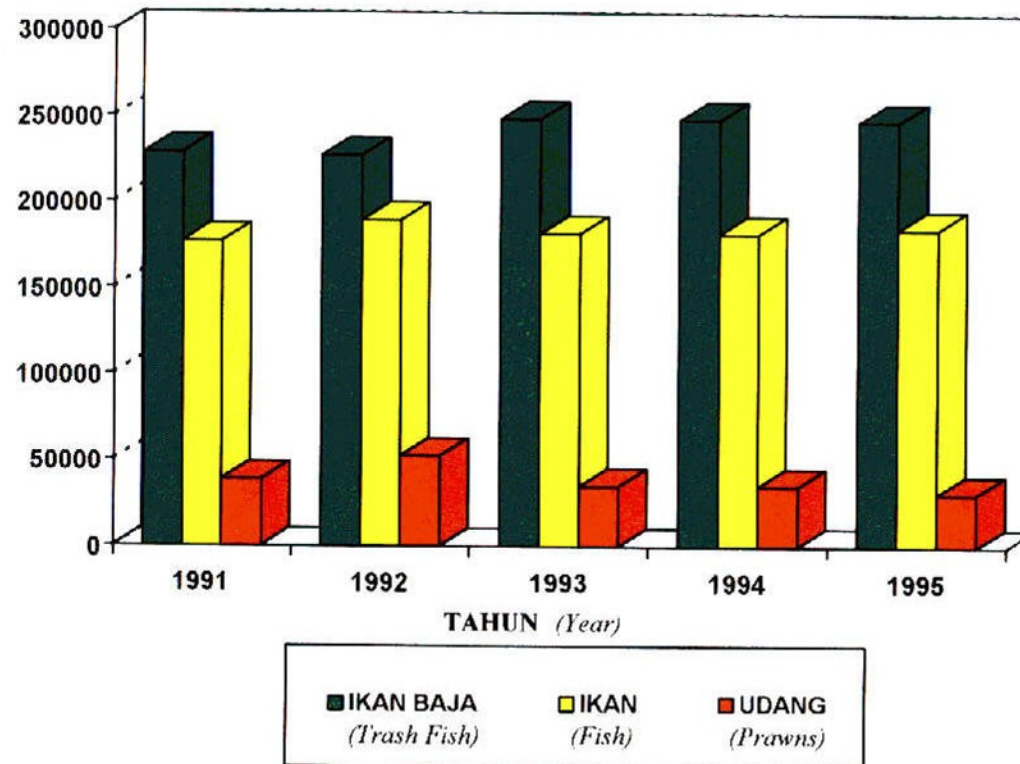
PENDARATAN UDANG, 1995
(Prawn Landings, 1995)
MALAYSIA

KUANTITI DALAM TAN METRIK
(Quantity in Tonnes)

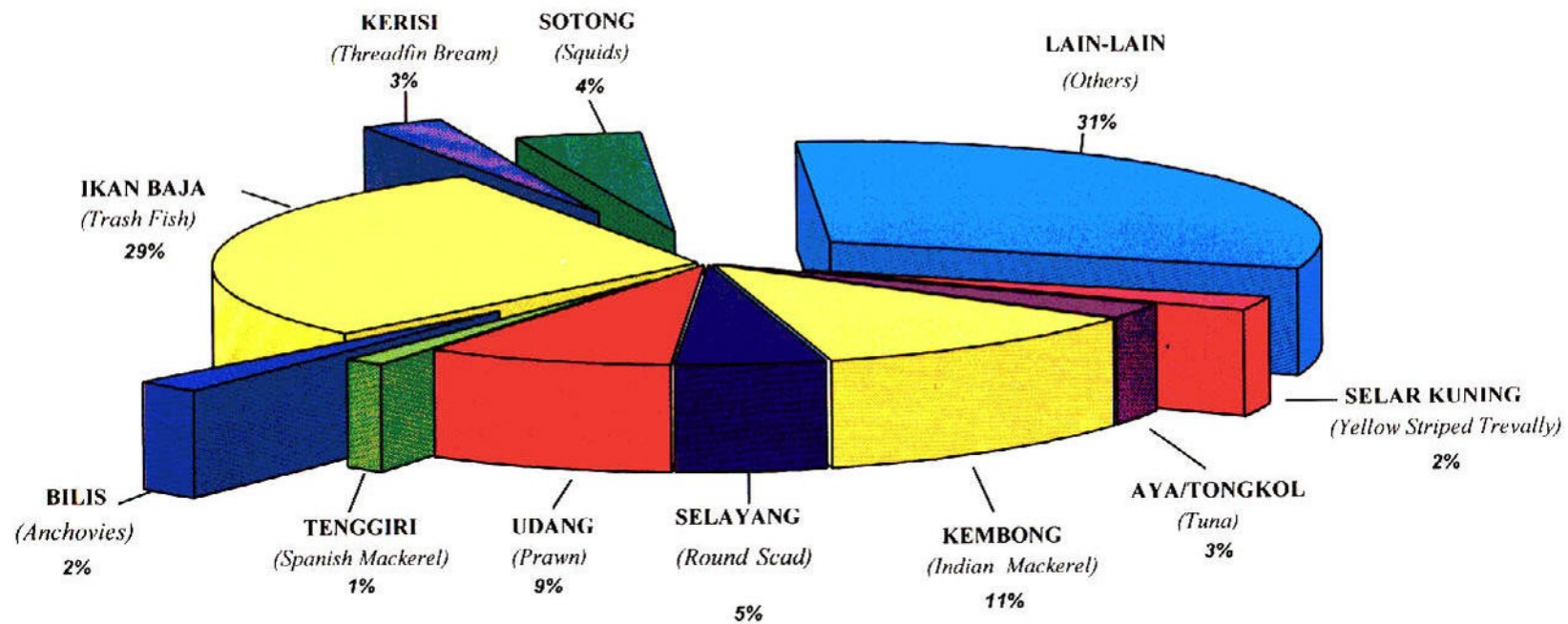


PENDARATAN PUKAT TUNDA, 1991-1995
(Trawl Landings, 1991 - 1995)
SEMENANJUNG MALAYSIA
(Peninsular Malaysia)

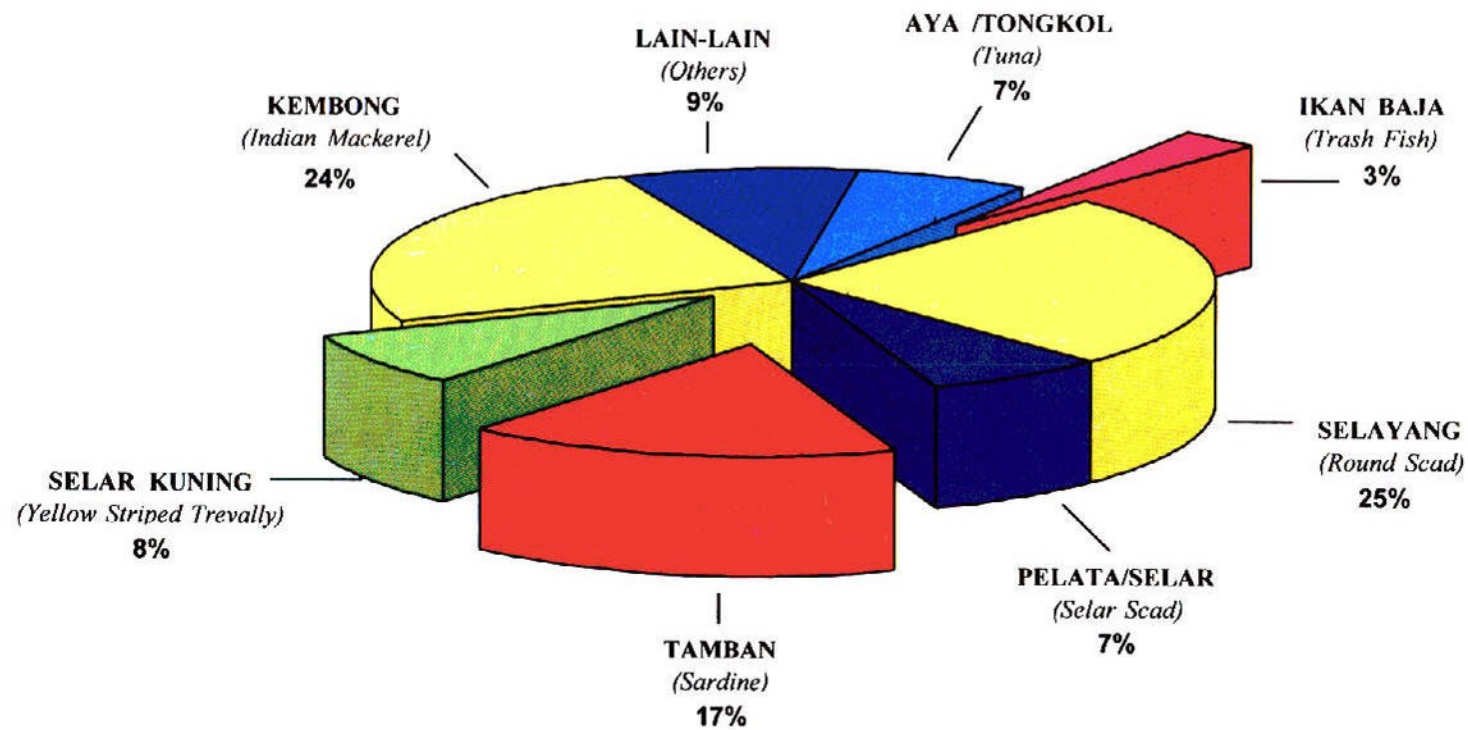
KUANTITI DALAM TAN METRIK
(Quantity in Tonnes)



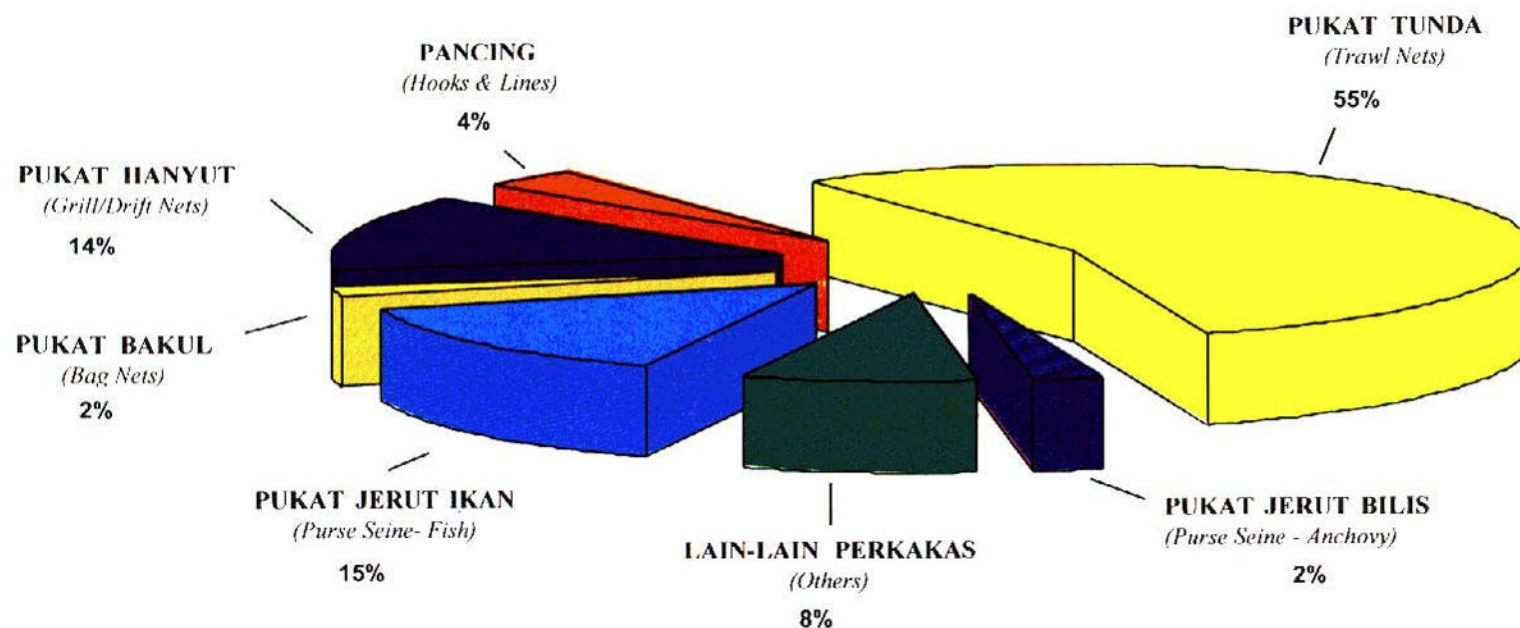
PENDARATAN IKAN LAUT MENGIKUT SPESIES UTAMA, 1995
(Landings Of Marine fish By Main Species, 1995)
MALAYSIA



PENDARATAN PUKAT JERUT IKAN MENGIKUT SPESIES UTAMA, 1995
(Purse-Seine Fish Landings By Main Species , 1995)
MALAYSIA

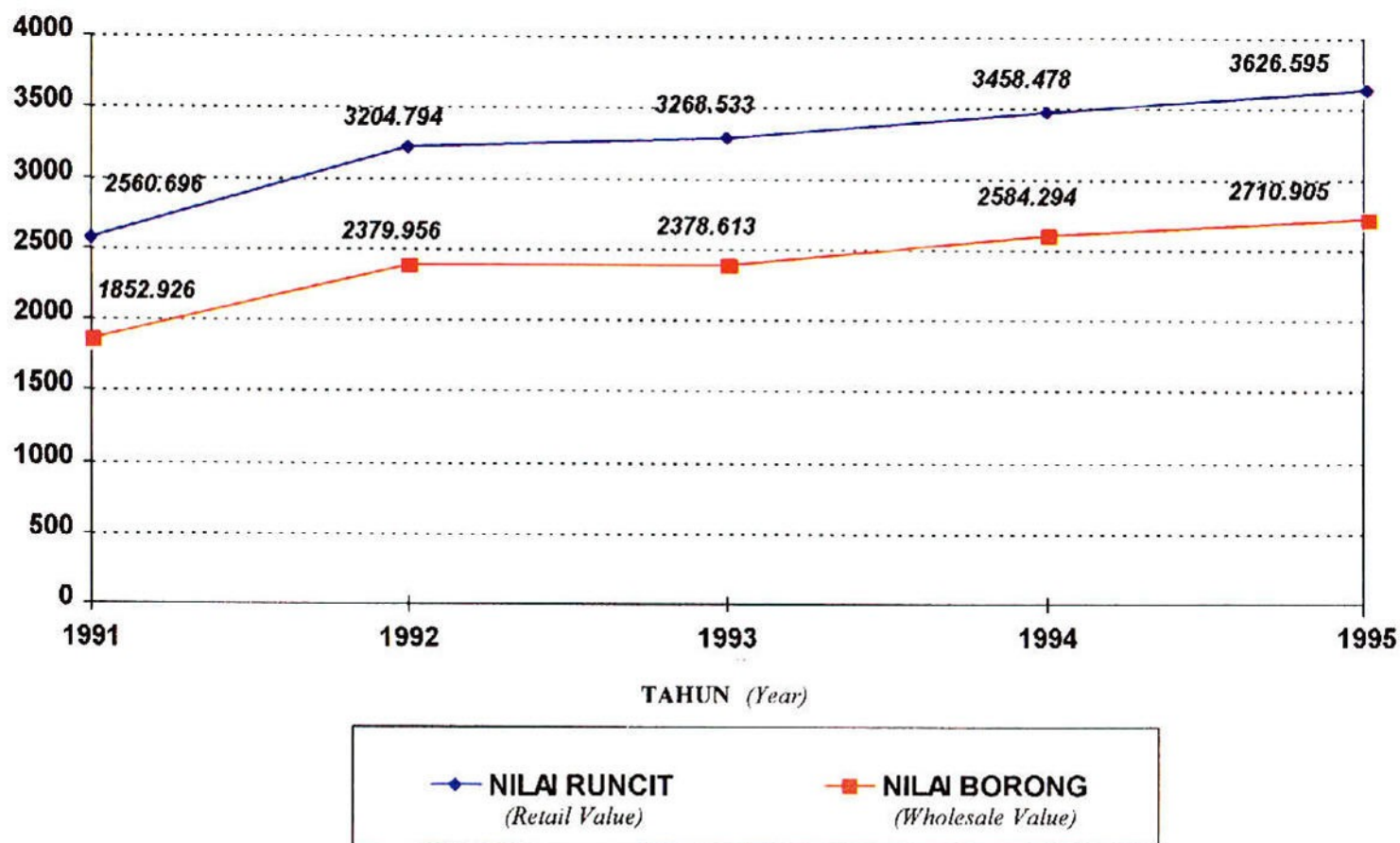


PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 1995
(Landings Of Marine Fish By Gear Group, 1995)
MALAYSIA



ARAH ALIRAN NILAI PASARAN IKAN LAUT, 1991-1995
(Trend Of Market Values Of Marine Fish, 1991-1995)
MALAYSIA

NILAI DALAM RM JUTA
(Values in RM Million)

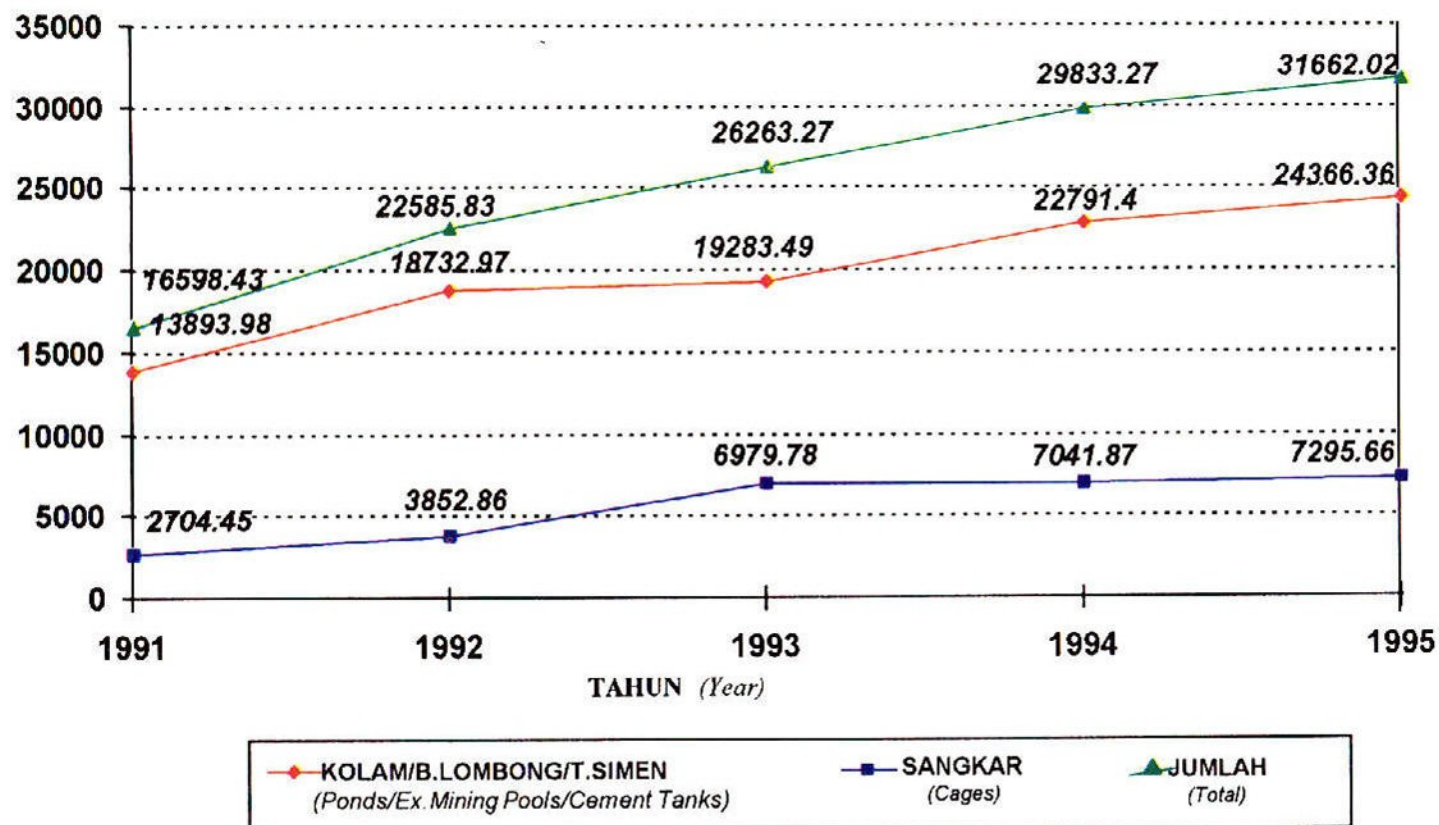


CARTA XI
CHART

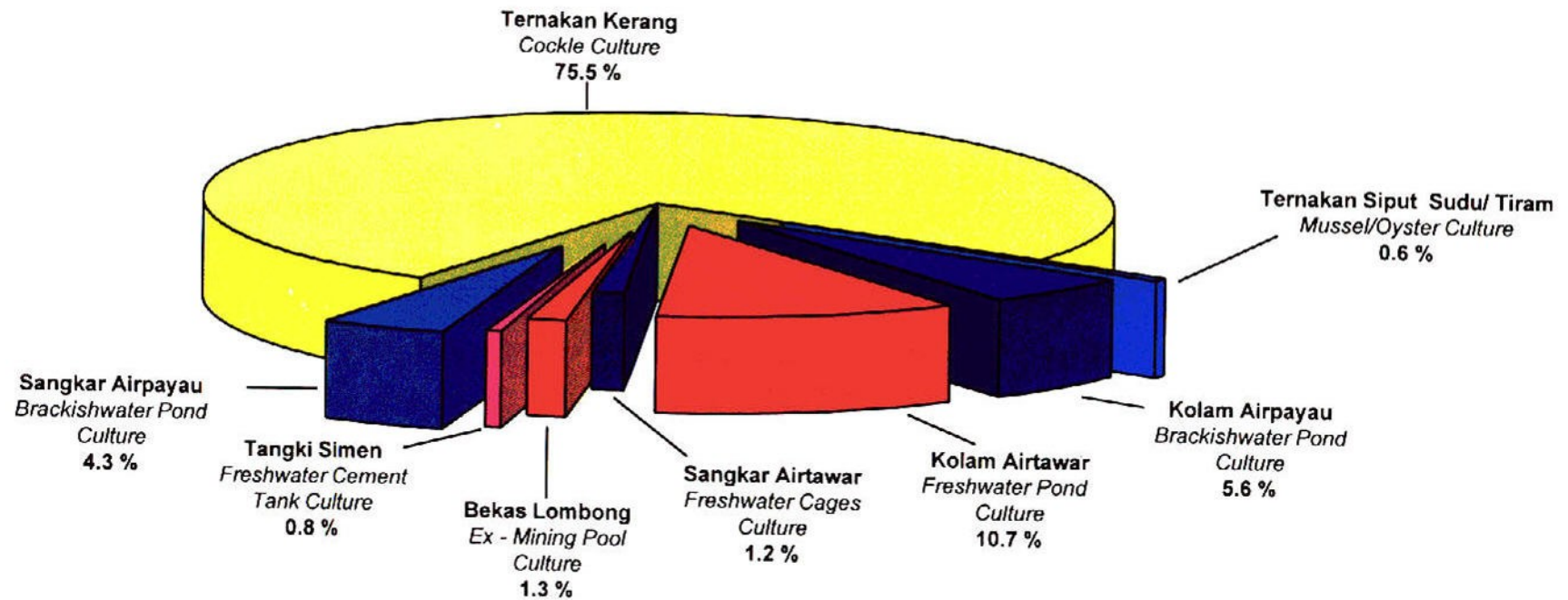
ARAH ALIRAN PENGELUARAN TERNAKAIR, 1991-1995
(Trend Of Aquaculture Productions, 1991-1995)

KUANTITI DALAM TAN METRIK
(Quantity in Tonnes)

MALAYSIA



Pengeluaran Ternakair Mengikut Jenis Ternakan, 1995
(Production Of Aquaculture By Type Of Culture, 1995)



JADUAL

TABLES

PERIKANAN LAUT

MARINE FISHERIES

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL-VESEL BERLESEN, 1995
NUMBER OF FISHERMEN WORKING IN LICENSED VESSELS, 1995

JADUAL (TABLE) 1.1

Negeri State Keturunan/ Ethnic Group	Pantai Barat/West Coast								Jumlah Kecil Sub- Total	Pantai Timur/East Coast				Jumlah Kecil Sub- Total	Sarawak	Sabah	W.P. Labuan, Federal Territory	Jumlah Kecil Sub- Total	Jumlah Besar Grand Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore						
Bumiputera <i>Bumiputeras</i>	2,208	4,502	1,253	1,570	805	119	690	2,849	13,996	2,325	8,031	3,389	2,699	16,444	6,268	14,624	189	21,081	51,521
Cina <i>Chinese</i>	218	588	1,677	6,925	4,694	179	230	1,747	16,258	2	30	677	1,009	1,718	856	218	11	1,085	19,061
India <i>Indians</i>	0	0	35	112	62	21	1	1	232	0	1	0	6	7	0	0	0	0	239
Portugis <i>Portuguese</i>	0	0	0	0	0	3	58	0	61	0	0	0	0	0	0	0	0	0	61
Thai <i>Thais</i>	1,647	965	0	0	0	0	0	0	2,612	896	1,574	547	381	3,398	0	0	0	0	6,010
Indonesia <i>Indonesians</i>	0	0	0	0	0	5	59	0	64	0	0	0	0	0	0	0	0	0	64
Lain-Lain <i>Others</i>	0	0 *	0	8	13	0	3	186	210	0	0	0	2	2	1	4,977	54	5,032	5,244
Jumlah Besar <i>Grand Total</i>	4,073	6,055	2,965	8,615	5,574	327	1,041	4,783	33,433	3,223	9,636	4,613	4,097	21,569	7,125	19,819	254	27,198	82,200

Nota: Bumiputera Termasuk Orang Melayu dan Kumpulan Bumiputera Lain.
Note: Bumiputeras including Malay and Other Indigenous Groups.

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL-VESEL BERLESEN MENGIKUT KUMPULAN PERKAKAS DAN NEGERI, 1995
NUMBER OF FISHERMEN WORKING IN LICENSED VESSELS BY GEAR GROUP AND STATE, 1995

JADUAL (TABLE) 1.2

Negeri State	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Kelantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub- Total	Sarawak	Sabah	W.P. Labuan Labuan Federal Territory	Jumlah Kecil Sub- Total	Jumlah Besar Grand Total
Pukat Tunda Trawl Nets	712	1,765	241	3,154	2,049	0	0	631	605	1,027	1,455	979	12,618	2,480	4,539	20	7,039	19,657
Pukat Tarik/Seine Nets:																		
Pukat Jerut Ikan Purse Seine-Fish	2,531	258	248	464	137	0	0	0	1,145	4,852	1,382	1,063	12,080	348	1,724	60	2,132	14,212
Pukat Jerut Bilis Purse Seine-Anchovy	0	1,453	0	114	0	0	0	0	39	214	235	0	2,055	0	0	0	0	2,055
Lain-Lain Other Seines	1	38	411	1,139	16	2	3	6	72	22	5	2	1,717	0	211	22	233	1,950
Pukat Hanyut Gill/Drift Nets	791	2,381	1,896	3,040	2,644	286	952	3,747	893	1,102	718	1,693	20,143	4,297	6,014	99	10,410	30,553
Pukat Tangguk Lift Nets	8	31	0	0	1	0	0	0	48	114	51	0	253	0	1,199	16	1,215	1,468
Perangkap/Traps:																		
Belat-Belat Stationary	0	2	0	0	4	0	10	70	38	0	0	39	163	0	172	6	178	341
Bubu Portable	6	4	5	74	5	22	0	83	0	377	271	45	892	0	360	4	364	1,256
Pancing Hooks & Lines	22	35	63	168	109	13	76	52	383	1,866	472	248	3,507	0	4,171	27	4,198	7,705
Pukat Bakul Bag Nets	0	0	66	97	354	0	0	97	0	0	0	3	617	0	0	0	0	617
Pukat Surung Push/Scoop Nets	0	0	4	1	0	0	0	0	0	0	0	0	5	0	0	0	0	5
Pukat Rentang Barrier Nets	0	56	0	0	41	0	0	5	0	0	0	21	123	0	81	0	81	204
Memungut Siput Shellfish Collection	0	0	0	138	9	0	0	21	0	0	0	0	168	0	236	0	236	404
Pembawa Ikan Fish Carriers	0	30	23	115	189	0	0	55	0	62	24	3	501	0	0	0	0	501
Rampaian Miscellaneous	2	2	8	111	16	4	0	16	0	0	0	1	160	0	1,112	0	1,112	1,272
Jumlah/Total	4,073	6,055	2,965	8,615	5,574	327	1,041	4,783	3,223	9,636	4,613	4,097	55,002	7,125	19,819	254	27,198	82,200

JADUAL (TABLE) 1.3

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DIATAS VESEL YANG DILESENKAN
MENGIKUT DAERAH-DAERAH PERIKANAN, 1995
NUMBER OF FISHERMEN WORKING IN LICENSED FISHING VESSELS
BY FISHERIES DISTRICTS, 1995

Daerah-Daerah Perikanan <i>Fisheries Districts</i>	Nelayan-Nelayan/Fishermen				
	Bumiputera <i>Bumiputeras</i>	Cina <i>Chinese</i>	India <i>Indians</i>	Lain-Lain <i>Others</i>	Jumlah <i>Total</i>
SEMANJUNG MALAYSIA					
<i>PENINSULAR MALAYSIA</i>					
1) Kuala Perlis	2,208	218	0	1,647	4,073
2) Langkawi	950	28	0	848	1,826
3) Kedah Utara	1,779	506	0	36	2,321
4) Kedah Selatan	1,773	54	0	81	1,908
5) Timur Laut/P.Pinang	235	313	17	0	565
6) Barat Daya/P.Pinang	314	477	3	0	794
7) Seberang Prai Utara	330	151	0	0	481
8) Seberang Prai Tengah	115	47	1	0	163
9) Seberang Prai Selatan	259	689	14	0	962
10) Krian	469	1,867	12	0	2,348
11) Larut & Matang	174	1,859	3	0	2,036
12) Manjong	745	1,756	92	0	2,593
13) Hilir Perak	182	1,443	5	8	1,638
14) Selangor Utara	240	1,784	0	0	2,024
15) Selangor Tengah	176	905	5	0	1,086
16) Pelabuhan Klang I	3	1,053	0	2	1,058
17) Pelabuhan Klang II	219	636	7	0	862
18) Selangor Selatan	167	316	50	11	544
19) Port Dickson	119	179	21	8	327
20) Melaka	690	230	1	120	1,041
21) Muar	618	269	0	0	887
22) Batu Pahat	577	498	0	36	1,111
23) Pontian	720	804	0	23	1,547
24) Johor Bahru	934	176	1	127	1,238
25) Pengerang (Kota Tinggi)	846	256	5	1	1,108
26) Sedeli	640	243	0	284	1,167
27) Mersing	1,213	510	1	98	1,822
28) Kuantan	1,593	418	0	543	2,554
29) Pekan	1,058	50	0	4	1,112
30) Kuala Rompin	738	209	0	0	947
31) Kemaman	1,432	4	0	66	1,502
32) Dungun	1,190	2	0	0	1,192
33) Marang	1,159	0	0	47	1,206
34) Kuala Terengganu Utara	929	1	1	42	973
35) Kuala Terengganu Selatan	1,301	14	0	332	1,647
36) Besut	1,619	0	0	1,087	2,706
37) Setiu	401	9	0	0	410
38) Kota Bharu	741	0	0	354	1,095
39) Bachok & Pasir Putih	720	0	0	479	1,199
40) Tumpat	864	2	0	63	929
Jumlah Kecil <i>Sub-Total</i>	30,440	17,976	239	6,347	55,002

Samb.(Cont'd) Jadual (Table) 1.3

Daerah-Daerah Perikanan Fisheries Districts	Nelayan-Nelayan/Fishermen				
	Bumiputera Bumiputeras	Cina Chinese	India Indians	Lain-Lain Others	Jumlah Total
SARAWAK					
KUCING	1,131	275	0	0	1,406
SANTUBONG	242	26	0	0	268
PENDAM (SANDONG JAYA)	245	13	0	0	258
SEMATAN	103	12	0	0	115
BATANG LUPAR	474	18	0	0	492
KABONG (SARIBAS / KALAKA)	413	11	0	0	424
SIBU / IGAN	412	211	0	0	623
SARIKEI / BITANGOR	149	119	0	0	268
MUKAH / OYA	960	11	0	0	971
BELAWAI	312	10	0	0	322
MATU DARO	312	27	0	0	339
BINTULU	475	42	0	0	517
MIRI	574	81	0	1	656
LIMBANG	63	0	0	0	63
LAWAS	403	0	0	0	403
Jumlah Kecil/Sub-Total	6,268	856	0	1	7,125
SABAH					
TAWAU	895	61	0	549	1,505
SEMPORNA	709	0	0	1,724	2,433
KUNAK	243	49	0	253	545
LAHAD DATU	434	0	0	224	658
SANDAKAN	2,182	3	0	1,391	3,576
BELURAN	1,451	0	0	0	1,451
KUDAT	1,561	11	0	304	1,876
KOTA MARUDU	817	3	0	5	825
PITAS	791	0	0	0	791
KOTA BELUD	1,290	0	0	0	1,290
TUARAN	525	0	0	0	525
KOTA KINABALU	1,495	46	0	351	1,892
PAPAR	427	4	0	33	464
BEAUFORT	568	2	0	0	570
KUALA PENYU	988	39	0	143	1,170
SIPITANG	248	0	0	0	248
Jumlah Kecil/Sub-Total	14,624	218	0	4,977	19,819
W.P. LABUAN/LABUAN F.T.					
KG. BEBULOH	63	9	0	0	72
KG. RANCA RANCA	22	0	0	3	25
KG. LUBOK TAMIANG	10	0	0	0	10
KG. BATU MANIKAR	10	0	0	0	10
KG. TG. ARU	4	0	0	0	4
KG. MIRI / LADA / PAGAR	22	0	0	0	22
KG. PATAU - PATAU	41	0	0	21	62
LAIN LAIN KAMPONG	17	2	0	30	49
Jumlah Kecil/Sub-Total	189	11	0	54	254
Jumlah Besar/Grand Total	51,521	19,061	239	11,379	82,200

Nota: Bumiputera Termasuk Orang Melayu dan Kumpulan Bumiputera Lain.
Note: Bumiputeras including Malay and Other Indigenous Groups.

MALAYSIA
BILANGAN NELAYAN ASING YANG DILULUSKAN MENGIKUT NEGERI, 1995
NUMBER OF APPROVED FOREIGN FISHERMEN BY STATE, 1995

JADUAL (TABLE) 1.4

Negeri State Keturunan/ Ethnic Group	Pantai Barat/West Coast								Jumlah Kecil Sub- Total	Pantai Timur/East Coast				Jumlah Kecil Sub- Total				Jumlah Besar Grand Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore		Sarawak	Sabah	W.P. Labuan	
Thai Thais	935	794	0	1	1	0	0	0	1,731	981	2,031	814	474	4,300	0	0	35	6,066
Indonesia Indonesians	0	0	0	0	1	0	0	0	1	0	0	7	0	7	16	0	3	27
Lain-Lain Others	0	0	0	0	0	0	0	0	0	0	0	7	0	7	0	0	91	98
Jumlah Besar Grand Total	935	794	0	1	2	0	0	0	1,732	981	2,031	828	474	4,314	16	0	129	6,191

Nota: Bilangan yang diluluskan tidak semestinya menggambarkan bilangan nelayan yang bekerja diatas vesel berlesen.

Note: The approval given does not necessarily reflect the actual number of fishermen working in licensed vessels.

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KELAS MUATAN, 1995
NUMBER OF LICENSED FISHING VESSELS BY STATE AND TONNAGE CLASS, 1995

Jenis Type Negeri State	Jumlah Total	Vesel Tidak Berjentera Non- Powered	Vesel Berjentera Sangkut Outboard- Powered	Vesel Berjentera Dalam/Inboard-Powered								
				Jumlah Kecil Sub-Total	0-4.9 GRT	5-9.9 GRT	10-14.9 GRT	15-19.9 GRT	20-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Ke atas (& Above)
Pantai Barat/West Coast:												
Perlis	714	1	181	532	96	110	33	62	46	99	55	31
Kedah	1,767	4	738	1,025	281	198	56	60	67	186	112	65
Pulau Pinang	1,783	25	1,119	639	116	396	1	2	1	82	39	2
Perak	4,799	136	1,256	3,407	688	1,248	382	482	100	140	295	72
Selangor	2,758	99	629	2,030	58	1,162	213	218	88	170	119	2
Negeri Sembilan	191	3	139	49	4	41	4	0	0	0	0	0
Melaka	750	11	564	175	12	159	4	0	0	0	0	0
Johor Barat/West Johor	3,737	159	2,634	944	133	499	79	177	47	9	0	0
<i>Jumlah/Total</i>	16,499	438	7,260	8,801	1,388	3,813	772	1,001	349	686	620	172
Pantai Timur/East Coast:												
Kelantan	929		175	754	307	108	141	82	16	39	35	26
Terengganu	2,530	9	381	2,140	345	661	436	333	114	120	64	67
Pahang	1,302	8	374	920	70	288	173	46	31	81	122	109
Johor Timur/East Johor	1,724	36	860	828	101	249	136	32	8	105	144	53
<i>Jumlah/Total</i>	6,485	53	1,790	4,642	823	1,306	886	493	169	345	365	255
Malaysia:												
Semenanjung Malaysia/ Peninsular Malaysia	22,984	491	9,050	13,443	2,211	5,119	1,658	1,494	518	1,031	985	427
Sarawak	2,689	6	765	1,918	384	586	372	103	109	113	121	130
Sabah	9,144	2,597	3,939	2,608	270	1,228	428	207	163	250	53	9
W. Persekutuan Labuan/ F.Territory Labuan	89	3	75	11	0	0	0	0	0	0	5	6
<i>Jumlah/Total</i>	34,906	3,097	13,829	17,980	2,865	6,933	2,458	1,804	790	1,394	1,164	572

Nota/Note: GRT - Gross Registered Tonnage

JADUAL (TABLE) 2.2

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KUASA KUDA, 1995
NUMBER OF LICENSED FISHING VESSELS BY STATE AND HORSEPOWER, 1995

Negeri/ State Kuasa Kuda/ Horsepower Of Engine	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Jumlah Kecil Sub- Total	Kelantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub- Total	Sarawak	Sabah	W.P. Labuan	Jumlah Kecil Sub- Total	Jumlah Besar Grand- Total
Enjin Dalam/ Inboard-Powered																			
Kurang dari 5 k.k. (Under 5 h.p.)	1	20	0	32	4	0	0	4	61	25	36	3	2	66	28	50	0	78	205
5 - 9 k.k. (h.p.)	18	84	9	42	4	0	14	67	238	231	111	14	10	366	260	140	0	400	1,004
10 - 19 "	83	192	70	212	134	10	90	122	913	84	453	116	160	813	465	150	0	615	2,341
20 - 39 "	111	155	88	340	790	30	71	304	1,889	253	860	403	242	1,758	568	150	0	718	4,365
40 - 59 "	41	55	221	1,695	23	3	0	47	2,085	12	133	19	26	190	108	550	0	658	2,933
60 - 99 "	20	36	125	322	100	5	0	139	747	17	241	20	35	313	153	250	0	403	1,463
100 - 149 "	38	68	2	63	284	1	0	60	516	29	93	18	40	180	73	270	0	343	1,039
150 - 249 "	159	228	90	262	341	0	0	164	1,244	45	105	55	73	278	135	600	4	739	2,261
250 k.k. ke atas (250 h.p. & above)	61	187	34	439	350	0	0	37	1,108	58	108	272	240	678	128	448	7	583	2,369
Jumlah Kecil Sub-Total	532	1,025	639	3,407	2,030	49	175	944	8,801	754	2,140	920	828	4,642	1,918	2,608	11	4,537	17,980
Enjin Sangkut/ Outboard-Powered																			
Kurang dari 5 k.k. (Under 5 h.p.)	17	103	253	394	62	35	65	647	1,576	98	168	76	179	521	126	200	0	326	2,423
5 - 9 k.k. (h.p.)	139	496	277	231	179	31	209	775	2,337	74	138	168	227	607	56	300	5	361	3,305
10 - 19 "	23	106	272	221	236	54	213	806	1,931	2	57	101	255	415	76	1,500	13	1,589	3,935
20 - 39 "	2	30	277	270	137	19	75	304	1,114	1	16	28	159	204	157	1,600	23	1,780	3,098
40 - 59 "	0	3	40	140	15	0	2	102	302	0	2	1	40	43	273	300	32	605	950
60 - 99 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	39	2	118	118
100 - 149 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 - 249 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250 k.k. ke atas (250 h.p. & above)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jumlah Kecil Sub-Total	181	738	1,119	1,256	629	139	564	2,634	7,260	175	381	374	860	1,790	765	3,939	75	4,779	13,829
Jumlah Besar Grand Total	713	1,763	1,758	4,663	2,659	188	739	3,578	16,061	929	2,521	1,294	1,688	6,432	2,683	6,547	86	9,316	31,809

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN BERLESEN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1995
NUMBER OF LICENSED FISHING VESSELS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1995

JADUAL (TABLE) 2.3

Jenis Dan Kelas Muatan/ Type And Tonnage Class Kumpulan Perkakas/ Gear Group	Jumlah Besar Grand Total	Tiada Berjentera Non- Powered	Berjentera Sangkut Out-Board Powered	Jumlah Kecil Sub- Total	SEM. MALAYSIA (PEN. MALAYSIA):Vesel Berjentera Dalam (Inboard-powered)								Bilangan Vesel/No. of Vessels		
					0 - 4.99 GRT	5 - 9.99 GRT	10 - 14.99 GRT	15 - 19.99 GRT	20 - 24.99 GRT	25 - 39.9 GRT	40 - 69.9 GRT	70 GRT & ke atas (& Above)	SARAWAK	SABAH	W.P. LABUAN
Pukat Tunda/Trawl Net	5,991	0	0	4,057	18	144	642	1,038	390	877	716	232	510	1,419	5
Pukat Tarik/Seine Net															
Pukat Jerut Ikan Purse Seine-Fish	953	0	0	730	1	26	71	88	43	113	253	135	26	193	4
Pukat Jerut Bilis Purse Seine-Anchovy	118	0	0	118	0	13	20	13	2	4	14	52	0	0	0
Lain-Lain/Other Seine	858	19	133	643	125	508	8	1	1	0	0	0	0	59	4
Pukat Hanyut Gill/Drift Net	19,296	292	8,097	5,418	1,463	3,318	473	120	27	15	1	1	1,579	3,879	31
Pukat Tangguk/Lift Net	329	0	27	84	12	37	29	6	0	0	0	0	0	210	8
Perangkap/Trap															
Belat-Belat (Stationary)	196	5	60	7	1	5	1	0	0	0	0	0	17	101	6
Bubu (Portable)	666	8	77	317	20	125	100	45	21	5	0	1	6	254	4
Pancing/Hooks & Line	3,989	22	371	1,478	318	638	298	183	31	10	0	0	47	2,044	27
Pukat Bakul/Bag Net	728	11	53	321	134	186	0	0	0	1	0	0	343	0	0
Pukat Surung Push/Scoop Net	39	1	4	0	0	0	0	0	0	0	0	0	34	0	0
Pukat Rentang Barrier Net	258	8	53	15	0	13	2	0	0	0	0	0	127	55	0
Memungut Siput Shellfish Collection	310	8	19	120	101	19	0	0	0	0	0	0	0	163	0
Pembawa Ikan Fish Carrier	257	88	40	129	16	83	14	0	3	6	1	6	0	0	0
Rampaian/Miscellaneous	918	29	116	6	2	4	0	0	0	0	0	0	0	767	0
Jumlah/Total	34,906	491	9,050	13,443	2,211	5,119	1,658	1,494	518	1,031	985	427	2,689	9,144	89

Nota/Note: GRT - Gross Registered Tonnage

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT
DAERAH-DAERAH PERIKANAN, 1995
NUMBER OF LICENSED FISHING VESSELS BY FISHERIES DISTRICTS, 1995

Daerah - Daerah Perikanan <i>Fisheries Districts</i>	Vesel-Vesel Menangkap Ikan (Fishing Vessels)			
	Berjentera Dalam <i>Inboard</i>	Berjentera Sangkut <i>Outboard</i>	Tidak Berjentera <i>Non-Powered</i>	Jumlah Total
SEMENANJUNG MALAYSIA				
<i>PENINSULAR MALAYSIA</i>				
1) Kuala Perlis	532	181	1	714
2) Langkawi	176	271	1	448
3) Kedah Utara	615	92	1	708
4) Kedah Selatan	234	375	2	611
5) Timur Laut/P.Pinang	72	302	4	378
6) Barat Daya/P.Pinang	155	466	4	625
7) Seberang Prai Utara	142	102	9	253
8) Seberang Prai Tengah	13	126	2	141
9) Seberang Prai Selatan	257	123	6	386
10) Krian	1,011	392	48	1,451
11) Larut & Matang	1,012	175	17	1,204
12) Manjong	784	543	37	1,364
13) Hilir Perak	600	146	34	780
14) Selangor Utara	659	173	0	832
15) Selangor Tengah	501	110	12	623
16) Pelabuhan Klang I	452	2	0	454
17) Pelabuhan Klang II	233	200	84	517
18) Selangor Selatan	185	144	3	332
19) Port Dickson	49	139	3	191
20) Melaka	175	564	11	750
21) Muar	189	387	43	619
22) Batu Pahat	318	459	18	795
23) Pontian	432	614	44	1,090
24) Johor Bahru	5	1,174	54	1,233
25) Pengerang (Kota Tinggi)	112	689	34	835
26) Sedeli	258	71	0	329
27) Mersing	458	100	2	560
28) Kuantan	445	65	5	515
29) Pekan	294	195	3	492
30) Kuala Rompin	181	114	0	295
31) Kemaman	437	69	3	509
32) Dungun	342	75	2	419
33) Marang	239	100	1	340
34) Kuala Terengganu Utara	283	62	2	347
35) Kuala Terengganu Selatan	348	7	1	356
36) Besut	378	20	0	398
37) Setiu	113	48	0	161
38) Kota Bharu	173	94	0	267
39) Bachok & Pasir Putih	313	27	0	340
40) Tumpat	268	54	0	322
Jumlah Kecil <i>Sub-Total</i>	13,443	9,050	491	22,984

