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ANNUAL FISHERIES STATISTICS



2003
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PENDAHULUAN

Perangkaan Tahunan Perikanan adalah pengeluaran tahunan Jabatan Perikanan Malaysia untuk menyebarkan maklumat-maklumat industri perikanan. Penerbitan Jilid I tahunan ini, menghasilkan data usaha dan pengeluaran ikan dari sektor tangkapan ikan laut, akuakultur dan perairan umum di Malaysia.

Maklumat di Jilid I ini mengandungi data untuk pengeluaran ikan dari berbaga sektor, nelayan, vesel menangkap ikan, perkakas menangkap ikan, penternak ikan dan harga-harga ikan yang dikutip oleh jabatan. Maklumat mengena import/eksport komoditi perikanan dikeluarkan dalam Jilid II.

Kami juga ingin memaklumkan bahawa pengeluaran untuk tahun 2003 juga termasuk data-data lebih terperinci terutamanya data-data untuk pengeluaran ikan dan harga-harga ikan yang merangkumi lebih spesis-spesis daripada penerbitan terdahulu.

Adalah diharapkan bahawa penerbitan ini akan memberi manfaat kepada semua yang berkenaan.

Terima kasih

Ketua Pengarah Perikanan
Jabatan Perikanan Malaysia
KUALA LUMPUR.

FOREWORD

The Annual Fisheries Statistics is a bulletin produced by the Department of Fisheries, Malaysia to disseminate information on the fishing industry. This volume I of the bulletin produces the effort and production data from the marine captured fisheries, aquaculture industry as well as from public water bodies in Malaysia.

The information includes data for fish production from the various sectors, fishermen, fishing vessels, fishing gears, fish culturists and fish prices collected by the department. Information on import/export of fisheries commodities are produced in volume II of the bulletin.

We are glad to inform that this bulletin for 2003, also contain more details especially for the fish production and fish price data, where more species are included compared to previous publications.

We hope that this bulletin will be beneficial to all.

Thank You

Director-General of Fisheries
Department of Fisheries Malaysia
KUALA LUMPUR

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KEDUDUKAN SEKTOR PERIKANAN DI MALAYSIA

STATUS OF MALAYSIAN FISHERIES SECTOR

KEDUDUKAN SEKTOR PERIKANAN DI MALAYSIA

1. PENDAHULUAN

Sektor perikanan masih memainkan peranan yang penting sebagai penyumbang utama ikan selaku sumber makanan dan protein yang penting kepada negara. Ia telah menyumbang 1.37% kepada KDNK* dan menyediakan peluang pekerjaan kepada 89,433 orang nelayan dan 21,114 orang penternak ikan. Seperti tahun-tahun yang lalu sektor perikanan laut pantai masih kekal sebagai pengeluaran utama hasil perikanan iaitu sekitar 1.08 juta tan metrik.

Sebagai agensi yang dipertanggungjawabkan mengurus sumber perikanan, Jabatan telah dan sedang mengambil beberapa tindakan untuk meningkatkan pengeluaran ikan negara. Antara usaha yang sedang diambil untuk menambahkan pengeluaran ikan negara adalah dengan menggalakkan tangkapan perikanan laut dalam serta membangunkan sektor akuakultur. Penambahan vesel laut dalam serta pengurusan sumber perikanan secara mampan dan berterusan akan menjamin keberkekalan sumber ini bagi masa akan datang. Namun begitu pergantungan kepada pengeluaran perikanan tangkapan mungkin tidak dapat lagi mampu memenuhi permintaan yang kian bertambah. Justeru itu sebagai alternatif sektor akuakultur telah diberi penekanan bagi menjamin pengeluaran ikan negara memandangkan sektor ini mempunyai kawasan berpotensi yang luas. Dijangkakan bahawa pengeluaran daripada sektor ini akan dapat ditingkatkan empat kali ganda menjelang tahun 2010.

Perancangan dan langkah bersepadu sedang diambil dengan penyertaan pihak swasta dan adalah diharapkan bahawa industri akuakultur akan menjadi pemangkin kepada peningkatan pengeluaran ikan negara dimasa akan datang.

2. PROFIL PERIKANAN

Sektor perikanan pada tahun 2003 telah menghasilkan RM 5.31 juta merangkumi 1,483,958 tan metrik pengeluaran ikan bernilai RM 5.22 juta dan 428 juta ekor ikan hiasan bernilai RM 97.64 juta. Pengeluaran ikan mencatatkan peningkatan

sebanyak 1.37% dari segi pengeluaran tetapi daripada segi nilai telah menurun sebanyak 1.69%. Sumbangan sektor perikanan kepada KDNK adalah 1.35% untuk tahun 2003 berbanding dengan 1.50% dalam tahun 2002. Namun begitu sumbangan kepada sektor pertanian telah menurun daripada 16.61% pada tahun 2002 kepada 13.90% pada tahun 2003.

Mengikut sektor, pengeluaran perikanan marin menyumbang 1,283,256 tan metrik atau 86.48% daripada pengeluaran ikan negara yang bernilai RM 4.01 juta. Perikanan pantai masih kekal sebagai penyumbang utama dengan pengeluaran sebanyak 1,084,802 tan metrik bernilai RM3.47 juta atau 73.07% daripada keseluruhan pengeluaran ikan negara. Sektor perikanan laut dalam telah menyumbang 198,453 tan metrik bernilai RM 546.55 juta iaitu 13.37% daripada keseluruhan pengeluaran ikan negara.

Sektor akuakultur pula telah mencatatkan pengeluaran sebanyak 196,874 tan metrik, menghasilkan 13.27% daripada jumlah pengeluaran ikan negara. Ini menunjukkan peningkatan sebanyak 2.63% jika dibandingkan dengan pengeluaran pada tahun 2002. Pengeluaran daripada sektor ini juga menunjukkan peningkatan nilai pengeluaran di mana ia telah bertambah sebanyak 8.42% daripada RM1,081.24 juta pada tahun 2002 kepada RM1,172.31 juta pada tahun 2003.

Disamping itu sektor perikanan darat pada tahun 2003 hanya mencatatkan pengeluaran sebanyak 3,828 tan metrik atau 0.26% daripada jumlah pengeluaran ikan negara. Industri ikan hiasan pula pada tahun laporan telah mencatat pengeluaran sebanyak 428.30 juta ekor ikan bernilai RM97.64 juta.

Daripada segi tenaga kerja sektor perikanan mempunyai seramai 89,433 orang nelayan yang bekerja di atas vesel menangkap ikan yang berlesen dan 21,114 orang penternak ikan terlibat dalam pelbagai sistem akuakultur. Angka ini tidak termasuk ramai lagi para pengusaha yang terlibat secara langsung atau tidak langsung dalam aktiviti hiliran dan industri yang berkaitan dengan industri

perikanan. Pada tahun 2003, jumlah vesel menangkap ikan yang dilesenkan ialah 35,458 unit dimana kebanyakannya mengusahakan peralatan tradisional.

3. PERIKANAN MARIN

3.1 Nelayan

Sejumlah 89,433 orang nelayan telah direkodkan pada tahun 2003 bekerja di atas vesel menangkap ikan berlesen, bertambah sebanyak 9.0% jika dibandingkan dengan tahun 2002. Seramai 41,270 orang nelayan bekerja diatas vesel pukat tunda dan pukat jerut ikan manakala selebihnya iaitu 48,163 orang nelayan bekerja diatas vesel menangkap ikan tradisional. Terdapat seramai 31,939 (58.0%) orang nelayan di Pantai Barat Semenanjung Malaysia, 23,116 (41.9%) orang di Pantai Timur dan 34,378 (38.4%) orang di Malaysia Timur.

Industri perikanan laut dalam seringkali menghadapi masalah kekurangan vesel yang besar dan kekurangan pekerja mahir. Berbagai langkah telah diambil untuk memastikan bahawa pembangunan industri perikanan laut dalam akan membawa keuntungan maksimum kepada negara. Langkah tersebut termasuklah pengeluaran permit laut dalam dan latihan kepada nelayan. Namun begitu industri penangkapan ikan laut dalam masih lagi bergantung kepada penggunaan tenaga kerja asing. Dengan penglibatan vesel carter dalam industri laut dalam, bilangan nelayan asing telah bertambah daripada 17,809 orang pada tahun 2002 kepada 30,008 orang pada tahun 2003, peningkatan sebanyak 68.5%. Seramai 15,826 orang nelayan asing telah diluluskan untuk bekerja di Semenanjung Malaysia, 8,379 orang di Sarawak, 5,767 di Sabah dan 36 orang di Labuan.

3.2 Vesel Menangkap Ikan

Bilangan vesel menangkap ikan yang berdaftar di Malaysia adalah sebanyak 35,458 buah pada tahun 2003 berbanding dengan 30,751 buah pada tahun 2002, meningkat sebanyak 15.3 %. Memandangkan sumber perikanan laut pantai telah dieksploitasikan ketahap maksimum, dasar Jabatan sekarang ini adalah untuk memberi keutamaan kepada vesel menangkap ikan laut dalam. Bilangan vesel di Semenanjung Malaysia mencatatkan peningkatan sebanyak 11.76% daripada 17,817 unit pada tahun 2002 kepada 19,912 unit pada tahun 2003. Pantai Timur

tidak menunjukkan perubahan manakala Pantai Barat pula mencatitkan kenaikan sebanyak 17.1%. Bilangan vesel menangkap ikan yang dilesenkan di Sabah dan Labuan tiada perubahan. Walau bagaimanapun bilangan vesel menangkap ikan di Sarawak meloncat dari 2,346 kepada 4,958 pada tahun 2003 iaitu sebanyak 111.0 %.

Pembangunan sektor perikanan laut dalam mengambil kira status sumber perikanan berdasarkan maklumat yang diperolehi dari sumber perikanan. Bilangan vesel menangkap ikan di sektor perikanan laut dalam agak kecil jika dibandingkan dengan bilangan vesel perikanan laut pantai. Pada tahun 2003 terdapat lebih daripada 30,000 buah vesel yang dilesenkan untuk menerokai perairan laut pantai berbanding dengan hanya 813 unit diperairan laut dalam iaitu peningkatan sebanyak 193 unit daripada 615 unit pada tahun 2002. Walau bagaimana adalah dijangkakan bahawa pengeluaran dari sektor ini akan berkembang dan akan menyumbang kepada peningkatan dalam pengeluaran ikan negara.

3.3 Perkakas Menangkap Ikan

Sesebuah vesel menangkap ikan yang dilesenkan pada kebiasaannya mengusahakan sejenis perkakas sahaja. Walau bagaimanapun terdapat vesel yang beroperasi lebih daripada sejenis alat menangkap ikan samada pada masa yang sama atau pun dimusim yang berlainan. Oleh sebab itu bilangan lesen yang dikeluarkan untuk perkakas menangkap ikan dengan bilangan lesen yang dikeluarkan untuk vesel menangkap ikan pada lazimnya tidak sama. Bilangan perkakas menangkap ikan yang dilesenkan meningkat sebanyak 20.3% daripada 30,775 unit pada tahun 2002 kepada 37,013 unit pada tahun 2003.

3.4 Pendaratan Ikan Marin

Pada tahun 2003, pendaratan ikan marin meningkat hanya sedikit (0.01%) daripada 1,272,078 tan metrik pada tahun 2002 kepada 1,283,256 tan metrik pada tahun 2003. Daripada segi nilai, terdapat penurunan sebanyak 4.6% daripada RM 4.206 juta pada tahun 2002 kepada RM 4.01 juta pada tahun 2003. Vesel menangkap ikan komersial yang mengusahakan pukat tunda dan pukat jerut ikan yang hanya merupakan 20% daripada jumlah bilangan vesel menangkap ikan telah

menghasilkan 77.3% daripada pengeluaran ikan marin. Pada keseluruhannya pendaratan vesel pukat tunda meningkat 3.40% daripada 703,676 tan metrik pada tahun 2002 kepada 727,513 tan metrik pada tahun 2003. Pendaratan vesel pukat jerut ikan pula menurun sebanyak 9.1% daripada 290,555 tan metrik pada tahun 2002 kepada 264,170 tan metrik pada tahun 2003.

Sebahagian besar daripada pengeluaran ikan marin masih disumbangkan oleh sektor perikanan laut pantai. Pada tahun 2003 ia telah meningkat sebanyak 0.32% daripada 1,081,337 tan metrik kepada 1,084,802 tan metrik, iaitu 84.5% daripada jumlah pengeluaran ikan marin. Semenjak dua dekad yang lalu sektor perikanan pantai merupakan penyumbang utama kepada pendaratan ikan marin yang kekal pada tahap lebih kurang 80% setiap tahun.

Bagi sektor perikanan laut pantai di Semenanjung Malaysia, vesel pukat tunda telah dapat mendaratkan sebanyak 452,968 tan metrik, iaitu peningkatan sebanyak 0.24% daripada pendaratan tahun 2002 iaitu sebanyak 451,883 tan metrik. Pukat jerut juga telah menampakkan peningkatan sebanyak 5.8% daripada 154,405 tan metrik pada tahun 2002 kepada 163,316 tan metrik pada tahun 2003.

Industri perikanan laut dalam merangkumi vesel menangkap ikan yang bermuatan 70 GRT keatas yang mengusahakan pukat tunda, pukat jerut (kecuali pukat jerut bilis) dan pancing yang beroperasi di kawasan perairan melebihi 30 batu notika. Pada tahun 2003 industri ini menyumbang sebanyak 198,453 tan metrik ikan atau merupakan 15.0% daripada jumlah pendaratan ikan marin di Malaysia. Pendaratan ini telah meningkat sebanyak 4.0% jika dibandingkan dengan tahun sebelumnya.

Jadual 2 menunjukkan pendaratan ikan marin mengikut negeri. Pada keseluruhannya sumbangan terbesar adalah dari negeri Perak samada dari segi kuantiti (17.7%) atau nilai (17.6%). Perak juga menghasilkan pengeluaran yang terbanyak untuk sektor perikanan pantai (18.5%), manakala negeri Sarawak dan Kelantan mengeluarkan hasil yang terbanyak untuk sektor laut dalam iaitu 29.5% dan 20.9% masing-masing.

Jadual (*Table*) 1
MALAYSIA
PENDARATAN SERTA NILAI PERIKANAN LAUT PANTAI DAN DALAM MENGIKUT NEGERI, 2003
Landings and Values of Marine Inshore Fisheries and Deep Sea by State, 2003

NEGERI/*STATE*	**Laut Pantai**/*Inshore*		**Laut Dalam**/*Deep Sea*		**Jumlah**/*Total*	
	Kuantiti/ *Quantity* (**Tan Metrik**/ *Tonnes*)	**Nilai**/Values (**RM**)	**Kuantiti**/ *Quantity* (**Tan Metrik**/ *Tonnes*)	**Nilai**/Values (**RM**)	**Kuantiti**/ *Quantity* (**Tan Metrik**/ *Tonnes*)	**Nilai**/Values (**RM**)
Perlis	58,146	134,946,423	21,369	47,708,917	79,515	182,655,340
Kedah	78,197	305,473,009	2,329	9,288,543	80,526	314,761,552
Pulau Pinang/*Penang*	32,113	121,894,439	94	356,827	32,207	122,251,266
Perak	200,895	623,883,817	26,608	82,632,137	227,503	706,515,954
Selangor	112,790	338,256,013	0	0	112,790	338,256,013
Negeri Sembilan	301	3,651,254	0	0	301	3,651,254
Melaka/Malacca	1,809	17,398,138	0	0	1,809	17,398,138
Johor	81,405	246,974,677	5,705	17,387,218	87,110	264,361,895
Pahang	110,900	305,739,913	21,690	59,422,031	132,590	365,161,944
Terengganu	78,040	297,203,266	12,895	49,125,609	90,935	346,328,875
Kelantan	33,511	88,685,557	41,557	109,982,266	75,068	198,667,823
Jumlah Kecil/*Sub-Total*	788,107	2,484,106,506	132,247	375,903,548	920,355	2,860,010,054
Malaysia:						
Semenanjung Malaysia/ *Peninsular Malaysia*	788,107	2,484,106,506	132,247	375,903,548	920,355	2,860,010,054
Sarawak	134,041	472,217,192	58,579	145,717,972	192,620	617,935,164
Sabah	155,537	479,239,388	4,732	16,162,302	160,269	495,401,690
Wilayah Persekutuan Labuan *Labuan Federal Territory*	7,117	31,504,926	2,895	8,768,158	10,012	40,273,084
Jumlah Kecil/*Sub-Total*	296,695	982,961,506	66,206	170,648,432	362,901	1,153,609,938
Jumlah Besar *Grand Total*	1,084,802	3,467,068,012	198,453	546,551,980	1,283,256	4,013,619,992

4. AKUAKULTUR

Sektor akuakultur mempunyai potensi untuk menyumbang kepada pengeluaran ikan negara. Perancangan yang teliti dan rapi serta usaha yang serius dalam memajukan sektor ini amatlah diperlukan terutama sekali melalui penglibatan pihak swasta. Namun begitu usaha yang sama harus diberikan untuk meningkatkan pengeluaran akuakultur daripada ladang yang kecil dan sederhana melalui penggunaan teknologi moden dan amalan pengurusan ladang yang mampan.

4.1 Pengeluaran Akuakultur

Pada keseluruhannya, industri akuakultur menyumbang sebanyak 13.27% daripada jumlah pengeluaran ikan negara. Industri ini akan merupakan sektor yang terus berpotensi untuk meningkatkan pengeluaran ikan negara. Berkemungkinan tinggi akuakultur akan memainkan peranan utama dalam pengeluaran makanan di abad yang akan datang. Walaupun perancangan dan berbagai usaha telah diambil untuk membangunkan sektor ini, ia akan mengambil satu tempoh masa sebelum hasil dan matlamat yang ditetapkan dapat dicapai sepenuhnya. Pengeluaran dari sektor akuakultur untuk tahun 2003 masih terus dipengaruhi oleh pengeluaran kolam dan sangkar air payau/masin. Peningkatan telah mendorong pengeluaran keseluruhan meningkat sebanyak 2.63% daripada 191,843 tan metrik pada tahun 2002 kepada 196,874 tan metrik pada tahun 2003.

Sejumlah 21,114 penternak terlibat dalam industri akuakultur dalam tahun 2003, menurun sedikit (0.24%) daripada 21,164 orang pada tahun 2002 . Sejumlah besar tenaga kerja terlibat dalam sektor air tawar iaitu 16,679 orang dan ini merupakan 79.0% daripada keseluruhan penternak akuakultur. Sektor air payau/masin pula melibatkan 4,435 orang penternak.

4.2 Ternakan Air Tawar

Ternakan air tawar menyumbang sebanyak 26.0% daripada jumlah pengeluaran akuakultur. Dalam tahun 2003 jumlah pengeluaran ternakan air tawar telah meningkat sebanyak 7.60% daripada 46,403.28 tan metrik kepada 49,946.61 tan metrik. Daripada segi nilai pula ia merekodkan RM241.22 juta iaitu penurunan

1.4% berbanding tahun sebelumnya dan dengan itu menyumbang hampir 20.60% daripada jumlah nilai pengeluaran akuakultur keseluruhan.

Sektor ternakan kolam air tawar merupakan penggerak utama dalam sistem ternakan ini, menyumbang sebanyak 71.4% (35,678.70 tan metrik) daripada jumlah pengeluaran air tawar iaitu meningkat 3.48% berbanding dengan pengeluaran tahun 2002. Daripada segi nilai ia mencatatkan penurunan sebanyak 5.50% daripada RM 185.75 juta kepada RM 175.53 juta pada tahun 2003. Spesis utama yang diternak ialah Tilapia Merah (11,961.33 tan metrik), Keli (12,594.10 tan metrik), Patin (1,955.14 tan metrik) dan Tilapia Hitam (1,537.00 tan metrik).

Pengeluaran dari bekas lombong meningkat sebanyak 5.11% daripada 6,179 tan metrik dalam tahun 2002 kepada 6,495 tan metrik dalam tahun 2003. Nilai pengeluaran juga meningkat sebanyak 3.41% daripada RM 21.98 juta dalam tahun 2002 kepada RM 22.73 juta dalam tahun 2003. Spesis utama yang dihasilkan ialah Tilapia Merah (3,318.31 tan metrik), Kap Kepala Besar (1,054.02 tan metrik) dan Tilapia Hitam (660.47 tan metrik).

Ternakan sangkar air tawar menyumbang 11.81% dari keseluruhan pengeluaran ternakan air tawar iaitu peningkatan sebanyak 34.06% daripada 4,398 tan metrik kepada 5,896 tan metrik dalam tahun 2003. Tilapia Merah merupakan spesis utama dengan pengeluaran sebanyak 3,318.31 tan metrik bernilai RM 34.93 juta dan diikuti Patin sebanyak 621.59 tan metrik bernilai RM 10.23 juta.

Ternakan tangki simen dan kandang menyumbang 1,876.16 tan metrik terutama ternakan Tilapia Merah, Patin dan Keli. Sistem ternakan ini terus berkembang ke negeri Johor, Terengganu dan Negeri Sembilan. Selangor merupakan pengeluar utama ternakan dari tangki simen. Manakala, pengeluaran paling tinggi sistem kandang ikan adalah dari negeri Kelantan.

4.3 Sistem Air Payau

Sektor air payau dalam tahun 2003 menyumbang 74.63% daripada jumlah pengeluaran akuakultur. Sumbangan ini meningkat 1.0% daripada 145,440 tan metrik pada tahun 2002 berbanding 146,926 tan metrik tahun 2003.

Penghasilan **kerang** menurun sebanyak 9.70% daripada 78,707 tan metrik dalam tahun 2002 kepada 71,067 tan metrik dalam tahun 2003. Negeri Perak menghasilkan 78.75% daripada pengeluaran pada tahun 2003 iaitu sebanyak 55,964.07 tan metrik diikuti oleh Selangor 4,624.35 tan metrik dan Pulau Pinang 9,424.23 tan metrik.

Pengeluaran daripada ternakan **kolam air payau** meningkat sebanyak 9.68% daripada 26,722 tan metrik dalam tahun 2002 kepada 29,309.53 tan metrik dalam tahun 2003. Nilai bertambah sebanyak 7.05% daripada RM 653.73 juta kepada RM 699.83 juta. Negeri Perak mempunyai pengeluaran tertinggi berbanding negeri lain iaitu sebanyak 7,152.83 tan metrik.

Pengeluaran dari **sangkar air payau** adalah sebanyak 10,983 tan metrik, meningkat daripada 8,140 tan metrik pada tahun 2002. Sementara nilai pengeluaran turut meningkat 40.19% daripada RM 111.68 juta kepada RM 156.57 juta dalam tahun 2003. Johor mendahului negeri lain dengan pengeluaran sebanyak 3,412.61 tan metrik.

Pengeluaran utama dari sangkar air payau terdiri daripada ikan Siakap dan Jenahak yang menyumbang sebanyak 51.54% daripada pengeluaran sektor ini. Spesis lain termasuk Kerapu, Merah, Ketam dan Siakap Merah.

Pengeluaran **siput sudu** telah meningkat sebanyak 30.08% daripada 5,920 tan metrik dalam tahun 2002 kepada 7,701 tan metrik dalam tahun 2003. Negeri Johor yang merupakan pengeluar utama dengan pengeluaran sebanyak 7,395 tan metrik iaitu 96.03% pengeluaran siput sudu negara.

Nilai pengeluaran siput sudu meningkat daripada RM 2.10 juta dalam tahun 2002 kepada RM 2.85 juta pada tahun 2003 iaitu penambahan sebanyak 35.71%.

Jumlah pengeluaran tiram adalah sebanyak 256.43 tan metrik dalam tahun 2003 dengan nilai pengeluaran sebanyak RM 1.26 juta. Negeri Sabah mendahului dengan pengeluaran sebanyak 187.92 tan metrik.

4.4 Ikan Hiasan

Jumlah pengeluaran ikan hiasan telah menunjukkan peningkatan sebanyak 5.01% daripada 407,846,713 ekor dalam tahun 2002 kepada 428,298,151 ekor dalam tahun 2003. Daripada segi nilai terdapat peningkatan sebanyak 5.10% daripada RM 92.90 juta dalam tahun 2002 kepada RM 97.64 juta dalam tahun 2003. Negeri Johor masih memonopoli pengeluaran ikan hiasan yang menyumbang sebanyak 269,455,368 ekor iaitu 62.91% daripada jumlah keseluruhan pengeluaran ikan hiasan dalam tahun 2003.

5. PENGELUARAN BENIH

Pengeluaran benih dan rega ikan air tawar dari pusat pembaikbiak ikan kerajaan pada tahun 2003 adalah sebanyak 23.5 juta ekor. Spesis utama yang dikeluarkan ialah Lampam Jawa, Tilapia Merah dan Jelawat.

Pengeluaran benih dan rega ikan/udang air payau daripada pusat kerajaan pada tahun 2003 adalah sebanyak 210.3 juta ekor. Spesis utama ialah Kerapu, Siakap, Udang Harimau, dan Udang Galah

Pada tahun 2003 sejumlah 5.41 juta ekor benih ikan air tawar dilepaskan ke perairan umum dan sejumlah 18.28 juta ekor benih ikan air tawar dibahagikan kepada penternak-penternak pada tahun 2003. Penternak Sarawak adalah penerima utama diikuti oleh Perak dan Sabah.

6. PERAIRAN UMUM

Pendaratan dari perairan umum meningkat daripada 3,565 tan metrik pada tahun 2002 kepada 3,828 tan metrik pada tahun 2003 iaitu sebanyak 7.4%. Negeri Perak

menyumbang sebanyak 1,373 tan metrik atau 38.5% daripada keseluruhan pendaratan ikan dari perairan umum.

STATUS OF THE FISHERIES SECTOR IN MALAYSIA

1. INTRODUCTION

The fisheries sector still plays an important role in providing fish as a source of food and protein. It contributed about 1.37% to the GDP* and provided direct employment to 89,433 fishermen and 21,114 fish culturists. Over the years, the industry has succeeded in achieving a steady production from its marine inshore fisheries amounting to an average of 1.08 million tonnes.

The Department of Fisheries is taking several measures to increase fish production in the country. Amongst these measures are to increase fish production from deep-sea fishing and the development of the aquaculture sector. It is envisaged that the development of deep-sea fishing vessels together with proper management of the coastal fisheries resource would sustain the fisheries sector in the future. However, the real potential to increase fish production still remains within the aquaculture industry. With a vast potential of inland areas and coastal areas, it is estimated that the production from the aquaculture industry can be increased by as much as four times its present level by the year 2010.

With proper planning and concerted efforts made, especially with the participation of the corporate sector, it is hoped that the aquaculture industry will spearhead the quest to increase fish production in the future.

2. FISHERIES PROFILE

The fisheries sector in 2003, produced RM 5.31 billion consisting 1,483,958 tonnes of fish valued at RM 5.22 billion and 428 million of ornamental fish valued at RM 97.64 million. Statistically, the fisheries sector recorded an overall increase in production by 1.37% but in value it has decreased by 1.69% as compared to 2002. In 2003, the fisheries industry contributed

1.35% to the GDP compared to 1.50% in 2002. Contribution to the agricultural sector dropped from 16.61% in 2002 to 13.90% in 2003.

By sector, production from marine capture fisheries contributed 1,283,256 tonnes or 86.48% of the nation's fish production with a value of RM 4.01 billion. Within this sector, the coastal fisheries remained the major contributor with a production of 1,084,802 tonnes valued at RM 3.47 billion, which is 73.07% of the total nation's fish production.. Still to be developed to its full potential, the deep-sea fisheries sector managed 198,453 tonnes with a value of RM 546.55 million and therefore contributed 13.37% to the total fish production.

The aquaculture sector recorded a production of 196,874 tonnes, which constituted about 13.27% of the total fish production, increasing by 2.63% from the production of 2002. The value from the aquaculture sector increased by 8.42% from RM 1,081.24 million in 2002 to RM 1,172.31 million in 2003.

The inland fisheries sector continued to be insignificant producing only 3,828 tonnes or 0.26% of the total fish production. . The contribution from the ornamental fish (aquarium) industry recorded 428.30 million pieces valued at RM 97.64 million.

The work force of the fisheries sector consisted of 89,433 fishermen working on licensed fishing vessels and 21,114 fish culturists involved in the various aquaculture systems. These figures do not include thousands more involved directly or indirectly in downstream activities and related industries. A total of 35,458 fishing vessels were licensed in 2003 with the majority operating traditional gears.

3. MARINE FISHERIES

3.1 Fishermen

With 89,433 fishermen working on licensed fishing vessels, the population of the marine fisheries work force increased by 9.0%. Out of that 41,270 fishermen working on trawlers and purse seiners while the remainder 48,163 fishermen worked on traditional fishing vessels. The West Coast of Peninsular Malaysia had 31,939 (58.0%) fishermen, the East Coast of Peninsular Malaysia 23,116 (41.9%) while East Malaysia accounted for 34,378 (38.4%) fishermen.

The deep-sea fishing industry has been affected by a lack of large fishing vessels and skilled manpower. Various measures have been taken to ensure the expansion and development of the deep-sea fishing industry so as to bring maximum benefits to the country. Amongst these are the issuance of new permits and new licences for deep-sea fishing as well as the training of fishermen. However, the operations of deep-sea fishing vessels to a certain extent will still have to rely on foreign work force. The involvement of foreign workers in this sector of the fishing industry is considered necessary to accelerate the development of the industry itself. The number of foreign fishermen had increased from 17,809 in 2002 to 30,008 in 2003 Of these, 15,826 foreign crew had been approved to work in Peninsular Malaysia, 8,379 in Sarawak, 5,767 in Sabah, and 36 in Labuan.

3.2 Fishing Vessels

The number of licensed fishing vessels in Malaysia stood at 35,458 units in 2003 as compared to 30,751 units in 2002, increasing by 15.3%. The majority of the fishing vessels operated in the coastal areas, which have been exploited at an optimum level. In line with the management policy, new licences for fishing vessels are only issued for the deep-sea fishing sector, where the potential is more focused in East Malaysia especially in Sarawak.

The fishing fleet in Peninsular Malaysia recorded and increase of 11.76% from 17,817 in 2002 to 19,912 in 2003. The fleet remained unchanged in the East Coast of Peninsular Malaysia, whereas the numbers increased by 17.1% in the west coast. The fishing fleet in Sarawak expanded from 2,346 units to 4,958 units in the year 2003 recording an increment by as much as 111%. There is no change in the fishing fleet in Sabah and Labuan.

Development of the deep-sea fishing fleet takes into serious consideration the status of the fisheries resources. Taking a precautionary approach, the deep-sea fishing fleet will remain comparatively small compared with the over 30,000 units licensed to operate in the inshore waters. In 2003, the total number of licensed deep-sea fishing vessels was only 813 units as compared to 615 units in 2002. It is expected that the production from this sector will grow and contribute more to the nation's fish production.

3.3 Fishing Gears

Normally each fishing vessel is licensed to operate one fishing gear. However, there are fishing operations where more than one licensed fishing gear are being used. At the same time, there are also licensed fishing vessels being issued more than one fishing gear licence but at different seasons. The number of fishing licences issued for fishing gears will normally exceed the number of fishing vessels licensed. The total number of fishing gear licenses issued in 2003 increased by 20.3% as compared to 2002 (30,775 units in 2002 to 37,013 in 2003).

3.4 Marine Fish Landings

The total marine landings increased marginally by only 0.01% from 1,272,078 tonnes in 2002 to 1,283,256 tonnes in 2003. In terms of value, there was a decreased of 4.6% from RM 4.21 billion in 2002 to RM 4.01 billion in 2003. Commercial fishing vessels operating trawls and fish purse seiners which

comprised only about 20% of the total fishing vessels produced 77.3% of the total marine fish landings. There was a slight increase in the landings of trawlers by 3.4% from 703,676 tonnes in 2002 to 727,513 tonnes in 2003. Landings from the purse seiners decreased by 9.1% from 290,555 tonnes in 2002 to 264,170 tonnes in 2003.

The bulk of the marine production is accounted for by the inshore fisheries which recorded an increase of 0.32% from 1,081,337 tonnes in 2002 to 1,084,802 tonnes in 2003, thus contributing to 84.5% of the total marine production. Over the last two decades, this sector of the marine fisheries remained the major source of fish landings accounting for over 80% annually.

Within the commercial sector of the inshore fisheries in Peninsular Malaysia, landings from trawlers increased marginally by 0.34%. There was also a significant increase in the landings of purse seiners by 5.8%.

The deep sea fisheries includes fishing by vessels of 70 GRT and above operating trawl nets, purse seines (except anchovy purse seine) hooks and lines from a distance of beyond 30 nautical miles from the coast. It contributed a total of 198,453 tonnes of fish in 2003, which was 13.40% of the total fish production of Malaysia, showing an increase of 4.0% compared to the preceeding year.

Table 2 showed the marine landings by states. Overall, the state of Perak contributed the most in terms of quantity (17.1%) and in terms of value (17.6%). Perak also recorded the highest yield for the coastal fisheries sector (18.5%), whereas Sarawak and Kelantan contributed the most for the deep-sea fishery sector that is at 29.5% and 20.9% respectively.

Jadual (*Table*) 1
MALAYSIA
PENDARATAN SERTA NILAI PERIKANAN LAUT PANTAI DAN DALAM MENGIKUT NEGERI, 2003
Landings and Values of Marine Inshore Fisheries and Deep Sea by State, 2003

NEGERI/*STATE*	**Laut Pantai**/*Inshore*		**Laut Dalam**/*Deep Sea*		**Jumlah**/*Total*	
	Kuantiti/ *Quantity* (**Tan Metrik**/ *Tonnes*)	**Nilai**/Values (**RM**)	**Kuantiti**/ *Quantity* (**Tan Metrik**/ *Tonnes*)	**Nilai**/Values (**RM**)	**Kuantiti**/ *Quantity* (**Tan Metrik**/ *Tonnes*)	**Nilai**/Values (**RM**)
Perlis	58,146	134,946,423	21,369	47,708,917	79,515	182,655,340
Kedah	78,197	305,473,009	2,329	9,288,543	80,526	314,761,552
Pulau Pinang/*Penang*	32,113	121,894,439	94	356,827	32,207	122,251,266
Perak	200,895	623,883,817	26,608	82,632,137	227,503	706,515,954
Selangor	112,790	338,256,013	0	0	112,790	338,256,013
Negeri Sembilan	301	3,651,254	0	0	301	3,651,254
Melaka/Malacca	1,809	17,398,138	0	0	1,809	17,398,138
Johor	81,405	246,974,677	5,705	17,387,218	87,110	264,361,895
Pahang	110,900	305,739,913	21,690	59,422,031	132,590	365,161,944
Terengganu	78,040	297,203,266	12,895	49,125,609	90,935	346,328,875
Kelantan	33,511	88,685,557	41,557	109,982,266	75,068	198,667,823
Jumlah Kecil/*Sub-Total*	788,107	2,484,106,506	132,247	375,903,548	920,355	2,860,010,054
Malaysia:						
Semenanjung Malaysia/ *Peninsular Malaysia*	788,107	2,484,106,506	132,247	375,903,548	920,355	2,860,010,054
Sarawak	134,041	472,217,192	58,579	145,717,972	192,620	617,935,164
Sabah	155,537	479,239,388	4,732	16,162,302	160,269	495,401,690
Wilayah Persekutuan Labuan *Labuan Federal Territory*	7,117	31,504,926	2,895	8,768,158	10,012	40,273,084
Jumlah Kecil/*Sub-Total*	296,695	982,961,506	66,206	170,648,432	362,901	1,153,609,938
Jumlah Besar *Grand Total*	1,084,802	3,467,068,012	198,453	546,551,980	1,283,256	4,013,619,992

4. AQUACULTURE

The aquaculture sector has a large potential and can contribute significantly to the country's total fish requirement in future. Careful planning and serious efforts have been made to develop this sector, especially in the area of industrial scale aquaculture and through the participation of the private sectors. However, equal emphasis will also be given to improve the aquaculture output from small and medium scale farms by using modern technologies and practicing sustainable management policies.

4.1 Aquaculture Production

Aquaculture production for the year 2003 continued to be influenced by the production of cockles and fish from freshwater pond culture and brackishwater cages culture. The total production stood at 196,874 tonnes valued at RM 1,172.30 million, which was an increase of 2.63% over the 2002 output of 191,843 tonnes. This contributed to about 13.27% of the overall fish production in the country.

A total of 21,114 fish farmers/culturists were involved in the aquaculture industry in 2003, reducing a little (0.24%) from 21,164 fish farmers/culturists in 2002. The bulk of the culturists were involved in the freshwater sector accounting for 79.0% of all fish farmers/culturists.

4.2 Freshwater culture

Freshwater aquaculture contributed 26.0% of the total aquaculture production in 2003, increasing by 7.60% from 46,403 tonnes in 2002 to 49,946.61 tonnes in 2003. In terms of value, it recorded RM 241.22 million, which was a reduction by 1.4% compared to the previous year. Freshwater culture contributed 20.6% to the total value of aquaculture production.

Freshwater pond culture spearheaded production from freshwater culture systems with 71.40% (35,678.70 tonnes) of the total freshwater production, increasing by 3.48%. In terms of value, it recorded a decrease of 5.50% from RM 185.75 million to RM 175.53 million. The major freshwater species cultured were Red Tilapia (11,961.33 tonnes), Catfish (12,594.10 tonnes), River catfish (1,955.14 tonnes) and Black Tilapia (1,537.00 tonnes).

Production from **ex-mining pools** increased by 5.11% from 6,179 tonnes in 2002 to 6,495 tonnes in 2003 posting a value of RM 22.73 million, increasing by 3.41% from RM21.98 million in 2002. Major species produced were Red Tilapia (3,318.31 tonnes) followed by Big Head Carp (1,054.02 tonnes) and Black Tilapia (660.47 tonnes).

Freshwater cage culture, which contributed 11.81% to the overall freshwater production, also registered a decrease of 34.06%, from 4,398 tonnes in 2002 to 5,896 tonnes in 2003. Major species produced were Red Tilapia (3,318.31 tonnes) valued at RM 34.93 million followed by River Catfish (621.59 tonnes) valued at RM 10.23 million.

Freshwater tank and pen culture systems together provided 1,876.16 tonnes of mainly Red Tilapia, River catfish and Walking catfish. Freshwater tank culture is gaining popularity in Johor,Terengganu and Negeri Sembilan. Selangor produced the most production from freshwater tank culture, whereas Kelantan lead in the production from pen culture.

4.3 Brackishwater / Marine Culture

In 2003, the brackishwater and marine sectors contributed 74.63% of the total aquaculture production. This contribution increased by 7.0% from 145,440 tonnes in 2002 to 146,926 tonnes in 2003.

Cockle harvest decreased by 9.70% from 78,707 tonnes in 2002 to 71,067 tonnes in 2003. Perak contributed 78.75% (55,964.07 tonnes) of the total cockle harvest while Selangor contributed 4,624.35 tonnes and Penang 9,424.23 tonnes.

Production from **brackishwater pond** culture went up by 9.68% from 26,722 tonnes in 2002 to 29,309.53 tonnes in 2003. The value increased by 7.05%, from RM 653.73 million to RM 699.83 million. Perak lead with a production of 7,152.83 tonnes.

Production from **brackishwater cage** culture was 10,983 tonnes moving up from 8,140 tonnes in 2002. The value increased by as much as 40.19% from RM 111.68 million to RM 156.57 million in 2003. Johore registered the highest production of 3,412.61 tonnes. The major species cultured from brackishwater pond were snappers (siakap and jenahak) which contributed 51.54% to this sector. Other species includes groupers and crabs.

Mussels production increased by 30.08% from 5,920 tonnes in 2002 to 7,701 tonnes in 2003. Johore was the main producer with production of 7,395 tonnes, contributing 96.03% of the total mussels harvested. Value of mussel production also increased from RM 2.10 million in 2002 to RM 2.85 million in 2003 (35.71%).

Total **oyster** production in 2003 was 256.43 tonnes with a value of RM1.26 million. Terengganu registered the most production of 187.92 tonnes.

4.4 Ornamental Fish

The total production of ornamental fish increased by 5.01% from 407,846,713 pieces in 2002 to 428,298,151 pieces in 2003. In terms of value, the increase was 5.10% from RM92.90 million in 2002 to RM97.64 million in 2003. Johor

remained as the main producer contributing 269,455,368 pieces, which was 62.91% of the total production of ornamental fish in 2003.

5. FISH SEED PRODUCTION

Production of freshwater fingerlings from government hatcheries in 2003 amounted to 23.5 million pieces. The main species bred were Javanese carp, Red tilapia and River carp.

Production of brackishwater fish/prawn fry and fingerlings from government hatcheries in 2003 was 210.3 million pieces. The main species produced were barramundi , tiger prawn and giant freshwater prawn. A large number freshwater fry amounting to 2.14 million pieces were released to public water bodies.

In 2003, a total of 5.41 million freshwater fingerlings were released into public water bodies and a total of 18.28 million were distributed to fish culturists mostly from the states of Perak and Sabah.

6. PUBLIC WATERBODIES/INLAND FISHERIES

Public waterbodies/inland fisheries refers to the landing of fish from public waterbodies i.e. rivers, lakes, ex-mining pools and dams. The landings from public waterbodies/inland fisheries increased from 3,565 tonnes in 2002 to 3,828 tonnes in 2003 increasing by 7.4%. Perak produced 1,373 tonnes or 38.5% of the total landings from public water bodies.

PENDARATAN/PENGELUARAN PERIKANAN DAN NILAI, MALAYSIA 2003
FISHERIES LANDINGS/PRODUCTION AND VALUE, MALAYSIA 2003

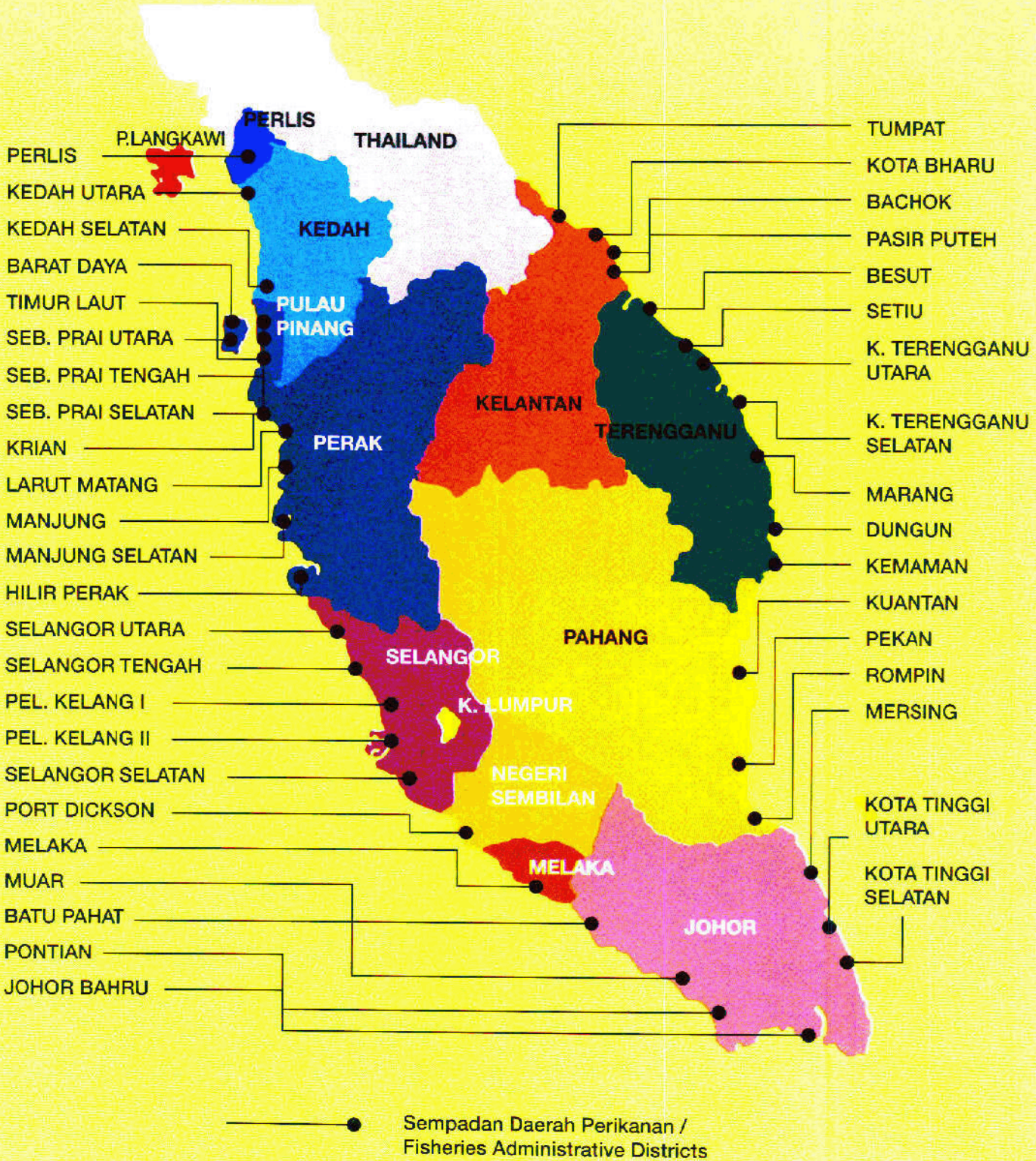
	KUANTITI (TAN METRIK)	NILAI (RM)
Perikanan Marin/*Marine Capture Fisheries*		
Laut Pantai/Inshore	1,084,802	3,467,068,012
Laut Dalam/*Deep Sea*	198,453	546,551,980
Jumlah Perikanan Marin/ *Total Marine Capture Fisheries*	1,283,256	4,013,619,992
Akuakultur Air Tawar/*Freshwater Aquaculture*		
Kolam/*Ponds*	35,679	175,531,920
Sangkar/*Cages*	5,896	34,932,700
Bekas Lombong/*Ex-Mining Pools*	6,496	22,725,090
Tangki Simen/*Cement Tanks*	1,501	6,300,920
Kandang/*Pen Culture*	375	1,724,810
Jumlah Akuakultur Air Tawar/ *Total Freshwater Aquaculture*	49,947	241,215,440
Akuakultur Air Payau/Masin/ *Brackish/Marine Aquaculture*		
Kolam/*Ponds*	29,310	699,830,130
Sangkar/*Cages*	10,984	156,573,160
Kerang/*Cockles*	71,067	56,769,630
Siput Sudu/*Mussels*	7,702	2,854,860
Tiram/*Oysters*	256	1,263,230
Rumpai Laut/*Seaweeds*	27,608	13,803,950
Jumlah Akuakultur Air Payau/Masin/ *Total Brackishwater/Marine Aquaculture*	146,927	931,094,960
Jumlah Akuakultur/*Total Aquaculture*	196,874	1,172,310,400
Jumlah Pengeluaran Marin/Akuakultur/ *Total Marine & Aquaculture production*	1,480,130	5,185,930,392
Pendaratan Ikan Air Tawar (Perairan Umum) *Public Waterbodies*	3,828	24,753,770
Jumlah Ikan Untuk Dimakan/ *Total Food fish*	1,483,958	5,210,684,162
Ikan Hiasan*/*Ornamental fish**	428,298,151	97,638,513
Benih Kerang/*Cockle Seeds*	900	4,437,000
Jumlah Besar/*Grand Total*		5,312,759,675