Samb. (Cont'd) Jadual (Table) 2.4

Daerah-Daerah Perikanan <i>Fisheries Districts</i>	Vesel-Vesel Menangkap Ikan (Fishing Vessels)			
	Berjentera Dalam <i>Inboard</i>	Berjentera Sangkut <i>Outboard</i>	Tidak Berjentera <i>Non-Powered</i>	Jumlah <i>Total</i>
SARAWAK				
1) Kuching	260	1	0	261
2) Santubong	111	11	0	122
3) Pendam (Sadong Jaya)	157	21	0	178
4) Sematan	28	26	0	54
5) Batang Lupar / Sri Aman	249	30	0	279
6) Saribas/Kalaka	252	6	1	259
7) Sibu/Igan	117	26	1	144
8) Sarikei/Bitangor	72	11	0	83
9) Mukah/Oya	148	123	0	271
10) Belawai	158	20	0	178
11) Matu Daro	162	43	3	208
12) Bintulu	86	44	0	130
13) Miri	118	93	1	212
14) Limbang	0	63	0	63
15) Lawas	0	247	0	247
Jumlah Kecil/Sub-Total	1,918	765	6	2,689
SABAH				
1) Tawau	128	340	298	766
2) Semporna	526	210	354	1,090
3) Kunak	27	49	29	105
4) Lahad Datu	136	72	123	331
5) Sandakan	750	295	385	1,430
6) Beluran	265	529	171	965
7) Kudat	399	178	50	627
8) Kota Marudu	16	373	121	510
9) Kota Belud	45	192	505	742
10) Pitas	28	205	231	464
11) Tuaran	0	150	10	160
12) Kota Kinabalu	232	324	14	570
13) Papar	2	193	21	216
14) Beaufort	10	402	72	484
15) Kuala Penyu	44	264	175	483
16) Sipitang	0	163	38	201
Jumlah Kecil/Sub-Total	2,608	3,939	2,597	9,144
WIL. PER. LABUAN/LABUAN F.T.				
1) Kg. Bebuloh	0	24	0	24
2) Kg. Ranca-Ranca	0	8	1	9
3) Kg. Lubok Temiang	0	3	1	4
4) Kg. Batu Manikar	0	3	0	3
5) Kg. Tg. Aru	0	1	0	1
6) Kg. Miri/Lada/Pagar	0	7	0	7
7) Kg. Patau-Patau	0	17	1	18
8) Lain-Lain Kampong	11	12	0	23
Jumlah Kecil/Sub-Total	11	75	3	89
Jumlah Besar/Grand Total	17,980	13,829	3,097	34,906

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN DAN BILANGAN
NELAYAN YANG BEKERJA DI VESEL-VESEL BERLESEN, 1975 - 1995
NUMBER OF FISHING VESSELS LICENSED AND NUMBER OF FISHERMEN
OPERATING LICENSED VESSELS, 1975 - 1995

JADUAL (TABLE) 2.5

Bilangan Vesel Menangkap Ikan Yang Dilesenkan <i>Number Of Fishing Vessels Licensed</i>					Bilangan Nelayan <i>Number of Fishermen</i>				
Tahun <i>Year</i>	Berjentera Dalam <i>Inboard</i>	Berjentera Sangkut <i>Outboard</i>	Tidak Berjentera Non- Powered	Jumlah <i>Total</i>	Melayu <i>Malays</i>	Cina <i>Chinese</i>	India <i>Indians</i>	Lain-Lain <i>Others</i>	Jumlah <i>Total</i>
1975	16,081	2,138	3,928	22,147	40,335	31,992	452	525	73,304
1976	16,142	2,342	4,151	22,635	41,997	30,479	450	610	73,536
1977	16,977	2,775	4,329	24,081	44,373	30,131	541	600	75,645
1978	17,775	3,684	6,038	27,497	51,265	30,980	637	812	83,694
1979	17,741	5,156	6,256	29,153	50,816	30,323	528	1,259	82,926
1980	18,433	6,585	5,502	30,520	55,008	31,802	410	1,752	88,972
1981	18,585	7,368	4,437	30,390	54,538	30,084	609	1,694	86,925
1982	17,875	7,246	2,620	27,741	49,232	28,306	739	1,960	80,237
1983	16,285	7,202	2,208	25,695	47,322	25,238	534	2,496	75,590
1984	16,533	7,458	1,682	25,673	48,616	25,077	564	2,111	76,368
1985	15,324	6,751	1,296	23,371	42,620	23,532	471	2,907	69,530
1986	14,626	6,864	986	22,476	34,269	21,357	448	3,378	59,452
1987	14,822	6,430	886	22,138	33,815	21,634	394	4,726	60,569
1988	14,760	5,832	749	21,341	32,386	21,367	409	4,121	58,283
1989	15,507	7,146	806	23,459	35,907	22,443	454	3,776	62,580
1990	15,326	7,029	779	23,134	34,719	21,364	471	3,247	59,801
1991	15,331	6,760	718	22,809	35,609	21,385	448	3,867	61,309
1992	14,999	6,223	632	21,854	35,279	21,094	440	3,597	60,410
1993	14,351	5,206	463	20,020	28,607	18,466	245	6,569	53,887
1994	13,677	4,988	424	19,089	27,499	17,984	249	6,463	52,195
1995	13,443	9,050	491	22,984	30,440	17,976	239	6,347	55,002

MALAYSIA
BILANGAN PERKAKAS YANG DILESENKAN MENGIKUT NEGERI, 1995
NUMBER OF LICENSED FISHING GEARS BY STATE, 1995

JADUAL (TABLE) 3.1

Kumpulan Perkakas <i>Gear Group</i>	Pukat Tunda	Pukat-Pukat Tarik <i>Seine Nets</i>			Pukat Hanyut <i>Drift/ Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap- Perangkap <i>Traps</i>		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput Shellfish Collection	Rampaiian Miscell- aneous	Jumlah Total
Negeri State	Trawl Nets	Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain-Lain Other Seines			Belat-Belat Stationary	Bubu Portable							
Pantai Barat/West Coast:															
Perlis	197	105	0	1	397	3	0	2	8	0	0	0	0	0	713
Kedah	470	14	48	16	1,149	16	1	1	17	0	32	0	0	3	1,767
Pulau Pinang/Penang	95	28	0	113	1,419	0	0	2	61	43	0	4	0	18	1,783
Perak	1,355	59	14	593	2,231	0	0	41	128	88	0	1	129	160	4,799
Selangor	744	15	0	7	1,613	0	1	3	72	177	16	0	6	104	2,758
Negeri Sembilan	0	0	0	1	174	0	0	7	7	0	0	0	0	2	191
Melaka/Malacca	0	0	0	3	692	0	4	0	51	0	0	0	0	0	750
Johor Barat/West Johore	275	0	0	5	3,151	0	33	73	49	0	56	0	20	75	3,737
Jumlah Kecil/Sub-Total	3,136	221	62	739	10,826	19	39	129	393	308	104	5	155	362	16,498
Pantai Timur/East Coast:															
Kelantan	86	37	9	41	552	32	0	7	165	0	0	0	0	0	929
Terengganu	252	333	30	13	715	40	0	139	962	0	0	0	0	46	2,530
Pahang	334	72	17	2	522	20	0	106	214	0	0	0	0	14	1,301
Johor Timur/East Johore	251	67	0	1	1,190	0	33	21	137	21	0	0	0	3	1,724
Jumlah Kecil/Sub-Total	923	509	56	57	2,979	92	33	273	1,478	21	0	0	0	63	6,484
Sarawak	510	26	0	2	1,800	0	17	6	148	343	127	34	0	0	3,013
Sabah	1,058	152	0	6	915	146	56	55	424	0	0	0	0	256	3,068
W.P. Labuan	5	4	0	4	31	8	6	4	27	0	0	0	0	0	89
Jumlah Kecil/Sub-Total	1,573	182	0	12	2,746	154	79	65	599	343	127	34	0	256	6,170
Jumlah Besar/Grand Total	5,632	912	118	808	16,551	265	151	467	2,470	672	231	39	155	681	29,152

SEMANAJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN BILANGAN KUMULATIF PERKAKAS YANG DIUSAHAKAN MENGIKUT NEGERI, 1995
ESTIMATED CUMULATIVE NUMBER OF FISHING GEARS IN OPERATION BY STATE, 1995

JADUAL (TABLE) 3.2

Kumpulan Perkakas <i>Gear Group</i>	Pukat Tunda	Pukat-Pukat Tarik <i>Seine Net</i>			Pukat Hanyut <i>Drift/ Gill Net</i>	Pukat Tangguk <i>Lift Net</i>	Perangkap- Perangkap <i>Trap</i>		Pancing <i>Hook & Line</i>	Pukat Bakul <i>Bag Net</i>	Pukat Rentang <i>Barrier Net</i>	Pukat Surung <i>Push/ Scoop Net</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscell- aneous</i>	Jumlah <i>Total</i>
Negeri <i>State</i>	<i>Trawl Net</i>	Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain-Lain <i>Other Seine</i>			Belat-Belat <i>Stationary</i>	Bubu <i>Portable</i>							
Pantai Barat/West Coast:															
Perlis	2,644	1,320	0	0	6,360	0	0	0	0	0	0	178	143	597	11,242
Kedah	10,293	144	620	840	24,474	0	0	0	828	2,641	265	1,252	72	2,705	44,134
Pulau Pinang	1,205	227	0	1,351	21,937	0	0	96	1,060	678	1,140	224	36	192	28,146
Perak	19,412	532	139	4,874	18,149	0	0	641	2,247	1,539	1,595	2,412	289	2,834	54,663
Selangor	9,946	159	0	145	18,705	0	228	518	3,331	2,447	427	1,226	0	358	37,490
Negeri Sembilan	0	0	0	53	2,289	0	0	76	268	0	0	0	0	0	2,686
Melaka	0	0	0	52	7,414	0	17	0	1,214	0	0	2,165	0	0	10,862
Johor Barat/West Johor	3,692	0	0	0	24,990	0	639	1,584	185	410	133	164	0	1,775	33,572
Jumlah Kecil/Sub-Total	47,192	2,382	759	7,315	124,318	0	884	2,915	9,133	7,715	3,560	7,621	540	8,461	222,795
Pantai Timur/East Coast:															
Kelantan	1,837	206	82	0	4,439	184	775	60	1,408	0	0	0	0	740	9,731
Terengganu	2,454	2,134	295	0	1,866	344	0	2,538	7,818	0	0	0	0	0	17,449
Pahang	5,441	448	97	0	4,076	57	0	1,194	862	0	0	0	0	0	12,175
Johor Timur/East Johor	4,477	442	0	0	3,869	0	96	153	1,131	744	0	0	0	649	11,561
Jumlah Kecil/Sub-Total	14,209	3,230	474	0	14,250	585	871	3,945	11,219	744	0	0	0	1,389	50,916
Jumlah Besar/Grand Total	61,401	5,612	1,233	7,315	138,568	585	1,755	6,860	20,352	8,459	3,560	7,621	540	9,850	273,711

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS, 1996
LANDINGS OF MARINE FISH BY STATE AND GEAR GROUP, 1996

JADUAL (TABLE) 4.1

Kumpulan Perkakas Gear Group	Pukat Tunda Trawl Net	Pukat-Pukat Tarik Seine Net			Pukat Hanyut Drift/Gill Net	Pukat Tangguk Lift Net	Perangkap-Perangkap Trap		Pancing Hook & Line	Pukat Bakul Bag Net	Pukat Rentang Barrier Net	Pukat Surung Push/ Scoop Net	Memungut Siput Shellfish Collection	Rampaiian Miscell- aneous	Jumlah Tan M. Total Tonnes
		Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy	Lain-Lain Other Seine			Belat-Belat Stationary	Bubu Portable							
Pantai Barat/West Coast:															
Perlis	12,562	22,823	0	0	4,749	0	0	0	0	0	0	97	4,444	88	44,763
Kedah	41,409	8,065	11,697	182	10,670	0	15	3	270	881	93	466	2,341	177	76,269
Pulau Pinang	20,587	3,284	0	3,319	9,210	0	0	25	238	655	165	55	44	30	37,612
Perak	158,493	9,016	1,405	12,897	36,616	0	0	535	723	1,245	486	2,312	925	426	225,079
Selangor	68,471	2,146	0	205	6,193	0	216	81	2,697	18,591	1,136	527	9,991	114	110,368
Negeri Sembilan	0	0	0	9	299	0	0	19	56	0	0	0	2	0	385
Melaka	0	0	0	6	1,576	0	0	4	185	0	0	132	25	0	1,928
Johor Barat/West Johor	10,516	0	0	0	6,797	0	561	181	55	4,719	67	93	0	102	23,091
Jumlah/Total:	312,038	45,334	13,102	16,618	76,110	0	792	848	4,224	26,091	1,947	3,682	17,772	937	519,495
Pantai Timur/East Coast:															
Kelantan	12,394	10,556	775	0	3,348	3,318	107	7	2,195	0	0	0	0	29	32,729
Terengganu	26,561	48,879	2,987	0	1,865	2,611	0	3,345	5,919	0	0	0	0	0	92,167
Pahang	82,200	11,085	1,150	0	5,051	612	0	2,617	2,144	0	0	0	0	0	104,859
Johor Timur/East Johor	45,246	8,337	0	0	960	0	0	55	1,471	2,313	0	0	0	25	58,407
Jumlah/Total:	166,401	78,857	4,912	0	11,224	6,541	107	6,024	11,729	2,313	0	0	0	54	288,162
Malaysia:															
Semenanjung Malaysia/ Peninsular Malaysia	478,439	124,191	18,014	16,618	87,334	6,541	899	6,872	15,953	28,404	1,947	3,682	17,772	991	807,657
Sarawak	48,775	2,936	0	0	25,681	0	941	157	1,888	4,611	2,772	12,857	2	124	100,744
Sabah	54,842	36,172	0	8,244	28,090	24,467	2,146	1,125	20,927	0	113	0	215	3,802	180,143
W.Persekutuan Labuan/ Labuan, Federal Territory	19,924	8,213	0	56	2,935	939	328	148	5,573	0	0	29	0	0	38,145
Jumlah Tan M./Total Tonnes	601,980	171,512	18,014	24,918	144,040	31,947	4,314	8,302	44,341	33,015	4,832	16,568	17,989	4,917	1,126,689

3. Marine Fishery Statistics (continued)

Country or Sub-area Malaysia (8)

3.6 Catch of Marine Fishery by Type of Fishing Gear and by Species

Type of Fishing Gear			24. Shads, milkfish, etc.		25. Misc. diadromous fishes	31. Flounders, halibuts, soles, etc.				33. Red fishes, basses, congers, etc.	
Code No.	Name	Total	Shads (2401)	Milkfish (2402)	Barramundi (2501)	Flounders (3101)	Indian halibuts (3102)	Tongue soles (3103)	Soles (3104)	Marine catfishes (3301)	Catfish eels (3302)
	Total (In quantity, metric ton)	1	1,047,350	11,872	1,602		1,721	2,807		14,536	2,133
	Large-scale fishery Sub-total	2	746,214	4,356	16		1,525	2,382		8,265	158
06	Trawl	3	561,942	4,269	16		1,525	2,382		8,128	158
01	Purse Seine	4	160,269	87	-		-	-		137	-
02	Purse Seine-Anchovy	5	24,003	-	-		-	-		-	-
		6									
		7									
		8									
		9									
		10									
		11									
		12									
		13									
	Small-scale fishery Sub-total	14	301,136	7,516	1,586		196	425		6,271	1,975
05	Other Seines	15	20,360	13	1			25		61	5
09	Drift/Gill Net	16	117,515	7,392	789		140	381		4,693	940
10	Lift Net	17	31,262	2	-		-	-		-	96
11	Stakes/Traps	18	12,987	87	125		56	2		177	363
12	Hook & Line	19	44,153	18	628		-	-		1,041	199
13	Push/Scoop Net	20	9,741	-	-		-	-		-	-
14	Shellfish Collection	21	21,997	-	-		-	-		-	-
15	Bag Net/Barrier Net	22	36,694	4	43		-	17		299	371
16	Others/Miscellaneous	23	6,427	-	-		-	-		-	1
	Total (In value US \$1,000)	24	925,530	5,003	7,483		1,721	1,638		10,633	4,846

3. Marine Fishery Statistics (continued)

Country	Malaysia
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(6)

3.4 Number of Fishermen by Working Status

Sub-area		Total	Full-time fishermen	Part-time fishermen (Mainly engaged in fishing)	Part-time fishermen (Partly engaged in fishing)
		(1)	(2)	(3)	(4)
Total	(Malaysia)	1	80,278	80,278	-
Peninsular Malaysia		2	53,887	53,887	-
Sabah		3	18,846	18,846	-
Sarawak		4	7,545	7,545	-
		5			
		6			
		7			
		8			
		9			
		10			

Footnotes:

1. Year referred : 1993
2. Data source : Annual Fisheries Statistics
3. Please indicate if incomplete in coverage, definition, etc.

As the number of fishermen is computed from a boat licensing system, all the fishermen are classified as full-time irrespective of full-time or part-time (major/minor)

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 1996
LANDINGS OF MARINE FISH BY MONTH AND STATE, 1996
(Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

JADUAL (TABLE) 4.2

Bulan/Month Negeri/State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Tan M. Total Tonnes
Pantai Barat/West Coast:													
Perlis	2,959	2,888	3,253	3,993	4,688	4,246	4,428	3,140	5,698	3,812	3,308	2,350	44,763
Kedah	6,621	5,785	5,680	7,846	7,183	6,640	6,652	5,588	5,524	5,903	6,320	6,527	76,269
Pulau Pinang	3,631	2,552	3,687	3,161	3,259	2,823	3,118	3,932	2,687	3,089	3,339	2,334	37,612
Perak	16,861	12,776	19,474	17,748	21,102	19,236	23,300	20,663	18,895	18,335	20,645	16,044	225,079
Selangor	8,876	6,779	8,935	9,632	8,596	7,592	8,705	10,239	12,431	9,912	9,544	9,127	110,368
Negeri Sembilan	34	34	37	35	35	29	30	29	28	27	30	37	385
Melaka	143	133	143	157	184	161	162	170	164	171	173	167	1,928
Johor Barat/West Johor	1,942	1,770	1,873	1,651	1,908	1,787	2,802	2,350	1,901	1,716	1,792	1,599	23,091
Jumlah Kecil/Sub-Total	41,067	32,717	43,082	44,223	46,955	42,514	49,197	46,111	47,328	42,965	45,151	38,185	519,495
Pantai Timur/East Coast:													
Kelantan	1,574	1,429	2,472	3,093	3,237	2,834	3,162	2,596	3,815	3,752	3,111	1,654	32,729
Terengganu	3,270	2,797	9,462	8,775	12,059	5,368	7,164	11,310	10,927	10,254	7,543	3,238	92,167
Pahang	8,017	5,179	6,170	6,762	8,287	9,034	9,878	11,534	10,577	10,891	10,504	8,026	104,859
Johor Timur/East Johor	3,509	1,637	4,387	4,793	4,584	4,901	5,147	6,340	7,100	6,154	5,781	4,074	58,407
Jumlah Kecil/Sub-Total	16,370	11,042	22,491	23,423	28,167	22,137	25,351	31,780	32,419	31,051	26,939	16,992	288,162
Malaysia:													
Semenanjung Malaysia/ Peninsular Malaysia	57,437	43,759	65,573	67,646	75,122	64,651	74,548	77,891	79,747	74,016	72,090	55,177	807,657
Sarawak	5,431	5,630	17,430	13,006	9,720	8,514	8,087	7,790	8,308	7,778	4,890	4,160	100,744
Sabah	16,174	15,053	15,556	14,428	15,525	14,667	14,100	15,380	16,389	14,876	14,562	13,433	180,143
W.Persekutuan Labuan/ Labuan, Federal Territory	2,316	2,043	3,074	3,245	4,298	3,799	3,813	3,867	4,048	2,250	2,789	2,603	38,145
Jumlah Besar (Tan Metrik) Grand Total Tonnes	81,358	66,485	101,633	98,325	104,665	91,631	100,548	104,928	108,492	98,920	94,331	75,373	1,126,689

3. Marine Fishery Statistics (continued)

Country or Sub-area Malaysia (7)

3.5 Number of Fishing Units by Size of Boat

Type of Fishing Gear			In-board powerd boat									
Code No. *	Name of Fishing gear	Total	Out-Board Powered boat	Sub-total	Less than 5 tons	5-10 tons	10-20 tons	20-70 tons	70 tons & above	100-200 tons	200-500 tons	500 tons and over
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
06	Otter Trawl	1	6,304	1	6,303	138	684	2,431	2,662	388		
01	Purse Seine	2	844	42	802	29	56	97	471	149		
02	Purse Seine - Anchovy	3	146	-	146	-	9	53	29	55		
05	Seine Net	4	913	201	712	153	543	13	3	-		
09	Drift/Gill Net	5	15,129	7,791	7,338	2,114	4,152	958	112	2		
10	Lift Net	6	381	283	98	16	41	40	1	-		
11	Trap	7	733	327	406	54	146	170	35	1		
12	Hook & Line	8	3,221	1,086	2,135	517	871	656	84	7		
13	Push Net	9	42	17	25	-	5	20	-	-		
14	Shellfish Collection	10	179	53	126	102	24	-	-	-		
15	Bag Net	11	743	80	663	227	359	74	2	1		
15	Barrier Net	12	193	124	69	31	31	7	-	-		
15	Fish Carrier	13	85	14	71	11	29	15	9	7		
15	Others	14	433	382	51	20	16	6	8	1		
	Total:		29,346	10,401	18,945	3,412	6,966	4,540	3,416	611		

Footnotes:

- 1 Year referred : 1993
- 2 Data source : Annual Fisheries Statistics
- 3 Please indicate if incomplete in coverage, definition, etc.

* For Code No., See "Notes on Completion".

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 1997
LANDINGS OF MARINE FISH BY MONTH AND STATE, 1997
(Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

1997

JADUAL (TABLE) 4.2

Bulan/Month Negeri/State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Tan M. Total Tonnes
Pantai Barat/West Coast:													
Perlis	2,325	1,960	4,215	3,868	4,977	6,230	6,021	5,457	4,484	4,925	4,766	5,045	54,273
Kedah	8,443	6,420	8,012	7,794	8,626	7,341	8,072	7,019	5,317	6,967	7,331	6,521	87,863
Pulau Pinang	2,671	2,479	3,718	3,406	3,653	3,617	3,662	2,648	1,961	2,774	3,450	3,493	37,532
Perak	16,536	12,203	20,982	17,771	16,093	19,703	18,557	15,496	14,291	16,532	16,731	16,317	201,212
Selangor	10,873	6,716	11,007	10,236	7,488	12,371	12,674	10,818	8,166	9,680	9,733	8,646	118,408
Negeri Sembilan	31	32	27	28	30	31	33	27	27	35	38	38	377
Melaka	146	135	167	152	149	158	147	166	97	136	154	143	1,750
Johor Barat/West Johor	1,525	905	995	1,067	1,174	1,269	1,259	1,250	1,137	1,001	1,337	1,095	14,014
Jumlah Kecil/Sub-Total	42,550	30,850	49,123	44,322	42,190	50,720	50,425	42,881	35,480	42,050	43,540	41,298	515,429
Pantai Timur/East Coast:													
Kelantan	2,340	1,251	2,750	4,238	3,063	2,951	3,081	3,163	2,779	3,326	2,864	2,330	34,136
Terengganu	3,460	3,399	7,015	9,021	13,316	18,059	14,233	14,423	16,651	18,136	15,954	5,914	139,581
Pahang	7,152	4,228	6,381	5,440	7,002	8,003	7,827	8,474	9,444	10,753	9,555	6,916	91,175
Johor Timur/East Johor	4,165	1,779	4,676	4,004	4,440	5,355	5,491	5,465	6,181	6,630	5,174	3,893	57,253
Jumlah Kecil/Sub-Total	17,117	10,657	20,822	22,703	27,821	34,368	30,632	31,525	35,055	38,845	33,547	19,053	322,145
Malaysia:													
Semenanjung Malaysia/ Peninsular Malaysia	59,667	41,507	69,945	67,025	70,011	85,088	81,057	74,406	70,535	80,895	77,087	60,351	837,574
Sarawak*	13,529	17,654	22,974	15,169	7,552	8,023	6,798	5,996	4,831	7,654	4,001	3,942	118,123
Sabah	13,356	12,319	15,355	15,174	14,368	16,111	13,749	14,095	13,990	15,262	14,920	15,566	174,265
W.Persekutuan Labuan/ Labuan, Federal Territory	2,266	2,221	3,225	3,336	3,457	2,930	2,100	2,503	952	2,002	2,007	1,942	28,941
Jumlah Besar (Tan Metrik) Grand Total Tonnes	88,818	73,701	111,499	100,704	95,388	112,152	103,704	97,000	90,308	105,813	98,015	81,801	1,158,903

* DATA AWALAN (TERTAKLUK KEPADA PERUBAHAN)

3. Marine Fishery Statistics (continued)

Country or Sub-area Malaysia (7)

3.5 Number of Fishing Units by Size of Boat

Type of Fishing Gear			Total	Out-Board Powered boat	In-board powerd boat							
Code No. *	Name of Fishing gear	Sub-total			Less than 5 tons	5-10 tons	10-20 tons	20-70 tons	70 tons & above	100-200 tons	200-500 tons	500 tons and over
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
06	Otter Trawl	1	6,304	1	6,303	138	684	2,431	2,662	388		
01	Purse Seine	2	844	42	802	29	56	97	471	149		
02	Purse Seine - Anchovy	3	146	-	146	-	9	53	29	55		
05	Seine Net	4	913	201	712	153	543	13	3	-		
09	Drift/Gill Net	5	15,129	7,791	7,338	2,114	4,152	958	112	2		
10	Lift Net	6	381	283	98	16	41	40	1	-		
11	Trap	7	733	327	406	54	146	170	35	1		
12	Hook & Line	8	3,221	1,086	2,135	517	871	656	84	7		
13	Push Net	9	42	17	25	-	5	20	-	-		
14	Shellfish Collection	10	179	53	126	102	24	-	-	-		
15	Bag Net	11	743	80	663	227	359	74	2	1		
15	Barrier Net	12	193	124	69	31	31	7	-	-		
15	Fish Carrier	13	85	14	71	11	29	15	9	7		
15	Others	14	433	382	51	20	16	6	8	1		
	Total:		29,346	10,401	18,945	3,412	6,966	4,540	3,416	611		

Footnotes:

- 1 Year referred : 1993
- 2 Data source : Annual Fisheries Statistics
- 3 Please indicate if incomplete in coverage, definition, etc.

* For Code No., See "Notes on Completion".

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1995
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.3

Bulan/Month	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Tan M. Total Tonnes
Kumpulan Perkakas Gear Group													
Pukat-Pukat Tunda <i>Trawl Net</i>	36,362	34,971	40,670	46,838	42,910	44,876	41,093	44,140	42,039	41,448	37,371	36,106	488,824
P.P. Tarik/Seine Net: Pukat Jerut Ikan <i>P.Seine-Fish</i>	6,003	8,230	10,603	12,432	11,104	11,344	13,444	11,967	13,496	14,309	8,204	5,502	126,638
Pukat Jerut Bilis <i>P.Seine-Anchovy</i>	1,241	1,164	1,476	1,785	2,098	1,889	1,814	1,594	1,578	2,399	1,525	1,044	19,607
Lain-Lain <i>Other Seine</i>	1,483	1,323	1,257	1,150	1,375	1,572	1,415	1,327	1,082	1,400	1,563	1,140	16,087
Pukat-Pukat Hanyut <i>Drift/Gill Net</i>	5,530	9,245	9,588	10,083	9,994	9,642	9,089	6,643	7,272	6,876	5,295	4,808	94,065
Pukat-Pukat Tangguk <i>Lift Net</i>	230	228	383	452	332	550	642	665	1,017	665	224	42	5,430
Perangkap-Perangkap/Trap: Belat-Belat <i>(Stationary)</i>	156	127	225	263	207	257	273	239	163	172	366	148	2,596
Bubu <i>(Portable)</i>	290	701	665	559	739	806	879	687	715	786	414	329	7,570
Pancing <i>Hook & Line</i>	798	925	1,150	1,190	1,139	1,107	1,181	1,325	1,491	1,550	938	873	13,667
Pukat-Pukat Bakul <i>Bag Net</i>	1,938	1,659	1,608	1,814	1,110	1,626	2,048	2,354	2,475	2,887	1,885	1,744	23,148
Pukat-Pukat Rentang <i>Barrier Net</i>	228	154	180	142	164	154	150	224	214	180	135	173	2,098
Pukat-Pukat Surung <i>Push/Scoop Net</i>	344	339	246	313	283	286	289	283	324	379	320	392	3,798
Memungut Siput <i>Shellfish Collection</i>	663	263	732	830	892	1,138	981	854	1,211	4,117	2,072	1,521	15,274
Rampaian <i>Miscellaneous</i>	64	57	51	62	60	58	44	53	51	53	64	45	662
Jumlah Tan M./Total Tonnes	55,330	59,386	68,834	77,913	72,407	75,305	73,342	72,355	73,128	77,221	60,376	53,867	819,464

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY STATE AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.4

ISSCAAP GROUP	Species Species	Pantai Barat West Coast								Jumlah Total	Pantai Timur East Coast				Jumlah Total	Sarawak	Sabah	W. P. Labuan Federal Territory	Jumlah Total	Jumlah Besar Grand-Total
		Perlis	Kedah	P.Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat West Johor		Kelantan	Terengganu	Pahang	Johor Timur East Johor						
24	Kebasi/Selangat	308	541	435	748	306	18	0	253	2,609	0	2	5	2	9	191	698	31	920	3,538
	Puput/B. Mata/Tinak	0	152	166	3,602	2,171	28	0	244	6,363	65	13	307	1	386	2,107	1,002	101	3,210	9,959
	Terubak	0	0	0	30	0	0	0	0	30	0	0	0	0	0	770	0	0	770	800
25	Siakap	0	7	1	43	5	6	0	20	82	4	0	4	0	8	110	1,118	1	1,229	1,319
31	Lidah	462	744	148	627	449	0	0	168	2,598	98	73	115	47	333	135	3	25	163	3,094
	Sebelah	0	123	21	143	29	0	0	4	320	32	125	122	147	426	328	719	222	1,269	2,015
33	Bayan	0	0	0	8	0	0	0	0	8	0	15	17	19	51	1	136	4	141	200
	Biji Nangka	0	47	286	1,072	2	3	0	25	1,435	480	1,679	509	253	2,921	4,359	691	195	5,245	9,601
	Daun Baharu	0	0	0	5	12	9	16	48	90	4	34	21	44	103	186	73	184	443	636
	Delah/Pinang-Pinang	0	0	0	57	0	0	0	0	57	2	132	13	27	174	5	943	421	1,369	1,600
	Duri/Pulutan/Utik	131	644	1,647	1,409	712	17	287	284	5,131	334	712	803	684	2,533	3,031	3,005	122	6,158	13,822
	Dengkis/Dabam	0	4	0	81	1	0	0	5	91	22	66	86	76	250	0	537	266	803	1,144
	Gelama/Tengkerong/Selampai	470	1,594	2,058	3,586	2,605	42	180	1,055	11,590	490	334	530	514	1,868	2,309	1,421	204	3,934	17,392
	Gerut-Gerut	14	37	45	124	103	5	4	22	354	28	63	17	25	133	47	363	278	688	1,175
	Jenahak	5	29	17	170	143	11	33	43	451	2	0	9	30	41	121	3,613	319	4,053	4,545
	Kaci	0	0	0	36	2	1	0	4	43	2	48	127	376	553	37	96	287	420	1,016
	Kerapu	209	448	103	687	66	4	28	48	1,593	56	453	285	175	969	322	3,580	572	4,474	7,036
	Kerisi	492	2,453	702	9,219	425	0	0	0	13,291	987	2,794	6,109	1,922	11,812	589	5,308	323	6,220	31,323
	Kerisi Bali	0	116	0	148	56	0	0	0	320	15	202	504	36	757	211	1,980	468	2,659	3,736
	Kikak	0	3	0	31	0	0	0	61	95	84	796	192	48	1,120	68	767	234	1,069	2,284
	Malong	60	118	57	205	706	4	83	518	1,751	4	43	72	25	144	788	697	15	1,500	3,395
	Merah	25	39	12	186	33	1	29	12	337	89	820	282	385	1,576	936	3,092	695	4,723	6,636
	Mengkerong/Conor/Ubi-Ubi	26	72	16	5,611	110	0	0	110	5,945	339	711	722	119	1,891	0	1,002	15	1,017	8,853
	Remong/Kunyit-Kunyit/Tanda	0	15	24	90	9	0	0	0	138	97	484	603	360	1,544	0	649	532	1,181	2,863
	Semilang	83	129	75	703	56	13	4	23	1,086	1	0	4	1	6	43	873	2	918	2,010
	Shrumbu/Lamah	0	0	0	25	0	0	0	0	25	0	0	0	0	0	287	26	80	393	418
	Puntong Damar/Bulus	128	312	7	537	58	8	0	0	1,050	318	102	305	128	853	0	45	0	45	1,948
	Pasir-Pasir/Timun-Timun	0	0	0	2	0	0	0	0	2	44	726	324	79	1,173	0	0	90	90	1,265
34	Alu-Alu/Kacang-Kacang	52	344	74	236	24	6	24	56	816	41	228	303	212	784	206	2,590	300	3,096	4,696
	Arvan Tasik	11	2	0	27	22	1	0	7	70	33	93	105	38	269	0	0	2	2	341
	Bawal	673	541	830	2,147	1,710	14	28	805	6,748	21	31	148	67	267	1,656	1,406	403	3,465	10,480
	Belanak/Kedera	40	509	1,040	1,153	382	3	45	10	3,182	52	0	1	1	54	194	1,708	73	1,975	5,211
	Cermin/Sagai/Cupak	23	2	8	180	26	8	2	132	381	75	365	424	334	1,198	169	83	813	1,065	2,644

Samb. Jadual 4.4.
(Cont'd Table. 4.4.)

	Cincaru	2,697	658	1,026	5,793	2,722	2	0	266	13,164	120	639	1,140	798	2,697	1,114	1,624	871	3,609	19,470
	Demudok/Rambai	0	27	68	475	96	0	0	0	666	45	122	252	73	492	388	3,221	240	3,849	5,007
	Kurau/Senangin/Senahong	10	67	94	544	224	16	15	230	1,200	5	0	30	15	50	675	2,249	33	2,957	4,207
	Pelata/Selar	2,861	1,526	770	1,376	409	1	0	102	7,045	997	4,068	1,677	936	7,678	889	2,645	622	4,156	18,879
	Selar Kuning/Lolong	687	876	24	1,218	98	0	0	44	2,947	1,841	9,829	5,652	2,284	19,606	681	309	316	1,306	23,859
	Selayang/Curut	5,021	849	261	4,047	214	0	0	0	10,392	4,399	20,433	2,469	2,097	29,398	361	14,784	688	15,833	55,623
	Pisang-Pisang	398	0	72	0	0	0	0	0	470	0	111	38	0	149	0	117	1	118	737
	Tolang	0	68	60	47	44	15	7	83	324	2	18	50	44	114	833	1,946	95	2,874	3,312
35	Bilis/Bunga Air	0	11,781	0	1,814	108	0	0	26	13,729	544	2,760	1,610	10	4,924	712	3,118	80	3,910	22,563
	Parang-Parang	150	58	114	315	474	26	141	624	1,902	114	183	580	311	1,188	880	16	63	959	4,049
	Tamban	1,101	895	525	457	538	2	0	23	3,541	679	8,807	4,485	1,523	15,494	2,004	17,104	850	19,958	38,993
	Bulan-Bulan	0	0	0	7	0	0	0	0	7	0	0	6	0	6	8	112	0	120	133
36	Aya/Kayu/Tongkol	1,210	1,046	498	858	114	1	0	0	3,727	946	3,488	1,730	733	6,897	1,835	13,934	2,281	18,050	28,674
	Layaran/Mersuji	0	0	0	3	0	0	0	0	3	0	253	6	0	259	0	142	49	191	453
37	Kembong/Temenong/Pelaling	14,038	20,474	13,366	40,202	12,921	1	0	1	101,003	869	4,568	5,565	1,073	12,075	2,646	8,539	1,907	13,092	126,170
	Tenggiri	274	137	189	1,236	1,208	38	160	525	3,767	208	1,067	884	583	2,742	2,760	5,002	631	8,393	14,902
	Timah/Layar/Selayor	69	217	522	780	1,065	0	30	216	2,899	509	665	188	85	1,447	1,259	461	181	1,901	6,247
38	Pari	199	528	367	1,977	1,140	33	79	347	4,670	1,137	1,003	1,876	1,418	5,434	2,440	2,993	170	5,603	15,707
	Yu	46	77	64	357	280	3	93	42	962	148	229	560	448	1,385	2,736	3,176	178	6,090	8,437
39	Ikan Baja	4,018	25,080	14,336	72,079	47,774	0	0	4,987	168,274	6,761	5,040	68,418	27,046	107,265	27,121	13,149	2,886	43,156	318,695
	Ikan Campur	435	2,235	226	6,985	1,338	67	263	1,845	13,394	826	2,116	4,481	2,538	9,961	14,750	8,541	2,185	25,476	48,831
	Jebong	0	20	325	187	8	1	0	5	546	2	135	97	276	510	0	202	134	336	1,392
42	Ketam	609	825	566	1,137	644	32	2	411	4,226	85	181	926	418	1,610	557	3,695	109	4,361	10,197
45	Udang Karang/Lobak	0	0	6	8	6	0	0	0	20	16	169	207	162	554	6	42	80	128	702
	Udang Putih	574	686	1,059	2,116	880	61	107	1,090	6,573	83	67	211	159	520	2,056	6,778	254	9,088	16,181
	Udang Minyak	0	0	312	7,040	3,109	0	0	716	11,177	30	79	153	558	820	22	328	0	350	12,347
	Udang Merah Ros	155	131	14	178	2,424	0	0	872	3,774	0	131	941	420	1,492	447	356	0	803	6,069
	Udang Kulit Keras	0	0	290	1,500	860	0	0	105	2,755	155	40	57	24	276	1,351	176	0	1,527	4,558
	Udang Harimau	0	43	36	32	3	0	0	5	119	6	14	26	69	115	32	277	91	400	634
	Lain-Lain Jenis Udang	954	3,426	1,596	14,542	1,119	9	46	1,664	23,356	273	142	984	696	2,095	5,868	3,775	249	9,892	35,343
	Udang Baring	37	457	149	1,781	10,375	0	204	1,446	14,449	0	0	0	1,967	1,967	416	666	156	1,238	17,654
56	Siput/Kepah/Kupang/Tiram	4,797	1,789	25	1,431	7,208	2	23	0	15,275	8	0	0	0	8	55	644	0	699	15,982
57	Sotong Kereta	0	413	0	62	1	0	0	0	476	1	0	88	63	152	0	384	0	384	1,012
	Sotong Katak	394	780	315	3,315	2,232	0	0	107	7,143	151	844	3,210	2,078	6,283	179	1,593	278	2,050	15,476
	Sotong Biasa	522	2,587	1,130	8,710	1,041	0	0	215	14,205	667	2,221	4,337	3,552	10,777	1,154	4,818	300	6,272	31,254
76	Ubur-Ubur	0	0	0	0	205	0	0	2,351	2,556	0	0	0	0	0	3,814	1,322	0	5,136	7,692
	Jumlah Tan M/Total Tonnes	44,468	86,781	46,177	215,537	111,105	512	1,933	22,305	528,818	25,446	80,566	126,002	58,632	290,646	99,255	166,462	23,255	288,972	1,108,436

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.5

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	317	307	222	236	315	268	297	340	338	388	231	279	3,538
	Puput/B. Mata/Tirok	696	531	632	901	963	885	959	909	856	958	745	924	9,959
	Terubok	10	15	26	55	134	109	109	104	85	106	42	5	800
25	Siakap	115	101	107	108	114	111	87	109	117	142	111	97	1,319
31	Lidah	335	270	246	233	258	246	290	223	321	186	279	207	3,094
33	Sebelah	123	133	150	180	160	204	190	191	195	176	157	156	2,015
	Bayan	3	2	3	10	8	50	29	25	19	13	31	7	200
	Biji Nangka	373	368	533	906	733	948	1,022	1,331	1,131	1,318	631	307	9,601
	Daun Baharu	31	39	44	66	50	62	83	49	61	55	57	39	636
	Delah/Pinang-Pinang	81	107	125	160	153	195	171	169	123	125	84	107	1,600
	Duri/Pulutan/Utik	928	982	1,133	1,265	1,350	1,244	1,176	1,148	1,249	1,433	1,030	884	13,822
	Dengkis/Debam	96	95	83	117	110	94	102	84	103	111	84	65	1,144
	Gelama/Tengkerong/Selampai	1,233	1,326	1,478	1,782	1,502	1,635	1,458	1,359	1,578	1,372	1,287	1,382	17,392
	Gerut-Gerut	83	98	92	80	134	82	86	115	125	94	101	85	1,175
	Jenahak	273	288	288	373	452	506	402	438	395	381	369	380	4,545
	Kaci	48	81	78	75	108	96	99	127	92	95	72	45	1,016
	Kerapu	402	504	501	549	702	680	718	691	662	563	553	511	7,036
	Kerisi	1,765	2,067	2,844	3,065	3,153	3,161	3,028	2,832	2,706	3,097	2,145	1,460	31,323
	Kerisi Bali	230	256	240	258	316	367	303	352	275	354	362	423	3,736
	Kikek	130	138	152	197	205	378	273	221	159	182	123	126	2,284
	Malong	277	271	304	341	313	253	266	239	283	274	257	317	3,395
	Merah	408	441	496	617	659	511	561	681	645	610	491	516	6,636
	Mengkerong/Conor/Ubi-Ubi	592	577	1015	949	732	888	635	808	784	854	610	409	8,853
	Remong/Kunyit-Kunyit/Tanda	157	169	193	213	267	215	243	270	334	319	264	219	2,863
	Semilang	135	147	144	163	162	171	190	182	144	206	185	181	2,010
	Shrumbu/Lemah	24	29	58	33	44	50	55	26	31	33	22	13	418
	Puntong Damar/Bulus	163	209	176	129	148	164	166	103	143	155	152	240	1,948
	Pasir-Pasir/Timun-Timun	57	105	90	180	139	140	104	111	106	126	58	49	1,265
	Alu-Alu/Kacang-Kacang	308	310	315	425	436	443	407	381	433	439	412	387	4,696
34	Aruan Tasik	24	25	31	33	34	38	18	24	33	36	26	19	341
	Bawal	821	835	811	798	788	825	1,034	951	1,165	932	796	724	10,480
	Belanak/Kedera	367	283	278	285	283	291	228	343	508	601	769	975	5,211
	Cemin/Sagai/Cupak	160	140	192	248	245	264	265	292	232	264	179	163	2,644

Samb. Dari Jadual 4.5
(Cont'd From Table 4.5)

	Cincaru	1,386	869	1,338	1,423	1,825	2,248	2,092	1,829	1,891	2,024	1,491	1,054	19,470
	Demudok/Rambai	317	346	323	469	482	424	444	381	566	411	524	320	5,007
	Kurau/Senangin/Senohong	320	272	351	360	353	297	363	399	369	400	342	381	4,207
	Pelata/Selar	1,157	1,068	1,406	1,904	1,640	1,603	1,792	1,852	2,180	1,415	1,505	1,357	18,879
	Selar Kuning/Lolong	1,108	1,294	1,988	2,008	1,705	1,788	2,702	2,407	2,690	3,101	1,912	1,156	23,859
	Selayang/Curut	3,546	3,305	4,339	4,996	4,046	4,250	4,282	6,075	6,403	7,229	3,937	3,215	55,623
	Pisang-Pisang	21	46	9	23	37	37	58	66	140	116	95	89	737
	Talang	161	234	223	237	377	269	280	280	231	352	321	347	3,312
35	Bilis/Bunga Air	1,679	1,456	1,621	2,002	2,126	1,861	1,913	1,877	1,866	2,752	1,906	1,504	22,563
	Parang-Parang	247	246	372	426	402	440	381	371	354	354	249	207	4,049
	Tamban	2,146	2,055	3,183	4,005	3,856	3,961	2,816	2,661	3,587	5,005	3,508	2,210	38,993
	Bulan-Bulan	8	5	4	17	7	37	11	5	6	15	8	10	133
36	Aya/Kayu/Tongkol	1,614	1,919	2,710	2,560	3,066	2,153	3,215	1,961	2,563	2,721	1,966	2,226	28,674
	Layaran/Mersuji	20	42	19	17	23	8	6	19	261	13	14	11	453
37	Kembong/Temenong/Pelaling	6,771	13,654	14,013	15,462	14,126	12,900	12,181	8,325	8,680	7,994	6,379	5,685	126,170
	Tenggiri	1,019	945	1,272	1,470	1,254	1,264	1,420	1,329	1,408	1,290	1,059	1,172	14,902
	Timah/Layor/Selayor	540	390	476	447	535	583	702	890	346	776	270	292	6,247
38	Pari	825	954	1,283	1,277	1,335	1,555	1,599	1,531	1,646	1,730	1,068	904	15,707
	Yu	377	420	622	673	786	804	931	909	946	778	624	567	8,437
39	Ikan Baja	22,487	21,348	25,282	29,115	29,085	30,491	29,406	29,657	27,961	27,001	24,908	21,954	318,695
	Ikan Campur	2,789	3,048	4,437	5,064	4,713	4,331	4,436	4,769	4,274	4,642	3,677	2,651	48,831
	Jebong	124	88	136	142	138	125	98	113	128	120	96	84	1,392
42	Ketam	731	775	827	839	906	939	880	910	861	856	897	776	10,197
45	Udang Karang/Lobok	53	51	57	57	63	58	47	69	80	63	57	47	702
	Udang Putih	1,368	1,297	1,305	1,363	1,366	1,373	1,310	1,338	1,411	1,362	1,324	1,364	16,181
	Udang Minyak	1199	1282	1111	1074	969	852	783	906	1011	1051	1050	1059	12,347
	Udang Merah Ros	721	690	604	523	510	399	484	421	415	283	400	619	6,069
	Udang Kulit Keras	495	390	443	312	338	486	433	358	304	321	290	388	4,558
	Udang Harimau	61	86	50	53	48	51	46	46	45	44	52	52	634
	Lain-Lain Jenis Udang	3298	3303	3502	3095	2940	2919	2628	2426	2320	2336	2695	3881	35,343
	Udang Baring	1,430	1,509	1,034	1,274	728	1,131	1,350	1,699	2,034	2,398	1,664	1,403	17,654
56	Siput/Kepah/Kupang/Tiram	721	318	802	902	947	1,194	1,041	914	1,250	4,198	2,118	1,577	15,982
57	Sotong Kereta	61	57	59	74	86	98	61	96	118	140	115	47	1,012
	Sotong Katak	976	1,115	1,516	1,103	1,208	1,428	1,393	1,585	1,409	1,305	1,264	1,174	15,476
	Sotong Biasa	2,111	1,962	3,070	3,706	2,666	2,461	2,372	3,000	2,507	2,970	2,403	2,026	31,254
76	Ubur-Ubur	1,043	899	508	637	1,359	301	513	570	225	573	770	294	7,692
	Jumlah Tan M/Total Tonnes	73,695	78,987	93,375	104,139	101,221	100,693	99,523	97,272	97,917	104,137	83,673	73,804	1,108,436

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.1.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	245	238	153	179	252	204	206	256	261	263	151	210	2,618
	Puput/B. Mata/Tirok	591	372	410	441	555	481	590	605	676	699	527	802	6,749
	Terubok	0	0	0	0	0	0	0	0	2	14	11	3	30
25	Siakap	7	8	5	8	5	11	7	8	7	7	11	6	90
31	Lidah	319	242	231	217	243	232	278	206	311	180	269	203	2,931
33	Sebelah	45	46	56	58	52	62	72	76	96	65	54	64	746
	Bayan	3	2	3	8	6	6	7	5	7	9	2	1	59
	Biji Nangka	267	250	377	425	255	415	289	530	514	555	293	186	4,356
	Daun Baharu	10	16	12	18	15	16	17	18	17	15	24	15	193
	Delah/Pinang-Pinang	4	7	13	24	29	32	26	23	19	42	3	9	231
	Duri/Pulutan/Utik	640	566	588	698	729	634	585	592	715	803	585	529	7,664
	Dengkis/Debam	26	23	16	38	37	24	31	36	30	46	15	19	341
	Gelama/Tengkerong/Selampai	1,061	1,068	987	1,263	1,196	1,289	1,130	1,054	1,217	1,034	1,021	1,138	13,458
	Gerut-Gerut	37	41	55	29	65	35	32	43	33	40	40	37	487
	Jenahak	30	25	27	51	39	27	39	31	41	48	38	96	492
	Kaci	30	55	54	54	52	59	46	56	58	59	47	26	596
	Kerapu	168	215	219	220	254	233	285	275	222	205	147	119	2,562
	Kerisi	1,398	1,577	2,359	2,580	2,368	2,565	2,443	2,208	2,163	2,631	1,718	1,093	25,103
	Kerisi Bali	83	86	65	62	113	59	89	99	85	99	77	160	1,077
	Kikek	46	59	70	100	101	297	166	121	83	85	51	36	1,215
	Malong	211	160	179	187	191	139	134	119	150	134	115	176	1,895
	Merah	128	166	192	224	168	131	124	155	195	169	138	123	1,913
	Mengkerong/Conor/Ubi-Ubi	548	537	983	852	619	771	511	693	712	767	514	329	7,836
	Remong/Kunyit-Kunyit/Tanda	83	97	122	136	134	113	125	170	222	217	156	107	1,682
	Semilang	65	67	74	83	95	104	127	90	84	97	111	95	1,092
	Shrumbu/Lemah	1	2	6	8	4	4	0	0	0	0	0	0	25
	Puntong Damar/Bulus	158	205	172	125	146	162	165	97	140	151	148	234	1,903
	Pasir-Pasir/Timun-Timun	48	96	81	171	134	135	95	102	100	119	51	43	1,175
	Alu-Alu/Kacang-Kacang	87	106	122	137	147	146	134	132	165	186	142	96	1,600
34	Aruan Tasik	24	25	31	33	34	36	18	24	33	36	26	19	339
	Bawal	645	517	493	379	389	472	692	631	882	696	634	585	7,015
	Belanak/Kedera	230	129	120	130	141	114	102	158	329	379	574	830	3,236
	Cermin/Sagai/Cupak	92	88	116	154	143	144	131	158	171	178	107	97	1,579

Samb. Dari Jadual 4.5.1.
(Cont'd From Table 4.5.1.)