* Kuantiti dalam ekor/*Quantity in pieces*

PETA DAERAH-DAERAH PERIKANAN, MALAYSIA

MAP FISHERIES DISTRICT, MALAYSIA

DAERAH-DAERAH PERIKANAN, MALAYSIA
FISHERIES DISTRICTS, MALAYSIA



SARAWAK

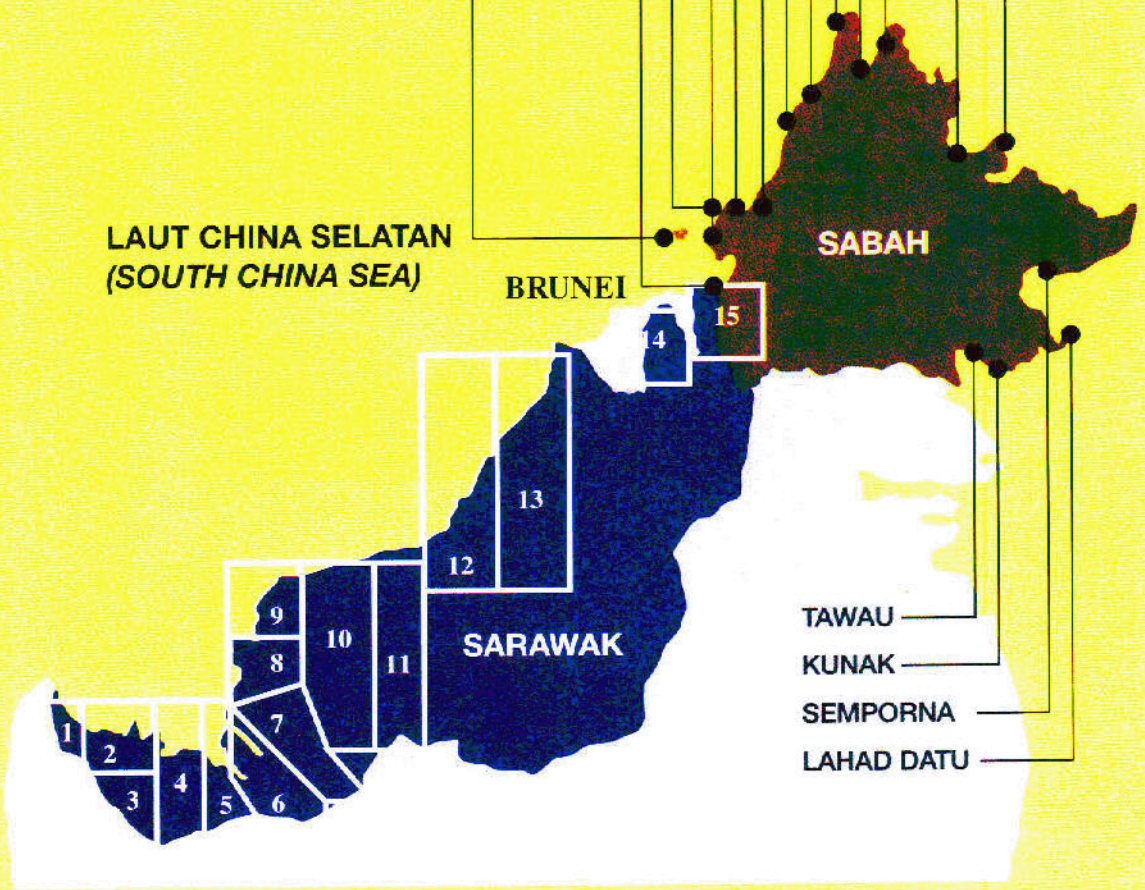
1. SEMANTAN
2. SANTUBONG
3. KUCHING
4. KUALA SADONG
5. BATANG LUPAR
6. SARIBAS/KALAKA
7. SARIKEI/BINTANGOR
8. BELAWAI
9. MATU DARO
10. SIBU/IGAN
11. MUKAH/OYA
12. BINTULU
13. MIRI
14. LIMBANG
15. LAWAS

SABAH

SANDAKAN
BELURAN
PITAS
KOTA MARUDU
KUDAT
KOTA BELUD
TUARAN
KOTA KINABALU
PAPAR
BEAUFORT
KUALA PENYU
SIPITANG

W.P. LABUAN

F.T. LABUAN

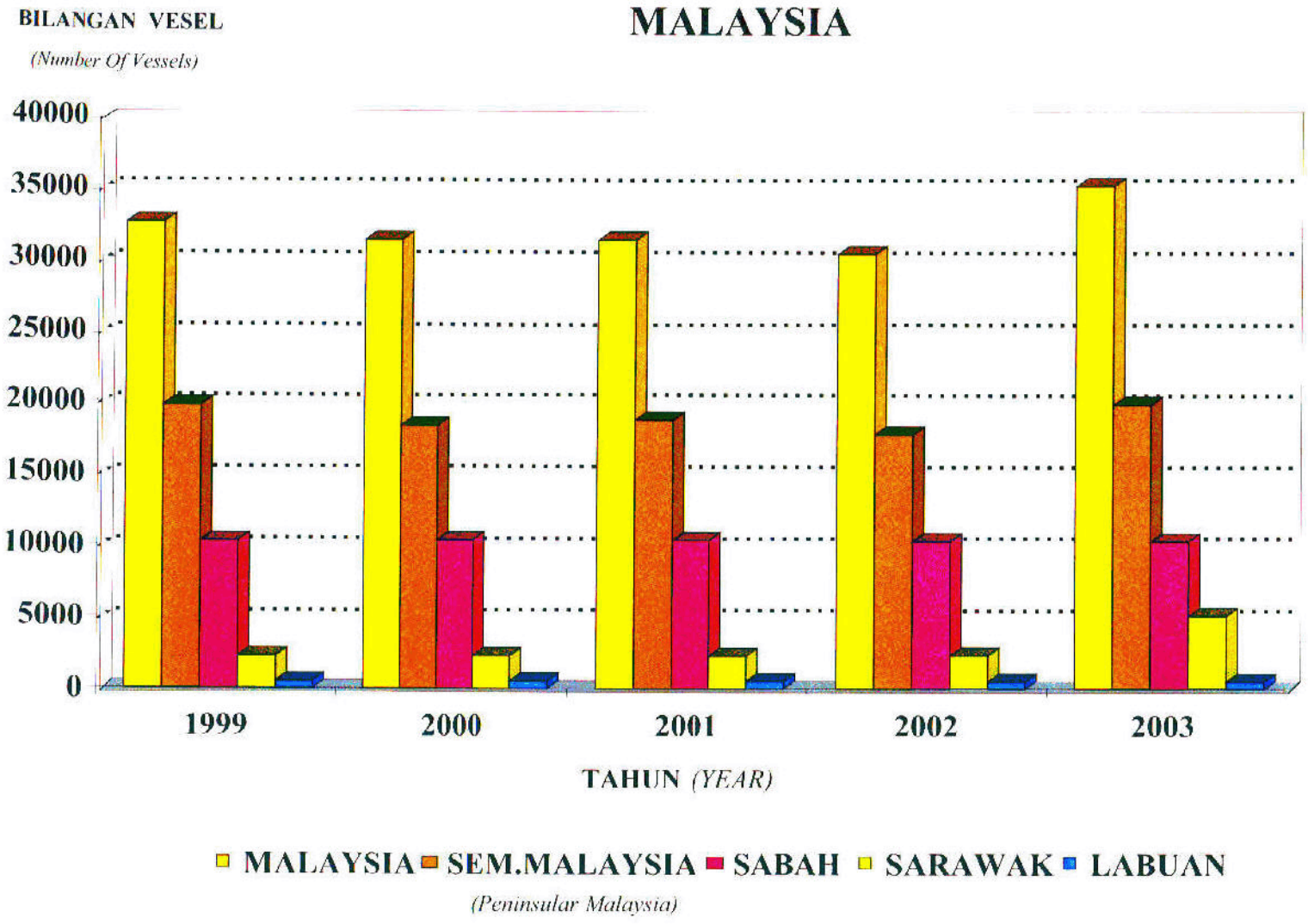


CARTA I

CHART I

BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN, 1999-2003

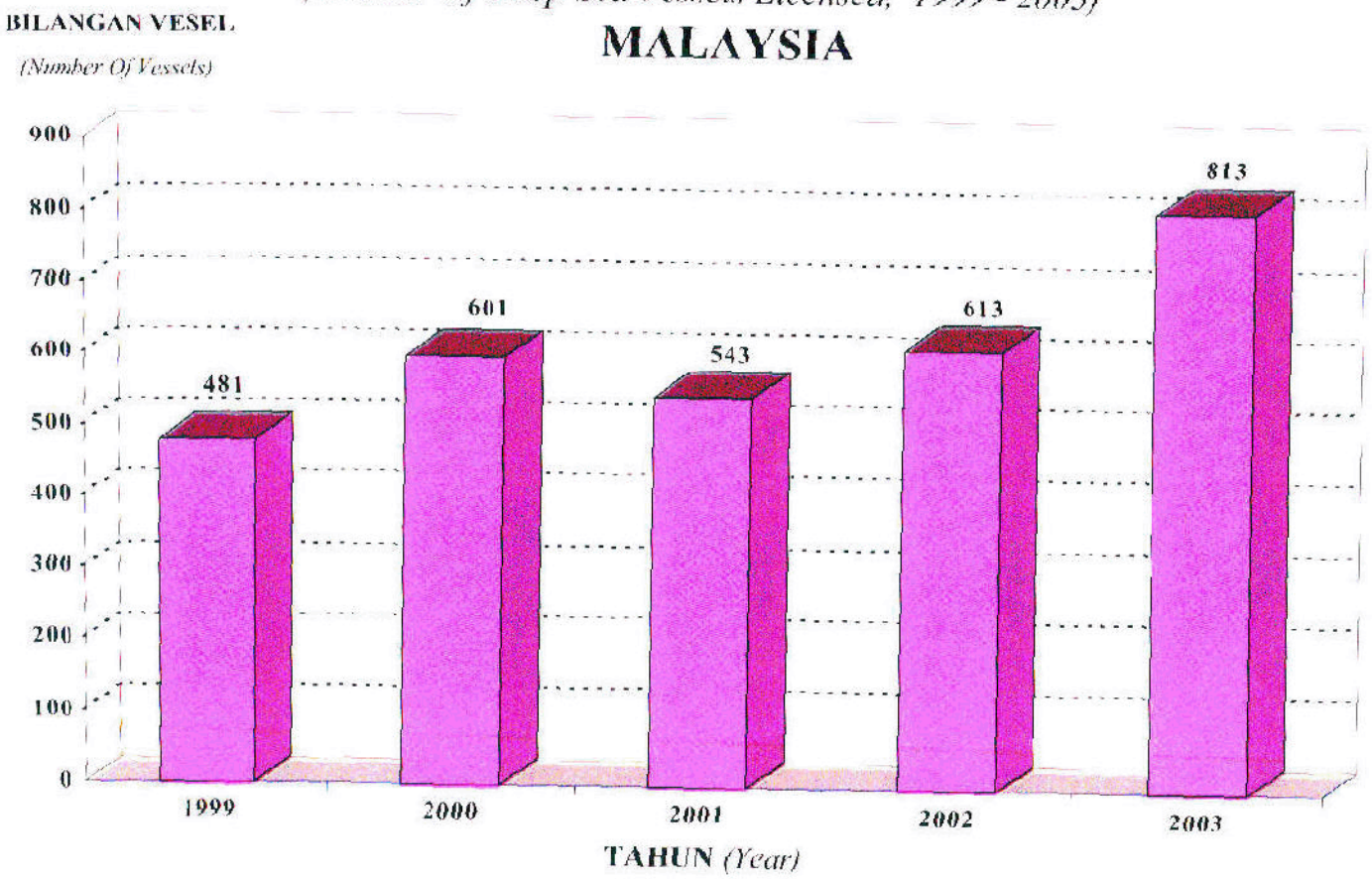
(Number Of Fishing Vessels Licensed, 1999-2003)



CARTA II
CHART II

BILANGAN VESEL-VESEL LAUT DALAM YANG DILESENKAN, 1999-2003

(Number Of Deep-Sea Vessels Licensed, 1999 - 2003)

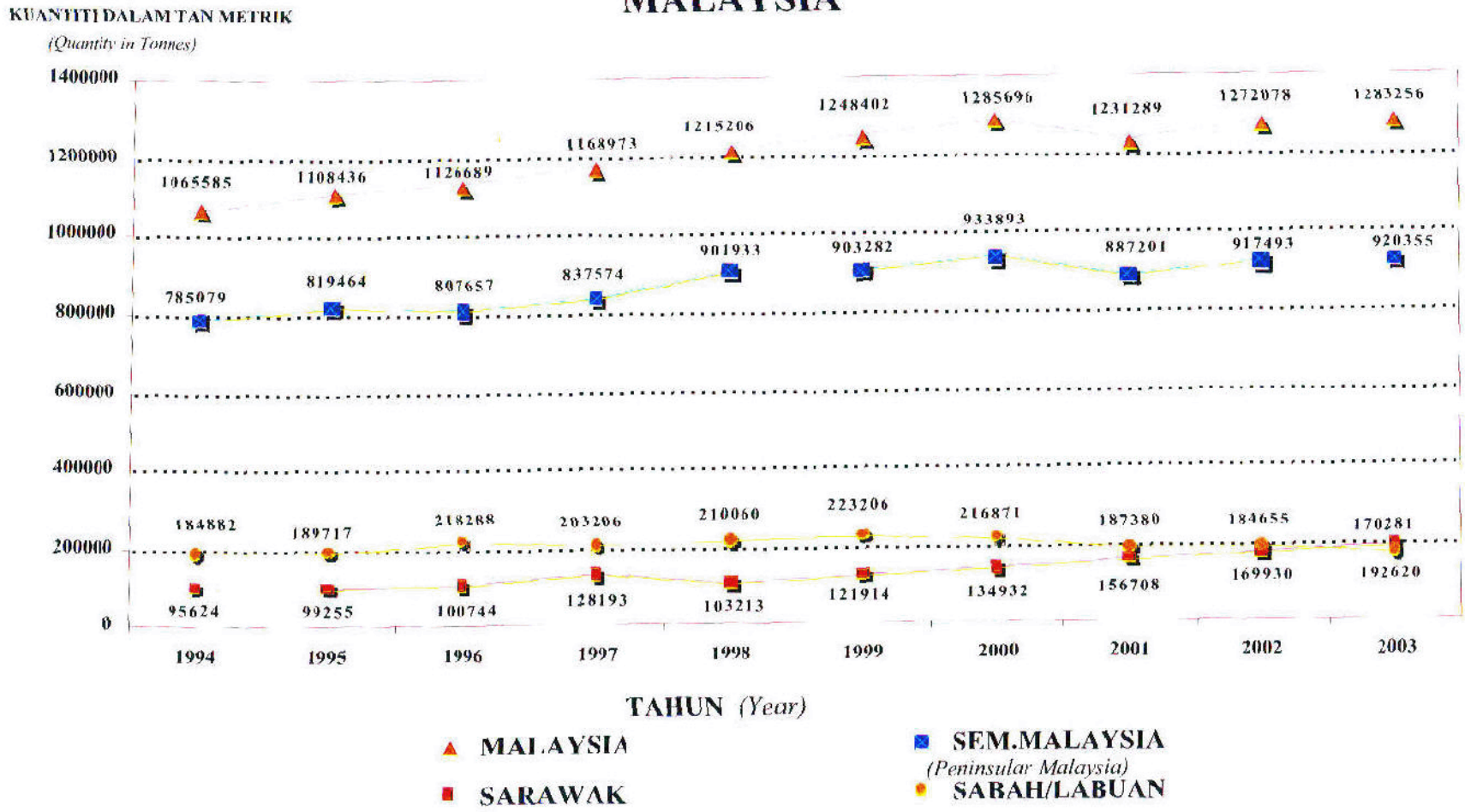


CARTA III
CHART III

ARAH ALIRAN PENDARATAN IKAN LAUT, 1994-2003

(Trend Of Marine Fish Landings, 1994 -2003)

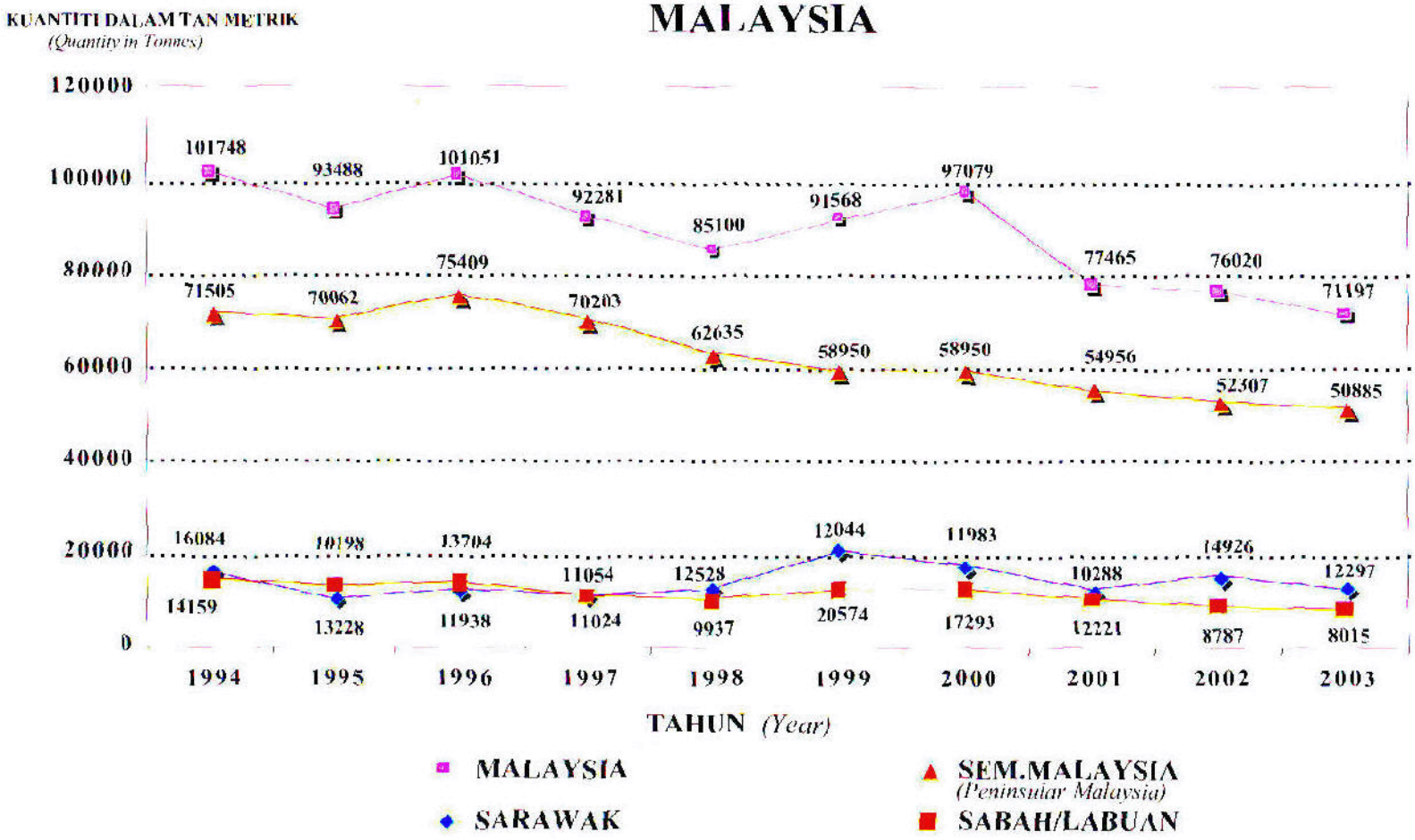
MALAYSIA



CARTA IV
CHART IV

ARAH ALIRAN PENDARATAN UDANG, 1994-2003

(Trend Of Prawn Landings, 1994 -2003)



CARTA V

CHART V

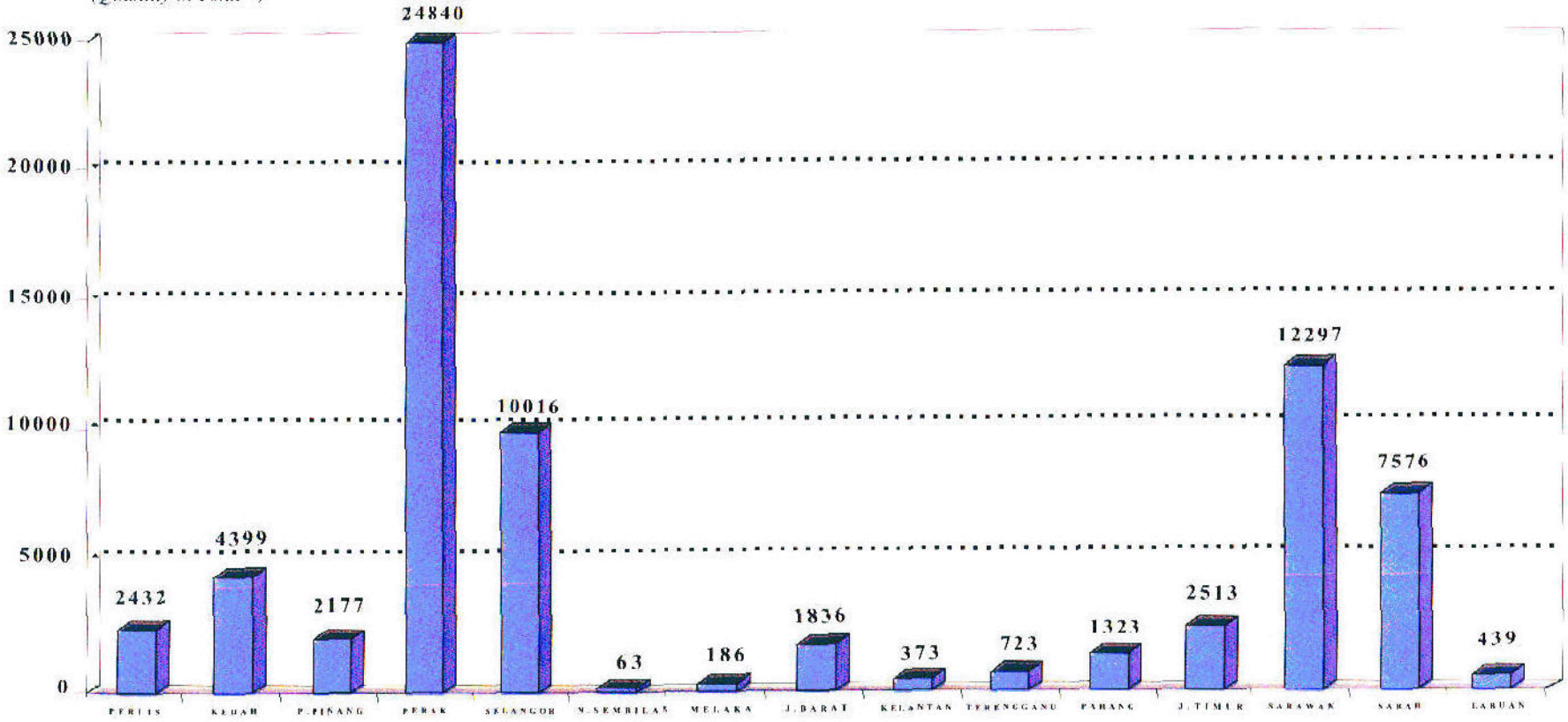
PENDARATAN UDANG , 2003

(Prawn Landings, 2003)

MALAYSIA

Kuantiti Dalam Tan Metrik

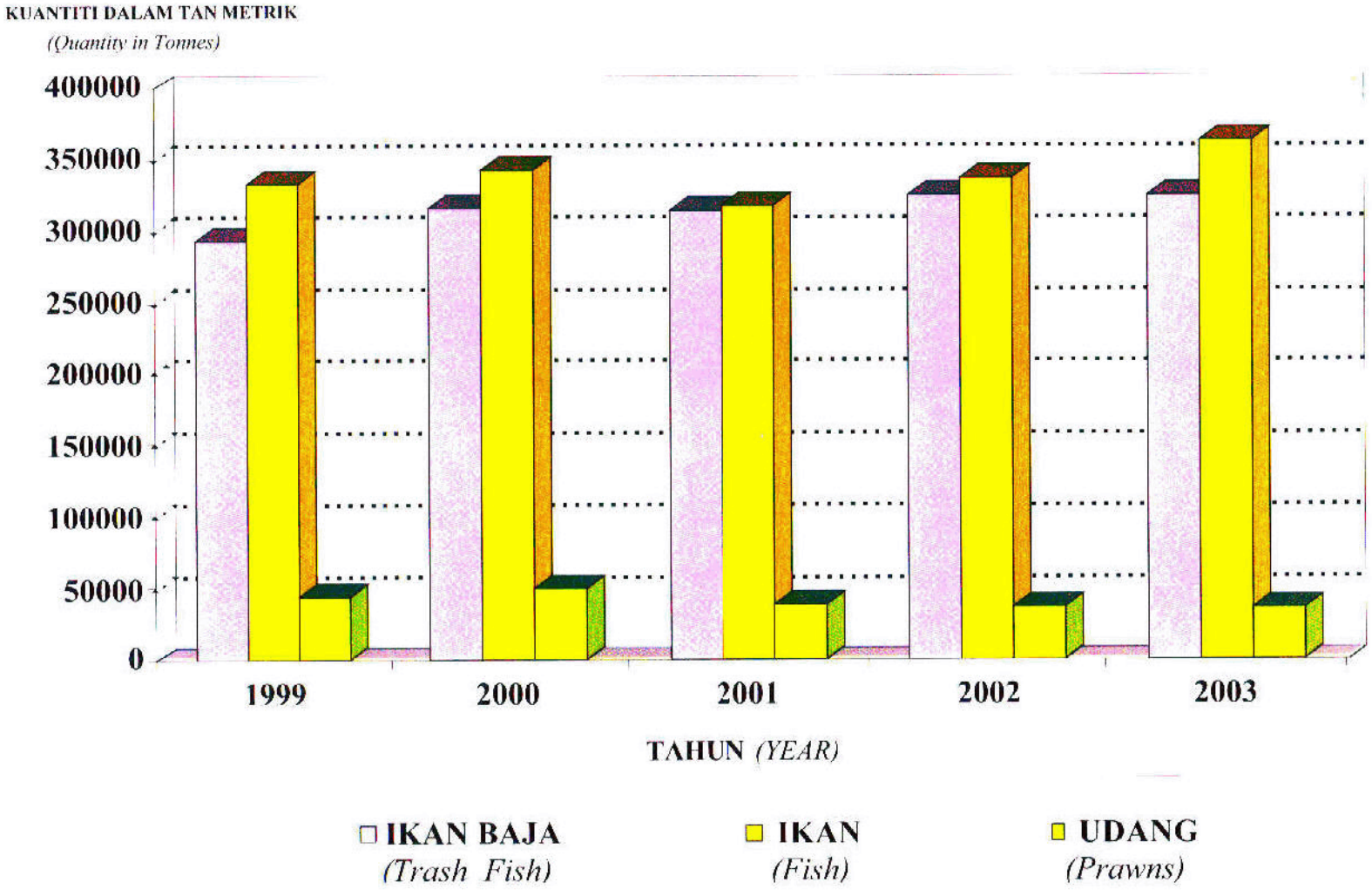
(Quantity in Tonnes)



CARTA VI
CHART VI

PENDARATAN PUKAT TUNDA, 1999-2003
(Trawl Landings, 1999 -2003)

MALAYSIA



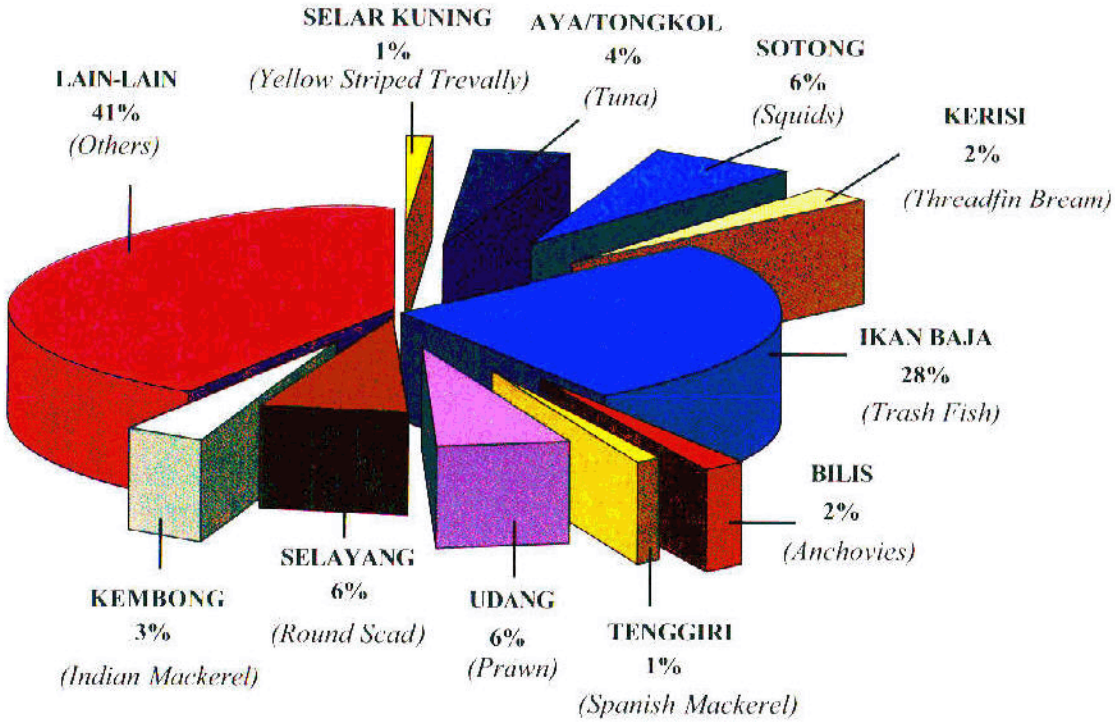
CARTA VII

CHART VII

PENDARATAN IKAN LAUT MENGIKUT SPESIS UTAMA, 2003

(Landings Of Marine Fish By Main Species, 2003)

MALAYSIA



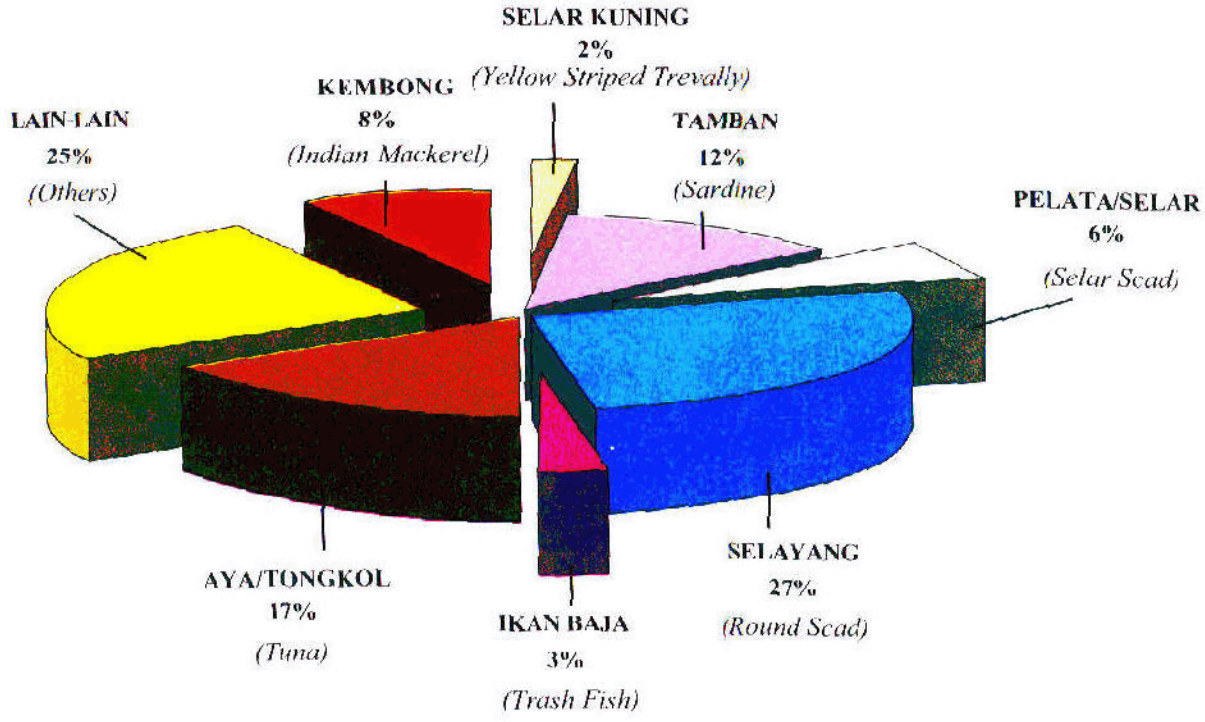
CARTA VIII

CHART VIII

PENDARATAN PUKAT JERUT IKAN MENGIKUT SPESIS UTAMA, 2003

(Purse - Seine Fish Landings By Main Species, 2003)

MALAYSIA



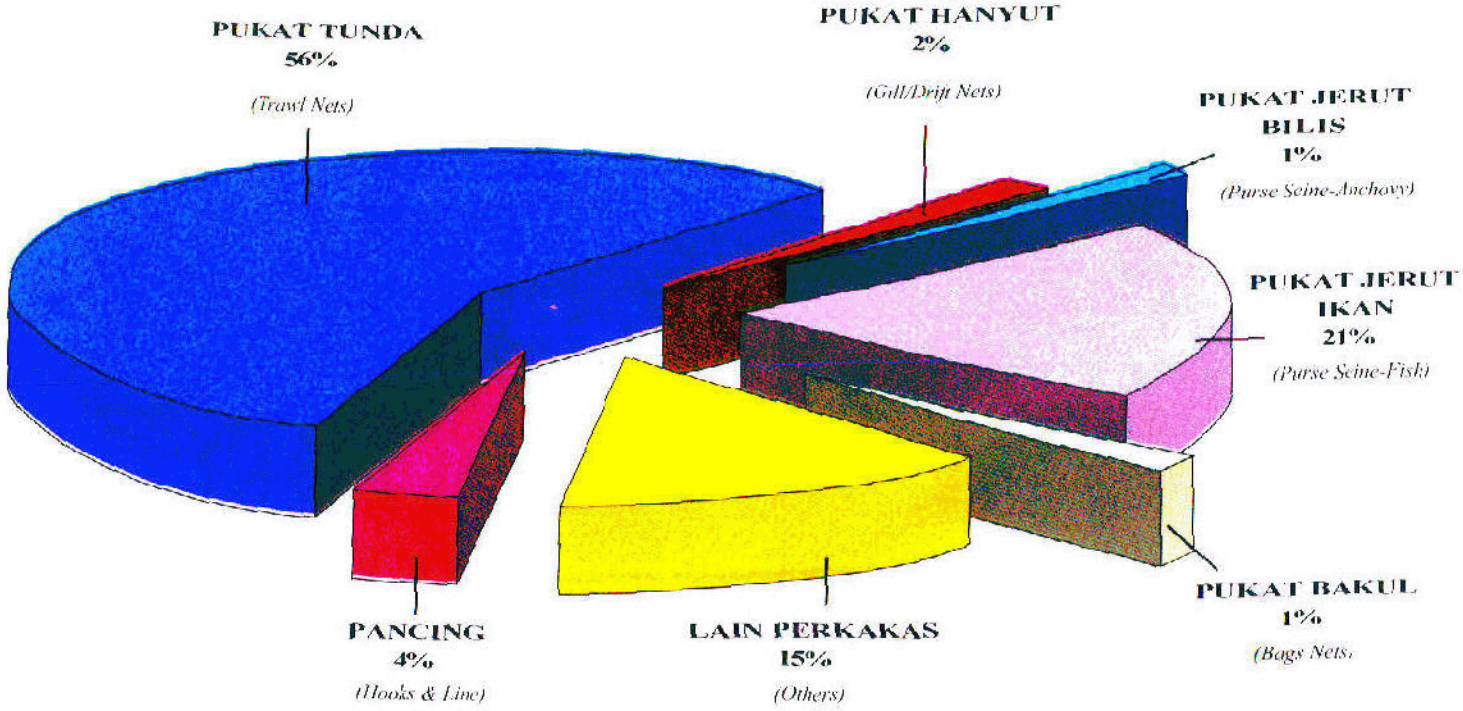
CARTA IX

CHART IX

PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 2003

(Landings Of Marine Fish By Gear Group, 2003)

MALAYSIA

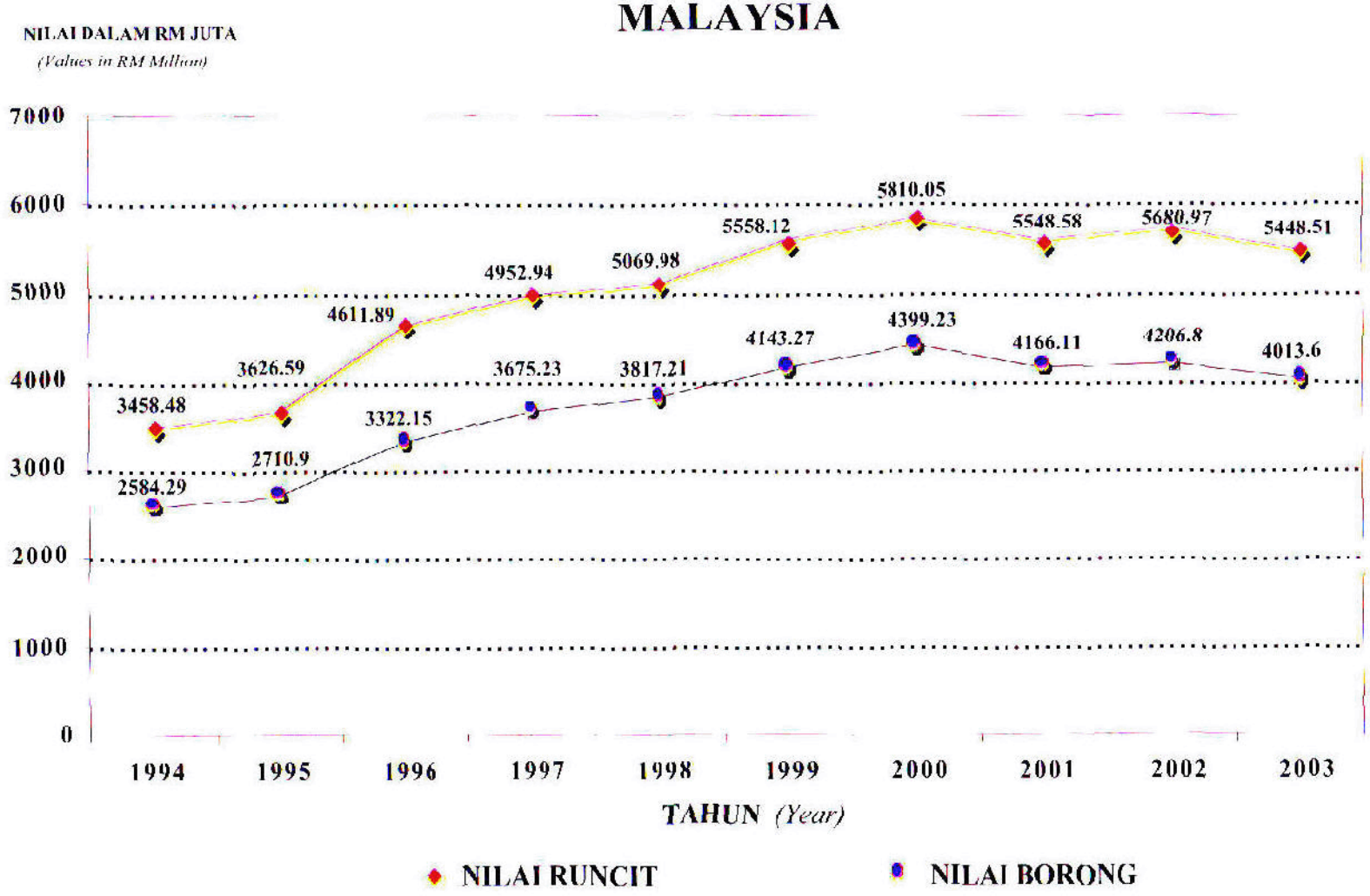


CARTA X
CHART X

ARAH ALIRAN NILAI PASARAN IKAN LAUT, 1994 -2003

(Trend Of Market Values Of Marine Fish, 1994 -2003)

MALAYSIA

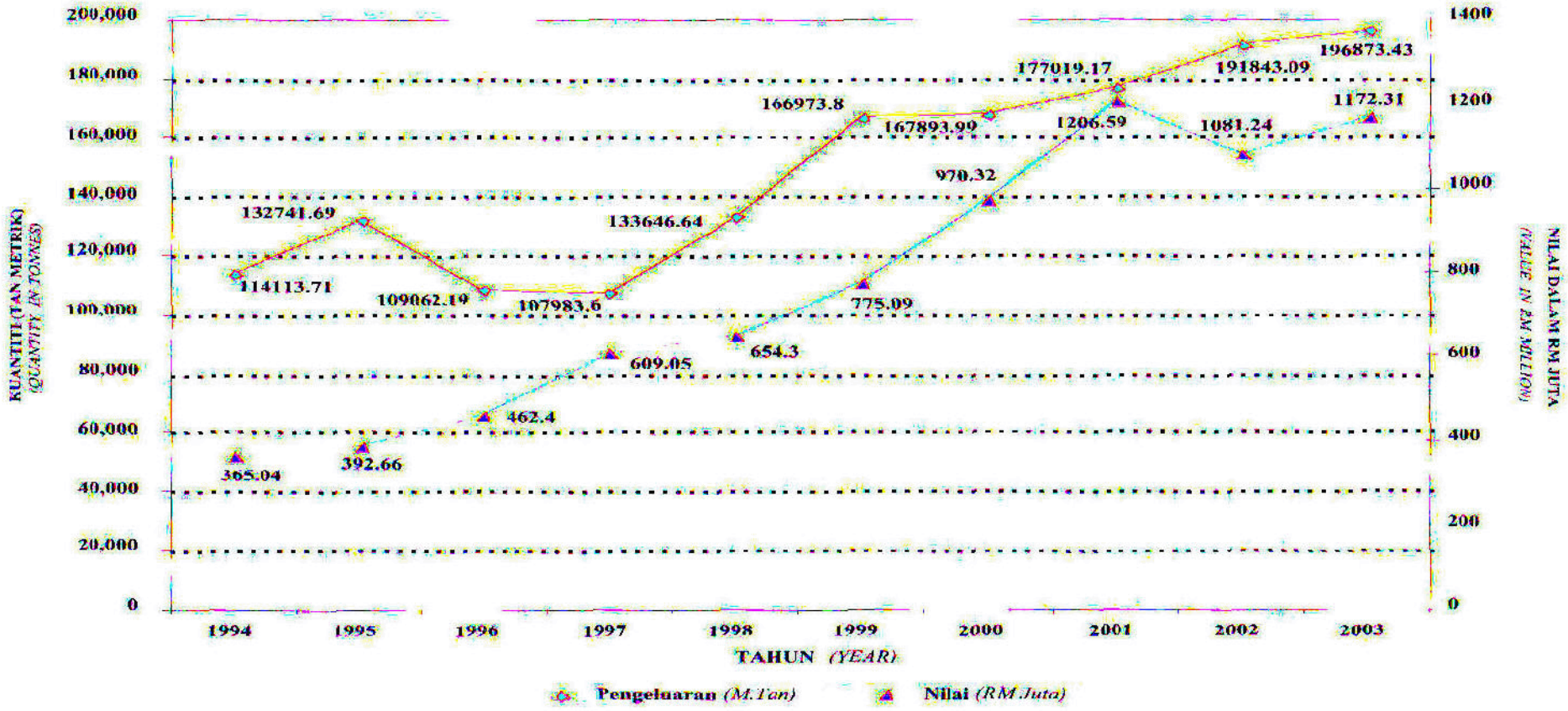


Carta XI
Chart XI

ANGGARAN NILAI DAN PENGELUARAN AKUAKULTUR DARIPADA SEMUA SISTEM AKUAKULTUR, 1994 – 2003

(ESTIMATED VALUE AND AQUACULTURE PRODUCTION FROM ALL AQUACULTURE SYSTEM, 1994 – 2003)