	Cincaru	1,182	608	1,021	1,024	1,434	1,805	1,823	1,545	1,633	1,699	1,247	840	15,861
	Demudok/Rambai	43	74	69	98	99	98	66	56	237	70	196	52	1,158
	Kurau/Senangin/Senohong	137	85	87	83	86	88	117	100	121	118	107	121	1,250
	Pelata/Selar	828	803	1,079	1,520	1,208	1,252	1,371	1,367	1,784	1,117	1,225	1,169	14,723
	Selar Kuning/Lolong	1,069	1,191	1,868	1,921	1,598	1,666	2,545	2,285	2,549	2,945	1,820	1,096	22,553
	Selayang/Curut	2,482	2,134	2,634	3,430	2,494	2,619	3,208	4,823	4,963	5,805	2,938	2,260	39,790
	Pisang-Pisang	14	14	3	10	27	13	55	64	131	110	92	86	619
	Talang	36	19	34	35	67	39	30	20	27	52	50	29	438
35	Bilis/Bunga Air	1,302	1,196	1,397	1,760	1,800	1,582	1,615	1,520	1,530	2,377	1,514	1,060	18,653
	Parang-Parang	227	196	245	264	254	326	276	284	290	310	215	203	3,090
	Tamban	732	970	1,761	2,660	2,097	2,491	1,280	1,204	1,449	2,693	1,204	494	19,035
	Bulan-Bulan	2	1	0	0	0	0	2	1	3	2	1	1	13
36	Aya/Kayu/Tongkol	325	326	858	1,044	1,081	1,034	1,714	930	1,188	1,155	497	472	10,624
	Layaran/Mersuji	4	1	5	0	0	1	0	0	247	1	0	3	262
37	Kembong/Temenong/Pelaling	5,920	12,962	12,900	14,225	12,810	11,651	10,976	7,191	7,546	6,866	5,150	4,881	113,078
	Tenggiri	485	444	569	560	445	486	528	608	735	623	504	522	6,509
	Timah/Layor/Selayor	506	345	276	257	311	398	410	594	211	610	194	234	4,346
38	Pari	620	620	855	811	859	1,008	953	941	1,062	1,007	700	668	10,104
	Yu	120	133	178	180	217	263	259	246	234	199	171	147	2,347
39	Ikan Baja	19,955	19,083	22,135	25,128	24,820	26,519	24,626	26,286	24,166	22,516	21,250	19,055	275,539
	Ikan Campur	1,474	1,641	2,209	2,750	2,137	2,061	1,894	2,021	1,951	2,134	1,733	1,350	23,355
	Jebong	100	66	110	114	109	89	76	85	96	90	67	54	1,056
42	Ketam	419	458	457	478	531	560	564	518	516	467	470	398	5,836
45	Udang Karang/Lobok	43	42	47	46	45	41	39	63	68	53	48	39	574
	Udang Putih	637	635	576	579	595	548	589	548	562	572	570	682	7,093
	Udang Minyak	1,174	1,258	1,051	1,034	940	823	776	873	1,003	1,012	1,024	1,029	11,997
	Udang Merah Ros	644	539	527	467	428	359	457	355	368	233	341	548	5,266
	Udang Kulit Keras	283	261	266	138	227	383	333	192	230	246	211	261	3,031
	Udang Harimau	29	31	10	12	11	16	20	22	20	18	25	20	234
	Lain-Lain Jenis Udang	2,441	2,164	1,893	1,975	2,125	2,266	2,123	1,940	1,723	1,705	2,064	3,032	25,451
	Udang Baring	1,283	1,262	785	1,207	667	1,092	1,323	1,654	1,938	2,270	1,611	1,324	16,416
56	Siput/Kepah/Kupang/Tiram	663	263	735	831	892	1,139	981	855	1,211	4,118	2,075	1,520	15,283
57	Sotong Kereta	25	35	38	52	59	57	39	82	86	76	53	26	628
	Sotong Katak	815	947	1,349	938	1,012	1,226	1,220	1,351	1,245	1,155	1,130	1,038	13,426
	Sotong Biasa	1,685	1,451	2,416	2,828	2,124	1,928	1,907	2,499	2,093	2,399	2,017	1,635	24,982
76	Ubur-Ubur	296	37	0	362	87	226	451	461	172	370	62	32	2,556
	Jumlah Tan M/Total Tonnes	55,330	59,386	68,834	77,913	72,407	75,305	73,342	72,355	73,128	77,221	60,376	53,867	819,464

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.5.2.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	241	238	151	179	251	204	205	256	261	263	151	209	2,609
	Puput/B. Mata/Tirok	577	340	386	371	502	444	572	592	646	673	507	753	6,363
	Terubok	0	0	0	0	0	0	0	0	2	14	11	3	30
25	Siakap	6	8	5	7	5	11	6	7	5	5	11	6	82
31	Lidah	284	207	206	190	223	213	251	172	293	156	235	168	2,598
33	Sebelah	16	16	14	19	27	29	35	35	45	24	25	35	320
	Bayan	2	0	2	1	1	0	1	0	0	0	1	0	8
	Biji Nangka	131	88	170	123	111	192	90	89	113	150	98	80	1,435
	Daun Baharu	6	9	5	10	7	6	10	7	6	5	13	6	90
	Delah/Pinang-Pinang	3	3	3	5	11	10	6	3	2	5	3	3	57
	Duri/Pulutan/Utik	496	395	403	460	532	397	391	376	441	455	393	392	5,131
	Dengkis/Debam	12	5	2	14	8	6	5	9	6	13	4	7	91
	Gelama/Tengkerong/Selampai	942	913	838	1,111	1,028	1,097	993	896	1,039	840	861	1,032	11,590
	Gerut-Gerut	30	33	25	21	53	24	24	34	19	28	32	31	354
	Jenahak	28	15	23	49	35	24	36	28	39	44	35	95	451
	Kaci	2	6	4	3	5	4	3	3	5	3	3	2	43
	Kerapu	130	141	141	138	156	162	138	153	132	118	103	81	1,593
	Kerisi	823	782	1,353	1,549	1,376	1,572	1,313	898	947	1,313	856	509	13,291
	Kerisi Bali	6	6	14	30	43	16	28	10	19	30	20	98	320
	Kikek	15	12	7	7	6	6	6	10	4	9	6	7	95
	Malong	201	150	152	172	181	127	127	113	140	123	101	164	1,751
	Merah	24	24	31	31	40	32	29	18	27	32	25	24	337
	Mengkerong/Conor/Ubi-Ubi	491	389	842	680	527	683	368	374	458	507	377	249	5,945
	Remong/Kunyit-Kunyit/Tanda	12	7	11	7	16	13	9	18	15	15	7	8	138
	Semilang	65	66	72	83	93	103	127	90	84	97	111	95	1,086
	Shrumbu/Lemah	1	2	6	8	4	4	0	0	0	0	0	0	25
	Puntong Damar/Bulus	71	86	68	78	106	120	87	61	92	99	95	87	1,050
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	0	0	0	0	0	2	2
	Alu-Alu/Kacang-Kacang	41	63	54	56	96	86	76	51	69	88	84	52	816
34	Arvan Tasik	8	3	8	3	4	8	4	9	5	5	7	6	70
	Bawal	631	498	475	359	367	446	661	606	849	672	616	568	6,748
	Belanak/Kedera	225	127	117	127	139	107	100	153	326	375	570	816	3,182
	Cermin/Sagai/Cupak	27	21	22	46	43	35	37	28	40	37	24	21	381

Samb. Dari Jadual 4.5.2.
(Cont'd From Table 4.5.2.)

	Cincaru	998	489	642	801	1,242	1,540	1,658	1344	1,158	1344	1,176	772	13,164
	Demudok/Rambai	32	44	40	46	44	58	30	37	63	48	183	41	666
	Kurau/Senangin/Senohong	136	81	84	76	75	83	112	98	117	114	103	121	1,200
	Pelata/Selar	479	467	588	636	599	581	719	643	606	511	561	655	7,045
	Selar Kuning/Lolong	173	116	281	211	314	266	240	213	200	365	265	303	2,947
	Selayang/Curut	834	870	772	1071	806	607	582	756	1,028	931	983	1,152	10,392
	Pisang-Pisang	0	0	0	0	0	0	42	47	118	95	89	79	470
	Talang	34	16	15	21	61	33	25	16	18	22	37	26	324
35	Bilis/Bunga Air	1,279	1,142	1,144	1490	1,213	997	1,130	1,079	865	1,073	1,259	1,058	13,729
	Parang-Parang	187	140	173	171	151	164	143	150	151	174	143	155	1,902
	Tamban	338	209	199	224	286	382	169	282	347	371	337	397	3,541
	Bulan-Bulan	2	1	0	0	0	0	1	1	0	0	1	1	7
36	Aya/Kayu/Tongkol	86	104	333	439	502	232	667	223	341	344	184	272	3,727
	Layaran/Mersuij	0	0	0	0	0	1	0	0	2	0	0	0	3
37	Kembong/Temenong/Pelaling	5,566	12,534	12,272	13357	11,642	10,516	9,800	5,780	5,219	5,118	4,491	4,708	101,003
	Tenggiri	341	266	315	342	228	265	346	254	358	318	367	367	3,767
	Timah/Layor/Selayor	398	114	124	109	171	265	301	451	129	485	152	200	2,899
38	Pari	374	362	369	412	446	472	361	332	455	382	342	363	4,670
	Yu	62	56	60	62	109	93	120	92	75	71	92	70	962
39	Ikan Baja	14,104	13,406	15,682	16,521	15,106	13,975	13,415	13,461	13,831	13,332	12,865	12,576	168,274
	Ikan Campur	869	1,037	1,465	1,686	1,408	1,379	1,113	988	906	987	913	643	13,394
	Jebong	68	24	73	75	63	40	24	28	38	43	39	31	546
42	Ketam	351	362	370	386	396	380	373	348	370	284	314	292	4,226
45	Udang Karang/Lobok	2	1	2	2	2	2	1	2	1	2	1	2	20
	Udang Putih	544	544	521	555	575	534	575	532	551	550	518	574	6,573
	Udang Minyak	1,060	1,014	902	1,008	930	803	752	846	979	995	964	924	11,177
	Udang Merah Ros	357	298	380	309	357	315	425	326	337	187	200	283	3,774
	Udang Kulit Keras	208	211	236	117	219	377	329	186	227	240	192	213	2,755
	Udang Harimau	16	8	7	10	7	8	11	12	13	10	6	11	119
	Lain-Lain Jenis Udang	2,131	1,876	1,710	1,869	2,078	2,224	2,051	1,861	1,587	1,558	1,815	2,596	23,356
	Udang Baring	1,283	1,262	785	1,207	667	1,092	1,232	1,422	1,182	1,382	1,611	1,324	14,449
56	Siput/Kepah/Kupang/Tiram	663	263	732	830	892	1,138	981	854	1,211	4,117	2,074	1,520	15,275
57	Sotong Kereta	24	27	36	50	57	51	32	67	41	37	29	25	476
	Sotong Katak	418	514	915	463	540	562	559	696	618	518	707	633	7,143
	Sotong Biasa	1,234	1,003	966	1,006	851	987	1,056	1,493	1,111	1,513	1,607	1,378	14,205
76	Ubur-Ubur	296	37	0	362	87	226	451	461	172	370	62	32	2,556
	Jumlah Tan M/Total Tonnes	40,494	43,551	47,803	51,861	48,120	46,829	45,564	40,480	40,554	44,089	40,067	39,406	528,818

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.3.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	4	0	2	0	1	0	1	0	0	0	0	1	9
	Puput/B. Mata/Tirok	14	32	24	70	53	37	18	13	30	26	20	49	386
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	1	0	0	1	0	0	1	1	2	2	0	0	8
31	Lidah	35	35	25	27	20	19	27	34	18	24	34	35	333
33	Sebelah	29	30	42	39	25	33	37	41	51	41	29	29	426
	Bayan	1	2	1	7	5	6	6	5	7	9	1	1	51
	Biji Nangka	136	162	207	302	144	223	199	441	401	405	195	106	2,921
	Daun Baharu	4	7	7	8	8	10	7	11	11	10	11	9	103
	Delah/Pinang-Pinang	1	4	10	19	18	22	20	20	17	37	0	6	174
	Duri/Pulutan/Utik	144	171	185	238	197	237	194	216	274	348	192	137	2,533
	Dengkis/Debam	14	18	14	24	29	18	26	27	24	33	11	12	250
	Gelama/Tengkerong/Selampai	119	155	149	152	168	192	137	158	178	194	160	106	1,868
	Gerut-Gerut	7	8	30	8	12	11	8	9	14	12	8	6	133
	Jenahak	2	10	4	2	4	3	3	3	2	4	3	1	41
	Kaci	28	49	50	51	47	55	43	53	53	56	44	24	553
	Kerapu	38	74	78	82	98	71	147	122	90	87	44	38	969
	Kerisi	575	795	1,006	1,031	992	993	1,130	1,310	1,216	1,318	862	584	11,812
	Kerisi Bali	77	80	51	32	70	43	61	89	66	69	57	62	757
	Kikek	31	47	63	93	95	291	160	111	79	76	45	29	1,120
	Malong	10	10	27	15	10	12	7	6	10	11	14	12	144
	Merah	104	142	161	193	128	99	95	137	168	137	113	99	1,576
	Mengkerong/Conor/Ubi-Ubi	57	148	141	172	92	88	143	319	254	260	137	80	1,891
	Remong/Kunyit-Kunyit/Tanda	71	90	111	129	118	100	116	152	207	202	149	99	1,544
	Semilang	0	1	2	0	2	1	0	0	0	0	0	0	6
	Shrumbu/Lemah	0	0	0	0	0	0	0	0	0	0	0	0	0
	Puntong Damar/Bulus	87	119	104	47	40	42	78	36	48	52	53	147	853
	Pasir-Pasir/Timun-Timun	48	96	81	171	134	135	95	102	100	119	51	41	1,173
	Alu-Alu/Kacang-Kacang	46	43	68	81	51	60	58	81	96	98	58	44	784
34	Aruan Tasik	16	22	23	30	30	28	14	15	28	31	19	13	269
	Bawal	14	19	18	20	22	26	31	25	33	24	18	17	267
	Belanak/Kedera	5	2	3	3	2	7	2	5	3	4	4	14	54
	Cermin/Sagai/Cupak	65	67	94	108	100	109	94	130	131	141	83	76	1,198

Samb. Dari Jadual 4.5.3.
(Cont'd From Table 4.5.3.)

	Cincaru	184	119	379	223	192	265	165	201	475	355	71	68	2,697
	Demudok/Rambai	11	30	29	52	55	40	36	19	174	22	13	11	492
	Kurau/Senangin/Senohong	1	4	3	7	11	5	5	2	4	4	4	0	50
	Pelata/Selar	349	336	491	884	609	671	652	724	1,178	606	664	514	7,678
	Selar Kuning/Lolong	896	1,075	1,587	1710	1,284	1,400	2,305	2,072	2,349	2580	1,555	793	19,606
	Selayang/Curut	1,648	1,264	1,862	2359	1,688	2,012	2,626	4,067	3,935	4,874	1,955	1,108	29,398
	Pisang-Pisang	14	14	3	10	27	13	13	17	13	15	3	7	149
	Talang	2	3	19	14	6	6	5	4	9	30	13	3	114
35	Bilis/Bunga Air	23	54	253	270	587	585	485	441	665	1,304	255	2	4,924
	Parang-Parang	40	56	72	93	103	162	133	134	139	136	72	48	1,188
	Tamban	394	761	1,562	2436	1,811	2,109	1,111	922	1,102	2,322	867	97	15,494
	Bulan-Bulan	0	0	0	0	0	0	1	0	3	2	0	0	6
36	Aya/Kayu/Tongkol	239	222	525	605	579	802	1,047	707	847	811	313	200	6,897
	Layaran/Mersuji	4	1	5	0	0	0	0	0	245	1	0	3	259
37	Kembong/Temenong/Pelaling	354	428	628	868	1,168	1,135	1,176	1,411	2,327	1,748	659	173	12,075
	Tenggiri	144	178	254	218	217	221	182	354	377	305	137	155	2,742
	Timah/Layor/Selayor	108	231	152	148	140	133	109	143	82	125	42	34	1,447
38	Pari	246	258	486	399	413	536	592	609	607	625	358	305	5,434
	Yu	58	77	118	118	108	170	139	154	159	128	79	77	1,385
39	Ikan Baja	5,851	5,677	6,453	8,607	9,714	12,544	11,211	12,825	10,335	9,184	8,385	6,479	107,265
	Ikan Campur	605	604	744	1,064	729	682	781	1,033	1,045	1,147	820	707	9,961
	Jebong	32	42	37	39	46	49	52	57	58	47	28	23	510
42	Ketam	68	96	87	92	135	180	191	170	146	183	156	106	1,610
45	Udang Karang/Lobok	41	41	45	44	43	39	38	61	67	51	47	37	554
	Udang Putih	93	91	55	24	20	14	14	16	11	22	52	108	520
	Udang Minyak	114	244	149	26	10	20	24	27	24	17	60	105	820
	Udang Merah Ros	287	241	147	158	71	44	32	29	31	46	141	265	1,492
	Udang Kulit Keras	75	50	30	21	8	6	4	6	3	6	19	48	276
	Udang Harimau	13	23	3	2	4	8	9	10	7	8	19	9	115
	Lain-Lain Jenis Udang	310	288	183	106	47	42	72	79	136	147	249	436	2,095
	Udang Baring	0	0	0	0	0	0	91	232	756	888	0	0	1,967
56	Siput/Kepah/Kupang/Tiram	0	0	3	1	0	1	0	1	0	1	1	0	8
57	Sotong Kereta	1	8	2	2	2	6	7	15	45	39	24	1	152
	Sotong Katak	397	433	434	475	472	664	661	655	627	637	423	405	6,283
	Sotong Biasa	451	448	1,450	1,822	1,273	941	851	1,006	982	886	410	257	10,777
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	.0
	Jumlah Tan M/Total Tonnes	14,836	15,835	21,031	26,052	24,287	28,476	27,778	31,875	32,574	33,132	20,309	14,461	290,646

SARAWAK
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.4.

ISSCAAP GROUP NO.	Jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan Local Name													
24	Kebasi/Selangat	9	10	21	11	9	11	25	21	7	37	24	6	191
	Puput/B. Mata/Tirok	32	103	170	384	316	238	285	205	81	156	95	42	2,107
	Terubok	10	15	26	55	134	109	109	104	83	92	31	2	770
25	Siakap	0	0	0	7	38	20	4	9	14	13	5	0	110
31	Lidah	14	27	12	15	13	11	9	16	5	4	8	1	135
	Sebelah	12	16	31	40	31	62	38	31	27	25	11	4	328
33	Bayan	0	0	0	0	1	0	0	0	0	0	0	0	1
	Biji Nangka	29	36	56	352	407	481	650	738	572	689	262	87	4,359
	Daun Baharu	5	7	12	23	11	22	32	8	23	25	15	3	186
	Delah/Pinang-Pinang	0	0	0	0	0	0	0	0	5	0	0	0	5
	Duri/Pulutan/Utik	73	111	304	317	361	322	377	276	273	319	216	82	3,031
	Dengkis/Debam	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	59	152	369	369	186	218	192	192	221	198	99	54	2,309
	Gerut-Gerut	1	1	3	11	12	5	2	2	6	2	1	1	47
	Jenahak	4	6	6	7	12	17	12	14	25	12	5	1	121
	Kaci	0	1	0	0	2	4	7	7	8	5	2	1	37
	Kerapu	3	14	34	17	40	56	38	35	30	28	23	4	322
	Kerisi	24	19	47	57	52	73	66	86	61	64	32	8	589
	Kerisi Bali	0	5	29	8	28	38	22	21	28	21	11	0	211
	Kikek	7	6	8	9	12	3	6	10	0	0	6	1	68
	Malong	20	59	75	102	77	64	80	57	65	73	57	59	788
	Merah	18	35	78	91	116	83	123	121	121	102	41	7	936
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	0	1	1	8	6	4	7	3	1	10	1	1	43
	Shrumbu/Lemah	16	19	46	20	26	36	44	17	22	24	13	4	287
	Puntung Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	3	3	19	36	19	39	25	17	18	17	8	2	206
	Arvan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	36	131	171	216	219	160	191	203	134	120	66	9	1,656
	Belanak/Kedera	6	5	31	21	27	11	13	15	19	24	12	10	194
	Cermin/Sagai/Cupak	0	2	13	18	22	20	21	34	21	11	4	3	169

Samb. Dari Jadual 4.5.4.
(Cont'd From Table 4.5.4.)

	Cincaru	9	72	70	171	127	124	123	107	116	115	35	45	1,114
	Demudok/Rambai	16	21	30	46	44	38	48	28	34	64	17	2	388
	Kurau/Senangin/Senohong	11	20	71	94	93	51	58	72	54	68	45	38	675
	Pelata/Selar	58	42	78	79	93	85	99	133	92	77	50	3	889
	Selar Kuning/Lolong	4	70	53	40	58	75	93	75	75	95	38	5	681
	Selayang/Curut	15	21	73	9	15	49	21	54	66	25	11	2	361
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	14	70	76	46	139	72	87	95	48	104	74	8	833
35	Bilis/Bunga Air	24	103	67	61	96	72	66	64	31	53	26	49	712
	Parang-Parang	9	43	115	151	127	105	101	87	64	43	32	3	880
	Tamban	89	116	164	179	199	172	213	187	198	229	160	98	2,004
	Bulan-Bulan	0	0	0	0	0	2	0	0	0	6	0	0	8
36	Aya/Kayu/Tongkol	42	87	307	190	153	63	231	218	187	161	99	97	1,835
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	117	126	192	213	238	369	314	371	250	257	131	68	2,646
	Tenggiri	42	126	259	387	318	219	460	286	195	214	108	146	2,760
	Timah/Layor/Selayor	7	9	35	167	195	164	224	211	102	118	18	9	1,259
38	Pari	51	88	165	230	200	273	322	275	298	329	151	58	2,440
	Yu	60	97	237	254	328	256	369	289	239	311	225	71	2,736
39	Ikan Baja	1,473	1,378	2,172	2,751	2,483	2,447	3,129	1,963	2,397	3,012	2,406	1,510	27,121
	Ikan Campur	481	754	1,341	1,436	1,582	1,428	1,769	1,462	1,378	1,691	1,059	369	14,750
	Jebong	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Ketam	39	34	78	62	56	54	29	53	32	45	45	30	557
45	Udang Karang/Lobok	0	1	1	0	0	0	0	0	1	1	1	1	6
	Udang Putih	182	205	217	229	215	186	144	154	134	143	138	109	2,056
	Udang Minyak	3	3	11	4	1	0	0	0	0	0	0	0	22
	Udang Merah Ros	47	120	45	26	48	18	7	40	15	28	20	33	447
	Udang Kulit Keras	200	122	170	166	102	94	91	90	67	67	65	117	1,351
	Udang Harimau	0	20	1	1	0	0	0	0	1	2	1	6	32
	Lain-Lain Jenis Udang	556	827	1,293	787	443	264	162	233	210	321	287	485	5,868
	Udang Baring	15	42	205	20	23	9	5	7	4	24	19	43	416
56	Siput/Kepah/Kupang/Tiram	4	5	5	4	4	5	4	5	6	5	4	4	55
57	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	8	16	17	19	14	22	26	17	13	15	10	2	179
	Sotong Biasa	22	55	199	367	127	65	41	63	65	100	39	11	1,154
76	Ubur-Ubur	741	859	504	259	92	46	43	96	41	195	698	240	3,814
	Jumlah Tan M/Total Tonnes	4,720	6,336	9,813	10,642	9,790	8,934	10,657	8,977	8,283	9,989	7,060	4,054	99,255

SABAH
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.5.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
106	24 Kebasi/Selangat	60	59	44	44	52	50	64	61	69	84	52	59	698
	Puput/B. Mata/Tirok	68	52	41	67	76	160	79	93	92	92	112	70	1,002
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
	25 Siakap	108	93	102	93	71	80	76	92	96	122	95	90	1,118
	31 Lidah	0	0	1	0	0	0	1	0	1	0	0	0	3
	Sebelah	53	58	47	61	45	56	66	64	63	65	72	69	719
	33 Bayan	0	0	0	2	1	44	22	20	12	3	28	4	136
	Biji Nangka	61	70	83	114	52	34	70	51	31	53	55	17	691
	Daun Baharu	2	0	4	10	1	7	17	6	11	3	6	6	73
	Delah/Pinang-Pinang	46	66	82	97	75	126	100	90	70	58	57	76	943
	Duri/Pulutan/Utik	202	296	231	239	250	274	204	266	255	299	220	269	3,005
	Dengkis/Debam	37	44	36	51	42	38	53	35	56	53	57	35	537
	Gelama/Tengkerong/Selampai	85	88	89	122	109	107	118	100	134	130	157	182	1,421
	Gerut-Gerut	31	34	21	23	25	20	20	38	41	35	33	42	363
	Jenahak	217	225	231	288	357	422	332	372	319	294	309	247	3,613
	Kaci	0	0	4	0	14	6	21	24	12	7	5	3	96
	Kerapu	191	211	208	267	352	329	326	328	364	298	350	356	3,580
	Kerisi	310	449	391	398	685	500	492	507	473	384	377	342	5,308
	Kerisi Bali	103	116	106	141	159	193	142	180	147	206	247	240	1,980
	Kikek	53	53	48	59	61	51	67	74	66	90	60	85	767
	Malong	44	47	46	48	45	50	52	63	68	67	85	82	697
	Merah	216	190	179	240	297	224	223	312	291	300	272	348	3,092
	Mengkerong/Conor/Ubi-Ubi	44	40	32	97	113	117	124	115	72	82	90	76	1,002
	Remong/Kunyit-Kunyit/Tanda	45	39	40	39	65	62	53	70	67	50	52	67	649
	Semilang	70	79	68	72	60	63	56	89	59	99	73	85	873
	Shrumbu/Lemah	3	6	3	1	3	3	1	0	2	1	1	2	26
	Puntong Damar/Bulus	5	4	4	4	2	2	1	6	3	4	4	6	45
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	0	0	0	0	0	0	0
	34 Alu-Alu/Kacang-Kacang	194	184	151	226	233	208	203	213	233	221	247	277	2,590
	Arvan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	105	117	96	146	113	124	129	104	141	112	92	127	1,406
	Belanak/Kedera	124	146	123	130	108	161	105	161	154	191	176	129	1,708
	Cermin/Sagai/Cupak	0	0	0	8	3	5	4	4	5	24	14	16	83

Samb. Dari Jadual 4.5.5.
(Cont'd From Table 4.5.5.)

	Cincaru	130	132	170	136	158	126	108	142	121	144	144	113	1,624
	Demudok/Rambai	240	221	207	312	313	265	307	272	282	259	293	250	3,221
	Kurau/Senangin/Senohong	170	163	190	179	169	150	186	225	194	213	189	221	2,249
	Pelata/Selar	236	199	201	266	279	214	219	275	255	173	183	145	2,645
	Selar Kuning/Lolong	11	17	44	19	24	25	36	22	47	23	18	23	309
	Selayang/Curut	1,004	1,125	1,560	1,485	1,474	1,479	954	1,138	1,328	1,362	953	922	14,784
	Pisang-Pisang	7	32	6	13	10	24	3	2	8	6	3	3	117
	Talang	111	143	113	156	146	145	151	153	148	188	189	303	1,946
35	Bilis/Bunga Air	353	156	145	170	223	207	218	286	300	314	359	387	3,118
	Parang-Parang	2	0	2	2	4	0	2	0	0	1	2	1	16
	Tamban	1,266	915	1,220	1,126	1,506	1,184	1,221	1,225	1,902	1,969	2,039	1,531	17,104
	Bulan-Bulan	6	4	4	17	7	35	9	4	3	7	7	9	112
36	Aya/Kayu/Tongkol	1,030	1,454	987	1,220	1,572	1,015	911	792	864	1,343	1,347	1,399	13,934
	Layaran/Mersuji	13	39	8	12	14	7	6	4	14	9	11	5	142
37	Kembong/Temenong/Pelaling	605	453	846	758	907	709	734	601	753	678	913	582	8,539
	Tenggiri	442	334	409	451	398	490	347	388	430	424	414	475	5,002
	Timah/Layor/Selayor	24	33	10	16	16	21	68	85	33	48	58	49	461
38	Pari	147	238	228	224	261	256	316	305	275	376	202	165	2,993
	Yu	184	183	194	217	224	260	276	363	463	257	216	339	3,176
39	Ikan Baja	793	851	687	1,060	1,278	1,204	1,368	1,174	1,186	1,275	1,059	1,214	13,149
	Ikan Campur	740	565	775	754	879	753	694	685	677	597	673	749	8,541
	Jebong	15	15	18	16	15	23	13	15	23	16	16	17	202
42	Ketam	263	274	281	288	304	309	277	334	308	338	376	343	3,695
45	Udang Karang/Lobok	2	1	2	2	5	6	2	2	4	6	5	5	42
	Udang Putih	514	431	494	523	506	614	549	625	695	644	613	570	6,778
	Udang Minyak	22	21	49	36	28	29	7	33	8	39	26	30	328
	Udang Merah Ros	30	31	32	30	34	22	20	26	32	22	39	38	356
	Udang Kulit Keras	12	7	7	8	9	9	9	76	7	8	14	10	176
	Udang Harimau	21	27	25	27	26	24	20	20	20	21	22	24	277
	Lain-Lain Jenis Udang	276	287	286	310	360	360	326	227	368	298	332	345	3,775
	Udang Baring	115	180	20	33	26	19	21	25	81	94	24	28	666
56	Siput/Kepah/Kupang/Tiram	54	50	62	67	51	50	56	54	33	75	39	53	644
57	Sotong Kereta	36	22	21	22	27	41	22	14	32	64	62	21	384
	Sotong Katak	131	135	122	123	137	138	135	173	141	122	112	124	1,593
	Sotong Biasa	382	432	422	477	394	439	402	397	334	450	326	363	4,818
76	Ubur-Ubur	6	3	4	16	1,180	29	19	13	12	8	10	22	1,322
	Jumlah Tan M/Total Tonnes	11,870	11,939	12,362	13,658	16,433	14,197	13,233	13,713	14,788	15,298	14,686	14,285	166,462

LABUAN
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.5.6.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
108	24 Kebasi/Selangat	3	0	4	2	2	3	2	2	1	4	4	4	31
	Puput/B. Mata/Tirok	5	4	11	9	16	6	5	6	7	11	11	10	101
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
	25 Siakap	0	0	0	0	0	0	0	0	0	0	0	1	1
	31 Lidah	2	1	2	1	2	3	2	1	4	2	2	3	25
	Sebelah	13	13	16	21	32	24	14	20	9	21	20	19	222
	33 Bayan	0	0	0	0	0	0	0	0	0	1	1	2	4
	Biji Nangka	16	12	17	15	19	18	13	12	14	21	21	17	195
	Daun Baharu	14	16	16	15	23	17	17	17	10	12	12	15	184
	Delah/Pinang-Pinang	31	34	30	39	49	37	45	56	29	25	24	22	421
	Duri/Pulutan/Utik	13	9	10	11	10	14	10	14	6	12	9	4	122
	Dengkis/Debam	33	28	31	28	31	32	18	13	17	12	12	11	266
	Gelama/Tengkerong/Selampai	28	18	33	28	11	21	18	13	6	10	10	8	204
	Gerut-Gerut	14	22	13	17	32	22	32	32	45	17	27	5	278
	Jenahak	22	32	24	27	44	40	19	21	10	27	17	36	319
	Kaci	18	25	20	21	40	27	25	40	14	24	18	15	287
	Kerapu	40	64	40	45	56	62	69	53	46	32	33	32	572
	Kerisi	33	22	47	30	48	23	27	31	9	18	18	17	323
	Kerisi Bali	44	49	40	47	16	77	50	52	15	28	27	23	468
	Kikek	24	20	26	29	31	27	34	16	10	7	6	4	234
	Malong	2	5	4	4	0	0	0	0	0	0	0	0	15
	Merah	46	50	47	62	78	73	91	93	38	39	40	38	695
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	5	6	4	15
	Remong/Kunyit-Kunyit/Tanda	29	33	31	38	68	40	65	30	45	52	56	45	532
	Semilang	0	0	1	0	1	0	0	0	0	0	0	0	2
	Shrumbu/Lemah	4	2	3	4	11	7	10	9	7	8	8	7	80
	Puntong Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	9	9	9	9	5	5	9	9	6	7	7	6	90
	34 Alu-Alu/Kacang-Kacang	24	17	23	26	37	50	45	19	17	15	15	12	300
	Aruan Tasik	0	0	0	0	0	2	0	0	0	0	0	0	2
	Bawal	35	70	51	57	67	69	22	13	8	4	4	3	403
	Belanak/Kedera	7	3	4	4	7	5	8	9	6	7	7	6	73
	Cermin/Sagai/Cupak	68	50	63	68	77	95	109	96	35	51	54	47	813

Samb. Dari Jadual 4.5.6.
(Cont'd From Table 4.5.6.)

	Cincaru	65	57	77	92	106	193	38	35	21	66	65	56	871
	Demudok/Rambai	18	30	17	13	26	23	23	25	13	18	18	16	240
	Kurau/Senangin/Senohong	2	4	3	4	5	8	2	2	0	1	1	1	33
	Pelata/Selar	35	24	48	39	60	52	103	77	49	48	47	40	622
	Selar Kuning/Lolong	24	16	23	28	25	22	28	25	19	38	36	32	316
	Selayang/Curut	45	25	72	72	63	103	99	60	46	37	35	31	688
	Pisang-Pisang	0	0	0	0	0	0	0	0	1	0	0	0	1
	Talang	0	2	0	0	25	13	12	12	8	8	8	7	95
35	Bilis/Bunga Air	0	1	12	11	7	0	14	7	5	8	7	8	80
	Parang-Parang	9	7	10	9	17	9	2	0	0	0	0	0	63
	Tamban	59	54	38	40	54	114	102	45	38	114	105	87	850
	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	217	52	558	106	260	41	359	21	324	62	23	258	2,281
	Layaran/Mersuji	3	2	6	5	9	0	0	15	0	3	3	3	49
37	Kembong/Temenong/Pelaling	129	113	75	266	171	171	157	162	131	193	185	154	1,907
	Tenggiri	50	41	35	72	93	69	85	47	48	29	33	29	631
	Timah/Layor/Selayor	3	3	155	7	13	0	0	0	0	0	0	0	181
38	Pari	7	8	35	12	15	18	8	10	11	18	15	13	170
	Yu	13	7	13	22	17	25	27	11	10	11	12	10	178
39	Ikan Baja	266	36	288	176	504	321	283	234	212	198	193	175	2,886
	Ikan Campur	94	88	112	124	115	89	79	601	268	220	212	183	2,185
	Jebong	9	7	8	12	14	13	9	13	9	14	13	13	134
42	Ketam	10	9	11	11	15	16	10	5	5	6	6	5	109
45	Udang Karang/Lobok	8	7	7	9	13	11	6	4	7	3	3	2	80
	Udang Putih	35	26	18	32	50	25	28	11	20	3	3	3	254
	Udang Minyak	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah Ros	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Kulit Keras	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Harimau	11	8	14	13	11	11	6	4	4	3	4	2	91
	Lain-Lain Jenis Udang	25	25	30	23	12	29	17	26	19	12	12	19	249
	Udang Baring	17	25	24	14	12	11	1	13	11	10	10	8	156
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	22	17	28	23	45	42	12	44	10	13	12	10	278
	Sotong Biasa	22	24	33	34	21	29	22	41	15	21	21	17	300
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	1,775	1,326	2,366	1,926	2,591	2,257	2,291	2,227	1,718	1,629	1,551	1,598	23,255

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Net</i>	Pukat-Pukat Tarik/ <i>Seine Net</i>		Lain Pukat Tarik <i>Other Seine</i>	Pukat Hanyut <i>Drift/Gill Net</i>	Pukat Tangguk <i>Lift Net</i>	Perangkap-perangkap <i>Trap</i>		Pancing <i>Hook and Line</i>	Pukat Bakul <i>Bag Net</i>	Pukat Rentang <i>Barrier Net</i>	Pukat Surung <i>Push/Scoop Net</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) <i>Total (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	1,106	0	0	5	2,353	0	56	1	0	5	12	0	0	0	3,538
	Puput/B. Mata/Tirok	5,118	5	36	1	4,790	0	6	0	0	2	1	0	0	0	9,959
	Terubok	10	0	0	0	781	0	8	0	0	1	0	0	0	0	800
	Siakap	18	0	0	0	869	0	22	56	325	0	29	0	0	0	1,319
	Lidah	2,333	0	0	20	716	0	3	4	0	7	11	0	0	0	3,094
	Sebelah	1,606	0	0	0	329	0	70	8	0	0	0	0	0	2	2,015
	Bayan	38	0	0	0	2	0	0	36	124	0	0	0	0	0	200
	Biji Nangka	9,527	0	0	0	14	0	1	53	3	0	0	0	0	3	9,601
	Dau Baharu	333	0	0	1	258	0	9	15	20	0	0	0	0	0	636
	Delah/Pinang-Pinang	82	10	0	2	122	0	9	196	1,096	0	0	0	0	83	1,600
	Duri/Pulutan/Utik	5,962	120	0	89	5,431	0	177	33	1,694	47	265	3	0	1	13,822
	Dengkis/Debam	233	1	0	122	292	0	111	257	93	0	13	0	0	22	1,144
	Gelama/Tengkerong/Selampai	11,272	32	130	232	5,333	1	167	15	68	75	59	0	0	8	17,392
	Gerut-Gerut	652	0	21	0	182	0	46	21	253	0	0	0	0	0	1,175
	Jenahak	618	0	0	15	1,467	0	5	237	2,161	0	5	0	0	37	4,545
	Kaci	594	0	0	0	36	0	10	92	283	0	0	0	0	1	1,016
	Kerapu	2,181	0	0	0	906	0	96	449	3,310	0	7	0	0	87	7,036
	Kerisi	25,351	0	0	0	1,086	1	0	3,689	1,196	0	0	0	0	0	31,323
	Kerisi Bali	1,189	0	0	0	1,189	0	0	33	1,325	0	0	0	0	0	3,736
	Kikek	1,359	22	385	0	297	56	138	6	0	0	21	0	0	0	2,284
	Malong	2,133	0	0	1	427	0	4	1	827	2	0	0	0	0	3,395
	Merah	1,639	4	0	0	1,534	2	6	374	3,071	0	4	0	0	2	6,636
	Mengkerong/Conor/Ubi-Ubi	8,779	0	0	0	31	0	0	41	2	0	0	0	0	0	8,853
	Remong/Kunyit-Kunyit/Tanda	1,514	1	0	7	91	2	16	342	881	0	0	0	0	9	2,863
	Semilang	225	2	0	13	746	0	96	253	237	4	434	0	0	0	2,010
	Shrumbu/Lemah	275	1	0	0	133	0	9	0	0	0	0	0	0	0	418
	Puntong Damar/Bulus	1,090	0	0	2	799	0	0	8	49	0	0	0	0	0	1,948
	Pasir-Pasir/Timun-Timun	820	1	0	0	95	0	9	331	9	0	0	0	0	0	1,265
34	Alu-Alu/Kacang-Kacang	1,907	245	0	5	579	580	89	18	1,269	0	1	0	0	3	4,696
	Arvan Tasik	189	1	0	0	38	0	0	8	105	0	0	0	0	0	341
	Bawal	5,075	975	3	1	3,468	487	59	5	6	12	3	386	0	0	10,480

Samb. Dari Jadual 4.6
(Cont'd From Table 4.6)

111		Belanak/Kedera	729	511	0	24	3,677	0	95	23	2	45	100	0	0	5	5,211
		Cemin/Sagai/Cupak	1,331	42	0	1	362	37	16	136	718	1	0	0	0	0	2,644
		Cincaru	9,439	7,459	142	0	1,482	444	10	1	492	0	0	0	0	1	19,470
		Demudok/Rambai	1,672	438	0	9	791	401	32	81	1,515	0	26	0	0	42	5,007
		Kurau/Senangin/Senohong	327	1	0	1	3,461	0	73	0	336	5	3	0	0	0	4,207
		Pelata/Selar	3,484	11,082	13	12	1,358	1,220	10	4	1,619	0	0	48	0	29	18,879
		Selar Kuning/Lolong	7,078	12,686	13	0	160	3,509	1	288	71	0	2	51	0	0	23,859
		Selayang/Curut	7,631	41,247	2	7	91	6,212	0	0	391	0	0	42	0	0	55,623
		Pisang-Pisang	8	423	1	0	87	1	0	30	187	0	0	0	0	0	737
		Talang	449	131	0	2	2,217	371	76	0	66	0	0	0	0	0	3,312
	35	Bilis/Bunga Air	538	7	17,806	68	720	3,353	58	0	0	0	0	0	0	13	22,563
		Parang-Parang	1,841	17	7	0	2,158	0	1	1	24	0	0	0	0	0	4,049
		Tamban	2,117	26,847	818	1,088	1,900	6,122	71	1	20	0	0	1	0	8	38,993
		Bulan-Bulan	24	58	0	0	8	0	43	0	0	0	0	0	0	0	133
	36	Aya/Kayu/Tongkol	123	11,310	1,149	4,102	5,392	5	0	0	6,590	0	0	0	0	3	28,674
		Layaran/Mersuji	3	0	0	0	141	245	0	13	51	0	0	0	0	0	453
	37	Kembong/Temenong/Pelaling	33,597	39,607	309	63	50,234	1,229	64	20	1,005	0	0	36	0	6	126,170
		Tenggiri	3,343	630	0	0	7,616	16	0	14	3,273	1	2	7	0	0	14,902
		Timah/Layor/Selayor	4,619	235	16	0	1,180	167	21	0	9	0	0	0	0	0	6,247
	38	Pari	9,908	4	0	19	2,984	0	102	91	2,581	10	5	0	0	3	15,707
		Yu	3,532	1	0	3	3,030	0	15	15	1,839	0	2	0	0	0	8,437
	39	Ikan Baja	297,489	4,534	129	6,214	3,954	1,133	30	0	0	3,570	943	699	0	0	318,695
		Ikan Campur	32,565	2,688	156	480	9,956	82	586	332	1,309	313	151	147	0	66	48,831
		Jebong	1,110	0	0	2	88	0	2	145	41	0	0	0	0	4	1,392
	42	Ketam	4,297	1	0	46	1,696	0	83	979	9	18	225	0	0	2,843	10,197
	45	Udang Karang/Lobok	658	0	0	0	21	0	0	0	0	0	0	0	0	23	702
		Udang Putih	5,848	2	0	140	8,705	0	84	0	0	323	33	331	0	715	16,181
		Udang Minyak	8,722	0	0	2,566	203	0	0	0	0	832	3	21	0	0	12,347
		Udang Merah Ros	4,429	8	0	93	1,015	0	192	0	0	237	61	34	0	0	6,069
		Udang Kulit Keras	2,823	0	0	1,033	99	0	3	0	0	487	1	112	0	0	4,558
		Udang Harimau	569	1	0	2	27	0	20	0	0	12	0	3	0	0	634
		Lain-Lain Jenis Udang	22,442	2	0	5,517	3,421	0	477	0	0	2,199	49	1,206	0	30	35,343
		Udang Baring	229	0	0	29	186	95	1,582	0	0	13,693	0	1,498	0	342	17,654
	56	Siput/Kepah/Kupang/Tiram	281	0	0	0	0	0	0	0	0	0	0	0	15,426	275	15,982
	57	Sotong Kereta	800	0	0	0	7	23	0	1	169	9	0	1	0	2	1,012
		Sotong Katak	14,284	5	0	20	216	102	1	294	14	520	1	17	0	2	15,476
		Sotong Biasa	27,667	903	0	27	163	1,179	93	56	1,150	16	0	0	0	0	31,254
	76	Ubur-Ubur	64	0	0	0	2	0	16	0	0	4,513	1	1,797	0	1,299	7,692
		Jumlah Tan M/Total Tonnes	609,298	162,300	21,136	22,084	153,202	27,075	5,079	9,107	41,888	26,959	2,473	6,440	15,426	5,969	1,108,436