MALAYSIA

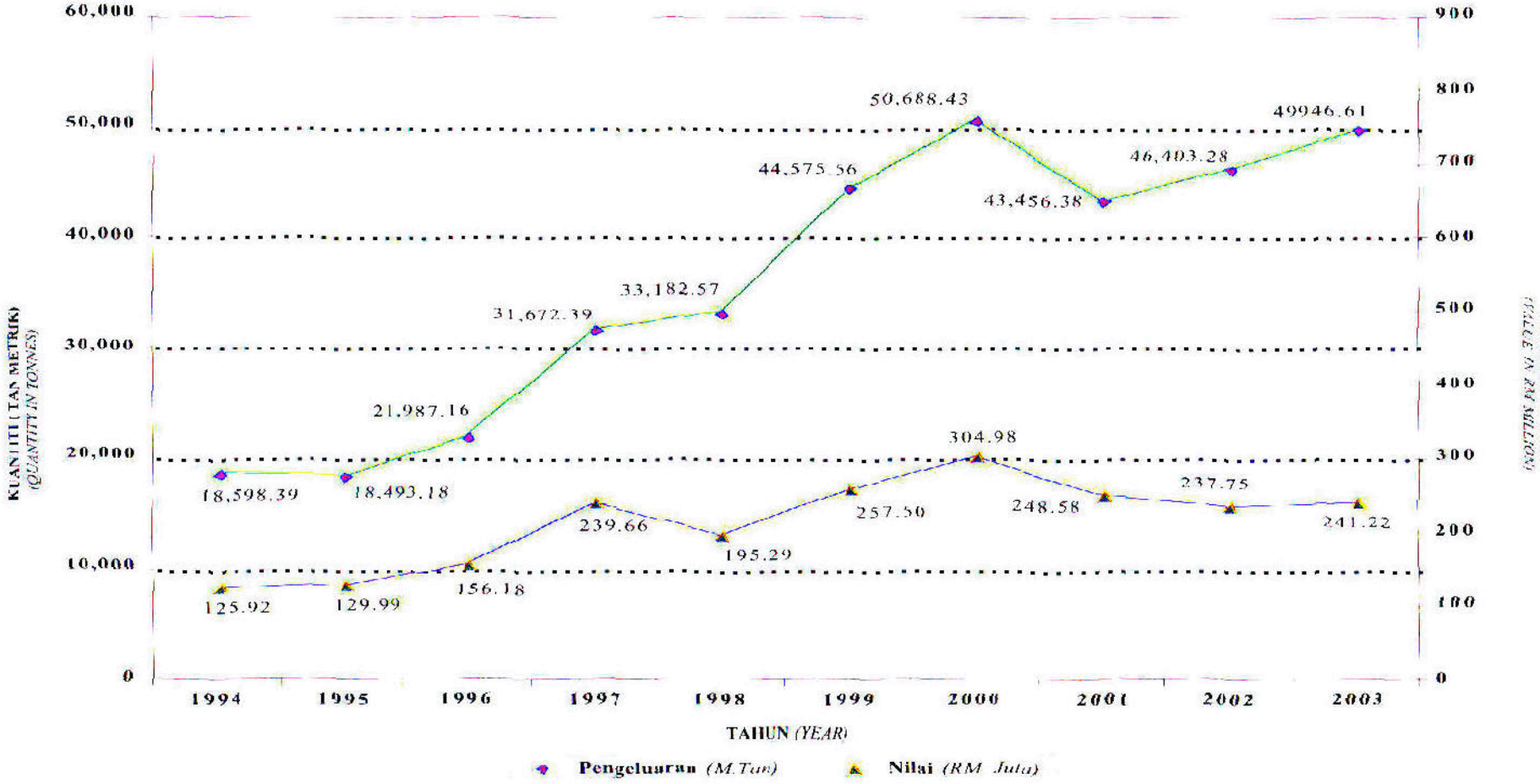


Carta XII
Chart XII

ANGGARAN PENGELUARAN DAN NILAI IKAN AIRTAWAR DARI SEMUA SISTEM AKUAKULTUR AIRTAWAR, 1994 - 2003

(ESTIMATED PRODUCTION AND VALUE OF FRESHWATER FISH FROM ALL FRESHWATER AQUACULTURE SYSTEM, 1994– 2003

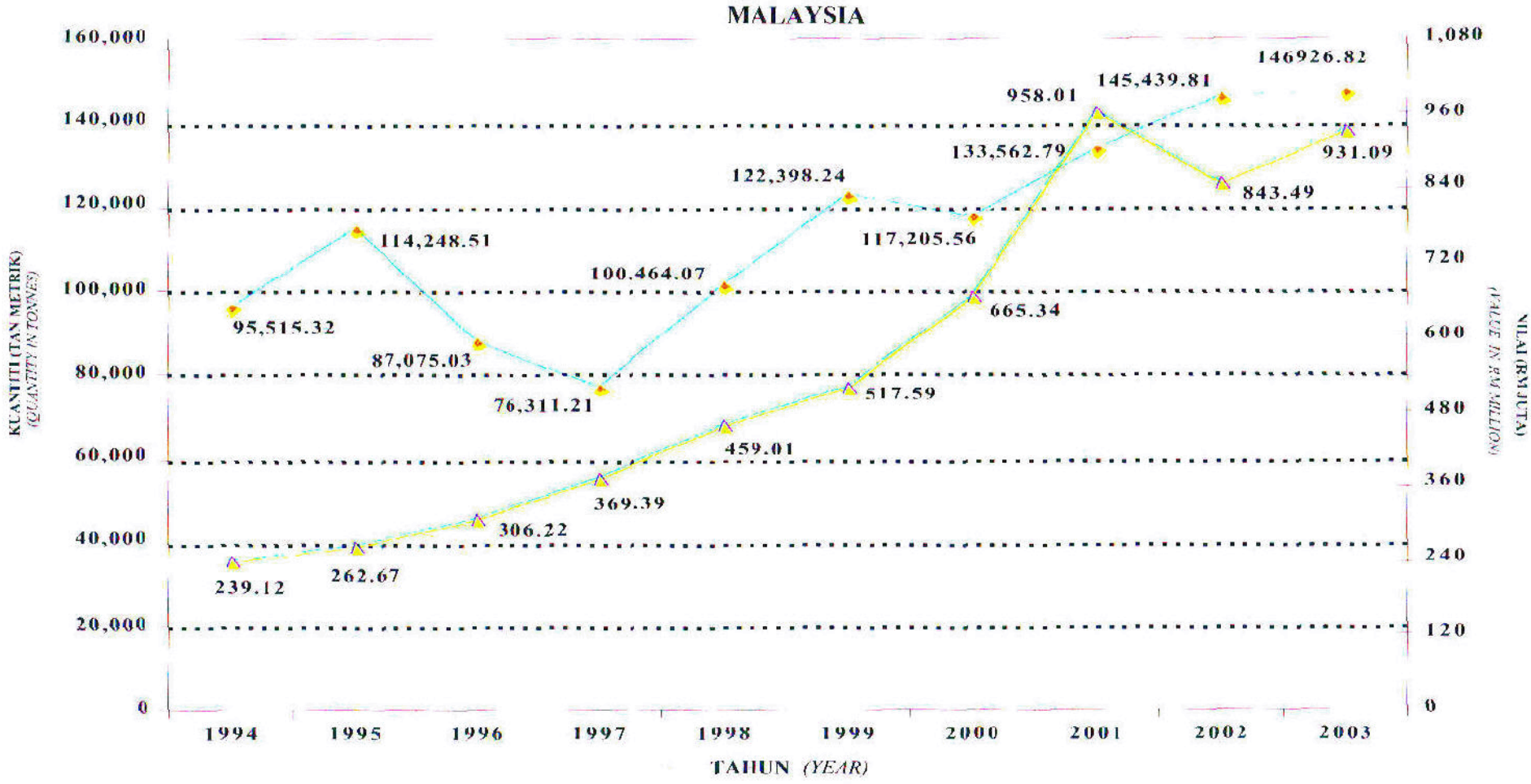
MALAYSIA



Carta XIII
Chart XIII

ANGGARAN PENGELUARAN DAN NILAI TERNAKAIR DARI SEMUA SISTEM AKUAKULTUR AIRPAYAU, 1994 – 2003

(ESTIMATED PRODUCTION AND VALUE OF AQUACULTURE FROM ALL BRACKWISHWATER AQUACULTURE SYSTEM, 1994 2003



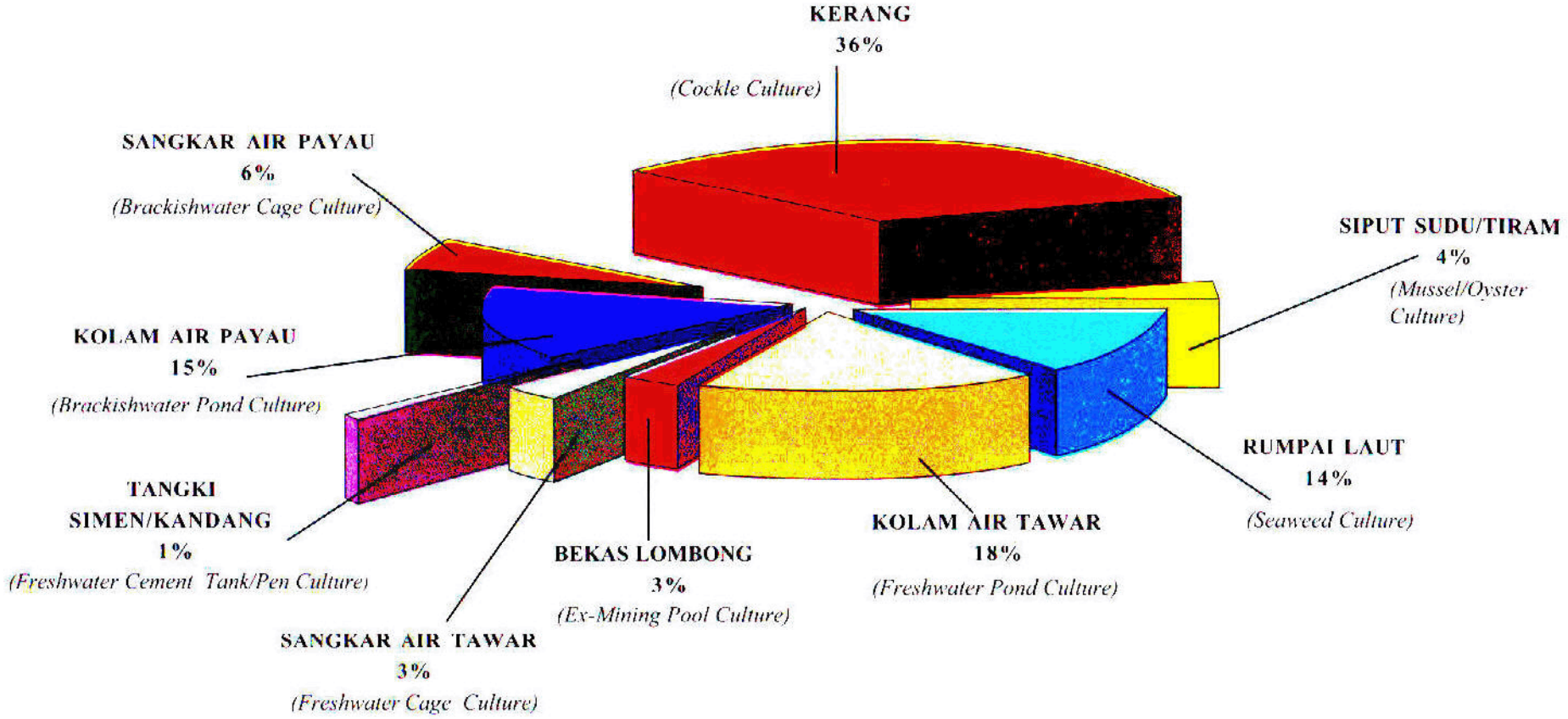
Carta XIV

Chart XIV

PENGELUARAN AKUAKULTUR MENGIKUT SISTEM TERNAKAN, 2003

(PRODUCTION OF AQUACULTURE BY CULTURE SYSTEMS, 2003)

MALAYSIA



PERIKANAN LAUT

MARINE FISHERIES

Jadual *(Table)* 1.1

MALAYSIA

BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL BERLESEN, 2003

NUMBER OF FISHERMEN WORKING ON LICENSED VESSELS, 2003

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	Johor Barat *West Johor*		Kelantan	Terengganu	Pahang	Johor Timur *East Johor*						
Bumiputera *Bumiputeras*	1,042	3,983	1303	872	1298	167	677	2,286	**11,628**	1,896	5,796	2,466	2,886	**13,044**	3,934	14,835	287	**19,056**	**43,728**
Cina *Chinese*	66	539	1,433	5,315	3,797	171	142	1,281	**12,744**	0	9	397	1,135	**1,541**	893	243	4	**1,140**	**15,425**
India *Indians*	0	0	56	120	73	18	0	3	**270**	0	0	0	2	**2**	0	0	0	**0**	**272**
Portugis *Portuguese*	0	0	0	0	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	**0**	**0**
Thai *Thais*	98	924	0	856	0	0	0	0	**1,878**	5,585	2,724	59	32	**8,400**	0	0	0	**0**	**10,278**
Indonesia *Indonesians*	4258	0	0	3	0	0	0	8	**4269**	0	0	0	0	**0**	0	0	13	**13**	**4282**
Filipina *Filipinos*	0	0	0	0	0	0	0	0	**0**	0	0	0	0	**0**	0	0	23	**23**	**23**
Lain-Lain *Others*	0	27	232	0	700	2	95	94	**1150**	0	0	10	119	**129**	8,379	5,767	0	**14,146**	**15,425**
Jumlah Besar *Grand Total*	**5,464**	**5,473**	**3,024**	**7,166**	**5,868**	**358**	**914**	**3,672**	**31,939**	**7,481**	**8,529**	**2,932**	**4,174**	**23,116**	**13,206**	**20,845**	**327**	**34,378**	**89,433**

Nota:Bumiputera termasuk Orang Melayu dan Kumpulan Bumiputera Lain.

Note: Bumiputeras Including Malay and Other Indigenous Groups.

Jadual *(Table)* 1.2

MALAYSIA

BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL BERLESEN MENGIKUT KUMPULAN PERKAKAS DAN NEGERI, 2003

NUMBER OF FISHERMEN WORKING ON LICENCED VESSELS BY GEAR GROUP AND STATE, 2003

NEGERI / *State* Kumpulan Perkakas *Gear Group*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka *Malacca*	Johor Barat *West Johor*	Kelantan	Terengganu	Pahang	Johor Timur *East Johor*	Jumlah kecil *Sub - Total*	Sarawak	Sabah	W.P Labuan *Federal Territory Labuan*	Jumlah kecil *Sub - Total*	Jumlah Besar *Grand Total*
Pukat Tunda *Trawl Nets*	1,209	1,781	280	2,943	1,301	0	0	471	1,054	784	1,103	1,465	**12,391**	6,492	5,123	45	11,660	**24,051**
Pukat Jerut Ikan *Fish Purse Seine*	3,575	440	155	448	25	0	0	0	4,893	4,656	521	797	**15,510**	660	1,011	38	1,709	**17,219**
Pukat Jerut Bilis *Anchovy P. Seine*	0	1,517	0	52	0	0	0	0	98	90	102	0	**1,859**	0	285	0	285	**2,144**
Lain-Lain P. Tarik *Other Seines*	0	2	300	39	2	0	0	1	60	8	5	3	**420**	0	201	93	294	**714**
Pukat Hanyut *Gill / Drift Nets*	574	1,709	2,211	2,100	3,849	335	914	2,937	860	905	624	1,543	**18,561**	5,240	6,134	0	11,374	**29,935**
Pukat Tangguk *Lift Nets*	0	0	0	1,171	0	0	0	0	95	131	17	3	**1,417**	0	1,394	4	1,398	**2,815**
Belat *Stationary Traps*	0	0	8	0	0	0	0	13	0	0	0	51	**72**	8	149	10	167	**239**
Bubu *Portable Traps*	7	4	0	45	68	22	0	120	46	289	195	32	**828**	25	462	102	589	**1,417**
Pancing *Hooks&Lines*	9	3	39	68	225	1	0	40	375	1,603	365	248	**2,976**	247	4,806	35	5,088	**8,064**
Pukat Bakul *Bag Nets*	0	17	24	77	381	0	0	72	0	0	0	18	**589**	419	0	0	419	**1,008**
Pukat Surung *Push/Scoop Nets*	0	0	1	0	0	0	0	0	0	0	0	0	**1**	25	0	0	25	**26**
Pukat Rentang *Barrier nets*	0	0	0	0	15	0	0	0	0	0	0	0	**15**	90	11	0	101	**116**
Memungut Siput *Shellfish Collection*	0	0	0	90	0	0	0	10	0	0	0	0	**100**	0	219	0	219	**319**
Pembawa ikan *Fish Carriers*	90	0	3	0	0	0	0	0	0	63	0	14	**170**	0	0	0	0	**170**
Rampaian *Miscellaneous*	0	0	3	133	2	0	0	8	0	0	0	0	**146**	0	1,050	0	1,050	**1,196**
Jumlah/Total	**5,464**	**5,473**	**3,024**	**7,166**	**5,868**	**358**	**914**	**3,672**	**7,481**	**8,529**	**2,932**	**4,174**	**55,055**	**13,206**	**20,845**	**327**	**34,378**	**89,433**

Jadual *(Table)* 1.3

MALAYSIA

BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL YANG BERLESEN MENGIKUT DAERAH PERIKANAN, 2003

NUMBER OF FISHERMEN WORKING ON LICENCED FISHING VESSELS BY FISHERIES DISTRICTS, 2003

Daerah - Daerah Perikanan *Fisheries Districts*	Bilangan Nelayan/*Number of Fishermen*				
	Bumiputera *Bumiputeras*	**Cina** *Chinese*	**India** *Indians*	**Lain-Lain** *Others*	**Jumlah** *Total*
SEMENANJUNG MALAYSIA *(PENINSULAR MALAYSIA)*					
1 Kuala Perlis	1,042	66	0	4,356	**5,464**
2 Langkawi	845	6	0	829	**1,680**
3 Kedah Utara	1,978	471	0	122	**2,571**
4 Kedah Selatan	1,160	62	0	0	**1,222**
5 Timur Laut/P.Pinang	356	299	32	5	**692**
6 Barat Daya/P.Pinang	340	458	4	227	**1029**
7 Seberang Prai Utara	266	97	1	0	**364**
8 Seberang Prai Tengah	52	8	0	0	**60**
9 Seberang Prai Selatan	289	571	19	0	**879**
10 Kerian	287	1973	2	0	**2,262**
11 Larut & Matang	161	1,454	0	270	**1,885**
12 Manjung	293	1,211	117	113	**1,734**
13 Hilir Perak	131	677	1	476	**1,285**
14 Selangor Utara	378	1914	0	215	**2,507**
15 Selangor Tengah	357	776	9	0	**1,142**
16 Pelabuhan Kelang 1	0	348	0	456	**804**
17 Pelabuhan Kelang 2	312	526	0	0	**838**
18 Selangor Selatan	251	233	64	29	**577**
19 Port Dickson	167	171	18	2	**358**
20 Melaka	677	142	0	95	**914**
21 Muar	616	256	2	0	**874**
22 Batu Pahat	547	432	0	0	**979**
23 Pontian	525	466	0	8	**999**
24 Johor Bharu	598	127	1	94	**820**
25 Kota Tinggi Utara (Tg.Sedili)	601	263	0	64	**928**
26 Kota Tinggi Selatan (Pengerang)	729	340	2	2	**1073**
27 Mersing	1,556	532	0	85	**2,173**
28 Kuantan	862	133	0	56	**1,051**
29 Pekan	898	15	0	5	**918**
30 Kuala Rompin	706	249	0	8	**963**
31 Kemaman	973	1	0	131	**1,105**
32 Dungun	918	0	0	0	**918**
33 Marang	916	0	0	149	**1,065**
34 Kuala Terengganu Utara	559	0	0	16	**575**
35 Kuala Terengganu Selatan	832	0	0	716	**1,548**
36 Besut	1,059	0	0	1,693	**2,752**
37 Setiu	539	8	0	19	**566**
38 Kota Bharu	405	0	0	353	**758**
39 Bachok& Pasir Putih	532	0	0	5,064	**5,596**
40 Tumpat	959	0	0	168	**1,127**
Jumlah Kecil *Sub-Total*	**24,672**	**14,285**	**272**	**15,826**	**55,055**

Daerah - Daerah Perikanan *Fisheries Districts*	Bilangan Nelayan/*Number of Fishermen*				
	Bumiputera *Bumiputeras*	**Cina** *Chinese*	**India** *Indians*	**Lain-Lain** *Others*	**Jumlah** *Total*
SARAWAK					
1 Bandar Kuching	490	296	0	860	**1,646**
2 Santubong	576	23	0	40	**639**
3 Pendam(Sadong Jaya)	591	7	0	25	**623**
4 Sematan	443	19	0	42	**504**
5 Batang Lupar (Sebuyau)	488	11	0	24	**523**
6 Saribas/Kalaka(Kabong)	537	6	0	20	**563**
7 Sibu/Igan	90	155	0	580	**825**
8 Sarikei/Bitangor	38	109	0	150	**297**
9 Mukah/Oya	1	10	0	1683	**1,694**
10 Belawai	0	4	0	2593	**2597**
11 Matu Daro	0	26	0	1113	**1,139**
12 Bintulu	131	72	0	528	**731**
13 Miri	44	154	0	718	**916**
14 Limbang	107	0	0	2	**109**
15 Lawas	398	1	0	1	**400**
Jumlah Kecil/*Sub -Total*	**3,934**	**893**	**0**	**8,379**	**13,206**
SABAH					
1 Tawau	1130	105	0	801	**2,036**
2 Semporna	723	0	0	1,058	**1,781**
3 Kunak	242	35	0	392	**669**
4 Lahad Datu	519	1	0	281	**801**
5 Sandakan	2228	7	0	1,752	**3,987**
6 Beluran	1,560	0	0	8	**1,568**
7 Kudat	2,192	18	0	705	**2,915**
8 Kota Marudu	711	2	0	0	**713**
9 Pitas	650	0	0	0	**650**
10 Kota Belut	1203	0	0	0	**1,203**
11 Tuaran	490	0	0	0	**490**
12 Kota Kinabalu	987	41	0	691	**1,719**
13 Papar	353	3	0	0	**356**
14 Beaufort	718	0	0	0	**718**
15 Kuala Penyu	743	29	0	79	**851**
16 Sipitang	386	2	0	0	**388**
Jumlah Kecil/*Sub - Total*	**14,835**	**243**	**0**	**5,767**	**20,845**
W.P LABUAN/*LABUAN FT*					
1 Kg Bebuloh	56	4	0	0	**60**
2 Kg Ranca-Ranca	42	0	0	0	**42**
3 Kg Lubok Temiang	28	0	0	0	**28**
4 Kg Batu Manikar	25	0	0	0	**25**
5 Kg Tg. Aru	11	0	0	0	**11**
6 Kg Miri/Lada/Pagar	25	0	0	0	**25**
7 Kg Patau Patau	43	0	0	0	**43**
8 Lain Lain Kampung	57	0	0	36	**93**
Jumlah Kecil/*Sub -Total*	**287**	**4**	**0**	**36**	**327**
Jumlah Besar/*Grand Total*	**43,728**	**15,425**	**272**	**30,008**	**89,433**

Nota: Bumiputera Termasuk Orang Melayu dan Kumpulan Bumiputera lain.

Note: Bumiputeras including Malay and Other Indigenous Groups.

Jadual *(Table)* 1.4

MALAYSIA

BILANGAN NELAYAN ASING YANG DILULUSKAN MENGIKUT NEGERI, 2003

NUMBER OF APPROVED FOREIGN FISHERMEN BY STATE, 2003

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	Johor Barat *West Johor*		Kelantan	Terengganu	Pahang	Johor Timur *East Johor*						
Thai *Thais*	98	924	0	856	0	0	0	0	**1,878**	5,585	2,724	59	32	**8,400**	0	0	0	**0**	**10,278**
Indonesia *Indonesian*	4258	0	0	3	0	0	0	8	**4269**	0	0	0	0	**0**	0	0	13	**13**	**4,282**
Filipina *Filipinos*	0	0	0	0	0	0	0	0	**0**	0	0	0	0	**0**	0	0	23	**23**	**23**
Lain-Lain *Others*	0	27	232	0	700	2	95	94	**1150**	0	0	10	119	**129**	8379	5,767	0	**14,146**	**15,425**
Jum. Besar *Grand Total*	**4,356**	**951**	**232**	**859**	**700**	**2**	**95**	**102**	**7,297**	**5,585**	**2,724**	**69**	**151**	**8,529**	**8,379**	**5,767**	**36**	**14,182**	**30,008**

Nota: Bilangan yang diluluskan tidak semestinya menggambarkan bilangan nelayan yang bekerja di atas vesel.

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

MALAYSIA

Jadual *(Table)* 2.1

BILANGAN VESEL MENANGKAP IKAN YANG BERLESEN MENGIKUT NEGERI DAN KELAS MUATAN 2003

NUMBER OF LICENCED FISHING VESSELS BY STATE AND TONNAGE CLASS, 2003

Jenis *Type* **Negeri** *State*	**Jumlah** *Total*	**Vesel Tidak Berjentera** *Non - Powered Vessels*	**Vesel Berjentera Sangkut** *Outboard - Powered Vessels*	**Vesel Berjentera Dalam** */ In Board-Powered Vessels*								
				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 & Keatas** *(& Above)*
Pantai Barat/*West Coast:*												
Perlis	**631**	0	108	**523**	16	76	32	40	46	114	154	45
Kedah	**1,398**	0	583	**815**	76	148	88	61	63	216	98	65
Pulau Pinang/Penang	**2,091**	3	1620	**468**	45	304	8	1	1	80	21	8
Perak	**3,869**	27	621	**3221**	379	1,253	323	507	133	151	387	88
Selangor	**3,225**	65	1423	**1737**	131	757	237	148	128	135	198	3
Negeri Sembilan	**297**	0	258	**39**	0	33	6	0	0	0	0	0
Melaka/*Malacca*	**777**	41	626	**110**	0	91	19	0	0	0	0	0
Johor Barat/*West Johor*	**2,341**	12	1,729	**600**	88	182	150	137	31	10	2	0
Jumlah/*Total*	**14,629**	**148**	**6,968**	**7,513**	**735**	**2,844**	**863**	**894**	**402**	**706**	**860**	**209**
Pantai Timur/*East Coast:*												
Kelantan	**938**	0	108	**830**	198	116	118	85	16	67	57	173
Terengganu	**2,158**	0	466	**1692**	238	514	338	206	123	142	76	55
Pahang	**939**	0	341	**598**	22	159	134	41	19	70	111	42
Johor Timur/*East Johor*	**1,248**	12	477	**759**	54	182	120	53	23	109	190	28
Jumlah/*Total*	**5,283**	**12**	**1,392**	**3,879**	**512**	**971**	**710**	**385**	**181**	**388**	**434**	**298**
Malaysia:												
Semenanjung Malaysia/ *(Peninsular Malaysia)*	**19,912**	160	8,360	11,392	1,247	3,815	1,573	1,279	583	1,094	1,294	507
Sarawak	**4,958**	47	1,590	3,321	1423	708	332	124	134	131	174	295
Sabah	**10,456**	2,524	4,653	3,279	555	1,199	614	231	220	402	52	6
W.Persekutuan Labuan/ *Labuan F.Territory*	**132**	0	121	11	0	0	0	0	4	1	1	5
Jumlah Besar *Grand Total*	**35,458**	**2,731**	**14,724**	**18,003**	**3,225**	**5,722**	**2,519**	**1,634**	**941**	**1,628**	**1,521**	**813**

GRT- Gross Registered Tonnage.

Jadual *(Table)* 2.2

MALAYSIA

BILANGAN VESEL MENANGKAP IKAN BERLESEN MENGIKUT NEGERI DAN KUASA KUDA, 2003

NUMBER OF LICENCED FISHING VESSELS BY STATE AND HORSEPOWER, 2003

Negeri/ *State* **Kuasa/Kuda** *Horsepower*	**Perlis**	**Kedah**	**Pulau Pinang** *Penang*	**Perak**	**Selangor**	**Negeri Sembilan**	**Melaka** *Malacca*	**Johor Barat** *West Johor*	**Jumlah Kecil** *Sub - Total*	**Kelantan**	**Terengganu**	**Pahang**	**Johor Timur** *East Johor*	**Jumlah Kecil** *Sub - Total*	**Sarawak**	**Sabah**	**W.P Labuan** *Federal Territory*	**Jumlah Kecil** *Sub - total*	**Jumlah Besar** *Grand Total*
Enjin Dalam/ Inboard Powered																			
Kurang dari 5k.k (Under 5 h.p)	0	4	0	3	0	0	0	0	7	18	2	1	0	21	214	122	0	336	364
5-9 k.k(h.p)	2	17	0	8	0	0	1	24	52	155	37	1	4	197	684	301	0	985	1,234
10-19 "	15	48	29	112	19	0	24	51	298	59	312	42	101	514	972	245	0	1,217	2,029
20-39 "	51	66	18	67	300	22	70	124	718	245	617	207	169	1,238	474	163	1	638	2,594
40-59 "	11	14	1	207	85	3	2	40	363	26	45	22	16	109	276	603	0	879	1,351
60-99 "	14	26	78	198	108	7	1	121	553	24	149	48	44	265	161	275	1	437	1,255
100-149 "	85	142	208	1,441	480	7	12	124	2,499	57	226	37	52	372	169	296	2	467	3,338
150-249 "	198	217	43	629	345	0	0	111	1,543	42	186	23	103	354	135	750	1	886	2,783
250 - 299 "	47	148	33	278	57	0	0	5	568	30	39	17	38	124	227	524	6	757	1,449
300 - 349 "	20	54	33	278	0	0	0	0	385	11	19	14	42	86	0	0	0	0	471
350 k.k keatas (350 h.p & Above)	80	79	25	0	343	0	0	0	527	163	60	186	190	599	9	0	0	9 0	1,135 0
Jumlah Kecil/ Sub - Total	**523**	**815**	**468**	**3,221**	**1,737**	**39**	**110**	**600**	**7,506**	**830**	**1,692**	**598**	**759**	**3,879**	**3,321**	**3,279**	**11**	**6,602**	**17,987**
Enjin Sangkut/ Outboard - Powered																			
Kurang dari 5k.k (Under 5 h.p)	1	29	32	166	19	27	44	289	607	69	95	16	87	267	116	252	0	368	1,242
5-9 k.k(h.p)	69	320	56	105	64	19	132	499	1,264	35	94	159	132	420	192	378	1	571	2,255
10-19 "	38	184	285	131	440	118	300	573	2,069	4	176	102	141	423	338	1,746	33	2,117	4,609
20-39 "	0	30	454	162	752	60	130	244	1832	0	86	56	85	227	447	1,854	22	2,323	4,382
40-59 "	0	18	715	48	148	32	18	124	1103	0	15	8	32	55	450	361	36	847	2,005
60-99 "	0	2	78	9	0	2	1	0	92	0	0	0	0	0	45	62	18	125	217
100 k.k keatas	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	11	13	14
Jumlah Kecil/ Sub -Total	**108**	**583**	**1620**	**621**	**1423**	**258**	**626**	**1,729**	**6,968**	**108**	**466**	**341**	**477**	**1,392**	**1,590**	**4,653**	**121**	**6,364**	**14,724**
Jumlah Besar/ Grand Total	**631**	**1,398**	**2,088**	**3,842**	**3,160**	**297**	**736**	**2,329**	**14,474**	**938**	**2,158**	**939**	**1,236**	**5,271**	**4,911**	**7,932**	**132**	**12,966**	**32,711**

Nota: Jadual ini tidak termasuk vesel tidak berjentera

Note: This table does not include non-powered vessels

MALAYSIA

BILANGAN VESEL MENANGKAP IKAN BERLESEN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 2003

NUMBER OF LICENCED FISHING VESSELS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 2003

Jenis Dan Kelas Muatan/ *Type And Tonnage Class* **Kumpulan Perkakas/** *Gear Group*	**Semenanjung Malaysia/***Peninsular Malaysia*												**Sarawak**	**Sabah**	**W.P Labuan**
	Jumlah *Total*	**Tidak Berjentera** *Non - Powered*	**Berjentera Sangkut** *Outboard - Powered*	**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**	**70GRT& Keatas/** *Above*			
Pukat Tunda *Trawl nets*	**3,981**	0	0	**3,981**	5	102	471	874	422	894	995	218	724	1,422	5
Pukat Jerut Ikan *Fish Purse Seines*	**879**	0	108	**771**	1	6	37	54	43	118	285	227	26	124	5
Pukat Jerut Bilis *Anchovy Purse Seines*	**164**	0	14	**150**	10	54	9	7	2	3	8	57	0	42	0
Pukat Tarik Lain *Other Seines*	**2,742**	4	1,780	**958**	97	838	11	8	2	0	2	0	0	56	0
Pukat Hanyut *Gill/Drift Nets*	**9,364**	77	5,784	**3,503**	761	1,904	639	139	36	22	2	0	1,774	4,356	57
Pukat Tangguk *Lift Nets*	**130**	0	73	**57**	4	18	11	10	9	4	1	0	0	356	7
Belat *Stationary Traps*	**52**	0	50	**2**	0	2	0	0	0	0	0	0	10	129	2
Bubu *Portable Traps*	**321**	1	67	**253**	15	80	83	42	23	9	0	1	23	294	5
Pancing *Hooks & Lines*	**1,493**	3	317	**1,173**	244	473	262	137	38	18	1	0	118	2,734	51
Pukat Bakul *Bag Nets*	**332**	2	35	**295**	45	204	46	0	0	0	0	0	120	0	0
Pukat Rentang *Barrier Nets*	**5**	0	5	**0**	0	0	0	0	0	0	0	0	30	0	0
Pukat Surung *Push / Scoop Nets*	**0**	0	0	**0**	0	0	0	0	0	0	0	0	105	5	0
Memungut Siput *Shellfish Collection*	**113**	0	16	**97**	60	37	0	0	0	0	0	0	0	134	0
Pembawa Ikan *Fish Carriers*	**213**	69	16	**128**	2	93	3	3	5	22	0	0	2,028	0	0
Rampaian *Miscellaneous*	**123**	4	95	**24**	3	4	1	5	3	4	0	4	0	804	0
Jumlah/*Total*	**35,458**	**160**	**8,360**	**11,392**	**1,247**	**3,815**	**1,573**	**1,279**	**583**	**1,094**	**1,294**	**507**	**4,958**	**10,456**	**132**

Nota / Note: GRT- Gross Registered Tonnage.

Jadual *(Table)* 2.4

MALAYSIA

BILANGAN VESEL MENANGKAP IKAN YANG BERLESEN MENGIKUT DAERAH PERIKANAN, 2003

NUMBER OF LICENCED FISHING VESSELS BY FISHERIES DISTRICTS, 2003

Daerah - Daerah Perikanan Fisheries Districts	Berjentera Dalam *Inboard*	Berjentera Sangkut *Outboard*	Tidak Berjentera *Non - Powered*	Jumlah *Total*
SEMENANJUNG MALAYSIA *(PENINSULAR MALAYSIA)*				
1 Kuala Perlis	523	108	0	631
2 Langkawi	98	239	0	337
3 Kedah Utara	547	230	0	777
4 Kedah Selatan	170	114	0	284
5 Timur Laut/P.Pinang	49	511	0	560
6 Barat Daya/P.Pinang	112	532	0	644
7 Seberang Prai Utara	87	294	1	382
8 Seberang Prai Tengah	0	60	0	60
9 Seberang Prai Selatan	220	223	2	445
10 Krian	1,005	214	15	1,234
11 Larut Matang	969	67	2	1,038
12 Manjung	654	287	4	945
13 Hilir Perak	593	53	6	652
14 Selangor Utara	608	479	0	1,087
15 Selangor Tengah	384	405	0	789
16 Pelabuhan Kelang 1	374	8	0	382
17 Pelabuhan Kelang 2	206	323	65	594
18 Selangor Selatan	165	208	0	373
19 Port Dickson	39	258	0	297
20 Melaka	110	626	41	777
21 Muar	193	267	5	465
22 Batu Pahat	192	242	1	435
23 Pontian	212	403	6	621
24 Johor Bharu	3	817	0	820
25 Kota Tinggi Utara (Tg.Sedili)	225	27	0	252
26 Kota Tinggi Selatan (Pengerang)	81	407	12	500
27 Mersing	453	43	0	496
28 Kuantan	182	59	0	241
29 Pekan	235	246	0	481
30 Kuala Rompin	181	36	0	217
31 Kemaman	304	31	0	335
32 Dungun	281	73	0	354
33 Marang	152	235	0	387
34 Kuala Terengganu Utara	174	45	0	219
35 Kuala Terengganu Selatan	307	18	0	325
36 Besut	352	13	0	365
37 Setiu	122	51	0	173
38 Kota Bharu	123	63	0	186
39 Bachok& Pasir Putih	378	38	0	416
40 Tumpat	255	81	0	336
Jumlah Kecil *Sub -Total*	**11,318**	**8,434**	**160**	**19,912**

Daerah - Daerah Perikanan Fisheries Districts	**Berjentera Dalam** *Inboard*	**Berjentera Sangkut** *Outboard*	**Tidak Berjentera** *Non-Powered*	**Jumlah** *Total*
SARAWAK				
1 Bandar Kuching	242	0	0	242
2 Santubong	216	55	0	271
3 Pendam(Sadong Jaya)	622	2	5	629
4 Sematan	42	178	0	220
5 Batang Lupar (Sebuyau)	263	1	0	264
6 Saribas/Kalaka(Kabong)	544	4	13	561
7 Sibu/Igan	84	32	0	116
8 Sarikei/Bitangor	79	0	0	79
9 Mukah/Oya	146	394	0	540
10 Belawai	257	3	0	260
11 Matu Daro	349	227	2	578
12 Bintulu	145	114	0	259
13 Miri	332	171	27	530
14 Limbang	0	109	0	109
15 Lawas	0	300	0	300
Jumlah Kecil/*Sub -Total*	**3,321**	**1,590**	**47**	**4,958**
SABAH				
1 Tawau	150	670	295	1,115
2 Semporna	452	165	283	900
3 Kunak	12	94	90	196
4 Lahad Datu	146	108	112	366
5 Sandakan	854	360	485	1,699
6 Beluran	164	634	178	976
7 Kudat	936	255	75	1,266
8 Kota Marudu	37	390	129	556
9 Pitas	67	220	131	418
10 Kota Belut	93	340	343	776
11 Tuaran	35	162	61	258
12 Kota Kinabalu	246	254	15	515
13 Papar	1	145	20	166
14 Beaufort	38	383	65	486
15 Kuala Penyu	7	323	239	569
16 Sipitang	41	150	3	194
Jumlah Kecil/*Sub -Total*	**3,279**	**4,653**	**2,524**	**10,456**
W.P LABUAN/*LABUAN FT*				
1 Kg Bebuloh	0	29	0	29
2 Kg Ranca-Ranca	2	31	0	33
3 Kg Lubok Temiang	0	14	0	14
4 Kg Batu Manikar	0	0	0	0
5 Kg Tg. Aru	1	22	0	23
6 Kg Miri/Lada/Pagar	0	5	0	5
7 Kg Patau Patau	1	19	0	20
8 Lain Lain Kampung	8	0	0	8
Jumlah Kecil/*Sub -Total*	**12**	**120**	**0**	**132**
Jumlah Besar/*Grand Total*	**17,930**	**14,797**	**2,731**	**35,458**

Jadual *(Table)* 2.5

SEMENANJUNG MALAYSIA / PENINSULAR MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG BERLESEN DAN BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL BERLESEN, 1979- 2003

NUMBER OF FISHING VESSELS LICENSED AND NUMBER OF FISHERMEN WORKING ON LICENCED VESSELS, 1979- 2003

Bilangan Vesel Menangkap Ikan Yang Berlesen *Number Of Fishing Vessels Licenced*					Bilangan Nelayan *Number of Fishermen*				
Tahun *Year*	**Berjentera Dalam** *Inboard*	**Berjentera Sangkut** *Outboard*	**Tidak Berjentera** *Non - Powered*	**Jumlah** *Total*	**Bumiputera** Bumiputeras	**Cina** *Chinese*	**India** *Indians*	**Lain-Lain** *Others*	**Jumlah** Total
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	17,575	7,246	2,620	27,441	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
1996	12,701	8,112	437	21,250	28,418	17,010	206	6,676	52,310
1997	12,097	7,875	393	20,365	27,457	17,133	236	5,909	50,735
1998	12,411	7,230	330	19,971	25,538	16,820	239	7,441	50,038
1999	12,646	6,489	208	19,343	25,152	17,207	218	8,364	50,941
2000	12,140	6,240	184	18,564	25,532	16,196	231	9,340	51,299
2001	11,914	6,767	165	18,846	26,471	16,662	272	10,233	53,638
2002	16,343	11,766	2,642	30,751	45,830	17,108	1,877	17,815	82,630
2003	18,003	14,724	2,731	35,458	43,728	15,425	272	15,425	74,850

MALAYSIA
BILANGAN PERKAKAS YANG DILESENKAN MENGIKUT NEGERI, 2003
NUMBER OF LICENCED FISHING GEARS BY STATE, 2003

Kumpulan Perkakas *Gear Groups* / Negeri *State*	Pukat Tunda Trawl Nets	Pukat Jenut Ikan Fish Purse Seines	Pukat Jenut Bilis Anchovy Purse Seines	Pukat Tarik Lain Other Seines	Pukat Hanyut *Drift/Gill Nets*	Pukat Tangguk *Lift Nets*	Belat *Stationary Traps*	Bubu *Portable Traps*	Pancing Hook & Line	Pukat Bakul Bag *Nets*	Pukat Rentang Barrire Nets	Pukat Surung Push/Scoop Net	Memungut Siput Shellfish Collection	Rampaian *Miscellaneous*	Jumlah Total
Pantai Barat/West Coast:															
Perlis	233	129	0	0	235	0	0	3	2	0	0	0	0	0	602
Kedah	475	25	54	342	489	0	0	1	1	11	0	0	0	0	1,398
Pulau Pinang/Penang	91	17	0	71	1,722	0	0	18	63	13	0	0	0	96	2,091
Perak	1,422	65	8	309	1,428	0	0	11	66	60	0	0	90	131	3,590
Selangor	723	14	0	1	2,139	0	0	38	125	212	8	0	0	1	3,261
Negeri Sembilan	0	0	0	0	290	0	0	6	1	0	0	0	0	0	297
Melaka/Malacca	0	0	0	0	777	0	0	0	0	0	0	0	0	0	777
Johor Barat/West Johor	158	0	0	1	1,998	0	11	74	23	57	0	0	10	9	2,341
															0
Jumlah Kecil/*Sub -Total*	**3,102**	**250**	**62**	**724**	**9,078**	**0**	**11**	**151**	**281**	**353**	**8**	**0**	**100**	**237**	**14,357**
Pantai Timur/East Coast															
Kelantan	170	172	8	9	392	13	0	10	164	0	0	0	0	0	938
Terengganu	195	278	16	5	614	45	0	112	893	0	0	0	0	0	2,158
Pahang	239	26	7	1	449	6	0	71	140	0	0	0	0	0	939
Johor Timur/East Johor	306	48	0	1	720	1	25	13	113	14	0	0	0	0	1,241
Jumlah Kecil/*Sub -Total*	**910**	**524**	**31**	**16**	**2,175**	**65**	**25**	**206**	**1,310**	**14**	**0**	**0**	**0**	**0**	**5,276**
Sarawak	910	26	0	129	3,938	0	15	197	208	432	172	222	0	13	6,262
Sabah	1,422	124	42	56	4,356	356	129	294	2,734	0	0	5	134	804	10,456
W.Persekutuan Labuan/ *Labuan F.Teritory*	5	5	0	0	587	7	2	5	51	0	0	0	0	0	662
Jumlah Kecil/*Sub -Total*	**2,337**	**155**	**42**	**185**	**8,881**	**363**	**146**	**496**	**2,993**	**432**	**172**	**227**	**134**	**817**	**17,380**
Jumlah Besar *Grand Total*	**6,349**	**929**	**135**	**925**	**20,134**	**428**	**182**	**853**	**4,584**	**799**	**180**	**227**	**234**	**1,054**	**37,013**