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6.1

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Net</i>	Pukat-Pukat Tarik/ <i>Seine Net</i>		Lain Pukat Tarik <i>Other Seine</i>	Pukat Hanyut <i>Drift/Gill Net</i>	Pukat Tangguk <i>Lift Net</i>	Perangkap-perangkap <i>Trap</i>		Pancing <i>Hook and Line</i>	Pukat Bakul <i>Bag Net</i>	Pukat Rentang <i>Barrier Net</i>	Pukat Surung <i>Push/Scoop Net</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
112	24 Kebasi/Selangat	916	0	0	3	1,698	0	0	0	0	0	1	0	0	0	2,618
	Puput/B. Mata/Tirok	2,940	5	36	1	3,765	0	0	0	0	2	0	0	0	0	6,749
	Terubok	2	0	0	0	28	0	0	0	0	0	0	0	0	0	30
	25 Siakap	11	0	0	0	40	0	3	1	6	0	29	0	0	0	90
	31 Lidah	2,188	0	0	20	698	0	3	4	0	7	11	0	0	0	2,931
	Sebelah	736	0	0	0	8	0	0	2	0	0	0	0	0	0	746
	33 Bayan	20	0	0	0	1	0	0	35	3	0	0	0	0	0	59
	Biji Nangka	4,306	0	0	0	4	0	0	43	3	0	0	0	0	0	4,356
	Daun Baharu	106	0	0	1	70	0	0	15	1	0	0	0	0	0	193
	Delah/Pinang-Pinang	16	10	0	0	18	0	0	183	4	0	0	0	0	0	231
	Duri/Pulutan/Utik	4,138	115	0	89	2,338	0	25	30	679	38	209	3	0	0	7,664
	Dengkis/Debam	174	1	0	0	14	0	5	143	4	0	0	0	0	0	341
	Gelama/Tengkerong/Selampai	8,400	3	130	232	4,423	1	80	2	68	75	44	0	0	0	13,458
	Gerut-Gerut	347	0	21	0	33	0	0	14	72	0	0	0	0	0	487
	Jenahak	245	0	0	0	48	0	0	65	134	0	0	0	0	0	492
	Kaci	505	0	0	0	4	0	0	81	6	0	0	0	0	0	596
	Kerapu	1,813	0	0	0	24	0	1	293	431	0	0	0	0	0	2,562
	Kerisi	20,009	0	0	0	830	1	0	3,686	577	0	0	0	0	0	25,103
	Kerisi Bali	920	0	0	0	5	0	0	28	124	0	0	0	0	0	1,077
	Kikek	650	22	385	0	84	5	63	6	0	0	0	0	0	0	1,215
	Malong	1,010	0	0	1	307	0	4	1	570	2	0	0	0	0	1,895
	Merah	988	4	0	0	2	0	0	189	730	0	0	0	0	0	1,913
	Mengkerong/Conor/Ubi-Ubi	7,762	0	0	0	31	0	0	41	2	0	0	0	0	0	7,836
	Remong/Kunyit-Kunyit/Tanda	1,348	0	0	0	15	2	1	243	73	0	0	0	0	0	1,682
	Semilang	225	0	0	13	171	0	2	169	90	4	418	0	0	0	1,092
	Shrumbu/Lemah	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
	Puntong Damar/Bulus	1,089	0	0	2	757	0	0	8	47	0	0	0	0	0	1,903
	Pasir-Pasir/Timun-Timun	785	0	0	0	50	0	0	331	9	0	0	0	0	0	1,175
	34 Alu-Alu/Kacang-Kacang	1,049	69	0	2	285	0	2	18	175	0	0	0	0	0	1,600
	Arvan Tasik	187	1	0	0	38	0	0	8	105	0	0	0	0	0	339
	Bawal	4,465	626	3	1	1,868	1	28	5	6	12	0	0	0	0	7,015

Samb. Dari Jadual 4.6.1
(Cont'd From Table 4.6.1)

113	Belanak/Kedera	722	509	0	20	1,872	0	11	0	0	44	58	0	0	0	3,236
	Cermin/Sagai/Cupak	1,065	41	0	1	115	0	1	117	239	0	0	0	0	0	1,579
	Cincaru	8,540	6,518	0	0	393	0	0	1	409	0	0	0	0	0	15,861
	Demudok/Rambai	547	400	0	1	38	0	0	59	113	0	0	0	0	0	1,158
	Kurau/Senangin/Senohong	246	1	0	1	967	0	6	0	26	0	3	0	0	0	1,250
	Pelata/Selar	2,703	10,026	13	0	750	109	0	4	1,118	0	0	0	0	0	14,723
	Selar Kuning/Lolong	6,295	12,461	13	0	54	3,384	0	288	58	0	0	0	0	0	22,553
	Selayang/Curut	5,052	33,574	2	0	26	758	0	0	378	0	0	0	0	0	39,790
	Pisang-Pisang	7	423	1	0	48	1	0	29	110	0	0	0	0	0	619
	Talang	179	53	0	2	170	0	1	0	33	0	0	0	0	0	438
	35 Bilis/Bunga Air	470	0	17,806	0	1	376	0	0	0	0	0	0	0	0	18,653
	Parang-Parang	1,673	17	7	0	1,368	0	0	1	24	0	0	0	0	0	3,090
	Tamban	1,983	15,711	818	0	173	329	0	1	20	0	0	0	0	0	19,035
	Bulan-Bulan	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
	36 Aya/Kayu/Tongkol	85	6,659	60	0	790	2	0	0	3,028	0	0	0	0	0	10,624
	Layaran/Mersuji	3	0	0	0	3	245	0	0	11	0	0	0	0	0	262
	37 Kembong/Temenong/Pelaling	31,487	33,536	11	0	47,637	5	0	20	382	0	0	0	0	0	113,078
	Tenggiri	2,487	432	0	0	2,239	2	0	14	1,334	1	0	0	0	0	6,509
	Timah/Layor/Selayor	3,295	235	16	0	778	1	19	0	2	0	0	0	0	0	4,346
	38 Pari	7,118	0	0	16	1,666	0	10	91	1,199	4	0	0	0	0	10,104
	Yu	1,685	0	0	1	400	0	10	15	236	0	0	0	0	0	2,347
	39 Ikan Baja	256,366	3,952	129	6,214	3,931	0	19	0	0	3,286	943	699	0	0	275,539
	Ikan Campur	18,937	470	156	47	3,134	8	75	250	153	104	21	0	0	0	23,355
	Jebong	904	0	0	2	8	0	0	142	0	0	0	0	0	0	1,056
	42 Ketam	2,922	0	0	46	1,477	0	2	543	9	18	225	0	0	594	5,836
	45 Udang Karang/Lobok	551	0	0	0	18	0	0	0	0	0	0	0	0	5	574
	Udang Putih	2,128	0	0	140	4,051	0	71	0	0	313	26	331	0	33	7,093
	Udang Minyak	8,459	0	0	2,566	116	0	0	0	0	832	3	21	0	0	11,997
	Udang Merah Ros	3,646	8	0	93	997	0	192	0	0	237	59	34	0	0	5,266
	Udang Kulit Keras	1,580	0	0	1,033	95	0	3	0	0	207	1	112	0	0	3,031
	Udang Harimau	200	0	0	2	12	0	5	0	0	12	0	3	0	0	234
	Lain-Lain Jenis Udang	14,075	0	0	5,517	2,802	0	414	0	0	1,361	46	1,206	0	30	25,451
	Udang Baring	0	0	0	0	0	0	1,519	0	0	13,526	0	1,371	0	0	16,416
	56 Siput/Kepah/Kupang/Tiram	9	0	0	0	0	0	0	0	0	0	0	0	15,274	0	15,283
	57 Sotong Kereta	617	0	0	0	0	0	0	1	0	9	0	1	0	0	628
	Sotong Katak	12,352	0	0	20	212	0	0	294	10	520	1	17	0	0	13,426
	Sotong Biasa	23,028	756	0	0	65	200	5	56	856	16	0	0	0	0	24,982
	76 Ubur-Ubur	20	0	0	0	2	0	16	0	0	2,518	0	0	0	0	2,556
	Jumlah Tan M/Total Tonnes	488,824	126,638	19,607	16,087	94,065	5,430	2,596	7,570	13,667	23,148	2,098	3,798	15,274	662	819,464

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6.2.

ISSCAAP GROUP NO.	Jenis Ikan Species	Pukat Tunda <i>Trawl Net</i>	Pukat-Pukat Tarik/ Seine Net		Lain Pukat Tarik <i>Other Seine</i>	Pukat Hanyut <i>Drift/Gill Net</i>	Pukat Tangguk <i>Lift Net</i>	Perangkap-perangkap Trap		Pancing <i>Hook and Line</i>	Pukat Bakul <i>Bag Net</i>	Pukat Rentang <i>Barrier Net</i>	Pukat Surung <i>Push/Scoop Net</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan Local Name		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	907	0	0	3	1,698	0	0	0	0	0	1	0	0	0	2,609
	Puput/B. Mata/Tirok	2,620	5	0	1	3,735	0	0	0	0	2	0	0	0	0	6,363
	Terubok	2	0	0	0	28	0	0	0	0	0	0	0	0	0	30
25	Siakap	8	0	0	0	40	0	0	1	4	0	29	0	0	0	82
31	Lidah	1,917	0	0	20	640	0	3	0	0	7	11	0	0	0	2,598
	Sebelah	314	0	0	0	6	0	0	0	0	0	0	0	0	0	320
33	Bayan	4	0	0	0	0	0	0	4	0	0	0	0	0	0	8
	Biji Nangka	1,432	0	0	0	3	0	0	0	0	0	0	0	0	0	1,435
	Daun Bahrar	16	0	0	1	68	0	0	5	0	0	0	0	0	0	90
	Delah/Pinang-Pinang	3	0	0	0	17	0	0	37	0	0	0	0	0	0	57
	Duri/Pulutan/Utik	2,158	23	0	89	2,070	0	15	8	518	38	209	3	0	0	5,131
	Dengkis/Debam	27	0	0	0	1	0	0	63	0	0	0	0	0	0	91
	Gelama/Tengkerong/Selampai	7,089	3	0	232	4,039	0	71	0	37	75	44	0	0	0	11,590
	Gerut-Gerut	250	0	0	0	23	0	0	14	67	0	0	0	0	0	354
	Jenahak	207	0	0	0	48	0	0	64	132	0	0	0	0	0	451
	Kaci	10	0	0	0	2	0	0	30	1	0	0	0	0	0	43
	Kerapu	1,299	0	0	0	17	0	0	158	119	0	0	0	0	0	1,593
	Kerisi	13,043	0	0	0	248	0	0	0	0	0	0	0	0	0	13,291
	Kerisi Bali	290	0	0	0	3	0	0	18	9	0	0	0	0	0	320
	Kikek	34	0	0	0	0	0	61	0	0	0	0	0	0	0	95
	Malong	891	0	0	1	305	0	4	0	548	2	0	0	0	0	1,751
	Merah	243	0	0	0	1	0	0	30	63	0	0	0	0	0	337
	Mengkerong/Conor/Ubi-Ubi	5,927	0	0	0	18	0	0	0	0	0	0	0	0	0	5,945
	Remong/Kunyit-Kunyit/Tanda	119	0	0	0	0	0	0	12	7	0	0	0	0	0	138
	Semilang	221	0	0	13	171	0	0	169	90	4	418	0	0	0	1,086
	Shrumbu/Lemah	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
	Puntong Damar/Bulus	597	0	0	2	405	0	0	0	46	0	0	0	0	0	1,050
	Pasir-Pasir/Timun-Timun	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
34	Alu-Alu/Kacang-Kacang	469	0	0	2	262	0	0	0	83	0	0	0	0	0	816
	Aruan Tasik	52	0	0	0	13	0	0	2	3	0	0	0	0	0	70
	Bawal	4,295	585	0	1	1,827	0	28	0	0	12	0	0	0	0	6,748

Samb. Dari Jadual 4.6.2.
(Cont'd From Table 4.6.2.)

115		Belanak/Kedera	719	509	0	20	1,832	0	0	0	0	44	58	0	0	0	3,182
		Cermin/Sagai/Cupak	283	0	0	1	42	0	0	55	0	0	0	0	0	0	381
		Cincaru	7,618	5,225	0	0	320	0	0	0	1	0	0	0	0	0	13,164
		Demudok/Rambai	479	155	0	1	21	0	0	2	8	0	0	0	0	0	666
		Kurau/Senangin/Senohong	235	1	0	1	929	0	6	0	25	0	3	0	0	0	1,200
		Pelata/Selar	1,982	5,039	0	0	24	0	0	0	0	0	0	0	0	0	7,045
		Selar Kuning/Lolong	1,433	1,512	0	0	2	0	0	0	0	0	0	0	0	0	2,947
		Selayang/Curut	4,327	6,065	0	0	0	0	0	0	0	0	0	0	0	0	10,392
		Pisang-Pisang	0	422	0	0	48	0	0	0	0	0	0	0	0	0	470
		Talang	135	7	0	2	152	0	0	0	28	0	0	0	0	0	324
	35	Bitis/Bunga Air	447	0	13,282	0	0	0	0	0	0	0	0	0	0	0	13,729
		Parang-Parang	1,036	1	0	0	865	0	0	0	0	0	0	0	0	0	1,902
		Tamban	1,965	1,440	0	0	136	0	0	0	0	0	0	0	0	0	3,541
		Bulan-Bulan	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
	36	Aya/Kayu/Tongkol	56	3,382	0	0	289	0	0	0	0	0	0	0	0	0	3,727
		Layaran/Mersuji	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
	37	Kembong/Temenong/Pelaling	30,527	26,811	0	0	43,665	0	0	0	0	0	0	0	0	0	101,003
		Tenggiri	1,747	146	0	0	1,829	0	0	0	44	1	0	0	0	0	3,767
		Timah/Layar/Selayor	2,627	3	0	0	250	0	19	0	0	0	0	0	0	0	2,899
	38	Pari	3,132	0	0	16	337	0	8	51	1,122	4	0	0	0	0	4,670
		Yu	741	0	0	1	157	0	10	1	52	0	0	0	0	0	962
	39	Ikan Baja	150,763	2,968	0	6,214	3,931	0	19	0	0	2,737	943	699	0	0	168,274
		Ikan Campur	9,938	355	0	47	2,856	0	68	9	34	66	21	0	0	0	13,394
		Jebong	511	0	0	2	8	0	0	25	0	0	0	0	0	0	546
	42	Ketam	1,894	0	0	46	1,424	0	1	66	0	18	225	0	0	552	4,226
	45	Udang Karang/Lobok	19	0	0	0	1	0	0	0	0	0	0	0	0	0	20
		Udang Putih	1,748	0	0	140	3,925	0	71	0	0	299	26	331	0	33	6,573
		Udang Minyak	7,698	0	0	2,566	109	0	0	0	0	780	3	21	0	0	11,177
		Udang Merah Ros	2,285	8	0	93	928	0	192	0	0	175	59	34	0	0	3,774
		Udang Kulit Keras	1,321	0	0	1,033	78	0	3	0	0	207	1	112	0	0	2,755
		Udang Harimau	93	0	0	2	11	0	0	0	0	10	0	3	0	0	119
		Lain-Lain Jenis Udang	12,045	0	0	5,517	2,795	0	389	0	0	1,332	46	1,206	0	26	23,356
		Udang Baring	0	0	0	0	0	0	1,519	0	0	11,559	0	1,371	0	0	14,449
	56	Siput/Kepah/Kupang/Tiram	1	0	0	0	0	0	0	0	0	0	0	0	15,274	0	15,275
	57	Sotong Kereta	466	0	0	0	0	0	0	0	0	9	0	1	0	0	476
		Sotong Katak	6,323	0	0	20	206	0	0	56	0	520	1	17	0	0	7,143
		Sotong Biasa	13,966	171	0	0	47	0	5	0	0	16	0	0	0	0	14,205
	76	Ubur-Ubur	20	0	0	0	2	0	16	0	0	2,518	0	0	0	0	2,556
		Jumlah Tan M/Total Tonnes	313,058	54,836	13,282	16,087	82,910	0	2,508	880	3,041	20,435	2,098	3,798	15,274	611	528,818

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6.3

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Net</i>	Pukat-Pukat Tarik/ <i>Seine Net</i>		Lain Pukat Tarik <i>Other Seine</i>	Pukat Hanyut <i>Drift/Gill Net</i>	Pukat Tangguk <i>Lift Net</i>	Perangkap-perangkap <i>Trap</i>		Pancing <i>Hook and Line</i>	Pukat Bakul <i>Bag Net</i>	Pukat Rentang <i>Barrier Net</i>	Pukat Surung <i>Push/Scoop Net</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) <i>Total (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
116	24 Kebasi/Selangat	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
	Puput/B. Mata/Tirok	320	0	36	0	30	0	0	0	0	0	0	0	0	0	386
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	25 Siakap	3	0	0	0	0	0	3	0	2	0	0	0	0	0	8
	31 Lidah	271	0	0	0	58	0	0	4	0	0	0	0	0	0	333
	Sebelah	422	0	0	0	2	0	0	2	0	0	0	0	0	0	426
	33 Bayan	16	0	0	0	1	0	0	31	3	0	0	0	0	0	51
	Biji Nangka	2,874	0	0	0	1	0	0	43	3	0	0	0	0	0	2,921
	Daun Baharu	90	0	0	0	2	0	0	10	1	0	0	0	0	0	103
	Delah/Pinang-Pinang	13	10	0	0	1	0	0	146	4	0	0	0	0	0	174
	Duri/Pulutan/Utik	1,980	92	0	0	268	0	10	22	161	0	0	0	0	0	2,533
	Dengkis/Debam	147	1	0	0	13	0	5	80	4	0	0	0	0	0	250
	Gelama/Tengkerong/Selampai	1,311	0	130	0	384	1	9	2	31	0	0	0	0	0	1,868
	Gerut-Gerut	97	0	21	0	10	0	0	0	5	0	0	0	0	0	133
	Jenahak	38	0	0	0	0	0	0	1	2	0	0	0	0	0	41
	Kaci	495	0	0	0	2	0	0	51	5	0	0	0	0	0	553
	Kerapu	514	0	0	0	7	0	1	135	312	0	0	0	0	0	969
	Kerisi	6,966	0	0	0	582	1	0	3,686	577	0	0	0	0	0	11,812
	Kerisi Bali	630	0	0	0	2	0	0	10	115	0	0	0	0	0	757
	Kikek	616	22	385	0	84	5	2	6	0	0	0	0	0	0	1,120
	Malong	119	0	0	0	2	0	0	1	22	0	0	0	0	0	144
	Merah	745	4	0	0	1	0	0	159	667	0	0	0	0	0	1,576
	Mengkerong/Conor/Ubi-Ubi	1,835	0	0	0	13	0	0	41	2	0	0	0	0	0	1,891
	Remong/Kunyit-Kunyit/Tanda	1,229	0	0	0	15	2	1	231	66	0	0	0	0	0	1,544
	Semilang	4	0	0	0	0	0	2	0	0	0	0	0	0	0	6
	Shrumbu/Lemah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Puntong Damar/Bulus	492	0	0	0	352	0	0	8	1	0	0	0	0	0	853
	Pasir-Pasir/Timun-Timun	783	0	0	0	50	0	0	331	9	0	0	0	0	0	1,173
34	Alu-Alu/Kacang-Kacang	580	69	0	0	23	0	2	18	92	0	0	0	0	0	784
	Aruan Tasik	135	1	0	0	25	0	0	6	102	0	0	0	0	0	269
	Bawal	170	41	3	0	41	1	0	5	6	0	0	0	0	0	267

Samb. Dari Jadual 4.6.3
(Cont'd From Table 4.6.3)

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	Belanak/Kedera	3	0	0	0	40	0	11	0	0	0	0	0	0	0	54
	Cermin/Sagai/Cupak	782	41	0	0	73	0	1	62	239	0	0	0	0	0	1,198
	Cincaru	922	1,293	0	0	73	0	0	1	408	0	0	0	0	0	2,697
	Demudok/Rambai	68	245	0	0	17	0	0	57	105	0	0	0	0	0	492
	Kurau/Senangin/Senohong	11	0	0	0	38	0	0	0	1	0	0	0	0	0	50
	Pelata/Selar	721	4,987	13	0	726	109	0	4	1,118	0	0	0	0	0	7,678
	Selar Kuning/Lolong	4,862	10,949	13	0	52	3,384	0	288	58	0	0	0	0	0	19,606
	Selayang/Curut	725	27,509	2	0	26	758	0	0	378	0	0	0	0	0	29,398
	Pisang-Pisang	7	1	1	0	0	1	0	29	110	0	0	0	0	0	149
	Talang	44	46	0	0	18	0	1	0	5	0	0	0	0	0	114
35	Bilis/Bunga Air	23	0	4,524	0	1	376	0	0	0	0	0	0	0	0	4,924
	Parang-Parang	637	16	7	0	503	0	0	1	24	0	0	0	0	0	1,188
	Tamban	18	14,271	818	0	37	329	0	1	20	0	0	0	0	0	15,494
	Bulan-Bulan	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
36	Aya/Kayu/Tongkol	29	3,277	60	0	501	2	0	0	3,028	0	0	0	0	0	6,897
	Layaran/Mersuji	3	0	0	0	0	245	0	0	11	0	0	0	0	0	259
37	Kembong/Temenong/Pelaling	960	6,725	11	0	3,972	5	0	20	382	0	0	0	0	0	12,075
	Tenggiri	740	286	0	0	410	2	0	14	1,290	0	0	0	0	0	2,742
	Timah/Layor/Selayor	668	232	16	0	528	1	0	0	2	0	0	0	0	0	1,447
38	Pari	3,986	0	0	0	1,329	0	2	40	77	0	0	0	0	0	5,434
	Yu	944	0	0	0	243	0	0	14	184	0	0	0	0	0	1,385
39	Ikan Baja	105,603	984	129	0	0	0	0	0	0	549	0	0	0	0	107,265
	Ikan Campur	8,999	115	156	0	278	8	7	241	119	38	0	0	0	0	9,961
	Jebong	393	0	0	0	0	0	0	117	0	0	0	0	0	0	510
42	Ketam	1,028	0	0	0	53	0	1	477	9	0	0	0	0	42	1,610
45	Udang Karang/Lobak	532	0	0	0	17	0	0	0	0	0	0	0	0	5	554
	Udang Putih	380	0	0	0	126	0	0	0	0	14	0	0	0	0	520
	Udang Minyak	761	0	0	0	7	0	0	0	0	52	0	0	0	0	820
	Udang Merah Ros	1,361	0	0	0	69	0	0	0	0	62	0	0	0	0	1,492
	Udang Kulit Keras	259	0	0	0	17	0	0	0	0	0	0	0	0	0	276
	Udang Harimau	107	0	0	0	1	0	5	0	0	2	0	0	0	0	115
	Lain-Lain Jenis Udang	2,030	0	0	0	7	0	25	0	0	29	0	0	0	4	2,095
	Udang Baring	0	0	0	0	0	0	0	0	0	1,967	0	0	0	0	1,967
56	Siput/Kepah/Kupang/Tiram	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
57	Sotong Kereta	151	0	0	0	0	0	0	1	0	0	0	0	0	0	152
	Sotong Katak	6,029	0	0	0	6	0	0	238	10	0	0	0	0	0	6,283
	Sotong Biasa	9,062	585	0	0	18	200	0	56	856	0	0	0	0	0	10,777
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	175,766	71,802	6,325	0	11,155	5,430	88	6,690	10,626	2,713	0	0	0	51	290,646

SARAWAK
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1995
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1995
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.6.4

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Net</i>	Pukat-Pukat Tarik/ <i>Seine Net</i>			Pukat Hanyut <i>Drift/Gill Net</i>	Pukat Tangguk <i>Lift Net</i>	Perangkap-perangkap <i>Trap</i>		Pancing <i>Hook and Line</i>	Pukat Bakul <i>Bag Net</i>	Pukat Rentang <i>Barrier Net</i>	Pukat Surung <i>Push/ Scoop Net</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan M) <i>Total (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seine</i>			Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
118	24 Kebasi/Selangat	0	0	0	0	175	0	11	0	0	5	0	0	0	0	191
	Puput/B. Mata/Tirok	1,197	0	0	0	906	0	4	0	0	0	0	0	0	0	2,107
	Terubok	8	0	0	0	753	0	8	0	0	1	0	0	0	0	770
	25 Siakap	6	0	0	0	102	0	0	0	2	0	0	0	0	0	110
	31 Lidah	117	0	0	0	18	0	0	0	0	0	0	0	0	0	135
	Sebelah	141	0	0	0	187	0	0	0	0	0	0	0	0	0	328
	33 Bayan	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Biji Nangka	4,349	0	0	0	10	0	0	0	0	0	0	0	0	0	4,359
	Daun Baharu	127	0	0	0	57	0	1	0	1	0	0	0	0	0	186
	Delah/Pinang-Pinang	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	Duri/Pulutan/Utik	1,314	5	0	0	1,597	0	20	0	71	9	15	0	0	0	3,031
	Dengkis/Debam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	1,610	3	0	0	686	0	5	0	0	0	5	0	0	0	2,309
	Gerut-Gerut	35	0	0	0	10	0	2	0	0	0	0	0	0	0	47
	Jenahak	54	0	0	0	44	0	0	0	23	0	0	0	0	0	121
	Kaci	27	0	0	0	2	0	0	0	8	0	0	0	0	0	37
	Kerapu	104	0	0	0	62	0	0	0	155	0	1	0	0	0	322
	Kerisi	485	0	0	0	89	0	0	0	15	0	0	0	0	0	589
	Kerisi Bali	4	0	0	0	41	0	0	0	166	0	0	0	0	0	211
	Kikek	60	0	0	0	8	0	0	0	0	0	0	0	0	0	68
	Malong	621	0	0	0	120	0	0	0	47	0	0	0	0	0	788
	Merah	441	0	0	0	136	0	0	0	358	0	1	0	0	0	936
	Mengkerong/Ubi/Conor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit/Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	0	2	0	0	23	0	7	0	3	0	8	0	0	0	43
	Shrumbu/Lemah	213	0	0	0	73	0	1	0	0	0	0	0	0	0	287
	Puntung Damar/ Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir/Timun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	34 Alu-Alu/Kacang-Kacang	111	0	0	0	94	0	0	0	1	0	0	0	0	0	206
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	472	169	0	0	626	0	0	0	0	0	3	386	0	0	1,656

Samb.Dari Jadual 4.6.4.
(Cont'd From Table 4.6.4.)

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	Belanak/Kedera	4	2	0	0	175	0	3	0	2	1	7	0	0	0	194
	Cermin/Sagai/Cupak	83	0	0	0	64	0	0	0	21	1	0	0	0	0	169
	Cincaru	533	4	0	0	557	0	0	0	20	0	0	0	0	0	1,114
	Demudok/Rambai	226	0	0	0	152	0	0	0	10	0	0	0	0	0	388
	Kurau/Senangin/Senohong	53	0	0	0	615	0	2	0	0	5	0	0	0	0	675
	Pelata/Selar	290	145	0	0	406	0	0	0	0	0	0	48	0	0	889
	Selar Kuning/Lolong	370	158	0	0	100	0	0	0	0	0	2	51	0	0	681
	Selayang/Curut	31	223	0	0	65	0	0	0	0	0	0	42	0	0	361
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	120	0	0	0	711	0	0	0	2	0	0	0	0	0	833
35	Bilis/Bunga Air	10	0	0	0	702	0	0	0	0	0	0	0	0	0	712
	Parang-Parang	132	0	0	0	748	0	0	0	0	0	0	0	0	0	880
	Tamban	84	227	0	0	1,692	0	0	0	0	0	0	1	0	0	2,004
	Bulan	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
36	Aya/Kayu/Tongkol	34	43	0	0	1,466	0	0	0	292	0	0	0	0	0	1,835
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	722	215	0	0	1673	0	0	0	0	0	0	36	0	0	2,646
	Tenggiri	634	3	0	0	2,030	0	0	0	84	0	2	7	0	0	2,760
	Timah/Layor/Selayor	990	0	0	0	269	0	0	0	0	0	0	0	0	0	1,259
38	Pari	1,680	0	0	0	682	0	16	0	51	6	5	0	0	0	2,440
	Yu	1,142	0	0	0	1,570	0	4	0	18	0	2	0	0	0	2,736
39	Ikan Baja	26,803	0	0	0	23	0	11	0	0	284	0	0	0	0	27,121
	Ikan Campur	7812	114	0	0	5882	0	376	0	85	209	125	147	0	0	14,750
	Jebong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Ketam	108	0	0	0	94	0	2	351	0	0	0	0	0	2	557
45	Udang Karang/Lobok	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	Udang Putih	988	0	0	0	1,034	0	11	0	0	10	7	0	0	6	2,056
	Udang Minyak	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
	Udang Merah Ros	437	0	0	0	9	0	0	0	0	0	1	0	0	0	447
	Udang Kulit Keras	1,067	0	0	0	4	0	0	0	0	280	0	0	0	0	1,351
	Udang Harimau	31	0	0	0	1	0	0	0	0	0	0	0	0	0	32
	Lain-Lain Jenis Udang	4,792	0	0	0	227	0	11	0	0	838	0	0	0	0	5,868
	Udang Baring	0	0	0	0	186	0	63	0	0	167	0	0	0	0	416
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	55	0	55
57	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	175	0	0	0	4	0	0	0	0	0	0	0	0	0	179
	Sotong Biasa	1,057	0	0	0	97	0	0	0	0	0	0	0	0	0	1,154
76	Ubur-Ubur	21	0	0	0	0	0	0	0	0	1,995	1	1,797	0	0	3,814
	Jumlah Tan M/Total Tonnes	61,958	1,313	0	0	27,066	0	558	351	1,435	3,811	185	2,515	55	8	99,255

JADUAL (TABLE) 4.6.5

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Net</i>	Pukat-Pukat Tarik/ <i>Seine Net</i>		Lain Pukat Tarik <i>Other Seine</i>	Pukat Hanyut <i>Drift/Gill Net</i>	Pukat Tangguk <i>Lift Net</i>	Perangkap-perangkap <i>Trap</i>		Pancing <i>Hook and Line</i>	Pukat Bakul <i>Bag Net</i>	Pukat Rentang <i>Barrier Net</i>	Pukat Surung <i>Push/Scoop Net</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) <i>Total (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	159	0	0	2	480	0	45	1	0	0	11	0	0	0	698
	Puput/B. Mata/Tirok	943	0	0	0	56	0	2	0	0	0	1	0	0	0	1,002
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	0	0	0	0	727	0	19	55	317	0	0	0	0	0	1,118
31	Lidah	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
33	Sebelah	618	0	0	0	37	0	61	1	0	0	0	0	0	2	719
	Bayan	14	0	0	0	0	0	0	1	121	0	0	0	0	0	136
	Biji Nangka	677	0	0	0	0	0	1	10	0	0	0	0	0	3	691
	DauN Baharu	23	0	0	0	32	0	0	0	18	0	0	0	0	0	73
	Delah/Pinang-Pinang	1	0	0	2	14	0	0	0	843	0	0	0	0	83	943
	Duri/Pulutan/Utik	464	0	0	0	1,429	0	124	2	944	0	41	0	0	1	3,005
	Dengkis/Debam	26	0	0	122	129	0	89	107	29	0	13	0	0	22	537
	Gelama/Tengkerong/Selampai	1,063	26	0	0	222	0	79	13	0	0	10	0	0	8	1,421
	Gerut-Gerut	225	0	0	0	84	0	33	0	21	0	0	0	0	0	363
	Jenahak	256	0	0	15	1,375	0	5	161	1,759	0	5	0	0	37	3,613
	Kaci	7	0	0	0	5	0	0	3	80	0	0	0	0	1	96
	Kerapu	173	0	0	0	752	0	85	146	2,331	0	6	0	0	87	3,580
	Kerisi	4,597	0	0	0	163	0	0	3	545	0	0	0	0	0	5,308
	Kerisi Bali	234	0	0	0	1,143	0	0	5	598	0	0	0	0	0	1,980
	Kikek	509	0	0	0	127	51	59	0	0	0	21	0	0	0	767
	Malong	488	0	0	0	0	0	0	0	209	0	0	0	0	0	697
	Merah	84	0	0	0	1,390	2	5	171	1,435	0	3	0	0	2	3,092
	Mengkerong/Conor/Ubi-Ubi	1,002	0	0	0	0	0	0	0	0	0	0	0	0	0	1,002
	Remong/Kunyit-Kunyit/Tanda	4	0	0	7	4	0	4	86	535	0	0	0	0	9	649
	Semilang	0	0	0	0	552	0	85	84	144	0	8	0	0	0	873
	Shrumbu/Lemah	0	0	0	0	26	0	0	0	0	0	0	0	0	0	26
	Puntong Damar/Bulus	1	0	0	0	42	0	0	0	2	0	0	0	0	0	45
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	649	65	0	3	148	553	75	0	1,093	0	1	0	0	3	2,590
34	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	37	84	0	0	974	280	31	0	0	0	0	0	0	0	1,406

Samb. Dari Jadual 4.6.5.
(Cont'd From Table 4.6.5.)

	Belanak/Kedera	1	0	0	4	1,566	0	74	23	0	0	35	0	0	5	1,708
	Cermin/Sagai/Cupak	7	0	0	0	13	37	0	2	24	0	0	0	0	0	83
	Cincaru	311	455	142	0	215	437	0	0	63	0	0	0	0	1	1,624
	Demudok/Rambai	736	37	0	8	547	401	22	21	1,381	0	26	0	0	42	3,221
	Kurau/Senangin/Senohong	1	0	0	0	1,875	0	63	0	310	0	0	0	0	0	2,249
	Pelata/Selar	263	599	0	12	185	1,056	0	0	501	0	0	0	0	29	2,645
	Selar Kuning/Lolong	234	3	0	0	6	53	0	0	13	0	0	0	0	0	309
	Selayang/Curut	2,443	6,983	0	7	0	5,338	0	0	13	0	0	0	0	0	14,784
	Pisang-Pisang	0	0	0	0	39	0	0	1	77	0	0	0	0	0	117
	Talang	139	78	0	0	1,252	371	75	0	31	0	0	0	0	0	1,946
35	Bilis/Bunga Air	58	7	0	0	5	2,977	58	0	0	0	0	0	0	13	3,118
	Parang-Parang	5	0	0	0	11	0	0	0	0	0	0	0	0	0	16
	Tamban	50	10,247	0	1,088	35	5,605	71	0	0	0	0	0	0	8	17,104
	Bulan-Bulan	11	58	0	0	0	0	43	0	0	0	0	0	0	0	112
36	Aya/Kayu/Tongkol	0	2,593	1,089	4,102	2,874	3	0	0	3,270	0	0	0	0	3	13,934
	Layaran/Mersuji	0	0	0	0	102	0	0	0	40	0	0	0	0	0	142
37	Kembong/Temenong/Pelaling	1,244	4,854	298	63	522	1,224	64	0	264	0	0	0	0	6	8,539
	Tenggiri	157	130	0	0	3,156	4	0	0	1,555	0	0	0	0	0	5,002
	Timah/Layor/Selayor	327	0	0	0	104	22	1	0	7	0	0	0	0	0	461
38	Pari	961	3	0	3	630	0	67	0	1,326	0	0	0	0	3	2,993
	Yu	571	0	0	2	1,024	0	1	0	1,578	0	0	0	0	0	3,176
39	Ikan Baja	11,479	537	0	0	0	1,133	0	0	0	0	0	0	0	0	13,149
	Ikan Campur	4,151	2,069	0	433	719	74	97	56	871	0	5	0	0	66	8,541
	Jebong	120	0	0	0	34	0	0	3	41	0	0	0	0	4	202
42	Ketam	1,167	0	0	0	118	0	78	85	0	0	0	0	0	2,247	3,695
45	Udang Karang/Lobok	21	0	0	0	3	0	0	0	0	0	0	0	0	18	42
	Udang Putih	2,480	0	0	0	3,620	0	2	0	0	0	0	0	0	676	6,778
	Udang Minyak	241	0	0	0	87	0	0	0	0	0	0	0	0	0	328
	Udang Merah Ros	346	0	0	0	9	0	0	0	0	0	1	0	0	0	356
	Udang Kulit Keras	176	0	0	0	0	0	0	0	0	0	0	0	0	0	176
	Udang Harimau	248	0	0	0	14	0	15	0	0	0	0	0	0	0	277
	Lain-Lain Jenis Udang	3,328	0	0	0	392	0	52	0	0	0	3	0	0	0	3,775
	Udang Baring	229	0	0	0	0	95	0	0	0	0	0	0	0	342	666
56	Siput/Kepah/Kupang/Tiram	272	0	0	0	0	0	0	0	0	0	0	0	97	275	644
57	Sotong Kereta	183	0	0	0	7	23	0	0	169	0	0	0	0	2	384
	Sotong Katak	1,483	1	0	0	0	102	1	0	4	0	0	0	0	2	1,593
	Sotong Biasa	3,383	46	0	27	1	979	88	0	294	0	0	0	0	0	4,818
76	Ubur-Ubur	23	0	0	0	0	0	0	0	0	0	0	0	0	1,299	1,322
	Jumlah Tan M/Total Tonnes	49,106	28,875	1,529	5,900	29,076	20,820	1,674	1,040	22,856	0	190	0	97	5,299	166,462

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Net</i>	Pukat-Pukat Tarik/ <i>Seine Net</i>		Lain Pukat Tarik <i>Other Seine</i>	Pukat Hanyut <i>Drift/Gill Net</i>	Pukat Tangguk <i>Lift Net</i>	Perangkap-perangkap <i>Trap</i>		Pancing <i>Hook and Line</i>	Pukat Bakul <i>Bag Net</i>	Pukat Rentang <i>Barrier Net</i>	Pukat Surung <i>Push/Scoop Net</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) <i>Total (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	31	0	0	0	0	0	0	0	0	0	0	0	0	0	31
	Puput/B. Mata/Tirok	38	0	0	0	63	0	0	0	0	0	0	0	0	0	101
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	Lidah	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
33	Sebelah	111	0	0	0	97	0	9	5	0	0	0	0	0	0	222
	Bayan	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	Biji Nangka	195	0	0	0	0	0	0	0	0	0	0	0	0	0	195
34	Daun Baharu	77	0	0	0	99	0	8	0	0	0	0	0	0	0	184
	Delah/Pinang-Pinang	60	0	0	0	90	0	9	13	249	0	0	0	0	0	421
	Duri/Pulutan/Utik	46	0	0	0	67	0	8	1	0	0	0	0	0	0	122
	Dengkis/Debam	33	0	0	0	149	0	17	7	60	0	0	0	0	0	266
	Gelama/Tengkerong/Selampai	199	0	0	0	2	0	3	0	0	0	0	0	0	0	204
	Gerut-Gerut	45	0	0	0	55	0	11	7	160	0	0	0	0	0	278
	Jenahak	63	0	0	0	0	0	0	11	245	0	0	0	0	0	319
	Kaci	55	0	0	0	25	0	10	8	189	0	0	0	0	0	287
	Kerapu	91	0	0	0	68	0	10	10	393	0	0	0	0	0	572
	Kerisi	260	0	0	0	4	0	0	0	59	0	0	0	0	0	323
	Kerisi Bali	31	0	0	0	0	0	0	0	437	0	0	0	0	0	468
	Kikek	140	0	0	0	78	0	16	0	0	0	0	0	0	0	234
	Malong	14	0	0	0	0	0	0	0	1	0	0	0	0	0	15
	Merah	126	0	0	0	6	0	1	14	548	0	0	0	0	0	695
	Mengkerong/Conor/Ubi-Ubi	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15
	Remong/Kunyit-Kunyit/Tanda	162	1	0	0	72	0	11	13	273	0	0	0	0	0	532
	Semilang	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
	Shrumbu/Lemah	37	1	0	0	34	0	8	0	0	0	0	0	0	0	80
	Puntong Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	35	1	0	0	45	0	9	0	0	0	0	0	0	0	90
	Alu-Alu/Kacang-Kacang	98	111	0	0	52	27	12	0	0	0	0	0	0	0	300
	Aruan Tasik	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Bawal	101	96	0	0	0	0	206	0	0	0	0	0	0	0	403

Samb. Dari Jadual 4.6.6.
(Cont. From Table 4.6.6.)

	Belanak/Kedera	2	0	0	0	64	0	7	0	0	0	0	0	0	0	73
	Cermin/Sagai/Cupak	176	1	0	0	170	0	15	17	434	0	0	0	0	0	813
	Cincaru	55	482	0	0	317	7	10	0	0	0	0	0	0	0	871
	Demudok/Rambai	163	1	0	0	54	0	10	1	11	0	0	0	0	0	240
	Kurau/Senangin/Senohong	27	0	0	0	4	0	2	0	0	0	0	0	0	0	33
	Pelata/Selar	228	312	0	0	17	55	10	0	0	0	0	0	0	0	622
	Selar Kuning/Lolong	179	64	0	0	0	72	1	0	0	0	0	0	0	0	316
	Selayang/Curut	105	467	0	0	0	116	0	0	0	0	0	0	0	0	688
	Pisang-Pisang	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Talang	11	0	0	0	84	0	0	0	0	0	0	0	0	0	95
35	Bilis/Bunga Air	0	0	0	68	12	0	0	0	0	0	0	0	0	0	80
	Parang-Parang	31	0	0	0	31	0	1	0	0	0	0	0	0	0	63
	Tamban	0	662	0	0	0	188	0	0	0	0	0	0	0	0	850
	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	4	2,015	0	0	262	0	0	0	0	0	0	0	0	0	2,281
	Layaran/Mersuji	0	0	0	0	36	0	0	13	0	0	0	0	0	0	49
37	Kembong/Temenong/Pelaling	144	1,002	0	0	402	0	0	0	359	0	0	0	0	0	1,907
	Tenggiri	65	65	0	0	191	10	0	0	300	0	0	0	0	0	631
	Timah/Layor/Selayor	7	0	0	0	29	144	1	0	0	0	0	0	0	0	181
38	Pari	149	1	0	0	6	0	9	0	5	0	0	0	0	0	170
	Yu	134	1	0	0	36	0	0	0	7	0	0	0	0	0	178
39	Ikan Baja	2,841	45	0	0	0	0	0	0	0	0	0	0	0	0	2,886
	Ikan Campur	1,665	35	0	0	221	0	38	26	200	0	0	0	0	0	2,185
	Jebong	86	0	0	0	46	0	2	0	0	0	0	0	0	0	134
42	Ketam	100	1	0	0	7	0	1	0	0	0	0	0	0	0	109
45	Udang Karang/Lobok	80	0	0	0	0	0	0	0	0	0	0	0	0	0	80
	Udang Putih	252	2	0	0	0	0	0	0	0	0	0	0	0	0	254
	Udang Minyak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah Ros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Kulit Keras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Harimau	90	1	0	0	0	0	0	0	0	0	0	0	0	0	91
	Lain-Lain Jenis Udang	247	2	0	0	0	0	0	0	0	0	0	0	0	0	249
	Udang Baring	0	0	0	29	0	0	0	0	0	0	0	127	0	0	156
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	274	4	0	0	0	0	0	0	0	0	0	0	0	0	278
	Sotong Biasa	199	101	0	0	0	0	0	0	0	0	0	0	0	0	300
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	9,410	5,474	0	97	2,995	825	251	146	3,930	0	0	127	0	0	23,255

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1995
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1995

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative no. of fishing units	61,401	11,103	28,871	10,988	7,896	2,543
	Cumulative no. of trips	862,229	185,855	515,885	111,092	43,002	6,395
	Cumulative no. of days	1,145,095	186,713	539,118	216,554	157,821	44,889
	Cumulative no. of hauls	3,635,085	498,141	1,694,273	751,998	543,422	147,251
24	Kebasi/Selangat	916	5	603	261	41	6
	Puput/B. Mata/Tirok	2,940	15	493	840	1,115	477
25	Terubok	2	0	2	0	0	0
	Siakap	11	1	8	1	1	0
31	Lidah	2,188	166	955	535	426	106
	Sebelah	736	41	133	247	209	106
33	Bayan	20	0	6	7	3	4
	Biji Nangka	4,306	15	1,039	1,342	1,159	751
	Dauu Baharu	106	4	31	38	21	12
	Delah/Pinang-Pinang	16	0	1	5	6	4
	Duri/Pulutan/Utik	4,138	85	966	1,513	952	622
	Dengkis/Debam	174	2	7	42	71	52
	Gelama/Tengkerong/Selampai	8,400	407	2,371	3,433	1,834	355
	Gerut-Gerut	347	3	81	158	67	38
	Jenahak	245	0	70	61	79	35
	Kaci	505	0	4	36	220	245
	Kerapu	1,813	59	275	530	631	318
	Kerisi	20,009	201	1,770	4,988	8,966	4,084
	Kerisi Bali	920	2	74	141	268	435
	Kikek	650	40	360	192	44	14
	Malong	1,010	63	494	255	129	69
	Merah	988	4	67	159	356	402
	Mengkerong/Conor/Ubi-Ubi	7,762	27	526	1,121	4,106	1,982
	Remong/Kunyit-Kunyit/Tanda	1,348	11	193	331	441	372
	Semilang	225	24	83	40	49	29
	Shrumbu/Lemah	25	0	0	4	15	6
	Puntong Damar/Bulus	1,089	60	235	337	376	81
	Pasir-Pasir/Timun-Timun	785	22	384	213	90	76
34	Alu-Alu/Kacang-Kacang	1,049	29	187	357	331	145
	Aruan Tasik	187	0	14	65	61	47
	Bawal	4,465	87	1,269	1,705	1,203	201

Samb. Dari Jadual 4.7
(Cont'd From Table 4.7)

	Belanak/Kedera	722	100	362	226	32	2
	Cermin/Sagai/Cupak	1,065	24	222	287	295	237
	Cencaru	8,540	10	351	3,145	4,244	790
	Demudok/Rambai	547	0	34	169	251	93
	Kurau/Senangin/Senohong	246	2	92	102	39	11
	Pelata/Selar	2,703	18	178	931	1,270	306
	Selar Kuning/Lolong	6,295	62	551	1,762	2,422	1,498
	Selayang/Curut	5,052	1	6	638	3,928	479
	Pisang-Pisang	7	0	3	4	0	0
	Talang	179	2	28	115	28	6
35	Bilis/Bunga Air	470	4	391	61	12	2
	Parang-Parang	1,673	46	494	645	375	113
	Tamban	1,983	85	228	918	707	45
	Bulan-Bulan	13	0	0	3	8	2
36	Aya/Kayu/Tongkol	85	3	5	7	45	25
	Layaran/Mersuji	3	1	0	1	1	0
37	Kembong/Temenong/Pelaling	31,487	291	2,856	13,838	13,190	1,312
	Tenggiri	2,487	23	333	1,004	847	280
	Timah/Layor/Selayor	3,295	39	606	1,655	721	274
38	Pari	7,118	371	1,539	2,279	1,976	953
	Yu	1,685	72	166	622	556	269
39	Ikan Baja	256,366	15,703	48,639	82,566	74,662	34,796
	Ikan Campur	18,937	633	2,659	3,710	6,857	5,078
	Jebong	904	0	17	349	324	214
42	Ketam	2,922	318	1,089	836	517	162
45	Udang Karang/Lobok	551	20	118	170	152	91
	Udang Putih	2,128	238	1,404	378	95	13
	Udang Minyak	8,459	1,390	6,613	429	27	0
	Udang Merah Ros	3,646	1,188	1,881	404	101	72
	Udang Kulit Keras	1,580	445	1,088	21	21	5
	Udang Harimau	200	27	55	74	40	4
	Lain-Lain Jenis Udang	14,075	2,218	9,649	1,440	678	90
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	9	0	0	8	1	0
57	Sotong Kereta	617	107	133	230	120	27
	Sotong Katak	12,352	419	2,369	4,010	3,794	1,760
	Sotong Biasa	23,028	220	2,345	7,952	9,447	3,064
76	Ubur-Ubur	20	0	0	20	0	0
	Jumlah Tan M./Total Tonnes	488,824	25,453	99,205	149,966	151,053	63,147

JADUAL (TABLE) 4.7.1.