MALAYSIA

PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS , 2003 **Jadual *(Table)* 4.1**

LANDINGS OF MARINE FISH BY STATE AND GEAR GROUP , 2003

Kumpulan Perkakas *Gear Group* / **Negeri** *State*	**Pukat Tunda** Trawl Nets	**Pukat Jerut Ikan** Fish Purse Seines	**Pukat Jerut Bilis** Anchovy Purse Seines	**Pukat Tarik Lain** Other Seines	**Pukat Hanyut** *Drift/Gill Nets*	**Pukat Tangguk** *Lift Nets*	**Belat** *Stationary Traps*	**Bubu** *Portable Traps*	**Pancing** Hook & Line	**Pukat Bakul** Bag *Nets*	**Pukat Rentang** Barrire Nets	**Pukat Surung** Push/Scoop Net	**Memungut Siput** Shellfish Collection	**Rampaian** *Miscellaneous*	**Jumlah** Total
Pantai Barat */West Coast*															
Perlis	21,414	52,641	0	0	5,108	0	0	0	0	0	0	309	0	43	79,515
Kedah	40,945	4,530	9,706	1,971	19,426	0	45	71	176	309	69	374	2,866	39	80,526
Pulau Pinang	20,251	632	0	1,406	9,049	0	0	47	376	201	124	45	0	76	32,207
Perak	150,858	17,048	917	22,377	23,664	0	0	210	1,033	3,221	431	6,650	787	307	227,503
Selangor	83,000	5,803	0	101	10,493	0	168	112	2,004	6,039	1,127	765	3,175	3	112,790
Negeri Sembilan	0	0	0	9	271	0	0	13	9	0	0	0	0	0	301
Melaka	0	0	0	0	1,479	0	0	2	237	0	0	91	0	0	1,809
Johor Barat/*West Johor*	3,032	0	0	0	5,164	0	329	239	122	500	92	76	0	200	9,754
Jumlah/*Total*	319,499	80,653	10,623	25,864	74,654	0	541	695	3,956	10,271	1,842	8,312	6,828	667	544,406
Pantai Timur */East Coast*															
Kelantan	26,295	37,553	1,024	0	1,817	6,803	47	452	989	0	0	0	0	88	75,068
Terengganu	15,576	55,339	846	0	5,028	412	0	6,050	7,683	0	0	0	0	0	90,935
Pahang	86,937	30,962	1,144	0	6,812	105	0	4,449	2,182	0	0	0	0	0	132,590
Johor Timur/*East Johor*	65,150	8,181	0	0	654	0	26	231	1,821	1,277	0	0	0	16	77,356
Jumlah/*Total*	193,958	132,035	3,014	0	14,311	7,320	73	11,181	12,676	1,277	0	0	0	104	375,949
Malaysia															
Semenanjung Malaysia/ *Peninsular Malaysia*	513,457	212,689	13,637	25,864	88,965	7,320	614	11,876	16,632	11,548	1,842	8,312	6,828	771	920,355
Sarawak	148,715	5,046	0	0	27,551	0	643	235	4,358	2,887	1,996	222	12	955	192,620
Sabah	61,001	43,700	2	602	13,963	11,895	931	2,418	23,324	2	0	0	170	2,261	160,269
Wilayah Persekutuan Labuan/ *Labuan, Federal Territory*	4,340	2,735	0	8	1,615	333	124	51	806	0	0	0	0	0	10,012
Jumlah Besar *Grand Total*	727,513	264,170	13,639	26,474	132,094	19,548	2,312	14,580	45,120	14,437	3,838	8,534	7,010	3,987	1,283,256

MALAYSIA

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 2003 **Jadual** *(Table)* **4.2**

LANDINGS OF MARINE FISH BY MONTH AND STATE, 2003

(**Tan Metrik**/*Tonnes*)

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** *Total*
Pantai Barat/*West Coast*													
Perlis	5,784	5,601	7,457	7,472	7,947	7,411	6,569	6,227	6,733	6,432	6,352	5,530	79,515
Kedah	5,394	7,198	8,555	7,288	6,976	6,684	6,002	7,325	7,416	5,858	5,115	6,715	80,526
Pulau Pinang	2,531	2,665	2,713	2,944	2,815	2,765	2,674	2,750	2,524	2,464	2,568	2,793	32,207
Perak	16,582	16,548	17,943	19,015	19,946	19,594	19,688	20,799	21,256	15,158	20,102	20,871	227,503
Selangor	7,506	6,669	8,081	10,428	9,752	9,119	9,515	12,023	10,854	9,946	9,321	9,574	112,790
Negeri Sembilan	22	23	24	26	25	27	28	30	19	25	27	27	301
Melaka	137	147	142	141	142	148	158	159	159	162	158	157	1,809
Johor Barat/*West Johor*	932	1,103	645	811	795	852	794	663	708	844	834	774	9,754
Jumlah Kecil/*Sub-Total*	38,889	39,954	45,561	48,124	48,398	46,601	45,428	49,977	49,669	40,888	44,477	46,441	544,406
Pantai Timur/*East Coast*													
Kelantan	5,309	5,408	6,074	7,263	7,838	4,594	9,391	8,261	4,933	8,543	4,181	3,272	75,068
Terengganu	4,532	6,776	7,855	7,007	6,514	7,166	8,991	10,746	11,678	11,579	5,277	2,811	90,935
Pahang	8,802	5,315	9,221	10,444	8,945	9,312	12,310	12,085	15,535	16,645	14,136	9,840	132,590
Johor Timur/*East Johor*	4,695	3,458	6,652	6,170	6,995	8,372	7,232	7,311	7,579	8,105	6,634	4,154	77,356
Jumlah Kecil/*Sub-Total*	23,338	20,957	29,802	30,884	30,292	29,444	37,924	38,403	39,725	44,872	30,229	20,078	375,949
Malaysia:													
Semenanjung Malaysia/ *Peninsular Malaysia*	62,227	60,911	75,363	79,008	78,690	76,045	83,352	88,380	89,394	85,760	74,705	66,519	920,355
Sarawak	10,365	10,891	13,333	16,879	17,867	20,188	21,188	18,351	18,150	16,530	15,634	13,244	192,620
Sabah	12,006	12,942	13,376	14,388	15,389	14,112	13,435	12,129	13,399	13,854	13,238	12,001	160,269
Wilayah Persekutuan Labuan/ *Labuan Federal Territory*	525	624	770	788	831	971	965	901	842	714	881	1,200	10,012
Jumlah Besar *Grand Total*	85,123	85,368	102,842	111,063	112,777	111,316	118,940	119,761	121,785	116,858	104,458	92,964	1,283,256

SEMENANJUNG MALAYSIA

PENDARATAN IKAN LAUT MENGIKUT PERKAKAS DAN BULAN, 2003

Jadual *(Table)* **4.3**

LANDINGS OF MARINE FISH BY GEAR GROUP AND MONTH, 2003

(**Tan Metrik**/*Tonnes*)

Bulan/*Month* / **Kumpulan Perkakas** *Gear Group*	**Januari** *January*	**Februari** *February*	**Mac** *March*	**April** *April*	**Mei** *May*	**Jun** *June*	**Julai** *July*	**Ogos** *August*	**September** *September*	**Oktober** *October*	**November** *November*	**Disember** *December*	**Jumlah** *Total*
Pukat Tunda *Trawl Nets*	36,744	32,869	39,504	43,877	44,773	43,259	44,455	48,585	48,211	43,411	45,432	42,338	513,457
Pukat Jerut Ikan *Fish Purse Seines*	12,862	13,933	19,655	18,441	17,248	15,745	22,207	21,751	21,367	24,662	15,342	9,476	212,689
Pukat Jerut Bilis *Anchovy Purse Seines*	1,124	1,473	1,540	1,287	945	1,476	1,055	1,012	953	696	472	1,601	13,637
Pukat Tarik Lain *Other Seines*	2,508	2,608	2,821	2,245	2,080	2,064	1,477	1,761	1,837	2,025	2,195	2,243	25,864
Pukat Hanyut *Gill/Drift Nets*	5,514	5,739	6,960	7,025	7,479	7,568	7,824	8,680	10,528	8,767	6,452	6,431	88,965
Pukat Tangguk *Lift Nets*	32	187	368	597	974	1,206	916	1,043	929	997	71	0	7,320
Belat *Stationary Traps*	70	68	46	49	35	43	45	66	34	61	42	54	614
Bubu *Portable Traps*	545	840	847	928	995	904	1,080	1,412	1,160	1,176	1,144	844	11,876
Pancing *Hooks & Lines*	912	1,176	999	1,251	1,194	1,388	1,435	1,756	2,079	1,910	1,438	1,096	16,632
Pukat Bakul *Bag Nets*	1,002	835	749	980	723	860	840	908	1,222	1,143	919	1,367	11,548
Pukat Rentang *Barrier Nets*	144	152	134	92	207	156	130	184	143	154	174	171	1,842
Pukat Surung *Push/Scoop Nets*	584	639	728	797	798	690	746	690	647	541	708	743	8,312
Memungut Siput *Shellfish Collection*	122	313	935	1,371	1,175	624	1,085	469	223	156	253	103	6,828
Rampaian *Miscellaneous*	66	78	79	68	65	63	58	61	61	60	61	52	771
Jumlah Besar *Grand Total*	62,227	60,911	75,363	79,008	78,690	76,045	83,352	88,380	89,394	85,760	74,705	66,519	920,355

MALAYSIA

PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY STATE AND SPECIES, 2003

(Tan Metrik/*Tonnes*)

ISCAAP GROUP NO.	Spesis *Species*	Pantai Barat/*West Coast*								Jumlah Kecil Sub-*Total*	Pantai Timur/*East Coast*				Jumlah Kecil Sub-Total	Sarawak	Sabah	W.P.Labuan *Labuan Federal Territory*	Jumlah Kecil Sub-Total	Jumlah Besar *Grand Total*
	Nama Tempatan *Local Name*	Perlis	Kedah	P.Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat *West Johor*		Kelantan	Terengganu	Pahang	Johor Timur *East Johor*						
24	Kebasi/Selangat	16	565	664	1,005	178	16	0	259	2,705	3	0	0	0	3	622	602	15	1,239	3,947
	Puput	32	0	0	0	188	0	0	3	222	0	0	0	0	0	619	2,842	20	3,481	3,704
	Beliak Mata	0	56	271	3,154	1,861	7	0	129	5,479	103	0	1	0	104	1,144	0	10	1,154	6,737
	Terubok	0	0	0	51	24	0	0	18	92	0	0	0	0	0	938	0	0	938	1,030
25	Siakap	0	5	1	46	60	4	0	53	170	3	4	5	3	16	28	1,121	0	1,149	1,335
31	Lidah	359	189	83	247	425	0	0	172	1,474	22	69	36	50	178	351	222	13	586	2,238
	Sebelah	1	129	13	84	106	0	0	2	334	20	65	53	140	279	400	507	84	991	1,604
33	Bayan	0	0	0	12	1	0	0	0	12	31	38	37	27	133	0	152	0	152	297
	Biji Nangka	11	212	178	5,859	100	0	0	11	6,371	1,797	731	317	173	3,019	4,798	213	150	5,161	14,550
	Baji-Baji	0	0	0	118	45	0	0	7	169	27	0	0	6	34	0	0	0	0	203
	Daun Baharu	0	15	0	50	53	7	27	14	166	7	5	18	42	72	917	201	92	1,210	1,448
	Delah	0	0	0	63	0	0	0	0	63	0	163	135	25	323	2	235	135	372	758
	Dengkis /Debam	0	1	0	11	0	0	0	0	12	16	387	178	200	780	0	698	116	814	1,607
	Duri/Pulutan/Utik	25	368	973	1,257	948	2	245	440	4,260	101	1,174	298	102	1,674	2,866	1,476	96	4,438	10,372
	Gelama/Tengkerong/Selampai	723	1,845	996	5,960	2,110	16	208	595	12,453	870	458	490	766	2,584	6,190	1,860	155	8,205	23,242
	Gerut-Gerut	8	120	13	302	78	1	33	35	590	12	15	26	29	82	74	448	112	634	1,306
	Jahan/Goh	0	0	0	34	0	0	0	55	89	0	0	118	260	378	639	0	0	639	1,106
	Jebong	10	0	28	433	5	0	0	11	487	5	319	801	151	1,276	0	242	10	252	2,015
	Jenahak	7	53	38	341	137	7	30	33	646	1	5	20	31	57	576	3,046	65	3,687	4,390
	Kaci	0	0	0	23	39	1	0	9	73	11	243	108	143	505	434	72	95	601	1,178
	Kapas Laut	0	23	0	50	1	0	0	1	75	129	268	42	54	493	0	0	5	5	573
	Kerapu	188	174	79	534	115	4	32	23	1,148	251	1,193	694	485	2,623	873	3,634	171	4,678	8,449
	Kerisi	1,004	653	301	5,357	122	0	0	0	7,437	1,304	4,348	4,336	1,960	11,947	3,664	6,919	180	10,763	30,147
	Kerisi Bali	0	33	0	421	5	0	0	0	459	133	417	1,237	38	1,825	492	1,037	183	1,712	3,996
	Kikek	25	55	0	152	0	0	0	28	260	149	499	21	26	694	209	422	113	744	1,698
	Lumi-Lumi	0	1	0	366	188	0		66	621	0	0	0	0	0	1,553	0	0	1,553	2,174
	Malong	72	100	16	104	982	3	73	200	1,550	29	6	57	62	155	2,820	1,197	4	4,021	5,726
	Merah	6	2	1	50	89	0	0	23	172	110	500	351	153	1,114	2,076	3,261	218	5,555	6,841
	Mengkerong/Conor/Ubi-Ubi	1,098	120	216	8,917	29	0	0	13	10,393	1,673	130	2,469	361	4,633	0	2,636	3	2,639	17,664
	Puntong Damar/Bulus	1	49	3	609	366	0	0	0	1,027	124	84	179	247	633	0	142	1	143	1,803
	Pasir-Pasir/Timun-Timun	0	1	0	6	0	0		0	6	134	654	1,127	299	2,214	0	24	31	55	2,276
	Puyu laut	0	56	0	40	55	0	0	0	151	0	0	0	0	0	0	0	0	0	151
	Pelanduk	0	0	0	58	0	0	0	0	58	0	39	43	82	163	28	0	0	28	249

Samb. Dari Jadual 4.4

(Con't From 4.4)

	Pinang-Pinang	0	0	0	1	0	0	0	0	1	0	1	9	82	92	0	0	0	0	92
	Remong/Kunyit-Kunyit	0	0	0	126	0	0	0	0	126	231	979	694	370	2,273	0	1,198	138	1,336	3,735
	Selampai/Tembereh	0	0	0	10	14	0	0	57	81	0	0	0	29	29	0	0	0	0	110
	Semilang	11	72	292	477	199	3	0	184	1,238	0	0	57	4	62	11	585	0	596	1,895
	Shrumbu/Lemah	0	0	0		0	0	0	0	0	0	0	0	0	0	490	6	19	515	515
	Tanda	2	33	5	57	26	0	0	0	123	16	95	37	8	156	0	0	24	24	303
	Temenggong/Lara Bara	191	1	0	1,304	0	0	0	0	1,495	1,923	595	5,134	1,637	9,290	0	0	0	0	10,785
	Aji-Aji	10	59	1	349	32	0	0	0	450	57	25	179	137	398	0	0	50	50	898
34	Alu-Alu/Kacang-Kacang	13	252	18	317	65	5	30	24	723	129	194	294	359	976	453	3,361	95	3,909	5,608
	Aruan Tasik	0	23	0	61	81	0	0	0	166	20	121	196	54	390	0	0	0	0	557
	Bawal *Hitam*	45	154	93	801	420	3	0	302	1,818	112	291	129	116	648	935	995	80	2,010	4,476
	Bawal *Putih*	25	273	245	433	574	0	21	202	1,774	6	2	33	25	66	218	0	35	253	2,092
	Bawal Tambak	3	59	113	215	122	5	19	38	573	0	0	2	0	3	189	0	0	189	765
	Bawal Selatan	0	0	11	25	351	0	0	0	387	0	0	0	0	0	0	0	0	0	387
	Belanak/Kedera	12	124	46	333	976	1	64	118	1,673	51	0	9	0	60	36	1,010	20	1,066	2,798
	Cermin/Sagai/Cupak	0	18	0	163	74	2	0	77	334	62	827	553	342	1,784	2,136	1,517	309	3,962	6,080
	Chaping	0	0	0		141	5	0	0	146	0	0	0	0	0	0	0	0	0	146
	Cincaru	375	192	251	1,997	2,269	1	18	86	5,189	1,809	1,727	1,634	1,440	6,610	3,961	5,908	185	10,054	21,853
	Demuduk/Rambai	53	164	0	112	1	0	0	0	331	124	138	161	125	547	947	5,295	90	6,332	7,211
	Gerong-Gerong	0	0	0	8	1	0	0	0	9	3	20	20	10	54	0	0	20	20	83
	Kurau/Senohong	0	0	0	25	106	7	11	4	152	0	0	20	43	63	60	751	8	819	1,034
	Senangin	49	44	100	583	575	4	66	139	1,560	5	0	70	8	81	465	0	8	473	2,114
	Senangin Buis	0	0	6	141	28	4	0	52	231	7	0	0	0	7	0	0	0	0	238
	Kerepoh	44	13	0	49	1	0	0	0	107	0	0	0	0	0	0	0	0	0	107
	Lolong	2,748	96	91	730	3	0	0	0	3,667	1,806	7,336	4,741	2,318	16,201	0	0	30	30	19,898
	Loban	0	0	0	2	8	0	0	0	10	0	0	0	0	0	0	0	0	0	11
	Selar	481	66	225	3,964	164	0	0	32	4,931	1,814	4,468	3,653	1,312	11,247	3,102	0	100	3,202	19,381
	Pelata	546	209	201	287	102	0	0	4	1,350	19	2	0	8	29	288	6,092	92	6,472	7,851
	Selar Kuning	7	52	19	621	36	0	0	0	735	1,513	990	4,620	2,051	9,174	2,181	1,955	40	4,176	14,086
	Pisang-Pisang	156	17	0	0	6	0	0	0	180	0	0	22	0	22	0	20	1	21	223
	Selayang/Curut	19,198	456	92	2,517	24	0	0	0	22,287	16,907	20,378	6,782	1,684	45,751	1,302	9,600	158	11,060	79,098
	Ketang	0	0	0	51	2	0	0	12	65	0	0	0	8	8	0	0	0	0	73
	Talang	20	86	86	204	74	15	21	68	575	5	3	378	56	443	824	1,253	39	2,116	3,133
	Todak	0	2	0	17	17	0	0	16	52	0	7	0	6	13	1	0	0	1	66
35	Tamban *Sisek*	880	677	67	676	140	0	0	56	2,494	1,592	7,155	8,111	2,752	19,611	895	0	100	995	23,100
	Tamban Buluh Bulat	893	24	0	292	0	0	0	0	1,209	0	0	1	0	1	3,416	0	60	3,476	4,687
	Tamban/Cincang Rebong	0	0	121	78	0	0	0	0	199	0	0	0	1	1	6	9,604	28	9,638	9,839
	Tamban Beluru	0	0	0	18	1	0	0	0	20	875	1,200	870	179	3,124	0	0	60	60	3,204
	Bilis/Bunga Air	0	9,240	0	786	309	0	0	22	10,356	5,657	577	895	72	7,201	100	2,654	8	2,762	20,319
	Parang-Parang	51	102	46	275	518	13	149	294	1,448	90	230	851	325	1,496	1,221	231	10	1,462	4,407
	Bulan-Bulan	0	0	0	6	0	0	0	0	7	2	0	4	0	6	80	42	0	122	135
36	Aya/Tongkol/Aya Hitam	6,588	1,761	13	3,371	860	0	0	6	12,599	9,298	2,066	2,518	525	14,407	2,515	10,817	825	14,157	41,163
	Aya/Tongkol/Aya Kurik	0	0	5	814	0	0	0	0	819	2,524	3,906	955	884	8,270	577	0	800	1,377	10,466

Samb. Dari Jadual 4.4
(Con't From 4.4)