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1995
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1995

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative no. of fishing units	47,192	8,244	24,095	8,144	5,776	933
	Cumulative no. of trips	740,950	143,593	459,113	98,801	36,631	2,812
	Cumulative no. of days	917,586	143,632	470,791	165,639	119,085	18,439
	Cumulative no. of hauls	2,808,462	370,480	1,427,294	550,176	401,710	58,802
24	Kebasi/Selangat	907	4	601	258	40	4
	Puput/B. Mata/Tirok	2,620	13	482	840	1,087	198
	Terubok	2	0	2	0	0	0
25	Siakap	8	0	7	1	0	0
31	Lidah	1,917	135	838	456	394	94
	Sebelah	314	28	32	100	109	45
33	Bayan	4	0	1	2	1	0
	Biji Nangka	1,432	1	26	578	665	162
	Daun Baharu	16	0	8	5	3	0
	Delah/Pinang-Pinang	3	0	0	0	3	0
	Duri/Pulutan/Utik	2,158	38	463	1,046	495	116
	Dengkis/Debam	27	0	0	6	14	7
	Gelama/Tengkerong/Selampai	7,089	310	1,975	2,914	1,616	274
	Gerut-Gerut	250	1	54	116	54	25
	Jenahak	207	0	70	56	60	21
	Kaci	10	0	0	2	7	1
	Kerapu	1,299	50	224	420	464	141
	Kerisi	13,043	176	721	3,276	6,757	2,113
	Kerisi Bali	290	0	15	110	121	44
	Kikek	34	0	2	26	4	2
	Malong	891	55	474	223	104	35
	Merah	243	2	15	53	119	54
	Mengkerong/Conor/Ubi-Ubi	5,927	20	147	718	3,677	1,365
	Remong/Kunyit-Kunyit/Tanda	119	0	0	45	59	15
	Semilang	221	24	82	39	47	29
	Shrumbu/Lemah	25	0	0	4	15	6
	Puntong Damar/Bulus	597	19	108	159	259	52
	Pasir-Pasir/Timun-Timun	2	0	2	0	0	0
34	Alu-Alu/Kacang-Kacang	469	22	102	155	150	40
	Aruan Tasik	52	0	5	22	19	6
	Bawal	4,295	74	1,233	1,645	1,168	175

Samb. Dari Jadual 4.7.1.
(Cont'd From Table 4.7.1.)

	Belanak/Kedera	719	100	360	226	32	1
	Cermin/Sagai/Cupak	283	14	123	65	73	8
	Cencaru	7,618	6	341	2,882	3,883	506
	Demudok/Rambai	479	0	30	150	234	65
	Kurau/Senangin/Senohong	235	2	91	94	39	9
	Pelata/Selar	1,982	6	153	726	1,000	97
	Selar Kuning/Lolong	1,433	3	43	310	837	240
	Selayang/Curut	4,327	0	0	575	3,640	112
	Pisang-Pisang	0	0	0	0	0	0
	Talang	135	1	21	89	20	4
35	Bilis/Bunga Air	447	3	386	53	5	0
	Parang-Parang	1,036	27	361	391	221	36
	Tamban	1,965	84	227	918	704	32
	Bulan-Bulan	7	0	0	3	4	0
36	Aya/Kayu/Tongkol	56	0	0	6	40	10
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	30,527	289	2,819	13,476	12,861	1,082
	Tenggiri	1,747	13	288	711	614	121
	Timah/Layor/Selayor	2,627	34	301	1,520	608	164
38	Pari	3,132	179	565	906	1,052	430
	Yu	741	48	90	286	244	73
39	Ikan Baja	150,763	6,899	35,719	48,769	44,008	15,368
	Ikan Campur	9,938	390	1,406	1,678	4,252	2,212
	Jebong	511	0	0	311	150	50
42	Ketam	1,894	169	810	529	311	75
45	Udang Karang/Lobok	19	0	0	10	7	2
	Udang Putih	1,748	145	1,163	354	84	2
	Udang Minyak	7,698	977	6,377	331	13	0
	Udang Merah Ros	2,285	461	1,519	260	38	7
	Udang Kulit Keras	1,321	400	894	1	21	5
	Udang Harimau	93	6	10	47	26	4
	Lain-Lain Jenis Udang	12,045	1,809	9,031	694	436	75
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	1	0	0	1	0	0
57	Sotong Kereta	466	91	93	165	95	22
	Sotong Katak	6,323	185	1,400	2,134	2,069	535
	Sotong Biasa	13,966	108	1,191	4,835	6,599	1,233
76	Ubur-Ubur	20	0	0	20	0	0
	Jumlah Tan M./Total Tonnes	313,058	13,421	73,501	96,801	101,731	27,604

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1995
 FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1995

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative no. of fishing units	14,209	2,859	4,776	2,844	2,120	1,610
	Cumulative no. of trips	121,279	42,262	56,772	12,291	6,371	3,583
	Cumulative no. of days	227,509	43,081	68,327	50,915	38,736	26,450
	Cumulative no. of hauls	826,623	127,661	266,979	201,822	141,712	88,449
24	Kebasi/Selangat	9	1	2	3	1	2
	Puput/B. Mata/Tirok	320	2	11	0	28	279
	Terubok	0	0	0	0	0	0
25	Siakap	3	1	1	0	1	0
31	Lidah	271	31	117	79	32	12
	Sebelah	422	13	101	147	100	61
33	Bayan	16	0	5	5	2	4
	Biji Nangka	2,874	14	1,013	764	494	589
	Dauu Baharu	90	4	23	33	18	12
	Delah/Pinang-Pinang	13	0	1	5	3	4
	Duri/Pulutan/Utik	1,980	47	503	467	457	506
	Dengkis/Debam	147	2	7	36	57	45
	Gelama/Tengkerong/Selampai	1,311	97	396	519	218	81
	Gerut-Gerut	97	2	27	42	13	13
	Jenahak	38	0	0	5	19	14
	Kaci	495	0	4	34	213	244
	Kerapu	514	9	51	110	167	177
	Kerisi	6,966	25	1,049	1,712	2,209	1,971
	Kerisi Bali	630	2	59	31	147	391
	Kikek	616	40	358	166	40	12
	Malong	119	8	20	32	25	34
	Merah	745	2	52	106	237	348
	Mengkerong/Conor/Ubi-Ubi	1,835	7	379	403	429	617
	Remong/Kunyit-Kunyit/Tanda	1,229	11	193	286	382	357
	Semilang	4	0	1	1	2	0
	Shrumbu/Lemah	0	0	0	0	0	0
	Puntong Damar/Bulus	492	41	127	178	117	29
	Pasir-Pasir/Timun-Timun	783	22	382	213	90	76
34	Alu-Alu/Kacang-Kacang	580	7	85	202	181	105
	Arvan Tasik	135	0	9	43	42	41
	Bawal	170	13	36	60	35	26

Samb. Dari Jadual 4.7.2
(Cont'd From Table 4.7.2)

	Belanak/Kedera	3	0	2	0	0	1
	Cermin/Sagai/Cupak	782	10	99	222	222	229
	Cencaru	922	4	10	263	361	284
	Demudok/Rambai	68	0	4	19	17	28
	Kurau/Senangin/Senohong	11	0	1	8	0	2
	Pelata/Selar	721	12	25	205	270	209
	Selar Kuning/Lolong	4,862	59	508	1,452	1,585	1,258
	Selayang/Curut	725	1	6	63	288	367
	Pisang-Pisang	7	0	3	4	0	0
	Talang	44	1	7	26	8	2
35	Bilis/Bunga Air	23	1	5	8	7	2
	Parang-Parang	637	19	133	254	154	77
	Tamban	18	1	1	0	3	13
	Bulan-Bulan	6	0	0	0	4	2
36	Aya/Kayu/Tongkol	29	3	5	1	5	15
	Layaran/Mersuji	3	1	0	1	1	0
37	Kembong/Temenong/Pelaling	960	2	37	362	329	230
	Tenggiri	740	10	45	293	233	159
	Timah/Layor/Selayor	668	5	305	135	113	110
38	Pari	3,986	192	974	1,373	924	523
	Yu	944	24	76	336	312	196
39	Ikan Baja	105,603	8,804	12,920	33,797	30,654	19,428
	Ikan Campur	8,999	243	1,253	2,032	2,605	2,866
	Jebong	393	0	17	38	174	164
42	Ketam	1,028	149	279	307	206	87
45	Udang Karang/Lobok	532	20	118	160	145	89
	Udang Putih	380	93	241	24	11	11
	Udang Minyak	761	413	236	98	14	0
	Udang Merah Ros	1,361	727	362	144	63	65
	Udang Kulit Keras	259	45	194	20	0	0
	Udang Harimau	107	21	45	27	14	0
	Lain-Lain Jenis Udang	2,030	409	618	746	242	15
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	8	0	0	7	1	0
57	Sotong Kereta	151	16	40	65	25	5
	Sotong Katak	6,029	234	969	1,876	1,725	1,225
	Sotong Biasa	9,062	112	1,154	3,117	2,848	1,831
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	175,766	12,032	25,704	53,165	49,322	35,543

JADUAL (TABLE) 4.8

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1995
FISHING EFFORTS AND LANDINGS OF FISH PURSE SEINES BY TONNAGE CLASS AND SPECIES, 1995

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative fishing units	5,612	4	1,201	1,184	2,238	985
	Cumulative No. of trips	64,359	92	17,518	17,689	25,749	3,311
	Cumulative No. of days	91,148	92	18,195	19,697	36,872	16,292
	Cumulative No. of hauls	218,161	736	55,206	47,592	88,210	26,417
24	Kebasi/Selangat	0	0	0	0	0	0
	Puput/B. Mata/Tirok	5	0	0	0	5	0
	Terubok	0	0	0	0	0	0
25	Siakap	0	0	0	0	0	0
31	Lidah	0	0	0	0	0	0
	Sebelah	0	0	0	0	0	0
33	Bayan	0	0	0	0	0	0
	Biji Nangka	0	0	0	0	0	0
	Daun Baharu	0	0	0	0	0	0
	Delah/Pinang-Pinang	10	0	10	0	0	0
	Duri/Pulutan/Utik	115	0	5	87	23	0
	Dengkis/Debam	1	0	0	0	1	0
	Gelama/Tengkerong/Selampai	3	1	2	0	0	0
	Gerut-Gerut	0	0	0	0	0	0
	Jenahak	0	0	0	0	0	0
	Kaci	0	0	0	0	0	0
	Kerapu	0	0	0	0	0	0
	Kerisi	0	0	0	0	0	0
	Kerisi Bali	0	0	0	0	0	0
	Kikek	22	0	18	0	4	0
	Malong	0	0	0	0	0	0
	Merah	4	0	0	0	0	4
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/Lemah	0	0	0	0	0	0
	Puntong Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	69	0	35	6	28	0
	Aruan Tasik	1	0	0	0	1	0

Samb. Dari Jadual 4.8.
(Cont'd From Table 4.8.)

	Bawal	626	0	9	131	370	116
	Belanak/Kedera	509	5	250	254	0	0
	Cermin/Sagai/Cupak	41	0	17	5	0	19
	Cencaru	6,518	0	87	793	4,084	1,554
	Demudok/Rambai	400	0	39	3	174	184
	Kurau/Senangin/Senohong	1	0	1	0	0	0
	Pelata/Selar	10,026	0	1,325	2,225	4,650	1,826
	Selar Kuning/Lolong	12,461	0	3,059	2,334	4,619	2,449
	Selayang/Curut	33,574	0	3,896	4,575	9,213	15,890
	Pisang-Pisang	423	0	0	94	258	71
	Talang	53	0	20	8	24	1
35	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	17	0	11	5	1	0
	Tamban	15,711	0	4,827	3,487	6,143	1,254
	Bulan-Bulan	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	6,659	0	961	762	3,802	1,134
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	33,536	7	3,108	8,952	18,355	3,114
	Tenggiri	432	0	203	86	65	78
	Timah/Layor/Selayor	235	0	95	94	44	2
38	Pari	0	0	0	0	0	0
	Yu	0	0	0	0	0	0
39	Ikan Baja	3,952	190	1,292	739	798	933
	Ikan Campur	470	0	17	62	204	187
	Jebong	0	0	0	0	0	0
42	Ketam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih	0	0	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Merah Ros	8	0	0	8	0	0
	Udang Kulit Keras	0	0	0	0	0	0
	Udang Harimau	0	0	0	0	0	0
	Lain-Lain Jenis Udang	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0
	Sotong Katak	0	0	0	0	0	0
	Sotong Biasa	756	0	248	256	218	34
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	126,638	203	19,535	24,966	53,084	28,850

JADUAL (TABLE) 4.8.1

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1995
FISHING EFFORTS AND LANDINGS OF FISH PURSE SEINES BY TONNAGE CLASS AND SPECIES, 1995

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative fishing units	2,382	4	56	690	1,340	292
	Cumulative No. of trips	31,465	92	1,083	12,245	16,798	1,247
	Cumulative No. of days	43,434	92	1,083	12,237	24,416	5,606
	Cumulative No. of hauls	94,678	736	6,240	28,351	51,813	7,538
24	Kebasi/Selangat	0	0	0	0	0	0
	Puput/B. Mata/Tirok	5	0	0	0	5	0
	Terubok	0	0	0	0	0	0
25	Siakap	0	0	0	0	0	0
31	Lidah	0	0	0	0	0	0
	Sebelah	0	0	0	0	0	0
33	Bayan	0	0	0	0	0	0
	Biji Nangka	0	0	0	0	0	0
	Daun Baharu	0	0	0	0	0	0
	Delah/Pinang-Pinang	0	0	0	0	0	0
	Duri/Pulutan/Utik	23	0	0	0	23	0
	Dengkis/Debam	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	3	1	2	0	0	0
	Gerut-Gerut	0	0	0	0	0	0
	Jenahak	0	0	0	0	0	0
	Kaci	0	0	0	0	0	0
	Kerapu	0	0	0	0	0	0
	Kerisi	0	0	0	0	0	0
	Kerisi Bali	0	0	0	0	0	0
	Kikek	0	0	0	0	0	0
	Malong	0	0	0	0	0	0
	Merah	0	0	0	0	0	0
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/Lemah	0	0	0	0	0	0
	Puntong Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	0	0	0	0	0	0
	Arvan Tasik	0	0	0	0	0	0

Samb. Dari Jadual 4.8.1
(Cont'd From Table 4.8.1)

	Bawal	585	0	1	129	355	100
	Belanak/Kedera	509	5	250	254	0	0
	Cermin/Sagai/Cupak	0	0	0	0	0	0
	Cencaru	5,225	0	3	711	3,601	910
	Demudok/Rambai	155	0	0	1	154	0
	Kurau/Senangin/Senohong	1	0	1	0	0	0
	Pelata/Selar	5,039	0	0	1,060	3,225	754
	Selar Kuning/Lolong	1,512	0	0	138	911	463
	Selayang/Curut	6,065	0	0	1,490	2,643	1,932
	Pisang-Pisang	422	0	0	94	257	71
	Talang	7	0	0	7	0	0
35	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	1	0	0	0	1	0
	Tamban	1,440	0	18	700	432	290
	Bulan-Bulan	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	3,382	0	2	287	2,566	527
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	26,811	7	1,107	7,532	15,744	2,421
	Tenggiri	146	0	0	37	62	47
	Timah/Layor/Selayor	3	0	0	1	0	2
38	Pari	0	0	0	0	0	0
	Yu	0	0	0	0	0	0
39	Ikan Baja	2,968	190	1,219	739	549	271
	Ikan Campur	355	0	1	58	170	126
	Jebong	0	0	0	0	0	0
42	Ketam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih	0	0	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Merah Ros	8	0	0	8	0	0
	Udang Kulit Keras	0	0	0	0	0	0
	Udang Harimau	0	0	0	0	0	0
	Lain-Lain Jenis Udang	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0
	Sotong Katak	0	0	0	0	0	0
	Sotong Biasa	171	0	0	55	84	32
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	54,836	203	2,604	13,301	30,782	7,946

JADUAL (TABLE) 4.8.2

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1995
FISHING EFFORTS AND LANDINGS OF FISH PURSE SEINES BY TONNAGE CLASS AND SPECIES, 1995

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative fishing units	3,230	0	1,145	494	898	693
	Cumulative No. of trips	32,894	0	16,435	5,444	8,951	2,064
	Cumulative No. of days	47,714	0	17,112	7,460	12,456	10,686
	Cumulative No. of hauls	123,483	0	48,966	19,241	36,397	18,879
24	Kebasi/Selangat	0	0	0	0	0	0
	Puput/B. Mata/Tirok	0	0	0	0	0	0
	Terubok	0	0	0	0	0	0
25	Siakap	0	0	0	0	0	0
31	Lidah	0	0	0	0	0	0
	Sebelah	0	0	0	0	0	0
33	Bayan	0	0	0	0	0	0
	Biji Nangka	0	0	0	0	0	0
	Daun Baharu	0	0	0	0	0	0
	Delah/Pinang-Pinang	10	0	10	0	0	0
	Duri/Pulutan/Utik	92	0	5	87	0	0
	Dengkis/Debam	1	0	0	0	1	0
	Gelama/Tengkerong/Selampai	0	0	0	0	0	0
	Gerut-Gerut	0	0	0	0	0	0
	Jenahak	0	0	0	0	0	0
	Kaci	0	0	0	0	0	0
	Kerapu	0	0	0	0	0	0
	Kerisi	0	0	0	0	0	0
	Kerisi Bali	0	0	0	0	0	0
	Kikek	22	0	18	0	4	0
	Malong	0	0	0	0	0	0
	Merah	4	0	0	0	0	4
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/Lemah	0	0	0	0	0	0
	Puntong Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	69	0	35	6	28	0
	Aruan Tasik	1	0	0	0	1	0

Samb. Dari Jadual 4.8.2
(Cont'd From Table 4.8.2)

	Bawal	41	0	8	2	15	16
	Belanak/Kedera	0	0	0	0	0	0
	Cermin/Sagai/Cupak	41	0	17	5	0	19
	Cencaru	1,293	0	84	82	483	644
	Demudok/Rambai	245	0	39	2	20	184
	Kurau/Senangin/Senohong	0	0	0	0	0	0
	Pelata/Selar	4,987	0	1,325	1,165	1,425	1,072
	Selar Kuning/Lolong	10,949	0	3,059	2,196	3,708	1,986
	Selayang/Curut	27,509	0	3,896	3,085	6,570	13,958
	Pisang-Pisang	1	0	0	0	1	0
	Talang	46	0	20	1	24	1
35	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	16	0	11	5	0	0
	Tamban	14,271	0	4,809	2,787	5,711	964
	Bulan-Bulan	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	3,277	0	959	475	1,236	607
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	6,725	0	2,001	1,420	2,611	693
	Tenggiri	286	0	203	49	3	31
	Timah/Layor/Selayor	232	0	95	93	44	0
38	Pari	0	0	0	0	0	0
	Yu	0	0	0	0	0	0
39	Ikan Baja	984	0	73	0	249	662
	Ikan Campur	115	0	16	4	34	61
	Jebong	0	0	0	0	0	0
42	Ketam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih	0	0	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Merah Ros	0	0	0	0	0	0
	Udang Kulit Keras	0	0	0	0	0	0
	Udang Harimau	0	0	0	0	0	0
	Lain-Lain Jenis Udang	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0
	Sotong Katak	0	0	0	0	0	0
	Sotong Biasa	585	0	248	201	134	2
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	71,802	0	16,931	11,665	22,302	20,904

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN TRIP MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1995
FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR AND STATE, 1995

JADUAL (TABLE) 5.1

Jenis Perkakas	Pukat Tunda Trawl Net					Pukat Tarik (Seine Net)										Pukat Hanyut	Pukat Tangguk	Perangkap- Perangkap Trap		Pancing	Pukat Bakul	Pukat Rentang	Pukat Surung	Memungut Siput	Rampaian		
						Pukat Jerut Ikan Purse Seine-Fish					Pukat Jerut Bilis Purse Seine-Anchovy							Lain- Lain Tarik	Belat- Belat							Bubu	
Type of Gear	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	Other Seine	Drift/ Gill Net	Lift Net	Station- ary	Portable	Hook & Line	Bag Net	Barrier Net	Push/ Scoop Net	Shellfish Collection	Miscella- neous	
Negeri/State																											
Perlis	6,876	23,032	3,955	212	49	0	0	10,152	3,652	1,015	0	0	0	0	0	0	41,371	0	0	0	0	0	0	1,960	2,794	5,970	
Kedah	65,407	43,939	22,874	10,793	521	0	0	0	1,958	113	0	0	0	483	10,323	12,160	301,465	0	0	0	10,538	28,920	3,102	16,984	1,337	30,269	
P.Pinang	0	0	21,747	1,962	72	0	197	1,546	1,727	74	0	0	0	0	0	32,104	413,862	0	0	993	16,997	14,901	20,773	2,190	413	3,434	
Perak	30,089	264,551	23,091	15,759	2,136	92	886	256	7,268	45	0	0	0	7,661	0	96,695	333,971	0	0	9,448	30,285	24,275	27,412	50,214	4,139	50,079	
Selangor	29,181	78,099	26,176	7,905	34	0	0	144	2,194	0	0	0	0	0	0	2,268	246,461	0	4,218	6,182	33,429	34,383	6,008	14,882	9,345	1,877	
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	601	31,755	0	0	70	2,784	0	0	0	388	0	
Melaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	771	110,785	0	301	0	18,008	0	0	16,960	1,512	0	
Johor Barat/ West Johor	12,039	49,492	957	0	0	0	0	0	0	0	0	0	0	0	0	0	403,125	0	23,348	8,091	2,730	12,274	1,318	2,396	0	28,257	
Kelantan	0	13,302	1,468	285	58	0	0	78	273	283	0	769	0	0	0	0	45,832	2,295	0	0	8,346	0	0	0	0	13,840	
Terengganu	4,329	15,528	1,709	35	264	0	15,040	4,920	2,205	1,076	1,583	2,561	0	0	0	0	28,606	3,913	0	22,673	89,676	0	0	0	0	0	
Pahang	27,454	19,495	5,522	3,139	2,373	0	924	270	4,431	273	0	1,466	157	483	0	0	74,357	1,182	0	8,497	11,120	0	0	0	0	0	
Johor Timur/ East Johor	10,480	8,447	3,593	2,912	888	0	471	323	2,041	432	0	0	0	0	0	0	53,612	0	1,508	1,332	10,056	11,104	0	0	0	7,554	

* GRT - Gross Registered Tonnage

JADUAL (TABLE) 5.2

SEMANANGJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN HARI MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1995
FISHING EFFORT:NUMBER OF FISHING DAYS BY TYPE OF GEAR AND STATE, 1995

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Net					Pukat Tarik (Seine Net)										Pukat Hanyut Drift/ Gill Net	Pukat Tangguk Lift Net	Perangkap-Perangkap Trap		Pancing Hook & Line	Pukat Bakul Bag Net	Pukat Rentang Barrier Net	Pukat Surung Push/ Scoop Net	Memungut Siput Shellfish Collection	Rampaiian Miscellaneous		
						Pukat Jerut Ikan Purse Seine-Fish					Pukat Jerut Bilis Purse Seine-Anchovy							Lain-Lain Tarik Other Seine	Belat-Belat Stationary							Bubu Portable	
	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above												
Negeri/State																											
Perlis	6,912	34,819	21,127	1,229	398	0	0	10,152	10,824	4,989	0	0	0	0	0	0	117,261	0	0	0	0	0	0	1,960	2,794	5,970	
Kedah	65,410	43,939	52,382	29,325	2,475	0	0	0	1,958	409	0	0	0	222	10,323	12,160	301,465	0	0	0	10,538	28,920	3,102	16,984	1,337	30,269	
P.Pinang	0	0	21,844	3,598	291	0	197	1,546	1,733	74	0	0	0	0	0	32,104	413,862	0	0	993	16,998	7,449	20,773	2,190	413	3,425	
Perak	30,089	265,602	32,951	63,542	15,134	92	886	248	7,707	134	0	0	0	3,855	0	96,695	333,971	0	0	11,427	30,285	24,994	27,412	50,214	4,139	50,079	
Selangor	29,181	76,938	36,378	21,390	142	0	0	144	2,194	0	0	0	0	0	0	2,268	246,461	0	4,218	6,182	33,505	34,383	6,008	14,882	9,345	1,877	
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	601	31,757	0	0	334	2,784	0	0	0	388	0	
Melaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	771	110,785	0	301	0	18,008	0	0	16,960	1,512	0	
Johor Barat/ West Johor	12,040	49,492	957	0	0	0	0	0	0	0	0	0	0	0	0	0	403,125	0	11,673	44,618	2,730	5,208	1,318	2,396	0	28,257	
Kelantan	0	13,644	6,197	3,324	1,112	0	0	288	1,137	1,496	0	769	0	0	0	0	49,635	2,579	0	0	17,890	0	0	0	0	13,840	
Terengganu	4,259	21,297	7,369	283	2,898	0	15,583	6,691	4,170	5,953	1,583	2,561	0	0	0	0	28,626	4,842	0	32,003	117,442	0	0	0	0	0	
Pahang	27,454	23,206	19,983	17,301	15,755	0	924	271	4,431	952	0	1,466	157	483	0	0	74,357	1,182	0	9,541	18,283	0	0	0	0	0	
Johor Timur/ East Johor	11,368	10,181	17,366	17,829	6,684	0	605	357	2,718	2,285	0	0	0	0	0	0	56,023	0	1,820	4,590	15,101	11,104	0	0	0	7,554	

* GRT - Gross Registered Tonnage

JADUAL (TABLE) 5.3

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN KALI MEMUKAT IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1995
FISHING EFFORT: NUMBER OF HAULS BY TYPE OF GEAR AND STATE, 1995

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Net					Pukat Tarik (Seine Net)										Pukat Hanyut Drift/ Gill Net	Pukat Tangguk Lift Net	Perangkap- Perangkap Trap		Pancing Hook & Line	Pukat Bakul Bag Net	Pukat Rentang Barrier Net	Pukat Surung Push/ Scoop	Memungut Siput Shellfish Collection	Rampaian Miscell- aneous	
						Pukat Jerut Ikan Purse Seine-Fish					Pukat Jerut Bilis Purse Seine-Anchovy							Lain- Lain Tarik Other Seine	Belat- Belat Station- ary							Bubu Portable
	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above											
Negeri/State																										
Perlis	13,896	169,680	34,151	2,199	577	0	0	22,278	21,586	7,100	0	0	0	0	0	271,870	0	0	0	0	0	0	0	0	8,880	
Kedah	174,025	131,752	200,185	99,535	6,816	0	0	0	4,059	288	0	0	0	520	20,679	121,660	522,008	0	0	0	0	51,248	3,136	34,228	167,526	30,241
P.Pinang	0	0	66,024	13,545	1,038	0	591	4,638	1,763	76	0	0	0	0	0	503,129	1,484,530	0	0	992	16,940	14,838	20,805	7,570	412	3,440
Perak	85,614	792,648	130,836	231,003	49,974	736	5,649	600	18,690	74	0	0	0	55,536	0	201,488	951,597	0	0	0	0	24,557	27,412	294,357	0	0
Selangor	73,247	234,297	117,072	55,428	397	0	0	395	5,715	0	0	0	0	0	0	43,040	663,712	0	8,303	8,806	319,721	137,532	6,008	187,912	340,056	7,576
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,730	57,437	0	0	942	2,480	0	0	0	0	0
Melaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,505	134,431	0	301	0	22,553	0	0	33,920	0	0
Johar Barat/ West Johar	23,698	98,917	1,908	0	0	0	0	0	0	0	0	0	0	0	0	0	1,104,426	0	23,357	6,608	2,703	12,291	1,320	39,938	0	0
Kelantan	0	52,203	28,450	13,046	2,618	0	0	554	2,363	3,515	0	3,715	0	0	0	0	268,416	11,815	0	0	0	0	0	0	0	85,020
Terengganu	14,287	114,336	27,091	914	9,245	0	45,120	17,697	14,003	10,712	4,761	7,585	0	0	0	0	124,143	15,228	0	0	253	0	0	0	0	0
Pahang	81,411	68,028	75,662	58,473	53,779	0	2,772	786	15,753	791	0	4,232	445	1,449	0	0	223,071	3,546	0	0	0	0	0	0	0	0
Johar Timur/ East Johor	31,963	32,412	70,619	69,279	22,807	0	1,074	644	4,278	3,861	0	0	0	0	0	0	191,425	0	1,512	1,311	0	11,193	0	0	0	0

* GRT - Gross Registered Tonnage

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA PURATA IKAN DIPANTAI MENGIKUT BULAN, 1995
MONTHLY AVERAGE EX-VESSEL PRICES OF FRESH FISH, 1995
Harga Dalam RM/Kg/Prices At RM/Kg

JADUAL (TABLE) 6.1

Jenis-Jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata, 1995 Average, 1995
Bawal Putih	15.49	16.34	14.27	14.29	15.54	14.91	16.00	15.30	14.65	15.67	15.66	16.51	15.39
Bawal Hitam	8.18	7.59	7.56	7.38	7.20	7.17	7.19	7.14	7.07	7.60	7.21	7.80	7.42
Kerapu	9.47	10.26	2.27	9.01	9.03	8.68	8.85	8.86	9.19	9.75	9.59	9.89	8.74
Tenggiri	8.73	8.70	8.47	7.54	7.66	7.99	7.84	7.96	8.02	8.40	8.73	8.84	8.24
Jenahak	9.90	10.49	9.91	9.29	9.29	8.53	8.06	8.84	9.30	8.23	9.62	8.99	9.20
Merah	5.95	5.85	5.75	5.44	5.63	5.48	5.66	5.64	5.84	5.74	6.33	6.39	5.81
Kaci	3.42	3.34	3.08	3.30	2.91	3.06	3.21	3.19	2.85	3.09	3.35	3.62	3.20
Cermin	3.99	4.11	4.15	3.56	3.71	3.71	3.74	3.74	3.89	3.38	3.81	4.18	3.83
Gelama	1.96	1.91	1.76	1.84	1.71	1.56	1.66	1.72	1.77	1.64	1.75	1.83	1.76
Kembong	3.09	2.93	2.95	2.33	2.18	2.30	2.49	2.68	2.60	2.71	3.29	3.47	2.75
Kerisi	2.53	2.34	2.27	2.31	2.14	2.30	2.21	2.29	2.24	2.49	2.66	2.68	2.37
Selayang	1.26	1.08	0.89	0.86	0.91	0.88	0.89	0.96	0.92	0.91	1.10	1.26	0.99
Tamban	1.04	1.00	1.07	0.81	0.85	0.74	0.76	0.85	0.88	0.80	0.90	0.96	0.89
Selar/Pelata	2.59	2.42	2.49	2.13	2.29	2.09	2.07	2.32	2.20	2.20	2.36	2.75	2.33
Sotong	3.49	3.51	3.16	2.92	3.04	3.20	2.99	3.10	3.04	3.01	3.09	3.02	3.13
Aya/Tongkol	2.25	2.31	2.18	2.12	2.14	2.05	2.05	2.28	2.39	2.44	2.54	2.89	2.30
Udang Putih	23.65	22.89	21.66	20.75	20.59	20.06	19.95	19.74	20.10	19.84	20.21	20.40	20.82
Udang Harimau	26.57	27.33	24.37	24.42	24.19	21.90	21.46	21.52	21.43	22.60	23.72	21.04	23.38
Lain-Lain Udang	6.52	6.98	6.19	6.40	6.59	6.32	6.48	7.12	7.55	7.15	7.26	8.32	6.91

MALAYSIA
SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI, 1989-1993
ANNUAL SERIES OF MARINE FISH LANDINGS AND VALUES, 1989-1993

JADUAL (TABLE) 8.1

NEGERI/STATE	1989		1990		1991		1992		1993	
	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM
Pantai Barat (West Coast):										
Perlis	42,360	63,423,110	46,206	85,476,249	33,127	70,416,653	60,673	178,872,470	46,229	98,725,990
Kedah	75,615	109,581,375	86,408	137,585,130	54,888	106,256,917	62,555	132,489,220	72,733	147,442,200
Pulau Pinang/Penang	38,624	74,742,732	52,278	90,541,037	28,416	88,859,213	33,752	104,256,690	33,768	111,370,120
Perak	198,974	355,271,992	219,044	362,321,264	181,234	329,993,401	201,852	410,777,990	179,406	420,014,514
Selangor	112,646	143,954,783	86,966	141,450,098	83,945	181,369,632	98,727	211,912,830	89,677	187,182,530
Negeri Sembilan	221	1,322,125	349	1,761,108	378	2,410,944	413	3,269,270	613	3,893,850
Melaka/Malacca	1,989	10,228,601	2,363	11,680,784	2,053	12,502,349	2,378	17,229,800	1,996	11,568,090
Johor Barat/West Johore	18,905	48,728,895	16,857	51,908,380	17,859	55,755,913	13,645	61,143,640	22,093	78,494,520
Jumlah Kecil/Sub-Total:	489,334	807,253,613	510,471	882,724,050	401,900	847,565,022	473,995	1,119,951,910	446,515	1,058,691,814
Pantai Timur (East Coast):										
Kelantan	32,982	68,109,650	31,557	54,965,632	25,706	52,378,889	24,035	50,261,180	38,262	57,851,770
Terengganu	78,815	169,676,643	97,237	189,605,540	101,457	220,394,790	87,443	215,357,200	113,292	300,566,410
Pahang	68,730	94,653,071	105,369	131,313,709	108,860	154,471,697	111,452	201,107,570	126,667	205,326,206
Johor Timur/East Johore	77,023	94,161,564	75,269	92,338,687	71,664	99,495,378	70,607	112,184,220	66,882	98,835,170
Jumlah Kecil/Sub-Total:	257,550	426,600,928	309,432	468,223,568	307,687	526,740,754	293,537	578,910,170	345,103	662,579,556
Sarawak	84,356	224,540,000	78,878	358,191,660	86,607	193,327,269	88,241	223,589,630	81,924	233,752,660
Sabah	44,000	186,231,000	44,760	230,035,108	108,464	266,899,225	148,000	410,689,270	154,667	374,344,220
W.P. Labuan	7,252	21,195,567	7,766	21,420,888	7,275	18,393,973	19,743	46,814,920	19,141	49,244,850
Jumlah Kecil/Sub-Total:	135,608	431,966,567	131,404	609,647,656	202,346	478,620,467	255,984	681,093,820	255,732	657,341,730
Jumlah Besar/Grand-Total:	882,492	1,665,821,108	951,307	1,960,595,274	911,933	1,852,926,243	1,023,516	2,379,955,900	1,047,350	2,378,613,100

MALAYSIA
NILAI HARGA BORONG PENDARATAN IKAN LAUT, 1995
WHOLESALE VALUE OF MARINE FISH LANDINGS, 1995

JADUAL (TABLE) 7.1

Negeri/State	Gred I Grade I		Gred II Grade II		Gred III Grade III		Udang Prawn		Ikan Boja Manure Fish		Kerang-Kerangan Shellfish		Jumlah Total	
	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM
Perlis	1,340	10,828,760	707	2,884,560	31,886	78,643,157	1,720	17,514,619	4,018	1,092,960	4,797	10,039,579	44,468	121,003,635
Kedah	1,297	14,710,099	674	3,235,200	53,198	111,224,524	4,743	42,438,153	25,080	6,309,250	1,789	2,433,722	86,781	180,350,948
P. Pinang	1,358	26,797,200	678	3,044,220	26,318	62,039,732	3,462	55,302,498	14,336	5,313,940	25	101,540	46,177	152,599,130
Perak	5,119	48,483,914	3,250	15,405,000	106,461	259,623,804	27,197	196,060,753	72,079	22,349,760	1,431	1,816,078	215,537	543,739,309
Selangor	3,761	44,273,347	675	2,855,250	32,911	104,720,871	18,776	75,284,969	47,774	15,293,760	7,208	9,522,675	111,105	251,950,872
Negeri Sembilan	109	1,315,820	30	185,400	301	841,340	70	1,642,314	0	0	2	4,063	512	3,988,937
Melaka	407	5,519,715	43	313,040	1,103	2,886,772	357	3,589,300	0	0	23	65,146	1,933	12,373,973
Johor Barat/ West Johor	2,275	29,237,961	273	2,006,550	8,872	18,382,602	5,898	53,158,900	4,987	1,592,000	0	0	22,305	104,378,013
Jumlah Kecil	15,666	181,166,816	6,330	29,929,220	261,050	638,362,802	62,223	444,991,506	168,274	51,951,670	15,275	23,982,803	528,818	1,370,384,817
Kelantan	406	3,029,196	653	2,899,320	17,055	37,542,259	563	6,294,678	6,761	1,350,000	8	15,570	25,446	51,131,023
Terengganu	1,733	17,557,819	1,991	14,753,310	71,160	192,886,328	642	7,629,331	5,040	1,106,380	0	0	80,566	233,933,168
Pahang	1,936	13,670,129	1,701	6,855,030	51,368	129,858,128	2,579	28,124,847	68,418	12,969,970	0	0	126,002	191,478,104
Johor Timur/ East Johor	1,177	8,817,000	1,440	7,372,800	24,914	60,958,450	4,055	19,507,898	27,046	4,317,760	0	0	58,632	100,973,908
Jumlah Kecil	5,252	43,074,144	5,785	31,880,460	164,497	421,245,165	7,839	61,556,754	107,265	19,744,110	8	15,570	290,646	577,516,203
Sarawak	6,416	44,479,262	4,523	24,343,043	50,942	110,777,481	10,198	55,640,205	27,121	7,402,806	55	130,008	99,255	242,772,805
Sabah	15,866	101,559,190	8,612	34,295,550	115,793	221,283,210	12,398	100,355,410	13,149	1,605,480	644	1,892,800	166,462	460,991,640
W.P. Labuan/ Labuan F. Territory	1,998	9,746,177	1,999	7,549,076	15,542	32,053,806	830	9,529,461	2,886	361,680	0	0	23,255	59,240,200
Jumlah Kecil	24,280	155,784,629	15,134	66,187,669	182,277	364,114,497	23,426	165,525,076	43,156	9,369,966	699	2,022,808	288,972	763,004,645
JUMLAH/TOTAL	45,198	380,025,589	27,249	127,997,349	607,824	1,423,722,464	93,488	672,073,336	318,695	81,065,746	15,982	26,021,181	1,108,436	2,710,905,665

NOTA/NOTE:

Gred I - Termasuk Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin/Kurau, Tenggiri, Parang, Kerapu dan Jenahak.

(Grade I) - Includes Chinese Pomfret, Silver Pomfret, Black Pomfret, Threadfin, Spanish Mackerel, Wolf Herring, Grouper and Mangrove Snapper.

Gred II - Termasuk Terubuk, Puput, Merah, Kaci, Cermin, Demuduk dan Siakap.

(Grade II) - Includes Longtail Shad, Shads, Red Snapper, Sweetlip, Horse Mackerel and Giant Sea Perch.

Gred III - Lain-lain Ikan Termasuk Ikan Bilis, Sotong, Ketam dan Ubor-ubor.

(Grade III) - Other Species Including Anchovy, Squids, Crabs and Jellyfish

MALAYSIA
NILAI HARGA RUNCIT PENDARATAN IKAN LAUT, 1995
RETAIL VALUE OF MARINE FISH LANDINGS, 1995

JADUAL (TABLE) 7.2

Negeri/State	Gred I Grade 1		Gred II Grade 11		Gred III Grade 111		Udang Prawn		Ikan Baja Manure Fish		Kerang-Kerangan Shellfish		Jumlah Total	
	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM
Perlis	1,340	12,493,064	707	3,457,230	31,886	98,861,840	1,720	19,784,940	4,018	1,092,960	4,797	13,623,000	44,468	149,313,034
Kedah	1,297	16,646,191	674	4,165,320	53,198	149,882,460	4,743	48,633,600	25,080	7,823,470	1,789	3,409,550	86,781	230,560,591
P. Pinang	1,358	29,030,368	678	3,505,260	26,318	78,861,000	3,462	59,944,430	14,336	5,313,940	25	104,250	46,177	176,759,248
Perak	5,119	60,885,691	3,250	20,280,000	106,461	370,331,160	27,197	241,727,990	72,079	29,559,360	1,431	3,015,840	215,537	725,800,041
Selangor	3,761	50,978,550	675	3,429,000	32,911	139,731,480	18,776	87,106,720	47,774	17,205,480	7,208	12,470,510	111,105	310,921,740
Negeri Sembilan	109	1,503,623	30	220,200	301	1,159,350	70	1,851,500	0	0	2	4,170	512	4,738,843
Melaka	407	6,392,082	43	357,330	1,103	3,362,240	357	4,093,150	0	0	23	77,220	1,933	14,282,022
Johor Barat/ West Johor	2,275	33,295,013	273	2,470,650	8,872	24,836,580	5,898	62,445,600	4,987	1,592,000	0	0	22,305	124,639,843
Jumlah Kecil	15,666	211,224,582	6,330	37,884,990	261,050	867,026,110	62,223	525,587,930	168,274	62,587,210	15,275	32,704,540	528,818	1,737,015,362
Kelantan	406	3,517,160	653	3,480,490	17,055	51,021,360	563	6,993,600	6,761	1,350,000	8	17,370	25,446	66,379,980
Terengganu	1,733	19,849,625	1,991	16,863,770	71,160	247,682,040	642	8,537,600	5,040	1,558,990	0	0	80,566	294,492,025
Pahang	1,936	19,870,142	1,701	10,325,070	51,368	195,294,910	2,579	34,375,280	68,418	12,969,970	0	0	126,002	272,835,372
Johor Timur/ East Johor	1,177	11,197,091	1,440	10,080,000	24,914	90,185,020	4,055	25,212,810	27,046	4,317,760	0	0	58,632	140,992,681
Jumlah Kecil	5,252	54,434,018	5,785	40,749,330	164,497	584,183,330	7,839	75,119,290	107,265	20,196,720	8	17,370	290,646	774,700,058
Sarawak	6,416	60,669,545	4,523	36,858,104	50,942	190,429,352	10,198	84,180,162	27,121	15,352,113	55	279,988	99,255	387,769,264
Sabah	15,866	137,720,590	8,612	47,383,900	115,793	312,614,280	12,398	121,660,030	13,149	1,605,480	644	1,975,640	166,462	622,959,920
W.P. Labuan/ Labuan F. Territory	1,998	15,860,815	1,999	11,057,536	15,542	65,028,318	830	11,842,265	2,886	361,680	0	0	23,255	104,150,614
Jumlah Kecil	24,280	214,250,950	15,134	95,299,540	182,277	568,071,950	23,426	217,682,457	43,156	17,319,273	699	2,255,628	288,972	1,114,879,798
JUMLAH/TOTAL	45,198	479,909,550	27,249	173,933,860	607,824	2,019,281,390	93,488	818,389,677	318,695	100,103,203	15,982	34,977,538	1,108,436	3,626,595,218

NOTA/NOTE:

Gred I - Termasuk Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin/Kurau, Tenggiri, Parang, Kerapu dan Jenahak.

(Grade 1) - Includes Chinese Pomfret, Silver Pomfret, Black Pomfret, Threadfin, Spanish Mackerel, Wolf Herring, Grouper and Mangrove Snapper.

Gred II - Termasuk Terubuk, Puput, Merah, Kaci, Cermin, Demuduk dan Siakap.

(Grade 11) - Includes Longtail Shad, Shads, Red Snapper, Sweetlip, Horse Mackerel and Giant Sea Perch.

Gred III - Lain-lain Ikan Termasuk Ikan Bilis, Satong, Ketam dan Ubor-ubor.

(Grade 111) - Other Species Including Anchovy, Squid, Crabs and Jellyfish.

SEMENANJUNG MALAYSIA / PENINSULAR MALAYSIA
NILAI PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED IKAN, 1995
VALUE OF MARINE FISH LANDINGS BY GEAR GROUP AND GRADE OF FISH, 1995

JADUAL (TABLE) 7.3

Pendaratan dan Nilai <i>Landings and Values</i>		Pukat Tunda <i>Trawl Nets</i>	Pukat Tarik/Purse Seine		Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap/Traps		Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Sliput <i>Shellfish Collection</i>	Rampaian <i>Miscellaneous</i>	Jumlah <i>Total</i>
			Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>				Belat-Belat <i>Stationary</i>	Bubu <i>Portable</i>							
Gred I <i>(Grade I)</i>	Tonnes	10,929	1,076	10	2	6,514	3	35	378	1,955	13	3	0	0	0	20,918
	N.B.RM	117,158,880	11,534,720	107,200	21,440	69,830,080	32,160	375,200	4,052,160	20,957,600	139,360	32,160	0	0	0	224,240,960
	N.R.RM	138,798,300	13,665,200	127,000	25,400	82,727,800	38,100	444,500	4,800,600	24,828,500	165,100	38,100	0	0	0	265,658,600
Gred II <i>(Grade II)</i>	Tonnes	6,058	450	36	3	3,992	0	4	447	1,094	2	29	0	0	0	12,115
	N.B.RM	30,907,391	2,295,861	183,669	15,306	20,366,838	0	20,407	2,280,555	5,581,493	10,204	147,956	0	0	0	61,809,680
	N.R.RM	39,320,405	2,920,796	233,664	19,472	25,910,706	0	25,963	2,901,324	7,100,780	12,981	188,229	0	0	0	78,634,320
Gred III <i>(Grade III)</i>	Tonnes	184,823	121,152	19,432	517	71,537	5,427	334	6,745	10,618	3,359	988	21	0	594	425,547
	N.B.RM	460,209,270	301,668,480	48,385,680	1,287,330	178,127,130	13,513,230	831,660	16,795,050	26,438,820	8,363,910	2,460,120	52,290	0	1,479,060	1,059,612,030
	N.R.RM	630,289,141	413,156,317	66,267,611	1,763,089	243,957,702	18,507,324	1,139,017	23,002,009	36,209,834	11,454,966	3,369,308	71,615	0	2,025,677	1,451,213,610
Udang <i>(Prawn)</i>	Tonnes	30,639	8	0	9,351	8,091	0	2,204	0	0	16,488	135	3,078	0	68	70,062
	N.B.RM	221,519,970	57,840	0	67,607,730	58,497,930	0	15,934,920	0	0	119,208,240	976,050	22,253,940	0	491,640	506,548,260
	N.R.RM	262,696,876	68,591	0	80,174,891	69,371,730	0	18,896,959	0	0	141,367,084	1,157,482	26,390,580	0	583,027	600,707,220
Ikan Baja <i>(Manure Fish)</i>	Tonnes	256,366	3,952	129	6,214	3,931	0	19	0	0	3,286	943	699	0	0	275,539
	N.B.RM	66,706,928	1,028,318	33,566	1,616,895	1,022,854	0	4,944	0	0	855,024	245,370	181,881	0	0	71,695,780
	N.R.RM	77,023,525	1,187,353	38,757	1,866,957	1,181,044	0	5,708	0	0	987,258	283,318	210,010	0	0	82,783,930
Kerang- Kerangan <i>(Shellfish)</i>	Tonnes	9	0	0	0	0	0	0	0	0	0	0	0	15,274	0	15,283
	N.B.RM	14,130	0	0	0	0	0	0	0	0	0	0	0	23,980,180	0	23,994,310
	N.R.RM	19,267	0	0	0	0	0	0	0	0	0	0	0	32,698,473	0	32,717,740
JUMLAH TOTAL	Tonnes	488,824	126,638	19,607	16,087	94,065	5,430	2,596	7,570	13,667	23,148	2,098	3,798	15,274	662	819,464
	N.B.RM	896,516,569	316,585,219	48,710,115	70,548,701	327,844,832	13,545,390	17,167,131	23,127,765	52,977,913	128,576,738	3,861,656	22,488,111	23,980,180	1,970,700	1,947,901,020
	N.R.RM	1,148,147,514	430,998,257	66,667,032	83,849,809	423,148,982	18,545,424	20,512,147	30,703,933	68,139,114	153,987,389	5,036,437	26,672,205	32,698,473	2,608,704	2,511,715,420

N.B.RM - Nilai Harga Borong Dalam Ringgit Malaysia/Wholesale Value In Ringgit Malaysia
N.R.RM - Nilai Harga Runcit Dalam Ringgit Malaysia/Retail Value In Ringgit Malaysia

NOTA/NOTE:

Gred 1 - Termasuk Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin/Kurau, Tenggil, Parang, Kerapu dan Jenahak.
(Grade 1) - Includes Chinese Pomfret, Silver Pomfret, Black Pomfret, Threadfin, Spanish Mackerel, Wolf Herring, Grouper and Mangrove Snapper.
Gred 11 - Termasuk Terubuk, Pupuk, Merah, Kaci, Cermin, Demuduk dan Siakap.
(Grade 11) - Includes Longtail Shad, Shads, Red Snapper, Sweetlip, Horse Mackerel, and Giant Sea Perch.
Gred 111 - Lain-lain Ikan Termasuk Ikan Bilis, Sotong, Ketam dan Ubor-ubor.
(Grade 111) - Other Species Including Anchovy, Squid, Crabs and Jellyfish.

MALAYSIA
SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI, 1991-1995
ANNUAL SERIES OF MARINE FISH LANDINGS AND VALUES, 1991-1995

JADUAL (TABLE) 8.1

NEGERI/STATE	1991		1992		1993		1994		1995	
	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM
Pantai Barat (West Coast):										
Perlis	33,127	70,416,653	60,673	178,872,470	46,229	98,725,990	36,691	100,676,227	44,468	121,003,635
Kedah	54,888	106,256,917	62,555	132,489,220	72,733	147,442,200	72,633	157,914,439	86,781	180,350,948
Pulau Pinang/Penang	28,416	88,859,213	33,752	104,256,690	33,768	111,370,120	40,998	132,105,802	46,177	152,599,130
Perak	181,234	329,993,401	201,852	410,777,990	179,406	420,014,514	196,145	474,403,000	215,537	543,739,309
Selangor	83,945	181,369,632	98,727	211,912,830	89,677	187,182,530	92,873	196,980,803	111,105	251,950,872
Negeri Sembilan	378	2,410,944	413	3,269,270	613	3,893,850	561	4,840,936	512	3,988,937
Melaka/Malacca	2,053	12,502,349	2,378	17,229,800	1,996	11,568,090	1,677	11,409,862	1,933	12,373,973
Johor Barat/West Johore	17,859	55,755,913	13,645	61,143,640	22,093	78,494,520	18,724	86,193,683	22,305	104,378,013
Jumlah Kecil/Sub-Total:	401,900	847,565,022	473,995	1,119,951,910	446,515	1,058,691,814	460,302	1,164,524,752	528,818	1,370,384,817
Pantai Timur (East Coast):										
Kelantan	25,706	52,378,889	24,035	50,261,180	38,262	57,851,770	33,086	59,827,474	25,446	51,131,023
Terengganu	101,457	220,394,790	87,443	215,357,200	113,292	300,566,410	109,509	320,540,997	80,566	233,933,168
Pahang	108,860	154,471,697	111,452	201,107,570	126,667	205,326,206	111,538	196,904,975	126,002	191,478,104
Johor Timur/East Johore	71,664	99,495,378	70,607	112,184,220	66,882	98,835,170	70,644	114,570,301	58,632	100,973,908
Jumlah Kecil/Sub-Total:	307,687	526,740,754	293,537	578,910,170	345,103	662,579,556	324,777	691,843,747	290,646	577,516,203
Sarawak	86,607	193,327,269	88,241	223,589,630	81,924	233,752,660	95,624	276,951,710	99,255	242,772,805
Sabah	108,464	266,899,225	148,000	410,689,270	154,667	374,344,220	160,328	398,959,010	166,462	460,991,640
W.P. Labuan	7,275	18,393,973	19,743	46,814,920	19,141	49,244,850	24,554	52,015,557	23,255	59,240,200
Jumlah Kecil/Sub-Total:	202,346	478,620,467	255,984	681,093,820	255,732	657,341,730	280,506	727,926,277	288,972	763,004,645
Jumlah Besar/Grand-Total:	911,933	1,852,926,243	1,023,516	2,379,955,900	1,047,350	2,378,613,100	1,065,585	2,584,294,776	1,108,436	2,710,905,665

MALAYSIA
KUANTITI DAN PERATUS PENDARATAN SERTA NILAI IKAN LAUT MENGIKUT NEGERI 1995
QUANTITY AND PERCENTAGE OF LANDINGS AND VALUES OF MARINE FISH BY STATE 1995

JADUAL (TABLE) 9.1

Negeri /State	Kuantiti Pendaratan Dalam Tan M Quantity Of Landings (Tonnes)	Peratus Percentage %	Nilai Dalam RM Values In RM	Peratus Percentage %
Pantai Barat (West Coast):				
Perlis	44,468	4.01	121,003,635	4.46
Kedah	86,781	7.83	180,350,948	6.65
Pulau Pinang/Penang	46,177	4.17	152,599,130	5.63
Perak	215,537	19.44	543,739,309	20.06
Selangor	111,105	10.02	251,950,872	9.29
Negeri Sembilan	512	0.05	3,988,937	0.15
Melaka/Malacca	1,933	0.17	12,373,973	0.46
Johor Barat/West Johore	22,305	2.01	104,378,013	3.85
Pantai Timur/East Coast:				
Kelantan	25,446	2.30	51,131,023	1.89
Terengganu	80,566	7.27	233,933,168	8.63
Pahang	126,002	11.37	191,478,104	7.06
Johor Timur/East Johore	58,632	5.29	100,973,908	3.72
Sarawak	99,255	8.95	242,772,805	8.96
Sabah	166,462	15.02	460,991,640	17.00
W.P. Labuan	23,255	2.10	59,240,200	2.19
Jumlah / Total	1,108,436	100.00	2,710,905,665	100.00

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENGUNAAN PENDARATAN IKAN LAUT, 1995
DISPOSITION OF MARINE FISH LANDINGS, 1995

JADUAL (TABLE) 10.1

Aliran Penggunaan Disposition Channel	Pantai Barat / West Coast								Jumlah Kecil Sub-Total	Pantai Timur / East Coast				Jumlah Kecil Sub-Total	Jumlah Besar Grand-Total
	Perlis	Kedah	P.Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat West Johor		Kelantan	Terengganu	Pahang	Johor Timur East Johor		
Digunakan secara hidup Disposed alive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digunakan secara basah Disposed fresh	44,180	45,021	43,415	124,445	69,262	512	1,486	20,634	348,955	24,233	70,567	116,917	51,245	262,962	611,917
Digunakan untuk dibeku Disposed for freezing	0	0	0	1,406	0	0	0	0	1,406	0	0	0	0	0	1,406
Digunakan untuk mengetin Disposed for canning	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
Digunakan untuk diawetkan: Disposed for curing:															
Kering/Masin/Diasap Dried / Salted / Smoked	55	16,167	921	6,014	2,871	0	94	1,396	27,518	846	2,599	709	0	4,154	31,672
Rebus Steamed / Boiled	0	0	0	633	0	0	0	0	633	0	0	0	0	0	633
Diragikan Fermented	28	1,968	170	10,548	9,372	0	345	275	22,706	110	218	1,602	453	2,383	25,089
Lain-Lain Others	0	85	0	447	0	0	8	0	540	257	7,182	1,305	215	8,959	9,499
Digunakan untuk mengubahkan Disposed for reduction	0	23,502	1,308	54,034	29,539	0	0	0	108,383	0	0	4,400	6,719	11,119	119,502
Digunakan untuk lain-lain Disposed for others	205	38	363	18,010	61	0	0	0	18,677	0	0	1,069	0	1,069	19,746
Jumlah (Tan Metrik) Total (Tonnes)	44,468	86,781	46,177	215,537	111,105	512	1,933	22,305	528,818	25,446	80,566	126,002	58,632	290,646	819,464

Nota: Na: Tiada maklumat
Not available

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENGUNAAN PENDARATAN IKAN LAUT, 1996
DISPOSITION OF MARINE FISH LANDINGS, 1996

JADUAL (TABLE) 10.1

Aliran Penggunaan Disposition Channel	Pantai Barat / West Coast								Jumlah Kecil Sub-Total	Pantai Timur / East Coast				Jumlah Kecil Sub-Total	Jumlah Besar Grand-Total
	Perlis	Kedah	P.Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat West Johor		Kelantan	Terengganu	Pahang	Johor Timur East Johor		
Digunakan secara hidup Disposed alive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digunakan secara basah Disposed fresh	44,469	65,964	36,584	185,923	91,840	385	1,826	22,813	449,804	32,087	83,989	99,268	52,009	267,353	717,157
Digunakan untuk dibeku Disposed for freezing	0	0	0	1,406	0	0	0	0	1,406	0	0	0	0	0	1,406
Digunakan untuk mengetin Disposed for canning	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
Digunakan untuk diawetkan: Disposed for curing:															
Kering/Masin/Diasap Dried/Salted/Smoked	29	4,318	516	2,576	1,336	0	45	51	8,871	415	892	165	0	1,472	10,343
Rebus Steamed/Boiled	0	0	0	1,656	0	0	0	0	1,656	0	0	0	0	0	1,656
Diragikan Fermented	36	1,455	36	6,806	4,494	0	57	220	13,104	67	238	720	270	1,295	14,399
Lain-Lain Others	0	75	0	237	0	0	0	7	319	160	7,048	624	192	8,024	8,343
Digunakan untuk mengubahkan Disposed for reduction	0	4,433	273	14,708	12,680	0	0	0	32,094	0	0	5	5,936	5,941	38,035
Digunakan untuk lain-lain Disposed for others	229	24	203	11,767	18	0	0	0	4,077	0	0	4,077	0	4,077	8,154
Jumlah (Tan Metrik) Total (Tonnes)	44,763	76,269	37,612	225,079	110,368	385	1,928	23,091	511,381	32,729	92,167	104,859	58,407	288,162	799,493
	44,763	76,269	37,612												807,657

Nota: Na: Tiada maklumat
Not available

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENGUNAAN PENDARATAN IKAN LAUT, 1996
DISPOSITION OF MARINE FISH LANDINGS, 1996

JADUAL (TABLE) 10.1

Aliran Penggunaan <i>Disposition Channel</i>	Pantai Barat / West Coast								Jumlah Kecil <i>Sub-Total</i>	Pantai Timur / East Coast				Jumlah Kecil <i>Sub-Total</i>	Jumlah Besar <i>Grand-Total</i>
	Perlis	Kedah	P.Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat <i>West Johor</i>		Kelantan	Terengganu	Pahang	Johor Timur <i>East Johor</i>		
Digunakan secara hidup <i>Disposed alive</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digunakan secara basah <i>Disposed fresh</i>	44,272	39,281	35,093	123,615	41,711	385	1,670	22,147	308,174	31,452	78,711	95,357	33,528	239,048	547,222
Digunakan untuk dibeku <i>Disposed for freezing</i>	0	0	0	2,420	0	0	0	0	2,420	0	0	0	0	0	2,420
Digunakan untuk mengetin <i>Disposed for canning</i>	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
Digunakan untuk diawetkan: <i>Disposed for curing:</i>															
Kering/Masin/Diasap <i>Dried/Salted/Smoked</i>	48	16,298	978	6,423	4,545	0	74	332	28,698	808	2,182	527	0	3,517	32,215
Rebus <i>Steamed/Boiled</i>	0	0	0	2,070	0	0	0	0	2,070	0	0	0	0	0	2,070
Diragikan <i>Fermented</i>	61	2,803	113	11,712	13,363	0	184	602	28,838	223	431	1,200	842	2,696	31,534
Lain-Lain <i>Others</i>	0	115	0	395	0	0	0	10	520	246	10,843	960	295	12,344	12,864
Digunakan untuk mengubahkan <i>Disposed for reduction</i>	0	17,732	1,090	58,834	50,719	0	0	0	128,375	0	0	21	23,742	23,763	152,138
Digunakan untuk lain-lain <i>Disposed for others</i>	382	40	338	19,610	30	0	0	0	20,400	0	0	6,794	0	6,794	27,194
Jumlah (Tan Metrik) <i>Total (Tonnes)</i>	44,763	76,269	37,612	225,079	110,368	385	1,928	23,091	519,495	32,729	92,167	104,859	58,407	288,162	807,657

Nota: Na: Tiada maklumat
Not available

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SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENGUNAAN PENDARATAN IKAN LAUT, 1997
DISPOSITION OF MARINE FISH LANDINGS, 1997

JADUAL (TABLE) 10.1

Aliran Penggunaan <i>Disposition Channel</i>	Pantai Barat / West Coast								Jumlah Kecil <i>Sub-Total</i>	Pantai Timur / East Coast				Jumlah Kecil <i>Sub-Total</i>	Jumlah Besar <i>Grand-Total</i>
	Perlis	Kedah	P.Pinang	Perak	Selangor	Negeri	Melaka	Johor Barat <i>West</i>		Kelantan	Terengganu	Pahang	Johor Timur <i>East</i>		
Digunakan secara hidup <i>Disposed alive</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digunakan secara basah <i>Disposed fresh</i>	53,763	46,989	35,530	111,701	58,082	377	1,469	13,300	321,211	32,934	124,844	82,416	32,859	273,053	594,264
Digunakan untuk dibeku <i>Disposed for freezing</i>	0	0	0	2,933	0	0	0	0	2,933	0	0	0	0	0	2,933
Digunakan untuk mengetin <i>Disposed for canning</i>	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
Digunakan untuk diawetkan: <i>Disposed for curing:</i>															
Kering/Masin/Diasap <i>Dried/Salted/Smoked</i>	30	16,004	1,147	5,421	6,409	0	74	149	29,234	736	3,218	561	0	4,514	33,748
Rebus <i>Steamed/Boiled</i>	0	0	0	422	0	0	0	0	422	0	0	0	0	0	422
Diragikan <i>Fermented</i>	69	3,169	165	12,572	11,237	0	207	563	27,982	237	625	762	870	2,494	30,476
Lain-Lain <i>Others</i>	3	143	0	480	0	0	0	3	628	229	10,894	1,218	296	12,638	13,266
Digunakan untuk mengubahkan <i>Disposed for reduction</i>	0	21,515	600	49,389	42,652	0	0	0	114,155	0	0	21	23,228	23,249	137,404
Digunakan untuk lain-lain <i>Disposed for others</i>	408	42	90	18,294	28	0	0	0	18,864	0	0	6,196	0	6,196	25,060
Jumlah (Tan Metrik) <i>Total (Tonnes)</i>	54,273	87,863	37,532	201,212	118,408	377	1,750	14,014	515,429	34,136	139,581	91,175	57,253	322,144	837,573

Nota: Na: Tiada maklumat
Not available

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1997

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL LAUT YANG DIAWETKAN, 1997
PROCESSED MARINE FISH PRODUCTS, 1997
(Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 10.2

Negeri State	Ikan Masin/ Ikan Kering Salted/Dried Fish	Bilis Kering Dried Anchovies	Udang Kering Dried Prawn	Sotong Kering Dried Cuttle Fish	Ubur- Ubur (Dried Jelly Fish)	Lala Kering Dried Shell-fish	Ikan Salai Smoked Fish	Ikan Baja Manure Fish	Tepung Ikan Fish Meal	Otak Udang Prawn Paste	Belacan Shrimp Paste	Cincaluk Pickled Prawn Fish	Budu Fermented Anchovies	Bebola Ikan Fish Ball Fish	Kek Ikan Fish Cake Fish	Otak- Otak Fish Paste	Surimi Surimi Fish Ball	Keropok Crackers		Satay Ikan Satay Fish	Sotong Beku Frozen Cuttle- Fish	Udang Beku Frozen Prawn	Ikan Rebus Boiled Fish	JUMLAH Total
																		Ikan Fish	Udang/ Sotong Prawn Cuttle-Fish					
Pantai Barat West Coast																								
Perlis	17.65	-	0.04	-	-	-	-	245.00	-	-	3.10	-	-	5.85	-	-	29.85	1.73	-	-	-	-	-	303.22
Kedah	202.32	3,910.58	6.10	-	-	-	-	25.50	5,378.80	15.80	128.33	-	-	548.00	-	-	1,020.00	82.00	11.00	-	-	-	-	11,328.43
Pulau Pinang	308.10	-	125.10	-	13.35	-	-	54.20	150.00	-	52.80	-	-	-	-	-	-	-	-	-	-	-	-	703.55
Perak	1,215.78	438.34	251.07	-	63.75	-	-	10,977.08	12,347.14	-	931.27	-	-	5,797.17	-	-	-	-	-	287.83	1,154.69	605.08	337.67	34,406.87
Selangor	1,331.62	-	37.07	2.85	216.48	186.54	-	17.05	10,662.89	-	3,061.48	-	-	1,002.13	-	-	-	-	-	-	-	-	-	16,517.91
N. Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Melaka	45.50	-	-	-	-	-	-	-	-	-	37.50	27.00	-	-	-	-	-	-	-	-	-	-	-	110.00
Johor Barat/ West Johor	17.56	1.66	0.10	-	11.26	-	-	-	-	-	144.60	-	-	51.81	5.40	9.40	-	0.00	1.75	-	-	-	-	243.54
Jum. Kecil Sub-Total	3,138.53	4,350.58	419.48	2.85	304.84	186.54	0.00	11,318.83	28,538.83	15.80	4,359.08	27.00	0.00	7,402.96	5.40	9.40	1,049.85	83.73	12.75	287.83	1,154.69	605.08	337.67	63,611.52
Pantai Timur East Coast																								
Kelantan	331.00	46.00	-	-	-	-	-	-	-	-	-	-	71.00	-	-	-	-	149.00	-	-	-	-	-	597.00
Trengganu	815.42	334.20	-	128.80	-	-	2.00	-	-	-	4.00	-	22.50	290.85	31.50	-	-	7,081.05	-	-	-	-	-	8,710.32
Pahang	86.00	104.4	-	-	-	-	-	3,717.83	0.00	-	-	-	-	146.12	140.39	-	171.00	791.90	0.00	-	-	-	-	5,053.24
Johor Timur East Johor	-	-	-	-	-	-	-	-	5,806.95	-	278.35	-	-	-	-	-	-	183.61	8.80	-	-	-	-	6,277.71
Jum. Kecil Sub-Total	1,232.42	380.20	0.00	128.80	0.00	0.00	2.00	3,717.83	5,806.95	0.00	282.35	0.00	93.50	436.97	171.89	0.00	171.00	8,205.56	8.80	0.00	0.00	0.00	0.00	20,638.27
Jumlah Besar Grand-Total	4,370.95	4,730.78	419.48	131.45	304.84	186.54	2.00	15,036.66	34,345.78	15.80	4,641.43	27.00	93.50	7,839.93	177.29	9.40	1,220.85	8,289.29	21.55	287.83	1,154.69	605.08	337.67	84,249.79

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SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL LAUT YANG DIAWETKAN, 1996
PROCESSED MARINE FISH PRODUCTS, 1996
(Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 10.2

Negeri State	Ikan Masin/ Ikan Kering Salted/Dried Fish	Bilis Kering Dried Anchovies	Udang Kering Dried Prawn	Sotong Kering Dried Cuttle Fish	Ubur- Ubur (Dried Jelly Fish)	Lala Kering Dried Shellfish	Ikan Sala Smoked Fish	Ikan Baja Manure Fish	Tepung Ikan Fish Meal	Otak Udang Prawn Paste	Belacan Shrimp Paste	Cincaluk Pickled Prawn Fish	Budu Fermented Anchovies	Bebola Ikan Fish Ball	Bebola Sotong Cuttle- Fish ball	Kek Ikan Fish Cake Fish	Otak- Otak Fish Paste	Surimi Fish Ball	Keropok Crackers		Satay Ikan Satay Fish	Sotong Beku Frozen Cuttle- Fish	Udang Beku Frozen Prawn	Ikan Rebu Boile Fish	JUMLAH Total
																			Ikan Fish	Udang/ Sotong Prawn Cuttle-Fish					
Pantai Barat West Coast																									
Perlis	28.27	-	0.30	-	-	-	-	228.81	-	-	1.32	-	-	5.01	-	-	-	28.30	0.10	-	-	-	-	-	293.21
Kedah	418.22	3,898.34	0.80	-	-	-	-	24.00	4,433.09	18.20	154.79	-	-	297.50	-	-	-	985.00	62.50	12.00	-	-	-	-	10,305.44
Pulau Pinang	485.40	-	50.65	-	-	-	-	203.00	272.50	-	36.03	-	-	-	-	-	-	-	-	-	-	-	-	-	1,027.58
Perak	1,663.40	351.35	561.25	-	-	-	-	11,766.74	14,708.00	-	252.73	-	-	6,553.42	-	-	-	-	-	-	237.33	972.15	480.00	1,656.00	39,202.37
Selangor	945.15	-	12.45	0.29	282.30	95.49	-	18.16	12,679.85	-	4,027.04	-	-	466.96	-	-	-	-	-	-	-	-	-	-	18,527.69
N. Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Malaka	44.50	-	-	-	-	-	-	-	-	-	30.50	28.50	-	-	-	-	-	-	-	-	-	-	-	-	101.50
Johor Barat/ West Johor	20.35	-	2.09	-	28.98	-	-	-	-	-	156.10	4.71	-	46.50	-	1.94	10.61	-	0.80	5.98	-	-	-	-	278.04
Jum. Kecil Sub-Total	3,585.29	4,250.69	627.54	0.29	311.26	95.49	0.00	12,240.81	32,093.44	18.20	4,658.51	31.21	0.00	7,369.39	0.00	1.94	10.61	1,014.30	63.40	17.98	237.33	972.15	480.00	1,656.00	69,735.83
Pantai Timur East Coast																									
Kelantan	364.60	50.00	-	-	-	-	-	-	-	-	-	-	67.00	-	-	-	-	-	159.85	-	-	-	-	-	641.45
Trengganu	575.62	162.20	-	89.30	-	-	65.00	-	-	-	9.90	-	12.03	216.05	-	-	-	-	7,047.70	-	-	-	-	-	8,177.80
Pahang	57.35	107.79	-	-	-	-	-	4,076.64	5.24	-	-	-	-	289.32	10.00	184.47	-	235.98	614.07	10.20	-	-	-	-	5,591.06
Johor Timur East Johor	-	-	-	-	-	-	-	-	5,935.52	-	269.45	-	-	-	-	-	-	-	191.54	-	-	-	-	-	6,396.51
Jum. Kecil Sub-Total	997.57	319.99	0.00	89.30	0.00	0.00	65.00	4,076.64	5,940.76	0.00	279.35	0.00	79.03	505.37	10.00	184.47	0.00	235.98	8,013.16	10.20	0.00	0.00	0.00	0.00	20,806.82
Jumlah Besar Grand-Total	4,582.86	4,570.68	627.54	89.59	311.26	95.49	65.00	16,317.45	38,034.20	18.20	4,937.86	31.21	79.03	7,874.76	10.00	186.41	10.61	1,250.28	8,078.56	28.18	237.33	972.15	480.00	1,656.00	90,542.65

Given
1/8/97

1995

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL LAUT YANG DIAWETKAN, 1995
PROCESSED MARINE FISH PRODUCTS, 1995
(Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 10.2

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Negeri State	Ikan Masin/ Salted/Dried Fish	Bilis Kering Dried Anchovies	Ikan Baja Manure Fish	Tepung Ikan Fish Meal	Udang Kering Dried Prawn	Otak Udang Prawn Paste	Belacan Shrimp Paste	Keropok Crackers Ikan Fish	Udang/Sotong Prawn/Cuttle Fish	Cincaluk Pickled Prawn	Sotong Kering Dried Cuttle Fish	Budu Fermented Anchovies	Ubur- Ubur (Dried Jelly Fish)	Lala Kering Dried Shell-fish	Bebola Ikan Fish Ball	Kek Ikan Fish Cake	Sotong Beku Frozen Cuttle- Fish	Udang Beku Frozen Prawn	Satay Ikan Satay Fish	Ikan Salai Smoked Fish	Otak- Otak Fish Paste	Surimi Surimi	Ikan Rebus Fish Boiled	JUMLAH Total
Pantai Barat West Coast																								
Perlis	32.07	-	123.23	-	0.42	-	0.25	-	-	-	-	-	-	-	2.07	-	-	-	-	-	-	14.48	-	172.52
Kedah	264.80	3,926.11	23.00	5,875.54	5.50	1.90	152.75	44.50	10.60	-	-	-	-	-	187.50	-	-	-	-	-	-	695.50	-	11,187.70
Pulau Pinang	452.00	-	218.00	327.00	42.05	-	54.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,093.40
Perak	1,408.95	391.38	10,806.39	13,508.50	525.00	0.00	564.45	0.00	-	-	-	0.00	-	-	5,270.74	-	723.80	120.00	268.14	-	-	-	506.00	34,093.35
Selangor	331.45	-	36.78	7,384.83	16.30	0.81	2,807.28	-	-	-	-	-	20.10	205.20	354.95	-	-	-	-	-	-	-	-	11,157.70
N. Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Melaka	56.50	0.00	0.00	0.00	0.00	0.00	56.50	0.00	5.00	50.50	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	168.50
Johor Barat/ West Johor	30.01	-	-	-	2.76	-	55.48	0.09	0.00	3.13	-	-	133.52	-	45.35	-	-	-	-	-	9.66	-	-	280.00
Jum. Kecil Sub-Total	2,575.78	4,317.49	11,207.40	27,095.87	592.03	2.71	3,691.06	44.59	15.60	53.63	0.00	0.00	153.62	205.20	5,860.61	0.00	723.80	120.00	268.14	0.00	9.66	709.98	506.00	58,153.17
Pantai Timur East Coast																								
Kelantan	491.95	6.50	-	-	-	-	-	167.15	-	-	-	33.00	-	-	-	-	-	-	-	-	-	-	-	698.60
Trengganu	463.66	288.68	-	-	-	-	4.70	4,668.20	-	-	65.28	21.80	-	-	84.20	-	-	-	-	123.00	-	-	-	5,719.52
Pahang	61.80	139.63	641.39	4,400.28	-	-	-	837.07	11.46	-	11.80	-	-	-	304.77	297.74	0.00	-	-	-	-	358.92	-	7,064.86
Johor Timur East Johor	-	-	-	6,719.26	-	-	451.46	139.67	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	7,311.39
Jum. Kecil Sub-Total	1,017.41	434.81	641.39	11,119.54	0.00	0.00	456.16	5,812.09	11.46	0.00	77.08	54.80	0.00	0.00	389.97	297.74	0.00	0.00	0.00	123.00	0.00	358.92	0.00	20,794.37
Jumlah Besar Grand-Total	3,593.19	4,752.30	11,848.79	38,215.41	592.03	2.71	4,147.22	5,856.68	27.06	53.63	77.08	54.80	153.62	205.20	6,250.58	297.74	723.80	120.00	268.14	123.00	9.66	1,068.90	506.00	78,947.54

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL LAUT YANG DIAWETKAN, 1997
PROCESSED MARINE FISH PRODUCTS, 1997
(Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 10.2

Negeri State	Ikan Masin/ Ikan Kering Salted/Dried Fish	Bilis Kering Dried Anchovies	Udang Kering Dried Prawn	Sotong Kering Dried Cuttle Fish	Ubur- Ubur (Dried Jelly Fish)	Lala Kering Dried Shell-fish	Ikan Salai Smoked Fish	Ikan Baja Manure Fish	Tepung Ikan Fish Meal	Otak Udang Prawn Paste	Belacan Shrimp Paste	Cincaluk Pickled Prawn Fish	Budu Fermented Anchovies	Bebola Ikan Fish Ball Fish	Kek Ikan Fish Cake Fish)	Otak- Otak Fish Paste	Surimi Surimi Fish Ball	Keropok Crackers		Satay Ikan Satay Fish	Sotong Beku Frozen Cuttle- Fish	Udang Beku Frozen Prawn	Ikan Rebus Boiled Fish	JUMLAH Total
																		Ikan Fish	Udang/ Sotong Prawn Cuttle-Fish					
Pantai Barat West Coast																								
Perlis	17.85	-	0.04	-	-	-	-	245.00	-	-	3.10	-	-	5.85	-	-	28.85	1.73	-	-	-	-	-	303.22
Kedah	202.32	3,910.58	6.10	-	-	-	-	25.50	5,378.80	15.80	128.33	-	-	546.00	-	-	1,020.00	82.00	11.00	-	-	-	-	11,326.43
Pulau Pinang	308.10	-	125.10	-	13.35	-	-	54.20	150.00	-	52.80	-	-	-	-	-	-	-	-	-	-	-	-	703.55
Perak	1,215.78	438.34	251.07	-	83.75	-	-	10,977.08	12,347.14	-	931.27	-	-	5,787.17	-	-	-	-	-	287.83	1,154.69	605.08	337.67	34,406.87
Selangor	1,331.82	-	37.07	2.85	216.48	186.54	-	17.05	10,862.88	-	3,061.48	-	-	1,002.13	-	-	-	-	-	-	-	-	-	16,517.91
N. Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Melaka	45.50	-	-	-	-	-	-	-	-	-	37.50	27.00	-	-	-	-	-	-	-	-	-	-	-	110.00
Johor Barat/ West Johor	17.56	1.66	0.10	-	11.26	-	-	-	-	-	144.60	-	-	51.81	5.40	9.40	-	0.00	1.75	-	-	-	-	243.54
Jum. Kecil Sub-Total	3,138.53	4,350.58	419.48	2.65	304.84	186.54	0.00	11,316.83	28,538.83	15.80	4,359.08	27.00	0.00	7,402.86	5.40	9.40	1,049.85	83.73	12.75	287.83	1,154.69	605.08	337.67	63,611.52
Pantai Timur East Coast																								
Kelantan	331.00	48.00	-	-	-	-	-	-	-	-	-	-	71.00	-	-	-	-	149.00	-	-	-	-	-	597.00
Trengganu	815.42	334.20	-	128.80	-	-	2.00	-	-	-	4.00	-	22.50	280.85	31.50	-	-	7,081.05	-	-	-	-	-	8,710.32
Pahang	86.00	104.4	-	-	-	-	-	3,717.83	0.00	-	-	-	-	146.12	140.39	-	171.00	791.80	0.00	-	-	-	-	5,063.24
Johor Timur East Johor	-	-	-	-	-	-	-	-	5,806.95	-	278.35	-	-	-	-	-	-	183.81	8.80	-	-	-	-	6,277.71
Jum. Kecil Sub-Total	1,232.42	380.20	0.00	128.80	0.00	0.00	2.00	3,717.83	5,806.95	0.00	282.35	0.00	93.50	436.97	171.89	0.00	171.00	8,205.56	8.80	0.00	0.00	0.00	0.00	20,638.27
Jumlah Besar Grand-Total	4,370.95	4,730.78	419.48	131.45	304.84	186.54	2.00	15,036.66	34,345.78	15.80	4,641.43	27.00	93.50	7,839.83	177.28	9.40	1,220.85	8,289.29	21.55	287.83	1,154.69	605.08	337.67	84,249.79

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JADUAL (TABLE) 11.1

MALAYSIA
KILANG-KILANG AIR BATU DAN KEMUDAHAN-KEMUDAHAN PENYEJUKKAN SEHINGGA 31-12-1995
ICE FACTORIES AND REFRIGERATION FACILITIES AS AT 31-12-1995
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

Negeri/State	Bilangan Kilang Airbatu (No. of ice factories)	Daya Pengeluaran Harian (Daily Production Capacity)					Kemudahan Menyimpan (Storage Capacity)		
		Kuantiti (Tan Metrik) Quantity (Tonnes)	Purata Harga Seblok (RM) Average Price/Block (RM)				Bilangan Bilik Sejuk (No. of cold rooms)	Kuantiti/Quantity (Tan Metrik/Tonnes)	
			0 - 50kg	51 - 100kg	101 - 150kg	151 - 200kg		Ais (Ice)	Ikan (Fish)
Perlis	2	90	-	-	5.50	-	13	267	282
Kedah	3	130	-	-	4.80	-	31	446	406
P.Pinang	6	699	-	-	7.70 - 9.00	-	156	1,714	11,211
Perak	52	330	2.70	5.00 - 11.20	5.90 - 8.71	-	109	844	1,660
Selangor	5	424	4.00	9.00	6.00 - 9.00	-	68	608	509
Melaka	2	60	4.00	-	11.20	-	31	50	600
Negeri Sembilan	1	28	-	-	7.00	-	1	8	8
Johor Barat/West Johor	5	167	3.00 - 7.00	11.00	-	-	17	186	475
Johor Timur/East Johor	2	110	2.80 - 3.80	9.60 - 10.00	-	-	15	326	450
Kelantan	12	309	4.50	5.50	7.00	10.00	21	409	101
Terengganu	7	499	6.20	7.50	-	-	17	157	142
Pahang	7	631	3.40	-	6.10	-	7	594	100
Sarawak	55	557	2.30	3.10	4.20	9.60	137	1,438	6,241
Sabah	50	614	3.38	6.00	10.60	-	144	1,790	2,678
W. P. Labuan/Labuan Fed. Territory	6	60	3.50	-	16.00	-	6	75	210
JUMLAH/TOTAL	215	4,708					773	8,912	25,073

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL PERIKANAN, 1995
FISHERIES REVENUE, 1995
(HASIL DALAM RM /REVENUE IN RM)

JADUAL (TABLE) 12.1

Jenis Hasil <i>Type Of Revenue</i>	Hasil Perikanan <i>State Revenue</i>					Hasil Persekutuan <i>Federal Revenue</i>				Jumlah Besar
	Perahu <i>Boat</i>	Perikanan <i>Fishing</i>	Patil Perahu <i>Boat No. Plate</i>	Sistem Kultur Laut <i>Marine Culture System</i>	Jumlah <i>Total</i>	Ikan <i>Fish</i>	Kompaun/ Denda <i>Compound/ Fine</i>	Jualan Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>	<i>Grand Total</i>
Perlis	19,359.50	136,899.00	744.00	0.00	157,002.50	1,345.00	0.00	752.00	2,097.00	159,099.50
Kedah	46,890.50	315,652.00	2,011.00	0.00	364,553.50	4,372.00	242,450.00	325.40	247,147.40	611,700.90
P.Pinang/Penang	19,622.60	31,972.00	1,828.00	23,433.00	76,855.60	0.00	90,705.00	699.20	91,404.20	168,259.80
Perak	103,923.00	395,599.00	3,718.00	0.00	503,240.00	6,951.00	217,600.00	7,541.40	232,092.40	735,332.40
Selangor	85,685.00	119,961.00	2,534.00	0.00	208,180.00	1,565.00	63,000.00	403.00	64,968.00	273,148.00
Negeri Sembilan	820.50	504.00	194.00	746.00	2,264.50	0.00	9,000.00	121.00	9,121.00	11,385.50
Melaka/Malacca	2,422.00	1,902.00	777.00	2,031.00	7,132.00	3,800.00	0.00	217.00	4,017.00	11,149.00
Kelantan	16,870.50	147,814.00	947.00	35.00	165,666.50	13,640.50	9,800.00	31,498.80	54,939.30	220,605.80
Terengganu	48,772.00	347,416.00	2,552.00	515.00	399,255.00	17,025.00	29,900.00	43,029.20	89,954.20	489,209.20
Pahang	62,790.50	478,738.00	1,303.00	0.00	542,831.50	0.00	67,500.00	2,222.00	64,722.00	607,553.50
Johor/Johore	60,888.50	292,666.00	4,580.00	8,695.00	366,829.50	2,616.00	57,400.00	5,998.80	66,014.80	432,844.30
Jumlah Besar <i>Grand Total</i>	468,044.60	2,269,123.00	21,188.00	35,455.00	2,793,810.60	51,314.50	787,355.00	92,807.80	931,477.30	3,720,287.90

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL PERIKANAN, 1996
FISHERIES REVENUE, 1996
(HASIL DALAM RM /REVENUE IN RM)

JADUAL (TABLE) 12.1

Jenis Hasil <i>Type Of Revenue</i>	Hasil Perikanan <i>State Revenue</i>					Hasil Persekutuan <i>Federal Revenue</i>				Jumlah Besar
	Perahu <i>Boat</i>	Perikanan <i>Fishing</i>	Patil Perahu <i>Boat No. Plate</i>	Sistem Kultur Laut <i>Marine Culture System</i>	Jumlah <i>Total</i>	Ikan <i>Fish</i>	Kompaun/ Denda <i>Compound/ Fine</i>	Jualan Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>	
Negeri <i>State</i>										<i>Grand Total</i>
Perlis	20,516.50	142,799.00	1,584.00	0.00	164,899.50	2,080.00	0.00	945.80	3,025.80	167,925.30
Kedah	46,595.50	302,923.00	5,033.00	265.00	354,816.50	60,853.58	254,350.00	1,028.40	316,231.98	671,048.48
P.Pinang/Penang	22,520.50	38,891.00	2,733.00	7,310.00	71,454.50	1,550.00	122,600.00	5,773.40	129,923.40	201,377.90
Perak	163,092.50	441,818.00	9,796.00	5,586.00	620,292.50	13,565.00	130,900.00	40,399.60	184,864.60	805,157.10
Selangor	107,944.50	125,242.00	7,153.00	5,825.00	246,164.50	12,700.00	56,800.00	380.60	69,880.60	316,045.10
Negeri Sembilan	866.50	470.00	554.00	155.00	2,045.50	100.00	4,200.00	436.60	4,736.60	6,782.10
Melaka/Malacca	2,238.00	1,800.00	2,076.00	85.00	6,199.00	8,484.00	500.00	378.00	9,362.00	15,561.00
Kelantan	17,615.00	147,770.00	3,655.00	390.00	169,430.00	14,450.00	8,400.00	12,213.29	35,063.29	204,493.29
Terengganu	46,988.50	347,248.00	6,507.00	200.00	400,943.50	16,200.00	28,800.00	21,730.30	66,730.30	467,673.80
Pahang	68,146.50	526,624.00	3,820.00	0.00	598,590.50	7,590.00	52,500.00	5,872.40	65,962.40	664,552.90
Johor/Johore	90,085.00	305,829.00	15,786.00	11,050.00	422,750.00	4,321.50	89,860.00	30,475.20	124,656.70	547,406.70
Jumlah Besar <i>Grand Total</i>	586,609.00	2,381,414.00	58,697.00	30,866.00	3,057,586.00	141,894.08	748,910.00	119,633.59	1,010,437.67	4,068,023.67

SEMANANGJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL PERIKANAN, 1996
FISHERIES REVENUE, 1996
(HASIL DALAM RM /REVENUE IN RM)

JADUAL (TABLE) 12.1

Data Awalan

Jenis Hasil <i>Type Of Revenue</i>	Hasil Perikanan <i>State Revenue</i>					Hasil Persekutuan <i>Federal Revenue</i>				Jumlah Besar <i>Grand Total</i>
	Perahu <i>Boat</i>	Perikanan <i>Fishing</i>	Patil Perahu <i>Boat No. Plate</i>	Sistem Kultur Laut <i>Marine Culture System</i>	Jumlah <i>Total</i>	Ikan <i>Fish</i>	Kompaun/ Denda <i>Compound/ Fine</i>	Jualan Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>	
Perlis	20,516.50	142,799.00	1,584.00	0.00	164,899.50	2,080.00	0.00	945.80	3,025.80	167,925.30
Kedah	46,595.50	302,923.00	5,033.00	265.00	354,816.50	60,853.58	254,350.00	1,028.40	316,231.98	671,048.48
P.Pinang/Penang	22,520.50	38,891.00	2,733.00	7,310.00	71,454.50	1,550.00	122,600.00	5,773.40	129,923.40	201,377.90
Perak	163,092.50	441,818.00	9,796.00	5,586.00	620,292.50	13,565.00	130,900.00	40,399.60	184,864.60	805,157.10
Selangor	107,944.50	125,242.00	7,153.00	5,825.00	246,164.50	12,700.00	56,800.00	380.60	69,880.60	316,045.10
Negeri Sembilan	866.50	470.00	554.00	155.00	2,045.50	100.00	4,200.00	436.60	4,736.60	6,782.10
Melaka/Malacca	2,238.00	1,800.00	2,076.00	85.00	6,199.00	8,484.00	500.00	378.00	9,362.00	15,561.00
Kelantan	17,615.00	147,770.00	3,655.00	390.00	169,430.00	14,450.00	8,400.00	12,213.29	35,063.29	204,493.29
Terengganu	46,988.50	347,248.00	6,507.00	200.00	400,943.50	16,200.00	28,800.00	21,730.30	66,730.30	467,673.80
Pahang	68,146.50	526,624.00	3,820.00	0.00	598,590.50	7,590.00	52,500.00	5,872.40	65,962.40	664,552.90
Johor/Johore	90,085.00	305,829.00	15,786.00	11,050.00	422,750.00	4,321.50	89,860.00	30,475.20	124,656.70	547,406.70
Jumlah Besar <i>Grand Total</i>	586,609.00	2,381,414.00	58,697.00	30,866.00	3,057,586.00	141,894.08	748,910.00	119,633.59	1,010,437.67	4,068,023.67

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AKUAKULTUR/TERNAKAIR

AQUACULTURE

MALAYSIA
**ANGGARAN BILANGAN DAN LUAS KOLAM, BEKAS LOMBONG, SANGKAR DAN TANGKI SIMEN YANG DIUSAHAKAN
 SERTA BILANGAN PENTERNAK MENGIKUT SISTEM TERNAKAN DAN NEGERI, 1995**
**ESTIMATED NUMBER AND AREA OF PONDS, DISUSED MINING POOLS, CAGES AND CEMENT TANKS
 AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 1995**

JADUAL (TABLE) 13.1

Negeri State	Airtawar/Freshwater												Airpayau/Brackishwater						Jumlah/Total					
	Kolam Ponds			Bekas Lombong Ex-Mining Pools			Sangkar Cages			Tangki Simen Cement Tank			Kolam Ponds			Sangkar Cages			Kolam & Bekas Lombong Ponds & Ex-mining Pools			Sangkar & Tangki Simen Cages & Cement Tank		
	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area (m2)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area (m2)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area (m2)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. of Culturists	Bil. No.	Luas (m2) Area (m2)	Bil. Penternak No. Of Culturists
Perlis	135	25.34	111	1	1.32	1	6	82.00	2	0	0.00	0	17	7.75	6	96	240.00	2	153	34.41	118	102	322.00	4
Kedah	1,322	215.06	602	3	6.25	3	15	137.70	1	39	1,275.22	12	522	389.30	121	2,251	23,649.21	112	1,847	610.61	726	2,305	25,062.13	125
Pulau Pinang	139	14.23	64	0	0.00	0	0	0.00	0	0	0.00	0	98	86.72	61	27,564	244,804.00	335	237	100.95	125	27,564	244,804.00	335
Perak	2,156	434.05	1,302	160	608.84	135	656	8,628.00	93	14	9,479.70	3	534	356.47	120	19,270	161,504.00	189	2,850	1,399.36	1,557	19,940	179,611.70	285
Selangor	1,579	281.08	709	88	160.21	53	674	22,663.26	16	103	19,604.19	24	589	297.72	128	6,479	111,971.17	33	2,256	739.01	890	7,256	154,238.62	73
N Sembilan	1,591	275.02	1,101	10	15.91	9	564	8,001.21	6	117	8,052.10	32	32	30.50	4	33	659.44	4	1,633	321.43	1,114	714	16,712.75	42
Melaka	529	106.74	338	0	0.00	0	63	576.60	5	66	1,201.41	31	32	20.24	10	140	1,815.41	3	561	126.98	348	269	3,593.42	39
Johor	1,460	192.23	480	0	0.00	0	236	2,284.11	27	228	14,510.54	68	590	587.84	112	6,060	125,322.75	184	2,050	780.07	592	6,524	142,117.40	279
Pahang	2,624	2,023.85	1,519	9	363.00	35	654	24,077.39	303	153	1,461.93	80	274	171.82	45	88	613.27	14	2,907	2,558.67	1,599	895	26,152.59	397
Terengganu	891	96.34	593	0	0.00	0	457	6,117.90	52	129	2,049.81	60	131	48.48	60	709	6,909.56	30	1,022	144.82	653	1,295	15,077.27	142
Kelantan	1,553	165.92	871	0	0.00	0	0	0.00	0	43	3,560.65	13	129	67.85	39	241	18,851.04	62	1,682	233.77	910	284	22,411.69	75
Sarawak	1,905	285.15	1,556	0	0.00	0	785	7,065.00	378	0	0.00	0	66	14.16	177	21	109.00	21	1,971	299.31	1,733	806	7,174.00	399
Sabah	11,526	1,251.70	4,971	0	0.00	0	0	0.00	0	0	0.00	0	655	544.59	127	1,310	18,703.40	193	12,181	1,796.29	5,098	1,310	18,703.40	193
Jumlah/Total:	27,410	5,366.71	14,217	271	1,155.53	236	4,110	79,633.17	883	892	61,195.55	323	3,669	2,623.44	1,010	64,262	715,152.25	1,182	31,350	9,145.68	15,463	69,264	855,980.97	2,388

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JADUAL (TABLE) 14.1

MALAYSIA
 ANGGARAN JUMLAH PENGELUARAN IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
 MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1995
 ESTIMATED PRODUCTION OF FISH, COCKLES, MUSSELS, OYSTERS AND CEMENT TANKS
 BY STATE AND CULTURE SYSTEM, 1995
 (Kuantiti Dalam Tan Metrik / Quantity in Tonnes)

Negeri State	Airtawar/Freshwater				Airpayau/Brackishwater					Jumlah Kecil/Sub-total						Jumlah Besar Grand Total Tan M. Tonnes
	Kolam Ponds	Bekas Lombong Ex- Mining Pools	Sangkar Cages	Tangki Simen Cement Tank	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	B.Lombong Kolam Ex-Mining Pools/Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	Tangki Simen Cement Tank	
Perlis	59.21	0.00	0.68	0.00	79.98	15.51	0.00	0.00	0.00	139.19	16.19	0.00	0.00	0.00	0.00	155.38
Kedah	311.76	1.50	0.07	4.85	399.62	160.68	0.00	0.21	8.04	712.88	160.75	0.00	0.21	8.04	4.85	886.73
P.Pinang	31.10	0.00	0.00	0.00	606.37	1,105.10	15,113.84	4.04	1.55	637.47	1,105.10	15,113.84	4.04	1.55	0.00	16,862.00
Perak	919.88	1,393.81	113.18	280.82	1,433.84	1,533.50	70,256.73	6.88	1.53	3,747.53	1,646.68	70,256.73	6.88	1.53	280.82	75,940.17
Selangor	814.59	114.47	217.54	668.45	1,023.11	983.19	13,799.01	21.52	0.23	1,952.17	1,200.73	13,799.01	21.52	0.23	668.45	17,642.11
N. Sembilan	700.10	15.17	165.40	13.16	125.23	0.00	20.97	2.60	0.00	840.50	165.40	20.97	2.60	0.00	13.16	1,042.63
Melaka	261.69	0.00	5.56	3.61	62.59	4.02	0.00	64.18	0.00	324.28	9.58	0.00	64.18	0.00	3.61	401.65
Johor	529.71	0.00	8.72	41.91	837.39	1,048.37	467.21	661.36	1.07	1,367.10	1,057.09	467.21	661.36	1.07	41.91	3,595.74
Pahang	3,319.50	108.98	309.62	2.68	781.93	3.21	0.00	0.00	0.00	4,210.41	312.83	0.00	0.00	0.00	2.68	4,525.92
Terengganu	109.07	0.00	43.62	4.95	82.70	3.89	0.00	0.00	3.13	191.77	47.51	0.00	0.00	3.13	4.95	247.36
Kelantan	499.55	0.00	0.00	84.90	174.19	19.40	0.00	0.00	0.29	673.74	19.40	0.00	0.00	0.29	84.9	778.33
Sarawak	540.97	0.00	669.40	0.00	100.02	4.00	0.00	0.00	0.00	640.99	673.40	0.00	0.00	0.00	0.00	1,314.39
Sabah	6,123.00	0.00	0.00	0.00	1,700.00	881.00	618.00	17.01	10.27	7,823.00	881.00	618.00	17.01	10.27	0.00	9,349.28
Jumlah/Total	14,220.13	1,633.93	1,533.79	1,105.33	7,406.97	5,761.87	100,275.76	777.80	26.11	23,261.03	7,295.66	100,275.76	777.80	26.11	1,105.33	132,741.69

JADUAL (TABLE) 14.2

MALAYSIA
 ANGGARAN NILAI BORONG IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
 MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1995
 ESTIMATED WHOLESALE VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
 BY STATE AND CULTURE SYSTEM, 1995
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Airtawar/Freshwater				Airpayau/Brackishwater					Jumlah (RM)/Total (RM)						Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex- Mining Pools	Sangkar Cages	Tangki Simen Cement Tank	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	B.Lombong/ Kolam Ex-Mining Pools/Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	Tangki Simen Cement Tank	
Perlis	218.85	0.00	1.70	0.00	1,350.28	195.43	0.00	0.00	0.00	1,569.13	197.13	0.00	0.00	0.00	0.00	1,766.26
Kedah	1,075.71	7.13	0.35	14.80	8,154.79	2,404.61	0.00	0.16	6.43	9,237.63	2,404.96	0.00	0.16	6.43	14.80	11,663.98
P.Pinang	122.21	0.00	0.00	0.00	8,372.66	15,558.88	7,556.92	2.62	0.97	8,494.87	15,558.88	7,556.92	2.62	0.97	0.00	31,614.26
Perak	4,223.68	4,706.14	631.72	1,064.47	27,681.86	20,958.84	24,589.85	4.81	0.76	36,611.68	21,590.56	24,589.85	4.81	0.76	1,064.47	83,862.13
Selangor	3,424.02	366.26	894.98	2,772.75	20,355.06	13,435.37	5,519.60	12.91	0.16	24,145.34	14,330.35	5,519.60	12.91	0.16	2,772.75	46,781.11
N. Sembilan	2,451.34	45.39	542.44	43.30	2,654.88	0.00	10.48	2.08	0.00	5,151.61	542.44	10.48	2.08	0.00	43.30	5,749.91
Melaka	1,235.28	0.00	18.16	12.78	1,356.88	50.82	0.00	32.09	0.00	2,592.16	68.98	0.00	32.09	0.00	12.78	2,706.01
Johor	2,904.61	0.00	39.68	157.43	17,975.64	12,118.70	140.16	297.61	15.46	20,880.25	12,158.38	140.16	297.61	15.46	157.43	33,649.29
Pahang	43,091.63	363.62	2,052.81	9.37	13,146.56	32.10	0.00	0.00	0.00	56,601.81	2,084.91	0.00	0.00	0.00	9.37	58,696.09
Terengganu	440.87	0.00	245.26	19.69	1,472.15	48.19	0.00	0.00	23.63	1,913.02	293.45	0.00	0.00	23.63	19.69	2,249.79
Kelantan	2,444.31	0.00	0.00	346.73	3,548.36	212.02	0.00	0.00	2.69	5,992.67	212.02	0.00	0.00	2.69	346.73	6,554.11
Sarawak	3,137.37	0.00	4,016.40	0.00	1,033.66	36.72	0.00	0.00	0.00	4,171.03	4,053.12	0.00	0.00	0.00	0.00	8,224.15
Sabah	46,855.00	0.00	0.00	0.00	30,600.00	19,885.00	1,545.00	59.53	207.96	77,455.00	19,885.00	1,545.00	59.53	207.96	0.00	99,152.49
Jumlah/Total	111,624.88	5,488.54	8,443.50	4,441.32	137,702.78	84,936.68	39,362.01	411.81	258.06	254,816.20	93,380.18	39,362.01	411.81	258.06	4,441.32	392,669.58

MALAYSIA
ANGGARAN NILAI RUNCIT IKAN TERNAKAN, KERANG, SIPUT, SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1995
ESTIMATED RETAIL VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
BY STATE AND CULTURE SYSTEM, 1995
(NILAI DALAM RM '000/VALUE IN RM '000)

JADUAL (TABLE) 14.3

Negeri State	Airtawar/Freshwater				Airpayau/Brackishwater					Jumlah (RM)/Total (RM)						Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex- Mining Pools	Sangkar Cages	Tangki Simen Cement Tank	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	B.Lombong/ Kolam Ex-Mining Pools/Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	Tangki Simen Cement Tank	
Perlis	291.03	0.00	2.72	0.00	1,919.01	259.17	0.00	0.00	0.00	2,210.04	261.89	0.00	0.00	0.00	0.00	2,471.93
Kedah	1,421.56	3.75	0.84	21.42	9,610.49	2,823.56	0.00	0.21	9.80	11,035.80	2,824.40	0.00	0.21	9.80	21.42	13,891.63
P.Pinang	137.55	0.00	0.00	0.00	9,256.71	17,159.39	10,126.27	4.24	1.16	9,394.26	17,159.39	10,126.27	4.24	1.16	0.00	36,685.32
Perak	5,849.12	6,885.11	853.18	1514.66	36,538.00	28,168.23	42,154.03	6.88	1.83	49,272.23	29,021.41	42,154.03	6.88	1.83	1514.66	121,971.04
Selangor	4,699.40	511.45	1,126.42	3577.33	23,794.31	18,149.88	9,659.30	23.67	0.23	29,005.16	19,276.30	9,659.30	23.67	0.23	3577.33	61,541.99
N. Sembilan	3,754.35	73.48	802.87	67.36	3,224.67	0.00	20.97	2.60	0.00	7,052.50	802.87	20.97	2.60	0.00	67.36	7,946.30
Melaka	1,552.51	0.00	22.68	17.80	1,418.55	65.75	0.00	54.54	0.00	2,971.06	88.43	0.00	54.54	0.00	17.80	3,131.83
Johor	3,748.60	0.00	51.45	203.49	20,396.62	14,094.66	327.04	496.02	16.26	24,145.22	14,146.11	327.04	496.02	16.26	203.49	39,334.14
Pahang	43,524.42	482.82	2,771.64	12.56	16,876.57	43.01	0.00	0.00	0.00	60,883.81	2,814.65	0.00	0.00	0.00	12.56	63,711.02
Terengganu	635.66	0.00	355.18	27.72	1,744.85	58.75	0.00	0.00	28.63	2,380.51	413.93	0.00	0.00	28.63	27.72	2,850.79
Kelantan	3,141.88	0.00	0.00	458.83	4,196.40	252.82	0.00	0.00	3.27	7,338.28	252.82	0.00	0.00	3.27	458.83	8,053.20
Sarawak	4,019.05	0.00	5,355.20	0.00	1,209.87	44.80	0.00	0.00	0.00	5,228.92	5,400.00	0.00	0.00	0.00	0.00	10,628.92
Sabah	46,855.00	0.00	0.00	0.00	30,600.00	19,885.00	1,545.00	59.53	207.96	77,455.00	19,885.00	1,545.00	59.53	207.96	0.00	99,152.49
Jumlah/Total	119,630.13	7,956.61	11,342.18	5,901.17	160,786.05	101,005.02	63,832.61	647.69	269.14	288,372.79	112,347.20	63,832.61	647.69	269.14	5,901.17	471,370.60

MALAYSIA
 ANGGAHAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG DAN TANGKI SIMEN MENGIKUT SPESIS IKAN, 1995
 ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS AND CEMENT TANKS BY SPECIES, 1995
 (Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

Spesies Species	Sistem Ternakan Culture System				
	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Jumlah Total
Lampam Jawa Javanese Carp	1384.77	38.86	4.39	0.00	1428.02
Lee Koh Common Carp	657.31	11.35	0.00	0.00	668.66
Kap Rumpit Grass Carp	440.95	259.92	11.57	0.00	712.44
Kap Kepala Besar Big Head Carp	107.82	449.86	0.00	0.00	557.68
Udang Galah Giant Freshwater Prawn	78.85	0.00	0.00	0.00	78.85
Tilapia Hitam Black Tilapia	3812.52	158.15	0.20	0.00	3970.87
Tilapia Merah Red Tilapia	2508.54	439.59	933.45	945.45	4827.03
Jelawat River Carp	481.94	38.97	17.88	0.00	538.79
Keli Freshwater Catfish	986.97	3.04	0.00	118.07	1108.08
Ketutu Goby	31.84	0.59	0.68	0.00	33.11
Belut Eel	2968.57	0.00	0.00	0.00	2968.57
Patin River Catfish	98.21	0.00	434.28	8.65	541.14
Toman Giant Snakehead	177.17	0.00	2.90	0.00	180.07
Baung River Catfish	25.66	0.00	77.38	0.00	103.04
Pelbagai Others	459.01	233.60	51.06	33.16	776.83
Jumlah Total	14,220.13	1,633.93	1,533.79	1,105.33	18,493.18

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG DAN TANGKI SIMEN MENGIKUT SPESIES IKAN, 1995
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS AND CEMENT TANKS BY SPECIES, 1995
 (NILAI DALAM RM '000/VALUE IN RM '000)

Spesies Species	Sistem Ternakan Culture System				
	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Jumlah Total
Lampam Jawa Javanese Carp	7,340.21	158.56	17.18	0.00	7,515.95
Lee Koh Common Carp	5,701.99	45.32	0.00	0.00	5,747.31
Kap Rumput Grass Carp	2,051.59	1,115.80	44.76	0.00	3,212.15
Kap Kepala Besar Big Head Carp	463.59	1,092.09	0.00	0.00	1,555.68
Udang Galah Giant Freshwater Prawn	1,391.70	0.00	0.00	0.00	1,391.70
Tilapia Hitam Black Tilapia	25,897.64	512.44	0.89	0.00	26,410.77
Tilapia Merah Red Tilapia	16,503.65	1,679.35	4,605.25	3,858.10	26,646.35
Jelawat River Carp	3,389.69	295.30	124.53	0.00	3,809.52
Keli Freshwater Catfish	3,374.20	10.26	0.00	441.81	3,826.27
Ketutu Goby	813.18	16.31	14.93	0.00	844.42
Belut Eel	41,559.98	0.00	0.00	0.00	41,559.98
Patin River Catfish	640.69	0.00	2,857.63	40.34	3,538.66
Toman Giant Snakehead	787.15	0.00	8.41	0.00	795.56
Baung River Catfish	185.58	0.00	645.43	0.00	831.01
Pelbagai Others	1,524.04	563.11	124.69	101.07	2,312.91
Jumlah Total	111,624.88	5,488.54	8,443.50	4,441.32	129,998.24

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG DAN TANGKI SIMEN MENGIKUT SPESIS IKAN, 1995
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS AND CEMENT TANKS BY SPECIES, 1995
 (NILAI DALAM RM '000/VALUE IN RM '000)

Spesies Species	Sistem Ternakan Culture System				
	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Jumlah Total
Lampam Jawa Javanese Carp	8,063.25	212.15	24.38	0.00	8,299.78
Lee Koh Common Carp	5,936.34	64.70	0.00	0.00	6,001.04
Kap Rumpot Grass Carp	2,625.86	1,527.83	63.83	0.00	4,217.52
Kap Kepala Besar Big Head Carp	575.82	1,767.66	0.00	0.00	2,343.48
Udang Galah Giant Freshwater Prawn	1,707.42	0.00	0.00	0.00	1,707.42
Tilapia Hitam Black Tilapia	26,149.71	769.46	0.83	0.00	26,920.00
Tilapia Merah Red Tilapia	18,602.86	2,372.61	2,462.24	5,103.85	28,541.56
Jelawat River Carp	4,408.56	393.38	3,875.88	0.00	8,677.82
Keli Freshwater Catfish	4,973.36	14.64	0.00	609.91	5,597.91
Ketutu Goby	978.83	23.52	16.73	0.00	1,019.08
Belut Eel	41,559.98	0.00	0.00	0.00	41,559.98
Patin River Catfish	768.47	0.00	3,830.55	53.08	4,652.10
Toman Giant Snakehead	1,053.57	0.00	9.86	0.00	1,063.43
Baung River Catfish	246.51	0.00	907.41	0.00	1,153.92
Pelbagai Others	1,979.59	810.66	150.47	134.33	3,075.05
Jumlah Total	119,630.13	7,956.61	11,342.18	5,901.17	144,830.09

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1995
ESTIMATED FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1995
(Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

Spesies Species	Sistem Ternakan Culture System					
	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap <i>Barramundi</i>	286.82	1,919.18	0.00	0.00	0.00	2,206.00
Kerapu <i>Grouper</i>	0.21	833.74	0.00	0.00	0.00	833.95
Jenahak <i>Mangrove Snapper</i>	0.00	1,659.32	0.00	0.00	0.00	1,659.32
Udang Putih <i>Banana Prawn</i>	65.85	0.00	0.00	0.00	0.00	65.85
Udang Harimau <i>Tiger Prawn</i>	6,712.71	0.00	0.00	0.00	0.00	6,712.71
Ketam <i>Mud Crab</i>	43.17	580.10	0.00	0.00	0.00	623.27
Tilapia Merah <i>Red Tilapia</i>	52.92	15.36	0.00	0.00	0.00	68.28
Merah <i>Red Snapper</i>	0.00	369.46	0.00	0.00	0.00	369.46
Kerang Dewasa <i>Cockles</i>	0.00	0.00	100,275.76	0.00	0.00	100,275.76
Siput Sudu <i>Mussels</i>	0.00	0.00	0.00	777.80	0.00	777.80
Tiram <i>Oysters</i>	0.00	0.00	0.00	0.00	26.11	26.11
Pelbagai <i>Others</i>	245.29	384.71	0.00	0.00	0.00	630.00
Jumlah <i>Total</i>	7,406.97	5,761.87	100,275.76	777.80	26.11	114,248.51

JADUAL (TABLE) 14.8

MALAYSIA
 ANGGAHAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1995
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1995
 (NILAI DALAM RM '000/VALUE IN RM '000)

Spesies Species	Sistem Ternakan Culture System					
	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap Barramundi	3,640.85	25,262.56	0.00	0.00	0.00	28,903.41
Kerapu Grouper	4.69	27,351.14	0.00	0.00	0.00	27,355.83
Jenahak Mangrove Snapper	0.00	19,175.05	0.00	0.00	0.00	19,175.05
Udang Putih Banana Prawn	1,604.21	0.00	0.00	0.00	0.00	1,604.21
Udang Harimau Tiger Prawn	131,380.12	0.00	0.00	0.00	0.00	131,380.12
Ketam Mud Crab	471.32	3,372.46	0.00	0.00	0.00	3,843.78
Tilapia Merah Red Tilapia	221.31	99.71	0.00	0.00	0.00	321.02
Merah Red Snapper	0.00	3,879.33	0.00	0.00	0.00	3,879.33
Kerang Dewasa Cockles	0.00	0.00	39,362.01	0.00	0.00	39,362.01
Siput Sudu Mussels	0.00	0.00	0.00	411.81	0.00	411.81
Tiram Oysters	0.00	0.00	0.00	0.00	258.06	258.06
Pelbagai Others	380.28	5,796.43	0.00	0.00	0.00	6,176.71
Jumlah Total	137,702.78	84,936.68	39,362.01	411.81	258.06	262,671.34

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1995
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1995
 (Nilai Dalam RM '000/Value In Rm '000)

JADUAL (TABLE) 14.9

Spesies Species	Sistem Ternakan Culture System					
	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap Barramundi	4,302.15	30,948.34	0.00	0.00	0.00	35,250.49
Kerapu Grouper	5.17	31,647.26	0.00	0.00	0.00	31,652.43
Jenahak Mangrove Snapper	18.90	23,793.63	0.00	0.00	0.00	23,812.53
Udang Putih Banana Prawn	1,769.30	0.00	0.00	0.00	0.00	1,769.30
Udang Harimau Tiger Prawn	153,416.27	0.00	0.00	0.00	0.00	153,416.27
Ketam Mud Crab	531.86	3,512.97	0.00	0.00	0.00	4,044.83
Tilapia Merah Red Tilapia	342.06	124.91	0.00	0.00	0.00	466.97
Merah Red Snapper	0.00	4,766.03	0.00	0.00	0.00	4,766.03
Kerang Dewasa Cockles	0.00	0.00	63,832.61	0.00	0.00	63,832.61
Siput Sudu Mussels	0.00	0.00	0.00	647.69	0.00	647.69
Tiram Oysters	0.00	0.00	0.00	0.00	269.14	269.14
Pelbagai Others	400.34	6,211.88	0.00	0.00	0.00	6,612.22
Jumlah Total	160,786.05	101,005.02	63,832.61	647.69	269.14	326,540.51

MALAYSIA
BILANGAN DAN LUAS KOLAM AIRTAWAR YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1995
NUMBER AND AREA OF FRESHWATER PONDS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Kolam Airtawar Freshwater Ponds		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (ha) Area(ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	135	25.34	107	2	0	2	111
Kedah	1,322	215.06	581	14	2	5	602
P.Pinang	139	14.23	57	2	5	0	64
Perak	2,156	434.05	1110	156	8	28	1,302
Selangor	1,579	281.08	468	144	28	69	709
N. Sembilan	1,591	275.02	918	161	9	13	1,101
Melaka	529	106.74	269	67	1	1	338
Johor	1,460	192.23	282	161	2	35	480
Pahang	2,624	2,023.85	1148	333.92	4	33	1,519
Terengganu	891	96.34	590	3	0	0	593
Kelantan	1,553	165.92	853	17	1	0	871
Sarawak	1,905	285.15	360	790	0	406	1,556
Sabah	11,526	1,251.70	5	876	2	4088	4,971
Jumlah/Total:	27,410	5,366.71	6,748	2,727	62	4,680	14,217

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR
MENGIKUT NEGERI DAN SPESIS IKAN, 1995
ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS
BY STATE AND SPECIES, 1995
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 15.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant SnakeHead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.43	0.51	0.00	3.42	4.92	14.00	14.29	2.57	17.00	0.00	0.00	0.00	0.00	0.00	2.07	59.21
Kedah	59.38	16.71	2.29	2.65	0.95	24.90	44.92	4.70	136.77	4.52	0.00	0.00	0.00	0.00	14.27	311.76
P.Pinang	0.49	0.00	0.00	0.00	0.03	0.20	8.77	1.68	19.93	0.00	0.00	0.00	0.00	0.00	0.00	31.10
Perak	118.99	11.89	157.58	15.38	31.15	28.83	179.88	77.47	231.72	0.47	0.00	0.00	0.00	0.00	66.52	919.88
Selangor	59.60	1.46	30.55	3.86	10.88	46.37	163.94	113.92	239.85	0.10	0.00	0.00	0.00	0.00	144.06	814.59
N. Sembilan	39.52	6.63	63.47	12.37	7.75	9.03	365.05	40.44	130.45	0.16	0.00	0.00	0.00	0.00	25.23	700.10
Melaka	17.33	1.23	11.75	3.02	12.32	21.36	55.30	7.64	85.37	3.10	0.00	2.64	0.00	0.00	40.63	261.69
Johor	9.41	7.71	2.73	1.41	10.36	13.64	168.77	0.00	90.64	12.65	0.00	34.99	124.70	20.07	32.63	529.71
Pahang	50.99	20.42	50.18	15.34	0.00	0.00	92.83	34.28	12.03	0.00	2,968.57	17.65	52.47	0.00	4.74	3,319.50
Terengganu	12.87	5.28	1.41	1.77	0.49	13.31	46.15	0.51	4.89	0.00	0.00	14.93	0.00	5.59	1.87	109.07
Kelantan	103.62	58.42	35.89	0.55	0.00	34.88	151.65	19.52	18.32	10.84	0.00	0.00	0.00	0.00	65.86	499.55
Sarawak	81.14	27.05	54.10	27.05	0.00	0.00	162.29	162.21	0.00	0.00	0.00	0.00	0.00	0.00	27.13	540.97
Sabah	831.00	500.00	31.00	21.00	0.00	3,606.00	1,055.00	17.00	0.00	0.00	0.00	28.00	0.00	0.00	34.00	6,123.00
Jumlah/Total:	1,384.77	657.31	440.95	107.82	78.85	3,812.52	2,508.54	481.94	986.97	31.84	2,968.57	98.21	177.17	25.66	459.01	14,220.13

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.
 Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

JADUAL (TABLE) 15.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRTAWAR
 MENGIKUT NEGERI DAN SPESIS IKAN, 1995
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS
 BY STATE AND SPECIES, 1995
 (Nilai Dalam RM '000/Value In RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant SnakeHead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.95	1.02	0.00	7.18	59.04	40.60	41.44	14.14	49.30	0.00	0.00	0.00	0.00	0.00	5.18	218.85
Kedah	178.14	48.46	5.95	7.69	12.25	74.70	156.17	32.90	410.31	81.36	0.00	0.00	0.00	0.00	67.78	1,075.71
P. Pinang	1.42	0.00	0.00	0.00	0.72	0.70	34.64	16.97	67.76	0.00	0.00	0.00	0.00	0.00	0.00	122.21
Perak	475.96	45.18	693.35	36.14	623.00	95.14	683.54	581.03	811.02	13.02	0.00	0.00	0.00	0.00	166.30	4,223.68
Selangor	238.40	6.57	109.98	7.72	142.53	134.47	688.55	934.14	827.48	2.84	0.00	0.00	0.00	0.00	331.34	3,424.02
N. Sembilan	130.42	21.88	203.10	24.74	117.80	23.48	1,168.16	222.42	443.53	2.46	0.00	0.00	0.00	0.00	93.35	2,451.34
Melaka	69.32	3.94	37.60	6.04	250.71	59.81	204.61	52.72	290.26	78.43	0.00	7.13	0.00	0.00	174.71	1,235.28
Johor	34.35	30.45	10.37	4.23	179.75	39.56	767.90	0.00	344.43	453.50	0.00	141.71	629.74	149.52	119.10	2,904.61
Pahang	216.71	81.68	168.10	51.39	0.00	0.00	403.81	274.24	39.10	0.00	41,559.98	129.73	157.41	0.00	9.48	43,091.63
Terengganu	45.05	20.86	5.50	6.90	5.90	45.92	163.83	4.49	19.56	0.00	0.00	82.12	0.00	36.06	4.68	440.87
Kelantan	476.65	306.71	183.04	2.26	0.00	141.26	667.26	147.38	71.45	181.57	0.00	0.00	0.00	0.00	266.73	2,444.31
Sarawak	486.84	135.24	324.60	162.30	0.00	0.00	973.74	973.26	0.00	0.00	0.00	0.00	0.00	0.00	81.39	3,137.37
Sabah	4,986.00	5,000.00	310.00	147.00	0.00	25,242.00	10,550.00	136.00	0.00	0.00	0.00	280.00	0.00	0.00	204.00	46,855.00
Jumlah/Total:	7,340.21	5,701.99	2,051.59	463.59	1,391.70	25,897.64	16,503.65	3,389.69	3,374.20	813.18	41,559.98	640.69	787.15	185.58	1,524.04	111,624.88

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.
 Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

JADUAL (TABLE) 15.4

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DALAM KOLAM AIRTAWAR
MENGIKUT NEGERI DAN SPESIS IKAN, 1995
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS
BY STATE AND SPECIES, 1995
 (Nilai Dalam RM '000/Value In RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpot Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant SnakeHead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	1.42	1.79	0.00	12.65	65.44	53.20	57.16	17.99	73.10	0.00	0.00	0.00	0.00	0.00	8.28	291.03
Kedah	231.58	73.52	9.16	10.87	14.25	99.60	211.95	42.77	601.78	90.40	0.00	0.00	0.00	0.00	35.68	1,421.56
P.Pinang	1.59	0.00	0.00	0.00	0.80	0.76	37.71	16.97	79.72	0.00	0.00	0.00	0.00	0.00	0.00	137.55
Perak	666.34	64.21	945.48	59.98	753.83	144.15	971.35	782.45	1,204.94	16.92	0.00	0.00	0.00	0.00	239.47	5,849.12
Selangor	345.68	7.30	158.86	10.42	207.81	190.12	885.28	1,184.77	1,220.84	4.28	0.00	0.00	0.00	0.00	484.04	4,699.40
N. Sembilan	209.46	35.14	317.35	51.95	160.43	37.93	1,715.74	335.65	737.04	4.80	0.00	0.00	0.00	0.00	148.86	3,754.35
Melaka	71.05	4.92	47.59	8.46	282.13	79.03	254.38	61.12	426.85	96.72	0.00	8.98	0.00	0.00	211.28	1,552.51
Johor	45.64	38.16	14.61	7.05	214.45	59.33	995.74	0.00	453.20	536.99	0.00	185.45	854.20	193.68	150.10	3,748.60
Pahang	254.95	117.42	218.28	66.73	0.00	0.00	524.49	342.80	52.33	0.00	41,559.98	173.85	199.37	0.00	14.22	43,524.42
Terengganu	64.99	26.66	6.98	8.76	8.28	55.24	251.52	6.89	27.38	0.00	0.00	120.19	0.00	52.83	5.94	635.66
Kelantan	616.54	391.41	229.70	2.61	0.00	188.35	849.24	183.49	96.18	228.72	0.00	0.00	0.00	0.00	355.64	3,141.88
Sarawak	568.01	175.81	367.85	189.34	0.00	0.00	1,298.30	1,297.66	0.00	0.00	0.00	0.00	0.00	0.00	122.08	4,019.05
Sabah	4,986.00	5,000.00	310.00	147.00	0.00	25,242.00	10,550.00	136.00	0.00	0.00	0.00	280.00	0.00	0.00	204.00	46,855.00
Jumlah/Total:	8,063.25	5,936.34	2,625.86	575.82	1,707.42	26,149.71	18,602.86	4,408.56	4,973.36	978.83	41,559.98	768.47	1,053.57	246.51	1,979.59	119,630.13

Nota : Pelbagai - Termasuk Ikan Haruan ,Sepat Siam dan Lain - lain.
 Note : Miscellaneous - Includes Snake Head,Snakeskin Gouramy and Others.

MALAYSIA
BILANGAN DAN LUAS BEKAS LOMBONG YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1995
NUMBER AND AREA OF EX-MINING POOLS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Bekas Lombong Ex Mining Pools		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (ha) Area(ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	1	1.32	0	1	0	0	1
Kedah	3	6.25	1	1	0	1	3
P.Pinang	0	0.00	0	0	0	0	0
Perak	160	608.84	42	86	0	7	135
Selangor	88	160.21	27	14	1	11	53
N. Sembilan	10	15.91	0	8	0	1	9
Melaka	0	0.00	0	0	0	0	0
Johor	0	0.00	0	0	0	0	0
Pahang	9	363.00	35	0	0	0	35
Terengganu	0	0.00	0	0	0	0	0
Kelantan	0	0.00	0	0	0	0	0
Sarawak	0	0.00	0	0	0	0	0
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	271	1,155.53	105	110	1	20	236

JADUAL (TABLE) 16.2

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIES IKAN, 1995
ESTIMATED FISH PRODUCTION FROM EX-MINING POOLS BY STATE AND FISH SPECIES, 1995
(KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri <i>State</i>	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Kap Rumput <i>Grass Carp</i>	Kap Kepala Besar <i>Big Head Carp</i>	Udang Galah <i>Giant Freshwater Prawn</i>	Tilapia Hitam <i>Black Tilapia</i>	Tilapia Merah <i>Red Tilapia</i>	Jelawat <i>River Carp</i>	Keli <i>Freshwater Catfish</i>	Ketutu <i>Goby</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	1.50
P.Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	16.36	1.02	233.07	406.15	0.00	134.50	413.16	33.29	0.00	0.10	156.16	1,393.81
Selangor	10.04	0.23	7.30	3.66	0.00	23.65	23.81	0.88	1.91	0.39	42.60	114.47
N. Sembilan	0.00	0.00	9.86	2.85	0.00	0.00	1.92	0.00	0.00	0.00	0.54	15.17
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	12.46	10.10	9.69	37.20	0.00	0.00	0.70	4.80	1.13	0.10	32.80	108.98
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	38.86	11.35	259.92	449.86	0.00	158.15	439.59	38.97	3.04	0.59	233.60	1,633.93

Nota : Pelbagai - Termasuk ikan Haruan, Sepat Siam dan Lain -lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

JADUAL (TABLE)16.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN DARI IKAN BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIS IKAN, 1995
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1995
(NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Pelbagai Micellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.13	7.13
P.Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	65.44	3.88	1,025.51	954.45	0.00	443.85	1,570.16	249.68	0.00	2.77	390.40	4,706.14
Selangor	40.16	1.04	26.28	7.32	0.00	68.59	100.00	7.22	6.59	11.08	97.98	366.26
N. Sembilan	0.00	0.00	31.55	5.70	0.00	0.00	6.14	0.00	0.00	0.00	2.00	45.39
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	52.96	40.40	32.46	124.62	0.00	0.00	3.05	38.40	3.67	2.46	65.60	363.62
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	158.56	45.32	1,115.80	1,092.09	0.00	512.44	1,679.35	295.30	10.26	16.31	563.11	5,488.54

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain
 Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

JADUAL (TABLE)16.4

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIES IKAN, 1995
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES,1995
(Nilai Dalam RM' 000/Value In RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Pelbagai Others	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75	3.75
P.Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	91.62	5.51	1,398.42	1,583.99	0.00	672.50	2,231.06	336.23	0.00	3.60	562.18	6,885.11
Selangor	58.23	1.15	37.96	9.88	0.00	96.96	128.57	9.15	9.72	16.69	143.14	511.45
N. Sembilan	0.00	0.00	49.30	11.97	0.00	0.00	9.02	0.00	0.00	0.00	3.19	73.48
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	62.30	58.04	42.15	161.82	0.00	0.00	3.96	48.00	4.92	3.23	98.40	482.82
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	212.15	64.70	1,527.83	1,767.66	0.00	769.46	2,372.61	393.38	14.64	23.52	810.66	7,956.61

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snake Head, Snakeskin Gouramy and Others.

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRTAWAR YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1995
NUMBER AND AREA OF FRESHWATER CAGES IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Sangkar Airtawar Freshwater Cages		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	6	82.00	2	0	0	0	2
Kedah	15	137.70	1	0	0	0	1
P.Pinang	0	0.00	0	0	0	0	0
Perak	656	8,628.00	82	1	0	10	93
Selangor	674	22,663.26	9	5	0	2	16
N. Sembilan	564	8,001.21	1	4	0	1	6
Melaka	63	576.60	3	1	0	1	5
Johor	236	2,284.11	27	0	0	0	27
Pahang	654	24,077.39	205	7	0	91	303
Terengganu	457	6,117.90	51	1	0	0	52
Kelantan	0	0.00	0		0	0	0
Sarawak	785	7,065.00	35	32	0	311	378
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	4,110	79,633.17	416	51	0	416	883

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN SPESIS IKAN, 1995
ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1995
 (Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

JADUAL (TABLE) 17.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Pertis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.07
P.Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	3.77	0.00	6.36	0.00	0.00	0.00	12.53	9.61	1.86	0.00	39.90	39.15	113.18
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	206.18	0.00	2.23	0.00	0.00	9.13	217.54
N. Sembilan	0.55	0.00	4.60	0.00	0.00	0.00	148.77	6.16	5.32	0.00	0.00	0.00	165.40
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	2.93	0.00	2.49	0.00	0.00	0.14	5.56
Johor	0.00	0.00	0.00	0.00	0.00	0.00	8.72	0.00	0.00	0.00	0.00	0.00	8.72
Pahang	0.05	0.00	0.58	0.00	0.00	0.00	80.48	0.00	211.61	0.00	15.92	0.98	309.62
Terengganu	0.02	0.00	0.03	0.00	0.68	0.20	11.44	2.11	3.70	2.90	21.56	0.98	43.62
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	462.40	0.00	207.00	0.00	0.00	0.00	669.40
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	4.39	0.00	11.57	0.00	0.68	0.20	933.45	17.88	434.28	2.90	77.38	51.06	1,533.79

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy, Gouramy and Others.

JADUAL (TABLE) 17.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN SPESIES IKAN, 1995
ESTIMATED WHOLESALE VALUE FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1995
(NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	1.70
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.35
P.Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	15.08	0.00	27.98	0.00	0.00	0.00	47.61	72.08	8.00	0.00	363.09	97.88	631.72
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	865.96	0.00	8.92	0.00	0.00	20.10	894.98
N. Sembilan	1.82	0.00	14.72	0.00	0.00	0.00	476.06	33.88	15.96	0.00	0.00	0.00	542.44
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	10.84	0.00	6.72	0.00	0.00	0.60	18.16
Johor	0.00	0.00	0.00	0.00	0.00	0.00	39.68	0.00	0.00	0.00	0.00	0.00	39.68
Pahang	0.21	0.00	1.94	0.00	0.00	0.00	350.09	0.00	1,555.33	0.00	143.28	1.96	2,052.81
Terengganu	0.07	0.00	0.12	0.00	14.93	0.69	40.61	18.57	20.35	8.41	139.06	2.45	245.26
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	2,774.40	0.00	1,242.00	0.00	0.00	0.00	4,016.40
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	17.18	0.00	44.76	0.00	14.93	0.69	4,605.25	124.53	2,857.63	8.41	645.43	124.69	8,443.50

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.

Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

JADUAL (TABLE) 17.4

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN SPESIES IKAN, 1995
ESTIMATED RETAIL VALUE FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1995
(NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.72	2.72
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.84
P. Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	21.11	0.00	38.16	0.00	0.00	0.00	67.66	97.06	11.44	0.00	476.81	140.94	853.18
Selangor	0.00	0.00	0.00	0.00	0.00	0.00	1,113.37	0.00	13.05	0.00	0.00	0.00	1,126.42
N. Sembilan	2.92	0.00	23.00	0.00	0.00	0.00	699.22	51.13	26.60	0.00	0.00	0.00	802.87
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	13.48	0.00	8.47	0.00	0.00	0.73	22.68
Johor	0.00	0.00	0.00	0.00	0.00	0.00	51.45	0.00	0.00	0.00	0.00	0.00	51.45
Pahang	0.25	0.00	2.52	0.00	0.00	0.00	454.71	0.00	2,084.36	0.00	226.86	2.94	2,771.64
Terengganu	0.10	0.00	0.15	0.00	16.73	0.83	62.35	28.49	29.79	9.86	203.74	3.14	355.18
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,699.20	1,656.00	0.00	0.00	0.00	5,355.20
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	24.38	0.00	63.83	0.00	16.73	0.83	2,462.24	3,875.88	3,830.55	9.86	907.41	150.47	11,342.18

Nota : Pelbagai - Termasuk ikan Haruan, Sepat Siam dan Lain - lain.
 Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

MALAYSIA
BILANGAN DAN LUAS TANGKI SIMEN YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1995
NUMBER AND AREA OF CEMENT TANK IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Tangki Simen Cement Tanks		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	39	1,275.22	11	0	0	1	12
P.Pinang	0	0.00	0	0	0	0	0
Perak	14	9,479.70	2	1	0	0	3
Selangor	103	19,604.19	17	6	0	1	24
N. Sembilan	117	8,052.10	31	1	0	0	32
Melaka	66	1,201.41	30	1	0	0	31
Johor	228	14,510.54	67	0	0	1	68
Pahang	153	1,461.93	79	0	1	0	80
Terengganu	129	2,049.81	60	0	0	0	60
Kelantan	43	3,560.65	13	0	0	0	13
Sarawak	0	0.00	0	0	0	0	0
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	892	61,195.55	310	9	1	3	323

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI TANGKI SIMEN
MENGIKUT NEGERI DAN SPESIES IKAN,1995
ESTIMATED FISH PRODUCTION OF FISH FROM CEMENT TANK
BY STATE AND FISH SPECIES,1995
(Kuantiti dalam Tan metrik/Quantity In Tonnes)

Negeri State	Keli <i>Freshwater Catfish</i>	Tilapia Merah <i>Red Tilapia</i>	Ketutu <i>Goby</i>	Patin <i>River Catfish</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	4.43	0.39	0.00	0.00	0.03	4.85
P.Pinang	0.00	0.00	0.00	0.00	0.00	0.00
Perak	8.82	272.00	0.00	0.00	0.00	280.82
Selangor	8.77	643.96	0.00	1.00	14.72	668.45
N. Sembilan	5.63	7.40	0.00	0.00	0.13	13.16
Melaka	2.54	0.77	0.00	0.00	0.30	3.61
Johor	23.26	1.08	0.00	0.00	17.57	41.91
Pahang	1.95	0.35	0.00	0.14	0.24	2.68
Terengganu	4.62	0.31	0.00	0.02	0.00	4.95
Kelantan	58.05	19.19	0.00	7.49	0.17	84.90
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	118.07	945.45	0.00	8.65	33.16	1,105.33

Nota : Pelbagai - Termasuk Ikan seperti Haruan, Sepat Siam dan Lain - lain.
Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

JADUAL(TABLE) 18.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI TANGKI SIMEN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1995
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM CEMENT TANK
 BY STATE AND FISH SPECIES, 1995
 (NILAI DALAM RM '000/VALUE IN RM '000)

Negeri State	Keli <i>Freshwater Catfish</i>	Tilapia Merah <i>Red Tilapia</i>	Ketutu <i>Goby</i>	Patin <i>River Catfish</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	13.29	1.37	0.00	0.00	0.14	14.80
P.Pinang	0.00	0.00	0.00	0.00	0.00	0.00
Perak	30.87	1,033.60	0.00	0.00	0.00	1,064.47
Selangor	30.26	2,704.63	0.00	4.00	33.86	2,772.75
N. Sembilan	19.14	23.68	0.00	0.00	0.48	43.30
Melaka	8.64	2.85	0.00	0.00	1.29	12.78
Johor	88.39	4.91	0.00	0.00	64.13	157.43
Pahang	6.34	1.52	0.00	1.03	0.48	9.37
Terengganu	18.48	1.10	0.00	0.11	0.00	19.69
Kelantan	226.40	84.44	0.00	35.20	0.69	346.73
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	441.81	3,858.10	0.00	40.34	101.07	4,441.32

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat dan Lain - lain.

Note : Miscellaneous - Includes Snake Head, Snakeskin gouramy and Others.

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI TANGKI SIMEN
 MENGIKUT NEGERI DAN SPESIES IKAN,1995
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM CEMENT TANK
 BY STATE AND FISH SPECIES,1995
 (Nilai dalam RM '000/Value in RM '000)

Negeri State	Keli <i>Freshwater Catfish</i>	Tilapia Merah <i>Red Tilapia</i>	Ketutu <i>Goby</i>	Patin <i>River Catfish</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	19.49	1.85	0.00	0.00	0.08	21.42
P.Pinang	0.00	0.00	0.00	0.00	0.00	0.00
Perak	45.86	1,468.80	0.00	0.00	0.00	1,514.66
Selangor	44.64	3,477.38	0.00	5.85	49.46	3,577.33
N. Sembilan	31.81	34.78	0.00	0.00	0.77	67.36
Melaka	12.70	3.54	0.00	0.00	1.56	17.80
Johor	116.30	6.37	0.00	0.00	80.82	203.49
Pahang	8.48	1.98	0.00	1.38	0.72	12.56
Terengganu	25.87	1.69	0.00	0.16	0.00	27.72
Kelantan	304.76	107.46	0.00	45.69	0.92	458.83
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	609.91	5,103.85	0.00	53.08	134.33	5,901.17

Nota : Pelbagai - Termasuk Ikan Haruan, Sepat Siam dan Lain - lain.
 Note : Miscellaneous - Includes Snakehead, Snakeskin Gouramy and Others.

JADUAL(TABLE) 19.1

MALAYSIA
 BILANGAN DAN LUAS KOLAM AIRPAYAU YANG DIUSAHAKAN
 SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1995
 NUMBER AND AREA OF BRACKISHWATER PONDS IN OPERATION AND
 NUMBER OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Kolam Airpayau Brackishwater Ponds		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (HA) Area(HA)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	17	7.75	3	3	0	0	6
Kedah	522	389.30	73	18	1	29	121
P.Pinang	98	86.72	25	21	0	15	61
Perak	534	356.47	51	51	0	18	120
Selangor	589	297.72	79	28	0	21	128
N. Sembilan	32	30.50	1	0	0	3	4
Melaka	32	20.24	6	1	0	3	10
Johor	590	587.84	39	55	0	18	112
Pahang	274	171.82	42	1	0	2	45
Terengganu	131	48.48	60	0	0	0	60
Kelantan	129	67.85	34	4	0	1	39
Sarawak	66	14.16	120	7	0	50	177
Sabah	655	544.59	49	69	0	9	127
Jumlah/Total:	3,669	2,623.44	582	258	1	169	1,010

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN MENGIKUT NEGERI DAN SPESIES IKAN, 1995
ESTIMATED FISH PRODUCTION FROM BRACKISH WATER/MARINE PONDS BY STATE AND FISH SPECIES, 1995
(KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.48	79.07	0.00	0.43	0.00	79.98
Kedah	4.86	0.00	0.00	0.00	394.76	0.00	0.00	0.00	399.62
P.Pinang	43.93	0.00	0.00	0.00	334.43	0.00	0.00	228.01	606.37
Perak	19.80	0.00	0.00	0.00	1,414.04	0.00	0.00	0.00	1,433.84
Selangor	104.50	0.00	0.00	0.00	905.51	13.10	0.00	0.00	1,023.11
N. Sembilan	0.00	0.00	0.00	0.00	125.23	0.00	0.00	0.00	125.23
Melaka	1.54	0.00	0.00	0.65	59.76	0.09	0.00	0.55	62.59
Johor	36.96	0.00	0.00	64.53	720.49	1.30	0.05	14.06	837.39
Pahang	6.80	0.00	0.00	0.00	725.13	0.00	50.00	0.00	781.93
Terengganu	1.21	0.21	0.00	0.19	79.90	0.00	1.16	0.03	82.70
Kelantan	0.33	0.00	0.00	0.00	172.09	0.04	1.28	0.45	174.19
Sarawak	66.89	0.00	0.00	0.00	2.30	28.64	0.00	2.19	100.02
Sabah	0.00	0.00	0.00	0.00	1,700.00	0.00	0.00	0.00	1,700.00
Jumlah/Total	286.82	0.21	0.00	65.85	6,712.71	43.17	52.92	245.29	7,406.97

Nota : Pelbagai - Termasuk Ikan Banding, Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note : Miscellaneous - Includes Milk Fish, Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

JADUAL (TABLE) 19.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1995
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1995
 (Nilai Dalam RM'000/Value in RM'000)

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	4.80	1,344.19	0.00	1.29	0.00	1,350.28
Kedah	62.21	0.00	0.00	0.00	8,092.58	0.00	0.00	0.00	8,154.79
P.Pinang	572.85	0.00	0.00	0.00	7,558.12	0.00	0.00	241.69	8,372.66
Perak	249.48	0.00	0.00	0.00	27,432.38	0.00	0.00	0.00	27,681.86
Selangor	1,473.45	0.00	0.00	0.00	18,744.06	137.55	0.00	0.00	20,355.06
N. Sembilan	0.00	0.00	0.00	0.00	2,654.88	0.00	0.00	0.00	2,654.88
Melaka	20.02	0.00	0.00	12.16	1,320.70	1.08	0.00	2.92	1,356.88
Johor	510.05	0.00	0.00	1,584.21	15,742.71	17.42	0.33	120.92	17,975.64
Pahang	68.00	0.00	0.00	0.00	12,871.06	0.00	207.50	0.00	13,146.56
Terengganu	12.28	4.69	0.00	3.04	1,446.19	0.00	5.92	0.03	1,472.15
Kelantan	3.61	0.00	0.00	0.00	3,536.45	0.23	6.27	1.80	3,548.36
Sarawak	668.90	0.00	0.00	0.00	36.80	315.04	0.00	12.92	1,033.66
Sabah	0.00	0.00	0.00	0.00	30,600.00	0.00	0.00	0.00	30,600.00
Jumlah/Total	3,640.85	4.69	0.00	1,604.21	131,380.12	471.32	221.31	380.28	137,702.78

Nota: Pelbagai - Termasuk Ikan Banding, Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note: Miscellaneous - Includes Milk Fish, Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

JADUAL (TABLE) 19.4

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1995
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1995
 (Nilai Dalam RM'000/Value in RM'000)

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	6.96	1,910.33	0.00	1.72	0.00	1,919.01
Kedah	73.09	0.00	0.00	0.00	9,537.40	0.00	0.00	0.00	9,610.49
P.Pinang	614.14	0.00	0.00	0.00	8,400.88	0.00	0.00	241.69	9,256.71
Perak	338.58	0.00	0.00	0.00	36,199.42	0.00	0.00	0.00	36,538.00
Selangor	1,745.15	0.00	0.00	0.00	21,882.79	166.37	0.00	0.00	23,794.31
N. Sembilan	0.00	0.00	0.00	0.00	3,224.67	0.00	0.00	0.00	3,224.67
Melaka	25.87	0.00	0.00	13.00	1,374.48	1.35	0.00	3.85	1,418.55
Johor	591.36	0.00	0.00	1,745.54	17,904.18	20.15	0.41	134.98	20,396.62
Pahang	91.12	0.00	0.00	0.00	16,460.45	0.00	325.00	0.00	16,876.57
Terengganu	15.85	5.17	18.90	3.80	1,693.88	0.00	7.19	0.06	1,744.85
Kelantan	4.31	0.00	0.00	0.00	4,181.79	0.31	7.74	2.25	4,196.40
Sarawak	802.68	0.00	0.00	0.00	46.00	343.68	0.00	17.51	1,209.87
Sabah	0.00	0.00	0.00	0.00	30,600.00	0.00	0.00	0.00	30,600.00
Jumlah/Total	4,302.15	5.17	18.90	1,769.30	153,416.27	531.86	342.06	400.34	160,786.05

Nota: Pelbagai - Termasuk Ikan Banding, Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note: Miscellaneous - Includes Milk Fish, Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRPAYAU YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1995
NUMBER AND AREA OF BRACKISHWATER CAGES IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Kolam Airpayau Brackishwater Ponds		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	96	240.00	0	2	0	0	2
Kedah	2,251	23,649.21	97	13	0	2	112
P.Pinang	27,564	244,804.00	56	268	5	6	335
Perak	19,270	161,504.00	10	177	1	1	189
Selangor	6,479	111,971.17	2	31	0	0	33
N. Sembilan	33	659.44	4	0	0	0	4
Melaka	140	1,815.41	3	0	0	0	3
Johor	6,060	125,322.75	79	98	0	7	184
Pahang	88	613.27	14	0	0	0	14
Terengganu	709	6,909.56	30	0	0	0	30
Kelantan	241	18,851.04	62	0	0	0	62
Sarawak	21	109.00	14	2	0	5	21
Sabah	1,310	18,703.40	164	25	0	4	193
Jumlah/Total:	64,262	715,152.25	535	616	6	25	1,182

JADUAL (TABLE) 20.2

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN MENGIKUT NEGERI DAN SPESIES IKAN, 1995
ESTIMATED FISH PRODUCTION FROM BRACKISH WATER/MARINE CAGES BY STATE AND FISH SPECIES, 1995
(KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	15.51	0.00	0.00	15.51
Kedah	68.77	37.76	40.87	0.00	0.00	0.00	0.00	0.00	13.28	160.68
P.Pinang	370.94	139.54	197.85	369.46	0.00	0.00	27.31	0.00	0.00	1,105.10
Perak	758.81	140.60	634.09	0.00	0.00	0.00	0.00	0.00	0.00	1,533.50
Selangor	433.26	148.87	264.55	0.00	0.00	0.00	15.38	0.00	121.13	983.19
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	4.02
Johor	255.70	33.71	521.91	0.00	0.00	0.00	12.90	14.80	209.35	1,048.37
Pahang	3.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.21
Terengganu	2.87	0.84	0.00	0.00	0.00	0.00	0.00	0.03	0.15	3.89
Kelantan	18.58	0.42	0.05	0.00	0.00	0.00	0.00	0.35	0.00	19.40
Sarawak	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	4.00
Sabah	0.00	332.00	0.00	0.00	0.00	0.00	509.00	0.00	40.00	881.00
Jumlah/Total	1,919.18	833.74	1,659.32	369.46	0.00	0.00	580.10	15.36	384.71	5,761.87

Nota: Pelbagai - Termasuk Ikan Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note: Miscellaneous - Includes Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

JADUAL (TABLE) 20.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN, 1995
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISWATER/MARINE CAGES
BY STATE AND FISH SPECIES, 1995
(NILAI DALAM RM'000/VALUE IN RM'000)

Negeri <i>State</i>	Slakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Tilapia Merah <i>Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	195.43	0.00	0.00	195.43
Kedah	880.26	936.45	510.88	0.00	0.00	0.00	0.00	0.00	77.02	2,404.61
P.Pinang	4,837.06	4,190.39	2,354.42	3,879.33	0.00	0.00	297.68	0.00	0.00	15,558.88
Perak	9,561.01	3,978.98	7,418.85	0.00	0.00	0.00	0.00	0.00	0.00	20,958.84
Selangor	6,108.97	2,396.81	3,253.97	0.00	0.00	0.00	161.49	0.00	1,514.13	13,435.37
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	49.92	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	50.82
Johor	3,528.66	883.20	5,636.63	0.00	0.00	0.00	172.86	96.94	1,800.41	12,118.70
Pahang	32.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.10
Terengganu	29.13	18.76	0.00	0.00	0.00	0.00	0.00	0.15	0.15	48.19
Kelantan	203.45	6.55	0.30	0.00	0.00	0.00	0.00	1.72	0.00	212.02
Sarawak	32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.72	36.72
Sabah	0.00	14,940.00	0.00	0.00	0.00	0.00	2,545.00	0.00	2,400.00	19,885.00
Jumlah/Total	25,262.56	27,351.14	19,175.05	3,879.33	0.00	0.00	3,372.46	99.71	5,796.43	64,936.68

Nota : Pelbagai - Termasuk Ikan Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note : Miscellaneous - Includes Snapper, Rabbitfish, Horse Mackerel, Queenfish and Others.

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIS IKAN, 1995
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
BY STATE AND FISH SPECIES, 1995
 (Nilai dalam RM '000/Value In RM '000)

JADUAL (TABLE) 20.4

Negeri State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Tilapia Merah <i>Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	259.17	0.00	0.00	259.17
Kedah	1,034.30	1,090.51	599.15	0.00	0.00	0.00	0.00	0.00	99.60	2,823.56
P.Pinang	5,185.74	4,282.48	2,611.62	4,766.03	0.00	0.00	313.52	0.00	0.00	17,159.39
Perak	12,975.65	5,047.54	10,145.04	0.00	0.00	0.00	0.00	0.00	0.00	28,168.23
Selangor	7,235.44	5,240.22	3,783.07	0.00	0.00	0.00	195.33	0.00	1,695.82	18,149.88
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	64.51	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.00	65.75
Johor	4,091.20	1,018.04	6,654.35	0.00	0.00	0.00	199.95	121.36	2,009.76	14,094.66
Pahang	43.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.01
Terengganu	37.60	20.66	0.00	0.00	0.00	0.00	0.00	0.19	0.30	58.75
Kelantan	242.49	7.81	0.40	0.00	0.00	0.00	0.00	2.12	0.00	252.82
Sarawak	38.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.40	44.80
Sabah	0.00	14,940.00	0.00	0.00	0.00	0.00	2,545.00	0.00	2,400.00	19,885.00
Jumlah/Total	30,948.34	31,647.26	23,793.63	4,766.03	0.00	0.00	3,512.97	124.91	6,211.88	101,005.02

Nota: Pelbagai - Termasuk Ikan-ikan seperti Tanda, Dengkis, Cermin, Talang dan Lain - lain.

Note: Miscellaneous - Includes Snapper, Rabbitfish and Horse Mackerel, Queenfish and Others.

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN KERANG
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1995
NUMBER AND AREA OF COCKLE CULTURE AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Ternakan Kerang Cockles Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas Kawasan LTS (HA) TOL Area(Ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	3	69.63	0	0	0	3	3
P.Pinang	28	1,098.00	2	13	0	13	28
Perak	231	2,913.28	32	160	0	28	220
Selangor	16	626.07	11	0	0	5	16
N. Sembilan	0	0.00	0	0	0	0	0
Melaka	0	0.00	0	0	0	0	0
Johor	2	45.53	0	1	0	1	2
Pahang	0	0.00	0	0	0	0	0
Terengganu	0	0.00	0	0	0	0	0
Kelantan	0	0.00	0	0	0	0	0
Sarawak	0	0.00	0	0	0	0	0
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	280	4,752.51	45	174	0	50	269

MALAYSIA
PENGELUARAN KERANG DEWASA MENGIKUT BULAN DAN NEGERI, 1995
PRODUCTION OF COCKLES BY MONTH AND STATE, 1995
(Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

JADUAL (TABLE) 21.2

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang	1,131.77	935.57	1,129.73	1,144.77	1,008.25	1,104.44	1,398.24	1,459.12	1,519.86	1,480.30	1,542.99	1,258.80	15,113.84
Perak	4,446.73	4,901.54	4,794.56	5,107.62	6,411.02	6,830.85	6,922.76	6,683.35	6,306.62	6,113.11	6,021.92	5,716.65	70,256.73
Selangor	1,724.72	1,606.42	1,604.94	973.74	712.80	682.81	1,068.53	1,124.29	1,022.35	952.93	1,243.51	1,081.97	13,799.01
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.97	0.00	20.97
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	55.71	55.23	45.73	40.92	46.10	38.16	36.26	32.30	36.54	29.36	29.20	21.70	467.21
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	53.00	49.00	61.00	66.00	48.00	48.00	52.00	51.00	30.00	73.00	36.00	51.00	618.00
Jumlah/Total:	7,411.93	7,547.76	7,635.96	7,333.05	8,226.17	8,704.26	9,477.79	9,350.06	8,915.37	8,648.70	8,894.59	8,130.12	100,275.76

JADUAL(TABLE) 22.1

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN SIPUT SUDU
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI,1995
NUMBER AND AREA OF MUSSEL CULTURE AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Ternakan Siput Sudu Mussel Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	2	306.05	1	0	0	0	1
P.Pinang	2	968.00	4	0	0	0	4
Perak	1	1,006.26	9	0	0	0	9
Selangor	11	1,828.00	6	0	0	3	9
N. Sembilan	3	2,814.00	14	0	0	2	16
Melaka	5	5,169.12	22	1	0	3	26
Johor	26	49,938.32	78	19	0	9	106
Pahang	0	0.00	0	0	0	0	0
Terengganu	0	0.00	0	0	0	0	0
Kelantan	0	0.00	0	0	0	0	0
Sarawak	0	0.00	0	0	0	0	0
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	50	62,029.75	134	20	0	17	171

JADUAL (TABLE) 22.2

MALAYSIA
PENGELUARAN SIPUT SUDU MENGIKUT BULAN DAN NEGERI, 1995
PRODUCTION OF MUSSELS BY MONTH AND STATE, 1995
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21
P.Pinang	0.62	0.50	0.00	0.00	0.45	0.60	0.56	0.47	0.00	0.00	0.00	0.84	4.04
Perak	0.00	0.68	0.00	0.00	0.00	1.33	0.00	0.00	0.00	3.85	1.02	0.00	6.88
Selangor	5.58	4.18	0.62	0.44	1.99	0.34	0.33	3.96	1.88	0.75	1.25	0.20	21.52
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	1.10	2.60
Melaka	5.80	9.45	9.36	12.85	0.99	2.85	2.55	4.05	6.10	5.95	2.95	1.28	64.18
Johor	133.56	31.31	52.75	51.38	47.57	61.23	86.71	36.20	42.92	29.83	59.93	27.97	661.36
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.50	2.80	0.90	1.00	2.30	0.70	1.30	0.81	2.00	1.70	0.90	2.10	17.01
Jumlah/Total:	146.06	48.92	63.84	65.67	53.30	67.05	91.45	45.49	52.90	42.08	67.55	33.49	777.80

MALAYSIA
 BILANGAN DAN LUAS KAWASAN TERNAKAN TIRAM
 SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1995
 NUMBER AND AREA OF OYSTER CULTURE AND NUMBER
 OF CULTURISTS BY RACE AND STATE, 1995

Negeri State	Ternakan Tiram Oysters Culture		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area(M2)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	32	1,933.88	13	0	0	0	13
P.Pinang	2	153.00	1	1	0	0	2
Perak	2	75.64	14	0	0	0	14
Selangor	9	740.48	8	0	0	0	8
N. Sembilan	0	0.00	0	0	0	0	0
Melaka	0	0.00	0	0	0	0	0
Johor	7	7,000.00	10	0	0	0	10
Pahang	0	0.00	0	0	0	0	0
Terengganu	81	19,793.16	27	0	0	0	27
Kelantan	18	1,781.80	11	0	0	0	11
Sarawak	0	0.00	0	0	0	0	0
Sabah	7	51,840.00	90	0	0	0	90
Jumlah/Total:	158	83,317.96	174	1	0	0	175

JADUAL (TABLE) 21.3

MALAYSIA
PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 1995
PRODUCTION OF COCKLES SEEDS BY MONTH AND STATE, 1995
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59
Perak	65.70	0.00	0.00	0.00	0.00	110.60	26.69	0.00	0.00	0.00	0.00	943.11	1,146.10
Selangor	360.80	319.06	949.11	945.15	0.00	894.34	0.00	0.00	0.00	0.00	0.00	0.00	3,468.46
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	426.50	319.65	949.11	945.15	0.00	1,004.94	26.69	0.00	0.00	0.00	0.00	943.11	4,615.15

JADUAL (TABLE) 23.2

MALAYSIA
PENGELUARAN TIRAM MENGIKUT BULAN DAN NEGERI, 1995
PRODUCTION OF OYSTER BY MONTH AND STATE, 1995
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.85	0.86	0.63	0.73	0.65	0.75	0.69	0.67	0.55	0.55	0.57	0.54	8.04
P.Pinang	0.19	0.17	0.18	0.17	0.16	0.15	0.17	0.10	0.05	0.08	0.08	0.05	1.55
Perak	0.00	0.00	0.00	0.08	0.00	0.05	0.00	0.83	0.15	0.21	0.14	0.07	1.53
Selangor	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02	0.02	0.00	0.02	0.23
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Johor	0.12	0.00	0.00	0.08	0.09	0.09	0.14	0.15	0.15	0.11	0.07	0.07	1.07
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Terengganu	0.03	0.90	0.04	0.04	0.06	0.19	0.03	0.05	0.03	0.05	1.01	0.70	3.13
Kelantan	0.00	0.00	0.00	0.04	0.05	0.04	0.06	0.00	0.00	0.00	0.05	0.05	0.29
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sabah	0.59	2.30	0.31	0.50	2.57	0.20	0.50	0.80	0.60	0.70	0.40	0.80	10.27
Jumlah/Total:	1.81	4.25	1.18	1.65	3.60	1.49	1.62	2.62	1.55	1.72	2.32	2.30	26.11

JADUAL (TABLE) 24.1

MALAYSIA
HARGA BORONG IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1995
WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1995
(RM/KG)

Jenis/Negeri Species/State	Lampam Jawa Javanese Carp	Lee Koh Lee Koh	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Fresh- water Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant Snake- head	Baung River Catfish	Pelbagai Miscell- aneous
Perlis	2.20	2.00	0.00	2.10	12.00	2.90	2.90	5.50	2.90	0.00	0.00	0.00	0.00	0.00	2.50
Kedah	3.00	2.90	2.60	2.90	12.90	3.00	3.50	7.00	3.00	18.00	0.00	5.00	0.00	4.75	4.75
P.Pinang	2.90	0.00	0.00	0.00	24.12	3.50	3.95	10.10	3.40	0.00	4.00	0.00	0.00	0.00	0.00
Perak	4.00	3.80	4.40	2.35	20.00	3.30	3.80	7.50	3.50	27.70	0.00	4.30	1.80	9.10	2.50
Selangor	4.00	4.50	3.60	2.00	13.10	2.90	4.20	8.20	3.45	28.40	0.00	4.00	0.00	6.80	2.30
N.Sembilan	3.30	3.30	3.20	2.00	15.20	2.60	3.20	5.50	3.40	15.40	0.00	3.00	0.00	6.60	3.70
Melaka	4.00	3.20	3.20	2.00	20.35	2.80	3.70	6.90	3.40	25.30	2.50	2.70	0.00	0.00	4.30
Johor	3.65	3.95	3.80	3.00	17.35	2.90	4.55	8.10	3.80	35.85	3.00	4.05	5.05	7.45	3.65
Pahang	4.25	4.00	3.35	3.35	29.90	2.35	4.35	8.00	3.25	24.55	14.00	7.35	3.00	9.00	2.00
Terengganu	3.50	3.95	3.90	3.90	12.05	3.45	3.55	8.80	4.00	21.95	3.15	5.50	2.90	6.45	2.50
Kelantan	4.60	5.25	5.10	4.10	15.05	4.05	4.40	7.55	3.90	16.75	5.90	4.70	4.00	7.45	4.05
Sarawak	6.00	5.00	6.00	6.00	20.00	3.50	6.00	6.00	0.00	8.00	0.00	6.00	0.00	0.00	3.00
Sabah	6.00	10.00	10.00	7.00	8.00	7.00	10.00	8.00	6.00	25.00	0.00	10.00	10.00	7.00	6.00
Harga Bertimbang Weighted price	5.26	8.60	4.51	2.79	17.65	6.65	5.85	7.07	3.45	25.50	14.00	6.54	4.42	8.06	2.98

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, dan Sepat Siam
 Note: Miscellaneous - Includes Snake Head, and Snakeskin Gouramy

JADUAL (TABLE) 24.2

MALAYSIA
HARGA RUNCIT IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1995
RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1995
(RM/KG)

Jenis/Negeri <i>Species/State</i>	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Lee Koh</i>	Kap Rumput <i>Grass Carp</i>	Kap Kepala Besar <i>Big Head Carp</i>	Udang Galah <i>Giant Fresh- water Prawn</i>	Tilapia Hitam <i>Black Tilapia</i>	Tilapia Merah <i>Red Tilapia</i>	Jelawat <i>River Carp</i>	Keli <i>Fresh- water Catfish</i>	Ketutu <i>Goby</i>	Belut <i>Eel</i>	Patin <i>River Catfish</i>	Toman <i>Giant Snake- head</i>	Baung <i>River Catfish</i>	Pelbagai <i>Miscell- aneous</i>
Perlis	3.30	3.50	0.00	3.70	13.30	3.80	4.00	7.00	4.30	0.00	0.00	0.00	0.00	0.00	4.00
Kedah	3.90	4.40	4.00	4.10	15.00	4.00	4.75	9.10	4.40	20.00	0.00	12.00	0.00	7.40	2.50
P.Pinang	3.20	0.00	0.00	0.00	26.70	3.80	4.30	10.10	4.00	0.00	5.30	0.00	0.00	0.00	0.00
Perak	5.60	5.40	6.00	3.90	24.20	5.00	5.40	10.10	5.20	36.00	0.00	6.15	2.90	11.95	3.60
Selangor	5.80	5.00	5.20	2.70	19.10	4.10	5.40	10.40	5.09	42.80	0.00	5.85	6.36	9.73	3.36
N.Sembilan	5.30	5.30	5.00	4.20	20.70	4.20	4.70	8.30	5.65	30.00	0.00	5.00	0.00	10.75	5.90
Melaka	4.10	4.00	4.05	2.80	22.90	3.70	4.60	8.00	5.00	31.20	2.50	3.40	0.00	0.00	5.20
Johor	4.85	4.95	5.35	5.00	20.70	4.35	5.90	10.35	5.00	42.45	4.00	5.30	6.85	9.65	4.60
Pahang	5.00	5.75	4.35	4.35	38.50	3.65	5.65	10.00	4.35	32.25	14.00	9.85	3.80	14.25	3.00
Terengganu	5.05	5.05	4.95	4.95	16.90	4.15	5.45	13.50	5.60	24.60	5.10	8.05	3.40	9.45	3.20
Kelantan	5.95	6.70	6.40	4.75	18.35	5.40	5.60	9.40	5.25	21.10	7.45	6.10	5.45	9.25	5.40
Sarawak	7.00	6.50	6.80	7.00	24.00	3.50	8.00	8.00	0.00	12.00	0.00	8.00	0.00	0.00	4.50
Sabah	6.00	10.00	10.00	7.00	8.00	7.00	10.00	8.00	6.00	25.00	0.00	10.00	10.00	7.00	6.00
Harga Bertimbang <i>Weighted price</i>	5.81	8.97	5.92	4.20	21.65	6.78	5.91	16.10	5.05	30.78	14.00	8.60	5.91	11.20	5.86

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, dan Sepat Siam
 Note: Miscellaneous - Includes Snake Head, and Snakeskin Gouramy

JADUAL (TABLE) 25.1

MALAYSIA
HARGA BORONG IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN SPESIES IKAN, 1995
WHOLESALE PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 1995
(RM/KG)

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Ketam Mud Crab	Udang Harimau Tiger Prawn	Kerang Cockles	Siput Sudu Mussels	Tilapia Merah Red Tilapia	Tiram Oyster	Pelbagai Miscellaneous
Perlis	0.00	0.00	0.00	0.00	10.00	12.60	17.00	0.00	0.00	3.00	0.00	0.00
Kedah	12.80	24.80	12.50	0.00	0.00	0.00	20.50	0.50	0.80	4.30	0.80	5.80
P. Pinang	13.04	30.03	11.90	10.50	6.60	10.90	22.60	0.50	0.65	0.00	0.63	1.06
Perak	12.60	28.30	11.70	0.00	0.00	9.00	19.40	0.35	0.70	0.00	0.50	0.00
Selangor	14.10	16.10	12.30	12.50	0.00	10.50	20.70	0.40	0.60	0.00	0.70	12.50
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	21.20	0.50	0.80	3.00	0.00	0.00
Melaka	13.00	0.00	0.00	0.00	18.70	12.00	22.10	0.00	0.50	5.00	0.00	5.30
Johor	13.80	26.20	10.80	0.00	24.55	13.40	21.85	0.30	0.45	6.55	14.45	8.60
Pahang	10.00	16.25	8.75	8.00	8.40	6.50	17.75	0.00	0.00	4.15	0.00	0.00
Terengganu	10.15	22.33	6.00	0.00	16.00	5.10	18.10	0.90	0.00	5.10	7.55	1.00
Kelantan	10.95	15.60	6.00	5.00	24.40	5.80	20.55	0.65	0.00	4.90	9.30	4.00
Sarawak	10.00	0.00	0.00	0.00	0.00	11.00	16.00	0.00	0.00	0.00	0.00	5.90
Sabah	5.00	45.00	4.00	4.00	8.00	5.00	18.00	2.50	3.50	0.00	20.25	60.00
Harga Bertimbang Weighted Price	13.10	32.80	11.56	10.50	24.36	5.59	19.57	0.39	0.53	4.70	9.88	9.80

Nota: Pelbagai - Termasuk Ikan-ikan Tanda, Dengkis, Cupak/Cermin dan Talang.
 Nota: Miscellaneous - Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

JADUAL (TABLE) 25.2

HARGA RUNCIT IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN SPESIES IKAN, 1995
RETAIL PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 1995
(RM/KG)

Negeri State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Ketam <i>Mud Crab</i>	Udang Harimau <i>Tiger Prawn</i>	Kerang <i>Cockles</i>	Siput Sudu <i>Mussels</i>	Tilapia Merah <i>Red Tilapia</i>	Tiram <i>Oyster</i>	Pelbagai <i>Miscellaneous</i>
Perlis	0.00	0.00	0.00	0.00	14.50	16.71	19.60	0.00	0.00	4.00	0.00	0.00
Kedah	15.04	28.88	14.66	0.00	0.00	0.00	24.16	1.00	1.00	5.00	1.22	7.50
P. Pinang	13.98	30.69	13.20	12.90	7.40	11.48	25.12	0.67	1.05	0.00	0.75	1.06
Perak	17.10	35.90	16.00	0.00	0.00	11.00	25.60	0.60	1.00	0.00	1.20	0.00
Selangor	16.70	18.50	14.30	14.20	0.00	12.70	24.10	0.70	1.10	0.00	1.00	14.00
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	25.75	1.00	1.00	3.50	0.00	0.00
Melaka	16.80	0.00	0.00	0.00	20.00	15.00	23.00	0.00	0.80	6.90	0.00	7.00
Johor	16.00	30.20	12.75	0.00	27.05	15.50	24.85	0.70	0.75	8.20	15.20	9.60
Pahang	13.40	22.05	11.25	12.00	12.25	10.15	22.70	0.00	0.00	6.50	0.00	0.00
Terengganu	13.10	24.60	8.00	0.00	20.00	7.60	21.20	1.15	0.00	6.20	9.15	2.00
Kelantan	13.05	18.60	8.00	5.50	27.35	7.75	24.30	0.95	0.00	6.05	11.30	5.00
Sarawak	12.00	0.00	0.00	0.00	0.00	12.00	20.00	0.00	0.00	0.00	0.00	7.99
Sabah	5.00	45.00	4.00	4.00	8.00	5.00	18.00	2.50	3.50	0.00	20.25	60.00
Harga Bertimbang Weighted Price	15.98	37.95	14.35	12.90	26.87	6.49	22.85	0.64	0.83	6.84	10.30	10.50

Nota: Pelbagai - Termasuk Ikan-ikan Tanda, Dengkis, Cupak/Cermin dan Talang.

Nota: Miscellaneous - Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

PENGELUARAN HASIL IKAN HIASAN MENGIKUT NEGERI, 1995
 PRODUCTION OF ORNAMENTAL FISH BY STATE, 1995
 (BILANGAN DALAM EKOR / NUMBER IN PIECES)

JADUAL (TABLE) 26.1

Negeri/Kumpulan <i>State/Group</i>	Cyprinids Barb/Danio	Cyprinids Goldfish/Koi	Anabantids	Poecilids	Characins	Cichlids	Osteoglossids	Catfish	Loach	Aquatic Plants	Lain-Lain <i>Others</i>	Jumlah <i>Total</i>
Perlis	0	0	0	0	0	0	0	0	0	0	0	0
Kedah	0	0	0	0	0	0	0	0	0	0	0	0
P.Pinang	0	176,474	0	2,791,498	0	9,360,183	0	0	0	0	320,862	12,649,017
Perak	15,870,670	31,020,484	1,851,381	758,278	1,215,215	2,365,435	275,738	0	634,197	0	1,664,274	55,655,672
Selangor	3,884,385	8,671,742	1,634,455	8,184,815	0	121,307	127,692	2,541,067	0	191,538	2,470,835	27,827,836
N.Sembilan	1,800	1,850	0	14,600	0	4,950	0	0	0	0	5,000	28,200
Melaka	0	0	0	0	0	0	0	0	0	0	0	0
Johor	19,634,493	21,407,567	6,329,840	39,441,618	31,037,796	22,533,272	465,987	4,008,899	0	10,789,500	1,198,832	156,847,804
Pahang	0	0	0	0	0	0	0	0	0	0	0	0
Terengganu	0	0	0	0	0	0	0	0	0	0	0	0
Kelantan	0	0	0	250	0	0	0	0	0	0	0	250
Sarawak	200	6,000	0	200	0	3,000	0	40,000	0	0	10,000	59,400
Sabah	0	0	7,022	0	0	0	0	0	0	0	0	7,022
Jumlah/Total	39,391,548	61,284,117	9,822,698	51,191,259	32,253,011	34,388,147	869,417	6,589,966	634,197	10,981,038	5,669,803	253,075,201

MALAYSIA
PENGELUARAN DAN NILAI IKAN HIASAN MENGIKUT NEGERI, 1995
PRODUCTION AND VALUE OF ORNAMENTAL FISH BY STATE, 1995

Negeri <i>State</i>	Pengeluaran(Ekor) <i>Production(Pieces)</i>	Nilai (RM) <i>Value (RM)</i>
Perlis	0	0.00
Kedah	0	0.00
P.Pinang	12,649,017	2,466,558.00
Perak	55,655,672	11,019,823.00
Selangor	27,827,836	4,842,043.00
N.Sembilan	28,200	5,640.00
Melaka	0	0.00
Johor	156,847,804	30,758,576.00
Pahang	0	0.00
Terengganu	0	
Kelantan	250	50.00
Sarawak	59,400	6,314.00
Sabah	7,022	35,110.00
Jumlah/Total	253,075,201	49,134,114.00

MALAYSIA
BILANGAN DAN PENGELUARAN KILANG "FEEDMILL"
MENGIKUT NEGERI, 1995
NUMBER AND PRODUCTION OF FEEDMILLS BY STATE, 1995

JADUAL (TABLE) 27.1

Negeri State	Bilangan Number	Pengeluaran(Tan/Metrik) Production (Tonnes)
Perlis	1	0.60
Kedah	5	13.90
P.Pinang	0	0.00
Perak	6	22,214.00
Selangor	1	800.00
N.Sembilan	0	0.00
Melaka	1	3,000.00
Johor	4	6,719.26
Pahang	4	5,005.68
Terengganu	0	0.00
Kelantan	0	0.00
Sarawak	0	0.00
Sabah	0	0.00
Jumlah/Total	22.00	37,753.44

MALAYSIA
 BILANGAN DAN PENGELUARAN PUSAT PENGELUARAN BENIH IKAN/UDANG SWASTA
 MENGIKUT NEGERI, 1995
 NUMBER AND PRODUCTION OF PRIVATE FISH/PRAWN FRY HATCHERY CENTRE
 BY STATE, 1995

Negeri <i>State</i>	Bilangan <i>Numbers</i>	Pengeluaran (Juta Ekor) <i>Production (Million Pieces)</i>	
		Benih Udang <i>Prawn Fry</i>	Benih ikan <i>Fish Fry</i>
Perlis	1	8.00	0.00
Kedah	16	116.05	33.15
P.Pinang	5	41.00	0.00
Perak	22	297.05	6.18
Selangor	13	147.00	83.10
Wilayah Persekutuan Kuala Lumpur	0	0.00	0.00
Negeri Sembilan	4	0.00	1.62
Melaka	11	0.36	7.18
Johor	18	966.93	0.00
Pahang	0	0.00	0.00
Terengganu	4	263.00	0.00
Kelantan	5	0.00	0.54
Sarawak	16	0.35	0.11
Sabah	22	228.00	0.00
Jumlah/Total	137.00	2,067.74	131.88

PERAIRAN UMUM

PUBLIC WATER BODIES

JADUAL (TABLE) 29.1

MALAYSIA
PENDARATAN IKAN AIRTAWAR DARI PERAIRAN UMUM /PERIKANAN DARAT MENGIKUT BULAN DAN NEGERI, 1995
LANDINGS OF FRESHWATER FISH FROM PUBLIC WATERBODIES /INLAND FISHERIES BY MONTH AND STATE, 1995
(KUANTITI DALAM TAN METRIK/QUANTITY IN TONNES)

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	1.73	1.18	1.20	1.16	1.57	1.83	3.63	1.94	2.20	2.81	2.81	3.15	25.21
Kedah	18.05	16.65	17.30	14.22	13.89	16.46	16.25	16.41	18.85	19.10	18.60	16.72	202.50
P.Pinang	1.18	0.78	3.90	3.70	3.97	2.97	1.76	3.01	2.43	1.69	2.87	0.70	28.96
Perak	88.39	90.32	84.42	100.56	105.59	90.94	76.92	77.00	64.88	97.72	100.10	77.75	1,054.59
Selangor	6.26	9.44	13.65	9.28	13.55	10.09	13.06	16.73	16.26	13.30	16.02	14.51	152.15
N. Sembilan	0.00	0.57	0.29	0.00	0.38	0.26	0.36	0.00	0.00	0.00	0.00	0.00	1.86
Melaka	0.63	0.66	0.62	0.53	0.56	0.65	0.61	0.63	0.70	0.65	0.42	0.33	6.99
Johor	18.90	15.64	14.07	11.84	13.53	12.64	15.49	16.35	12.70	15.93	13.57	15.33	175.99
Pahang	27.27	29.97	25.59	28.39	17.66	113.28	18.88	16.29	14.69	17.54	22.26	21.19	353.01
Terengganu	5.29	6.89	7.35	7.98	5.37	8.47	7.16	6.25	5.05	5.53	7.63	9.69	82.66
Kelantan	8.53	16.72	9.04	9.11	9.34	9.14	8.62	7.52	6.67	10.54	33.23	26.56	155.02
Sarawak	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sabah	133.80	143.36	134.70	142.00	140.70	202.50	123.50	123.10	109.66	140.36	165.15	141.17	1,700.00
Jumlah/Total:	310.03	332.18	312.13	328.77	326.11	469.23	286.24	285.23	254.09	325.17	382.66	327.10	3,938.94

Nota: NA - Tiada Maklumat
Note: NA - Not Available

**KLASIFIKASI PERANGKAAN PIAWAIAN IKAN-IKAN
AIRTAWAR MALAYSIA**

*STANDARD STATISTICAL CLASSIFICATION OF COMMON
MALAYSIAN FRESHWATER FISHES*

DAN (AND)

**KLASIFIKASI PERANGKAAN PIAWAIAN IKAN-IKAN
LAUT MALAYSIA**

*STANDARD STATISTICAL CLASSIFICATION OF MALAYSIAN
MARINE FISHES*

KLASIFIKASI PERANGKAAN PIAWAIAN IKAN-IKAN AIRTAWAR MALAYSIA

STANDARD STATISTICAL CLASSIFICATION OF COMMON MALAYSIAN FRESHWATER FISHES

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
FRESHWATER FISHES				
11 Carps, Barbels and Others	Tengas	Carp	<i>Acrossocheilus hexagonoiepis</i>	
	Kap Kepala Besar	Big Head Carp	<i>Aristichthys nobilis</i>	
	Ikan Mas	Edible Gold Fish	<i>Carassius auratus</i>	
	Kap Lumpur	Mud Carp	<i>Cirrhina molitorella</i>	
	Kap Rumput	Grass Carp	<i>Ctenopharyngodon idellas cyprinids</i>	
	Temperas	Carp	<i>Cyclochelichthys apogon</i>	
	Lee Koh	Common Carp	<i>Cyprinus Carpio</i>	
	Semilang Batu	Carp	<i>Epbalzeorthynchus kalopterus</i>	
	Sebarau	Carp	<i>Hampala macrolepidota</i>	
	Kap Perak	Silver Carp	<i>Hypophthalmichthys molitrix</i>	
	Pucuk Pisang	Carp/Barb	<i>Labiobarbus fasciatus</i>	
	Lomah	Carp/Barb	<i>Labiobarbus ocellatus</i>	
	Jelawat	River Carp	<i>Leptobarbus hoevenii</i>	
	Jenkua	Carp	<i>Morulus chrysophekadion</i>	
	Kap Hitam	Black Carp	<i>Mylopheryngodon piceus</i>	
	Sia	Carp	<i>Mystacoleucus marginatus</i>	
	Terbol	Carp	<i>Osteochilus hasseltii</i>	

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
		Lalang	Carp	<i>Oxygaster anomalura</i>
		Bulu Ayam	Carp	<i>Oxygaster spp.</i>
		Temoleh, Temelian	Giant River Carp	<i>Probarbus jullieni</i>
		Putih, Tebal Sisek	Common Barb	<i>Puntius binotatus</i>
		Tengalan	Carp/Barb	<i>Puntius bulu</i>
		Kerai Kunyit	Carp/Barb	<i>Puntius daruphani</i>
		Lampam Jawa	Javanese Carp	<i>Puntius gonionotus</i>
		Bagoh	Spanner Barb	<i>Puntius lateristriga</i>
		Lampam Sungai	River Carp	<i>Puntius schwarefeldii</i>
		Susur Batang	Rasbora	<i>Rasbora einthovenii</i>
		Seluang	Two-spot Rasbora	<i>Rasbora elegans</i>
		Kelah	River Carp	<i>Tor tambroides</i>
12	Tilapias and Cichlids	Tilapia	Tilapia	<i>Tilapia mossambica</i>
13	Miscellaneous freshwater fishes	Puyu	Climbing Perch	<i>Anabas tertudineus</i>
		Tuna	River Eel	<i>Anquilla bicolor/A. nebulosa</i>
		Kepala Timah	White Spot	<i>Aplocheilus panchax</i>
		Lali-lali	Loach	<i>Botia spp.</i>
		Keli	Freshwater Catfish	<i>Clarias batrachus/C. macrocephalus</i>
		Limbat	Freshwater Catfish	<i>Clarias nieuhofi</i>
		Belut	Swamp Eel	<i>Fluta alba</i>
		Temakang	Kissing Gourami	<i>Helostoma temminckii</i>
		Susoh Batu	Loach	<i>Homaloptera spp.</i>

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
		Baung	River Catfish	<i>Mystus spp.</i>
		Tengku Lolah	River Catfish	<i>Mystus wyckii</i>
		Belida	Feather back	<i>Notopterus notopterus</i>
		Kalui	Giant Gourami	<i>Osphronemus goramy</i>
		Bujuk	Snake Head	<i>Ophicephalus lucius</i>
		Toman	Snake Head	<i>Ophicephalus micropeltes</i>
		Haruan	Snake Head	<i>Ophicephalus striatus</i>
		Ketutu	Goby	<i>Oxyeleotris marmoratus</i>
		Lawang	River Catfish	<i>Pangasius micronemus</i>
		Patin	River Catfish	<i>Pangasius pangasius</i>
		Kepar, Patung	Perch	<i>Pristolepis fasciatus</i>
		Kelisa	Sclerapages	<i>Scleropages formosus</i>
		Sepat Siam	Snakeskin Gouramy	<i>Trichogaster pectoralis</i>
		Sepat Padi	Two-spot Gouramy	<i>Trichogaster trichopterus</i>
		Tapah	Giant River Catfish	<i>Wallago spp.</i>
CRUSTACEANS				
41 Freshwater Crustaceans		Udang Galah	Giant Freshwater Prawn	<i>Macrobrachium rosenbergii</i>

KLASIFIKASI PERANGKAAN PIAWAIAAN IKAN-IKAN LAUT MALAYSIA

STANDARD STATISTICAL CLASSIFICATION OF MALAYSIAN MARINE FISHES

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
2	DIADROMOUS FISHES			
24	Shads, Milk-fishes, etc.	Kebasi/Selangat	+ Chacunda shad (Gizzard shad)	<i>Anodontosoma chacunda</i>
		Puput	+ Shad	<i>Pellona spp.</i>
		Beliak mata	+ Slender shad	<i>Ilisha elongata</i>
		Terubok	0 Longtail shad	<i>Hilsa macrura</i>
25	Miscellaneous diadromous fishes	Siakap	+ Giant sea perch (Barramundi)	<i>Lates calcarifer</i>
3	MARINE FISHES			
31	Flounders, Halibuts, Soles, etc.	Lidah	+ Tonguefish (Tongue sole)	<i>Cynoglossus spp.</i>
		Sebelah	+ Flatfish	<i>Pseudorhombus spp.</i>
33	Redfishes, Basses, Congers, etc.	Bayan	+ Parrotfish	<i>Callyodon spp. / Thalassoma spp.</i>
		Biji nangka	+ Goatfish	<i>Upeneus spp.</i>
		Daun Baharu	+ Spotted sicklefish	<i>Drepane punctata</i>
		Deiah	+ Fusilier	<i>Caesio erythrogaster/C. chrysona</i>
		Dengkis/Debam	+ Spinefeet (Rabbit fish)	<i>Siganus spp.</i>
		Duri/Pulutan/Utex	+ Marine catfish	<i>Tachysurus spp./Arius spp./Osteogenius spp.</i>
		Gelama/Tengkerong	+ Jewfish	<i>Sciaena spp. /Johnius spp. Otolithus spp. /Otolithoides spp.</i>
		Gerut-gerut	+ Grunter	<i>Promadasys spp.</i>

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
		Jebong	+ Triggerfish	<i>Abalistes stellaris</i>
		Jenahak	+ Mangrove snapper	<i>Lutianus johni</i>
		Kaci	+ Sweetlip	<i>Spilotichthys picus</i>
		Kapas laut	+ Majorras (Silver biddies)	<i>Gerres filamentosus/G. abbreviatus</i>
		Kerapu	+ Grouper	<i>Epinephelus spp. /Plectropomus spp.</i>
		Kerisi	+ Threadfin bream	<i>Nemipterus spp.</i>
		Kerisi bali	+ Sharp toothed bass	<i>Pristipomoides typus</i>
		Kikek	+ Ponyfish (Slipmouth)	<i>Leiognathus spp./Gazz spp./Secutor spp.</i>
		Lumi-lumi	+ Bombay-duck	<i>Harpodon nehereus</i>
		Malong	+ Conger eel	<i>Muraenesox spp.</i>
		Merah	+ Red snapper	<i>Lutianus argentimaculatus/ L. malabaricus</i>
		Mengkerong/Ubi/Conor	+ Lizard fish	<i>Sauride spp.</i>
		Puntung Damar/Bulus-bulus	+ Sillago-whittings	<i>Sillago sihama/S. maculata</i>
		Pasir-Pasir/Timun-Timun/ Puyu Laut	+ Monocle bream	<i>Scolopsis spp.</i>
		Pelandok	+ Emperors (Scavengers)	<i>Lethrinus spp.</i>
		Pluru	+ Spadefish	<i>Ephippus orbis</i>
		Remong/Kunyit-Kunyit	+ Snapper	<i>Lutianus vitta/L. lineolatus</i>
		Semilang	+ Catfish eel	<i>Plotosus spp.</i>
		Shrumbu/Lemah	+ False trevally	<i>Lactarius lactarius</i>
		Tanda	+ Snapper	<i>Lutianus russelli</i>

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
34	Jacks, Mulletts, Sauries, etc.	Aji-Aji	+ Amberjack	<i>Seriola nigrifasciata</i>
		Alu-alu/Kacang-kacang	+ Barracuda	<i>Sphyræna jello/S. optusa</i>
		Aruan Tasik	+ Black kingfish	<i>Rachycentron canadus</i>
		Bawal hitam	0 Black pomfret	<i>Formio niger</i>
		Bawal putih	0 Silver pomfret	<i>Pampus argenteus</i>
		Bawal tambak	0 Chinese pomfret	<i>Pampus chinensis</i>
		Bawal selatan	0 Small pomfret	<i>Pampus spp.</i>
		Belanak/Kedera	0 Mullet	<i>Liza spp/Valamugil spp.</i>
		Cermin/Sagai/Cupak	+ Horse mackerel (Trevally)	<i>Alectis indicul/Caranx spp.</i>
		Cincaru	0 Hardtail scad	<i>Megalaspis cordyla</i>
		Demudok/Rambai	+ Horse mackerel (Trevally)	<i>Carangoides spp.</i>
		Gerong-gerong	+ Golden trevally	<i>Caranx speciosus</i>
		Kurau/Senangin/Senohong	0 Threadfin	<i>Polynemus spp/Eleutheronema tetradactylum</i>
		Kerepoh	0 Horse mackerel (Trevally)	<i>Caranx sexfasciatus</i>
		Lolong	0 Ox-eye scad	<i>Selar boops</i>
		Mata Besar/Selar	0 Big-eye scad	<i>Selar crymenophthalmus</i>
		Pisang-Pisang	0 Rainbow runner	<i>Elagatis bipinnulatus</i>
		Selar-Pelata	0 Selar scad	<i>Selar spp.</i>
		Selar Kuning	0 Yellow striped trevally	<i>Selaroides leptolepis</i>
		Selayang/Curut	0 Round scad	<i>Decapterus maruadis/D. macrosoma</i>
		Talang	0 Queenfish (Leatherskin)	<i>Scomberoides commersonianus</i>

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
35 Herrings, Sardines, Anchovies, etc.	Tamban sisek	0 Fringescale sardine	<i>Sardinella fimbriata</i>	
	Tamban buluh/T.Bulat	0 Rainbow sardine	<i>Dussumieria acuta</i>	
	Billis	0 Achovy	<i>Stolephorus spp.</i>	
	Parang-parang	0 Dorab wolf-herring	<i>Chirocentrus dorab</i>	
	Bulan-bulan	+ Indo-Pacific tarpon	<i>Megalops cyprinoides</i>	
36 Tunas,	Aya/Kayu/Tongkol hitam	0 Longtail tuna	<i>Thunnus tonggol</i>	
	Aya/Kayu/Tongkol Kurik	0 Kawakawa (eastern little tuna)	<i>Euthynnus affinis</i>	
	Aya/Kayu/Tongkol Selasih	0 Frigate tuna	<i>Auxis thazard</i>	
Billfishes, etc.	Layaran/Mersuji	0 Sailfish/Black & Blue marine	<i>Istiophorus spp./Makaira spp.</i>	
	Tenggiri	0 Spanish mackerel	<i>Scomberomorus spp.</i>	
37 Mackerels, Snoeks, Cutlass, fishes, etc.	Kembong/Temenong	0 Indian mackerel	<i>Rastrelliger kanagurta/R. brachysoma/R. faughni</i>	
	Timah/Layor/Selayor	+ Large-head hairtail (Ribbon fish)	<i>Trichiurus lepturus</i>	
38 Sharks, Rays, Chimaeras, etc.	Yu	+ Shark	<i>Galeorhinidae</i>	
	Pari	+ Ray	<i>Gymnura spp/Dasyatis spp.</i>	
39 Miscellaneous marine fishes	Ikan Baja	+/0 Trash fish	<i>Mixed spp.</i>	
	Ikan Campur	+/0 Mixed fishes	<i>Mixed spp.</i>	

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
4	CRUSTACEANS			
42	Sea spiders, Crabs, etc.	Ketam laut/Ketam renjong/ Ketam batu	Mud Crab	<i>Portunus pelagicus</i> <i>Scylla serrata</i>
43	Lobsters, Spiny rock lobsters, etc.	Udang karang	Spiny lobster	<i>Panulirus polyhagus</i>
		Udang lobok	Slipper lobster	<i>Thenus orientalis</i>
45	Shrimps, Prawns, etc.	Udang/puteh/udang kaki merah/udang susu	Banana prawn/Western king prawn	<i>Penaeus merguensis</i> / <i>P. indicus</i> / <i>P. latisulcatus</i>
		Udang harimau	Giant tiger prawn/ Green tiger prawn	<i>Penaeus monodon</i> / <i>P. semisulcatus</i>
		Udang pasir/Udang pasir kepala besar	Sand prawn	<i>Metapeneopsis stridulans</i> & <i>M. berbeensis</i> / <i>Trachypenaeus fulvus</i>
		Udang putih kecil	Small white prawn	<i>Metapenaeus lysianassa</i>
		Udang kuning	Yellow prawn	<i>Metapenaeus brevicornis</i>
		Udang merah ros/ Udang ekor biru	Pink prawns/Greasyback prawns	<i>Metapenaeus affinis</i> / <i>M. ensis</i> / <i>M. intermedius</i>
		Udang kulit keras	Rainbow prawn	<i>Parapenaeopsis sculptilis</i>
		Udang minyak/ Udang minyak jalur	Sharp-rostrum prawn	<i>Parapenaeopsis hardwickii</i> / <i>P. coromandelica</i> / <i>P. hungerfordi</i> / <i>P. gracilima</i>
		Udang merah	Red prawn	<i>Solenocera subnuda</i>
5	MOLLUSCS			
53	Oysters	Tiram	Rock oysters/Flat oysters	<i>Ostrea folium</i> / <i>Crassostrea</i> spp.
54	Mussels	Kupang/Siput Sudu/ Siput cangkul	Green mussel Sea-Green mussel	<i>Perna viridis</i> <i>Glauconome</i> spp.

ISSCAAP Code	Division group of species	Local Name	English Name	Scientific Name
56	Clams, Cockles, Arkshells, etc.	Kerang Retak seribu Lain-lain siput	Blood cockle Carpet clam Other clams/Snails	<i>Anadara granosa</i> <i>Paphia undulata</i> <i>Bivalves/Gastropods</i>
57	Squids, Cuttlefishes, Octopuses, etc.	Sotong biasa/Cumit-cumit Sotong katak Sotong kereta	Common squid Cuttlefish Octopus	<i>Loligo spp.</i> <i>Sepia spp.</i> <i>Octopodidae</i>
7	MISCELLANEOUS			
76	Sea-urchins, Sea-cucumbers & other echinoderms	Trepang	Sea cucumbers (Beche-de-mer)	<i>Holothuriodea</i>
77	Miscellaneous Aquatic invertebrates	Ubur-ubur	Jellyfish	<i>Rhopilema spp.</i>

NOTES:

+ = Demersal finfishes

0 = Pelagic finfishes

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

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

ISSCAAP = International Standard Statistical Classification of Aquatic Animals and Plants.