	Kayu/Tongkol/Aya Selaseh	0	0	0	11	0	0	0	0	11	601	0	0	0	601	1,849	0	739	2,588	3,199
	Layaran	17	0	0	0	0	0	0	0	17	0	0	0	0	0	0	149	10	159	176
	Mersuji	0	0	0	0	0	0	0	0	0	0	8	9	0	18	0	0	15	15	33
	Tenggiri	340	743	100	936	2,153	27	163	249	4,711	94	864	806	667	2,431	4,549	4,149	249	8,947	16,089
37	Kembong	2,854	4,781	43	2,462	267	0	0	0	10,407	2,266	6,617	6,746	1,215	16,844	3,486	9,887	676	14,049	41,300
	Pelaling/Temenong	13,979	21,246	6,785	28,097	7,481	0	0	0	77,588	0	0	2,085	127	2,212	3,457	0	300	3,757	83,558
	Timah/Layor/Selayor	27	202	65	1,785	236	0	63	290	2,668	185	370	580	163	1,299	1,834	651	6	2,491	6,459
	Yu	7	126	12	559	290	1	57	36	1,087	69	553	678	807	2,108	3,499	1,878	124	5,501	8,695
	Pari	104	212	562	3,436	1,192	23	147	267	5,944	178	781	1,754	2,012	4,725	6,658	1,819	107	8,584	19,253
38	Ikan Baja	18,633	17,274	14,405	86,339	62,435	0	0	1,919	201,005	14,912	6,334	46,248	35,433	102,927	36,782	12,161	935	49,878	353,810
	Ikan Campur	2,101	3,795	85	1,091	2,469	30	147	640	10,358	444	4,903	6,262	592	12,202	43,508	10,064	525	54,097	76,657
39	Ketam Laut	91	761	75	1,141	369	0	0	0	2,437	41	164	124	127	456	2,466	3,192	20	5,678	8,571
	Ketam Renjong	143	163	227	477	401	18	0	444	1,872	0	107	692	525	1,324	241	0	15	256	3,452
	Ketam Batu	0	35	37	197	59	0	0	0	328	91	62	1	14	168	38	0	10	48	543
42	Udang Karang	0	0	0	19	3	0	0	0	23	12	0	28	64	104	1,250	295	28	1,573	1,700
43	Udang Lobok	0	0	0	0	0	0	0	0	0	0	38	142	199	378	7	0	25	32	410
45	Udang harimau	47	112	4	109	29	0	0	7	308	16	26	2	115	159	987	430	64	1,481	1,948
	Udang Putih Besar	94	482	788	1,520	1,141	30	46	262	4,362	54	98	234	147	533	1,006	0	80	1,086	5,981
	Udang Putih Sedang	263	535	281	1,953	1,134	20	53	458	4,697	11	99	57	2	169	3,305	3,507	40	6,852	11,718
	Udang Putih Kecil	1,205	54	223	4,348	660	13	20	170	6,693	42	80	6	24	152	1,151	0	60	1,211	8,056
	Udang Kaki Merah/Sua Lor	140	648	561	103	1,748	0	0	108	3,308	4	134	470	329	937	809	0	50	859	5,104
	Udang Merah Ros	53	324	0	0	24	0	0	0	401	0	0	0	0	0	3	481	40	524	926
	Udang Kulit Keras	0	5	78	1,941	869	0	0	113	3,007	152	17	39	0	208	607	193	50	850	4,065
	Udang Kuning	0	0	22	1,714	293	0	0	76	2,106	0	0	0	5	5	0	0	0	0	2,111
	Udang Cendana Rotan	313	1,367	3	5,247	3	0	0	2	6,935	0	0	18	0	18	106	0	0	106	7,059
	Udang Merah	0	0	0	270	223	0	0	73	566	0	0	0	4	4	3,913	0	0	3,913	4,482
	Udang Pasir Besar	0	0	0	0	1	0	0	21	22	0	0	0	0	0	0	0	15	15	37
	Udang Pasir Sedang	0	699	0	182	47	0	0	24	951	6	22	9	5	43	0	2,410	15	2,425	3,419
	Udang Pasir Kecil	79	3	9	9	333	0	0	79	512	56	71	359	505	991	0	0	25	25	1,528
	Udang Minyak	0	65	165	3,444	1,208	0	0	38	4,921	32	105	64	182	384	108	254	0	362	5,667
	Udang Minyak jalur	0	0	0	0	122	0	0	0	122	0	0	11	0	11	0	0	0	0	132
	Udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	4	51	249	304	0	0	0	0	305
	Udang Susu	0	0	0	0	386	0	0	0	386	0	0	3	0	3	0	0	0	0	389
	Udang Baring	238	105	43	4,000	1,795	0	67	405	6,654	0	67	0	946	1,013	302	301	0	603	8,270
	Kupang/Siput Sudu	0	0	0	103	0	0	0	0	103	0	0	0	0	0	1	0	0	1	104
	Siput Retak Seribu	0	2,866	0	0	2,942	0	0	0	5,808	0	0	0	0	0	0	0	0	0	5,808
	Kepah	0	0	0	57	0	0	0	0	57	0	0	0	0	0	0	565	0	565	622
	Lala	0	0	0	106	215	0	0	0	320	0	0	0	0	0	0	0	0	0	320
53	Lain-Lain Siput	0	0	0	521	22	0	0	0	544	86	4	0	0	90	10	0	0	10	643
57	Sotong Biasa/Cumit	2,379	3,555	1,232	9,810	2,415	0	0	65	19,457	1,399	2,909	5,794	5,625	15,726	6,654	7,941	130	14,725	49,908
	Sotong Katak	394	929	377	5,764	2,367	0	0	13	9,844	498	1,347	2,431	4,305	8,582	2,473	2,681	150	5,304	23,730
	Sotong Kereta	27	344	0	98	281	0	0	0	750	94	0	57	84	235	0	333	0	333	1,319
77	Ubur-Ubur	0	0	0	1,647	549	0	0	3	2,199	0	0	0	0	0	2,839	825	0	3,664	5,863
	Jumlah/ *Total*	79,515	80,526	32,207	227,503	112,790	301	1,809	9,754	544,406	75,068	90,935	132,590	77,356	375,949	192,620	160,269	10,012	362,901	1,283,256

Jadual *(Table)* **4.5**

MALAYSIA

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 2003

(**Tan Metrik**/Tonnes)

ISSCAAP GROUP NO.	**Spesis** *Species* / **Nama Tempatan** *Local Name*	**Januari** *January*	**Febuari** *February*	**Mac** *March*	**April** *April*	**Mei** *May*	**Jun** *June*	**Julai** *July*	**Ogos** *August*	**September** *September*	**Oktober** *October*	**November** *November*	**Disember** *December*	**Jumlah (Tan Metrik)** *Total (Tonnes)*
24	Kebasi Selangat	243	312	348	385	405	381	265	441	378	272	273	244	3,947
	Puput	208	269	244	454	284	296	272	431	309	348	303	284	3,704
	Beliak Mata	649	458	459	514	458	583	596	424	916	756	527	396	6,737
	Terubok	70	15	94	191	77	36	64	81	98	222	50	33	1,030
25	Siakap	131	133	63	85	93	102	127	154	110	122	119	96	1,335
31	Lidah	176	187	167	185	204	165	206	169	213	157	219	188	2,238
	Sebelah	99	109	121	115	144	138	149	147	169	125	179	110	1,605
33	Bayan	8	54	46	36	28	15	19	19	26	21	14	11	297
	Biji Nangka	983	976	1,236	1,300	1,222	1,293	1,325	1,384	1,378	1,151	1,091	1,212	14,550
	Baji-Baji	17	19	14	9	19	24	17	13	11	38	13	10	203
	Daun Baharu	38	49	61	107	112	154	141	163	211	79	210	124	1,448
	Delah/Pinang-Pinang	28	33	29	30	42	179	80	95	60	74	58	51	758
	Dengkis/Debam	117	128	109	116	122	140	153	162	149	188	127	96	1,607
	Duri/Pulutan/Utik	708	671	760	845	795	1,114	1,081	849	848	1,080	713	906	10,372
	Gelama/Tengkerong/Selampai	1,702	1,547	1,724	1,637	2,035	2,165	2,642	2,031	2,140	1,949	1,939	1,730	23,242
	Gerut-Gerut	90	124	105	99	126	110	130	103	111	102	103	105	1,306
	Jahan/Goh	66	42	55	62	74	124	107	156	148	121	101	49	1,106
	Jebong	149	85	122	121	126	102	213	245	311	257	153	132	2,015
	Jenahak	242	290	252	359	435	372	412	396	480	404	403	349	4,391
	Kaci	52	55	61	86	92	99	124	133	155	154	104	65	1,178
	Kapas Laut	54	28	51	38	43	45	47	65	45	50	52	55	573
	Kerapu	522	747	537	678	753	656	778	807	860	820	718	573	8,450
	Kerisi	2,017	1,977	2,196	2,363	2,618	2,715	2,903	2,731	2,877	2,633	2,777	2,340	30,147
	kerisi Bali	261	235	339	341	364	307	407	426	424	332	352	207	3,996
	Kikek	101	111	130	139	196	163	112	150	166	185	126	120	1,698
	Lumi-Lumi	105	146	178	265	278	254	266	139	210	129	129	76	2,174
	Malong	460	281	393	420	456	503	601	555	571	449	481	555	5,726
	Merah	601	455	454	471	593	513	706	650	647	627	673	451	6,841
	Mengkerong/conor/Ubi-Ubi	1,230	1,243	1,388	1,489	1,589	1,467	1,418	1,591	1,576	1,412	1,655	1,606	17,664
	Puntung Damar/Bulus	198	180	164	144	98	130	155	146	147	154	132	156	1,803
	Pasir-Pasir/Timun-Timun	104	137	186	235	238	131	166	343	180	222	183	150	2,276
	Puyu Laut	6	9	19	14	24	7	13	12	18	11	10	9	151
	Pelanduk	14	13	11	20	22	18	19	33	25	23	32	21	249

Samb.Dari Jadual 4.5

(Con't From 4.5)

	Pinang-Pinang	11	3	19	14	21	10	8	3	2	2	0	0	92
	Remong/Kunyit-Kunyit/Tanda	268	286	214	257	291	269	297	301	434	436	358	325	3,735
	Selampai/Tembereh	7	9	6	13	10	6	3	4	5	14	29	5	110
	Semilang	152	160	187	146	163	166	158	161	141	128	160	173	1,895
	Shrumbu Lemah	17	16	29	33	40	42	69	49	60	61	59	40	515
	Tanda	22	30	26	35	30	21	23	30	30	21	20	15	303
	Temenggong/Lara Bara	839	611	833	990	832	789	848	1,031	1,136	1,026	1,133	717	10,785
	Aji-Aji	67	54	76	82	83	77	77	85	84	75	76	63	898
	Alu-Alu/Kacang-Kacang	451	472	460	473	520	466	471	429	512	471	493	389	5,607
	Aruan Tasik	32	51	44	36	53	34	37	61	45	63	39	61	557
	Bawal Hitam	299	337	546	338	518	390	411	415	348	293	345	239	4,477
	Bawal Putih	169	175	222	160	183	159	162	196	194	182	141	150	2,092
	Bawal Tambak	59	51	54	66	68	53	53	84	55	80	88	55	765
	Bawal Selatan	16	42	27	14	52	26	45	29	37	68	16	16	387
	Belanak/Kedera	203	270	269	209	342	302	223	210	175	198	215	182	2,798
	Cermin/Sagai/Cupak	332	419	417	476	490	488	602	618	519	714	550	455	6,080
	Chaping	31	1	1	1	106	0	1	0	1	1	2	0	146
	Cincaru	1,352	1,448	3,005	1,992	1,738	1,847	1,844	1,641	1,633	2,114	2,006	1,235	21,853
	Demuduk/Rambai	492	562	575	569	653	628	680	593	732	604	574	549	7,211
	Gerong-Gerong	2	7	10	10	17	4	4	4	8	4	9	5	83
	Kurau/Senohong	92	87	114	106	102	83	107	90	62	69	73	52	1,035
	Senangin	146	146	171	153	170	214	213	162	220	185	147	189	2,114
	Senangin Buis	29	23	14	18	23	22	17	20	17	15	23	17	238
	Kerepoh	1	3	18	11	8	8	12	12	9	11	5	8	107
	Lolong	1,272	1,414	2,138	2,003	1,724	1,487	1,413	1,636	1,985	2,642	1,440	743	19,898
	Loban	0	0	1	1	0	0	0	5	3	0	0	0	11
	Selar	1,491	1,416	1,511	1,783	1,875	1,341	1,368	1,571	2,033	1,627	1,781	1,584	19,381
	Pelata	587	504	705	762	690	680	603	716	672	641	703	589	7,852
	Selar Kuning	989	927	930	1,243	1,070	1,134	1,122	965	1,049	2,164	1,562	929	14,086
	Pisang-Pisang	8	2	2	1	22	10	2	40	21	72	30	13	223
	Selayang/Curut	4,707	3,686	5,684	6,578	6,603	5,345	8,274	10,878	9,299	9,344	5,486	3,214	79,098
	Ketang	1	1	5	5	4	4	14	6	8	10	8	7	73
	Talang	164	179	216	221	288	363	253	303	345	362	248	194	3,134
	Todak	4	3	4	12	4	5	2	2	3	11	4	12	66
	Tamban Sisek	1,690	1,799	2,270	2,292	2,047	2,912	1,943	2,120	1,535	1,665	1,938	890	23,100
	Tamban Buluh Bulat	447	281	400	522	471	372	374	301	369	406	400	344	4,687
	Tamban/ Cincang Rebung	762	897	813	851	918	851	861	712	849	815	809	701	9,839
	Tamban Beluru	284	374	450	159	212	170	87	278	348	450	259	134	3,204
	Bilis/Bunga Air	1,364	1,626	1,842	1,408	1,642	2,405	1,911	2,101	1,744	1,727	724	1,825	20,319
	Parang-Parang	243	239	277	337	379	392	386	423	511	424	433	359	4,406
35	Bulan-Bulan	9	6	4	5	5	5	4	4	10	33	31	21	136
	Kayu/Tongkol/Aya Hitam	2,204	3,154	4,773	3,267	3,651	2,872	5,743	3,869	3,269	4,269	2,299	1,794	41,164
	Kayu/Tongkol/Aya Kurik	475	942	939	657	903	977	1,237	922	1,136	1,580	457	241	10,467

Samb.Dari Jadual 4.5
(Con't From 4.5)

	Kayu/Tongkol/Aya Selasih	123	184	171	172	140	365	379	439	495	371	164	198	3,200
	Layaran	16	3	10	15	11	18	14	14	20	19	18	18	176
	Mersuji	0	10	1	4	0	4	2	2	4	1	1	2	33
	Tenggiri	1,020	1,310	1,482	1,693	1,328	1,164	1,370	1,431	1,545	1,404	1,158	1,184	16,089
36	Kembong	2,180	2,599	3,681	3,906	3,226	3,150	3,509	3,612	4,834	4,881	3,288	2,434	41,299
	Pelaling/Temenong	4,355	4,536	6,089	7,581	7,894	7,586	7,908	8,077	9,373	7,247	6,336	6,576	83,557
	Timah/layor/Selayor	395	461	430	371	639	608	568	576	644	613	597	557	6,460
37	Yu	533	484	695	782	824	762	883	759	835	887	701	550	8,696
	Pari	1,077	1,366	1,251	1,355	1,497	2,228	2,025	1,409	1,597	1,558	1,593	2,295	19,253
	Ikan Baja	24,492	22,771	26,346	31,606	31,564	31,626	32,009	33,381	32,334	30,140	29,647	27,894	353,810
38	Ikan Campur	4,509	4,286	4,542	5,361	6,506	7,885	7,361	7,558	8,181	6,776	7,412	6,268	76,644
	Ketam Laut	554	560	570	608	681	775	1,553	732	685	649	645	559	8,572
	Ketam Renjong	269	261	229	268	263	271	326	427	361	305	256	217	3,453
	Ketam Batu	49	60	47	46	43	44	61	47	39	30	34	44	543
	Udang Karang	106	117	111	125	144	172	201	147	130	156	143	147	1,700
	Udang Lobok	35	23	34	32	29	42	40	33	30	33	39	41	411
	Udang harimau	159	189	199	139	167	195	163	128	193	149	159	107	1,948
42	Udang Putih Besar	506	487	488	424	506	469	532	504	463	552	454	596	5,981
45	Udang Putih Sedang	867	900	1,015	987	1,303	832	1,001	806	865	823	1,208	1,112	11,718
	Udang Putih Kecil	757	962	810	654	761	605	614	638	545	563	555	591	8,056
	Udang kaki Merah/Sua Lor	458	372	444	379	395	377	414	494	454	318	482	518	5,104
	Udang Merah Ros	63	58	64	73	77	101	62	68	66	108	80	105	926
	Udang Kulit Keras	411	329	316	281	363	278	371	342	298	175	527	374	4,065
	Udang Kuning	156	143	171	200	167	223	152	159	108	208	259	164	2,111
	Udang Cendana Rotan	447	574	601	603	605	640	602	671	660	690	402	563	7,059
	Udang Merah	445	661	514	521	323	265	296	285	268	397	277	232	4,483
56	Udang Pasir Besar	4	5	3	4	4	5	2	2	2	2	2	4	37
57	Udang Pasir Sedang	310	316	287	307	292	265	266	270	285	275	280	266	3,419
	Udang Pasir Kecil	212	134	128	86	171	135	77	111	115	104	131	125	1,528
	Udang Minyak	523	408	457	421	468	489	384	511	387	498	590	531	5,667
	Udang Minyak Jalur	13	7	10	7	10	18	14	14	8	7	15	10	132
	udang Ekor Biru	29	24	34	22	20	27	20	21	21	27	29	33	305
	Udang Susu	21	23	61	25	28	41	33	24	37	27	27	43	389
	Udang Baring	655	683	609	752	609	813	568	601	608	620	934	818	8,270
	Kupang/Siput Sudu	10	8	12	6	9	7	16	6	2	13	4	12	105
	Siput Retak Seribu	0	208	823	1,279	1,105	541	983	420	154	87	191	17	5,808
	Kepah	46	62	62	61	57	55	49	36	60	48	37	49	622
	Lala	46	21	21	19	8	13	15	8	59	31	32	47	320
	Lain-lain Siput	63	71	70	63	57	61	67	40	29	49	34	40	644
	Sotong Biasa/Cumit	3,381	3,523	5,003	5,217	4,285	3,767	3,865	4,195	4,677	3,849	4,110	4,036	49,908
	Sotong Katak	1,903	1,628	1,769	1,970	1,981	2,064	2,081	2,026	2,150	1,945	2,144	2,070	23,731
	Sotong Kereta	76	101	88	152	174	120	105	103	128	97	90	85	1,319
77	Ubur-Ubur	614	615	677	822	856	280	309	307	423	388	185	387	5,862
	Jumlah Tan.M./*Total Tonnes*	85,123	85,368	102,842	111,063	112,777	111,316	118,940	119,761	121,785	116,858	104,458	92,964	1,283,256

Jadual *(Table)* **4.5.1**

SEMENANJUNG MALAYSIA/ *PENINSULAR MALAYSIA*

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 2003

(Tan Metrik/Tonnes)

ISSCAAP GROUP NO.	**Spesis** *Species* / **Nama Tempatan** *Local Name*	**Januari** *January*	**Febuari** *February*	**Mac** *March*	**April** *April*	**Mei** *May*	**Jun** *June*	**Julai** *July*	**Ogos** *August*	**September** *September*	**Oktober** *October*	**November** *November*	**Disember** *December*	**Jumlah (Tan Metrik)** *Total (Tonnes)*
24	Kebasi Selangat	181	238	268	264	299	272	173	332	225	159	154	143	2,708
	Puput	16	18	30	13	6	12	6	14	20	27	22	37	223
	Beliak Mata	616	394	365	420	359	392	480	301	799	668	448	340	5,583
	Terubok	7	6	7	7	6	6	6	11	8	9	11	9	92
25	Siakap	24	16	13	14	13	19	8	29	13	21	8	9	186
31	Lidah	136	157	135	143	154	112	150	104	136	131	148	144	1,652
	Sebelah	37	45	46	46	52	49	62	51	60	53	70	42	613
33	Bayan	3	5	36	9	12	9	14	13	13	16	9	6	145
	Biji Nangka	717	742	781	904	784	764	759	910	905	661	736	727	9,389
	Baji-Baji	17	19	14	9	19	24	17	13	11	38	13	10	203
	Daun Baharu	15	13	24	18	16	22	25	22	29	22	16	17	238
	Delah/Pinang-Pinang	13	18	13	15	26	45	41	75	39	35	41	26	386
	Dengkis/Debam	54	59	58	57	57	62	64	98	92	93	60	39	793
	Duri/Pulutan/Utik	483	436	431	419	361	669	623	389	404	671	392	654	5,934
	Gelama/Tengkerong/Selampai	1,173	1,101	1,235	1,139	1,289	1,413	1,220	1,295	1,395	1,208	1,242	1,326	15,037
	Gerut-Gerut	52	69	42	47	71	50	44	55	64	56	60	64	672
	Jahan/Goh	37	28	39	35	42	45	44	45	43	39	39	30	467
	Jebong	133	67	105	94	102	82	192	223	292	231	133	110	1,763
	Jenahak	41	40	51	52	57	43	51	71	94	68	66	72	703
	Kaci	39	38	43	50	50	40	52	59	64	71	45	28	577
	Kapas Laut	54	28	49	36	42	45	47	65	45	50	52	55	568
	Kerapu	233	319	278	293	325	272	330	393	388	369	328	242	3,771
	Kerisi	1,397	1,242	1,439	1,487	1,562	1,661	1,872	1,869	1,857	1,690	1,872	1,436	19,384
	kerisi Bali	161	107	199	218	216	132	225	235	256	196	204	134	2,284
	Kikek	50	53	59	69	105	92	55	91	111	127	71	72	954
	Lumi-Lumi	41	40	17	35	21	37	39	60	128	78	78	48	621
	Malong	129	94	138	150	125	162	190	125	148	110	144	189	1,705
	Merah	89	132	130	102	92	72	87	133	131	130	120	68	1,286
	Mengkerong/conor/Ubi-Ubi	1,078	961	1,204	1,320	1,339	1,228	1,219	1,364	1,340	1,179	1,393	1,400	15,025
	Puntung Damar/Bulus	186	163	147	128	89	118	147	135	135	146	124	143	1,660
	Pasir-Pasir/Timun-Timun	97	137	186	232	229	122	160	336	180	215	181	145	2,221
	Puyu Laut	6	9	19	14	24	7	13	12	18	11	10	9	151
	Pelanduk	13	12	10	17	20	16	17	31	22	20	26	19	221

Samb.Dari Jadual 4.5.1

(Con't From 4.5.1)

	Pinang-Pinang	11	3	19	14	21	10	8	3	2	2	0	0	92
	Remong/Kunyit-Kunyit/Tanda	163	143	147	163	164	137	172	215	313	319	245	219	2,399
	Selampai/Tembereh	7	9	6	13	10	6	3	4	5	14	29	5	110
	Semilang	110	109	133	100	109	110	114	98	101	86	109	120	1,299
	Shrumbu Lemah	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tanda	22	27	25	33	28	20	19	27	27	19	19	13	279
	Temenggong/Lara Bara	839	611	833	990	832	789	848	1,031	1,136	1,026	1,133	717	10,785
	Aji-Aji	67	54	69	76	78	71	73	79	81	73	70	58	848
	Alu-Alu/Kacang-Kacang	124	147	156	143	161	122	123	146	156	169	148	104	1,699
	Aruan Tasik	32	51	44	36	53	34	37	61	45	63	39	61	557
	Bawal Hitam	204	234	291	170	238	182	202	193	200	185	207	162	2,466
	Bawal Putih	152	161	202	135	155	130	133	165	173	169	130	135	1,839
	Bawal Tambak	54	43	42	41	43	32	37	68	41	62	70	44	576
	Bawal Selatan	16	42	27	14	52	26	45	29	37	68	16	16	387
	Belanak/Kedera	112	176	196	116	235	219	144	107	105	108	114	100	1,732
	Cermin/Sagai/Cupak	114	127	154	155	138	136	207	268	217	293	171	138	2,118
	Chaping	31	1	1	1	106	0	1	0	1	1	2	0	146
	Cincaru	715	741	2,025	950	754	1,064	954	854	829	1,255	1,168	492	11,799
	Demuduk/Rambai	50	66	83	91	93	73	83	78	85	76	56	45	879
	Gerong-Gerong	2	5	4	3	12	4	4	4	8	4	9	5	63
	Kurau/Senohong	8	11	38	30	16	14	14	21	16	16	22	11	215
	Senangin	129	128	143	125	137	144	140	106	162	147	104	178	1,641
	Senangin Buis	29	23	14	18	23	22	17	20	17	15	23	17	238
	Kerepoh	1	3	18	11	8	8	12	12	9	11	5	8	107
	Lolong	1,272	1,414	2,133	2,001	1,721	1,483	1,407	1,632	1,981	2,642	1,440	741	19,868
	Loban	0	0	1	1	0	0	0	5	3	0	0	0	11
	Selar	1,299	1,177	1,221	1,439	1,557	1,022	1,074	1,283	1,861	1,340	1,560	1,346	16,179
	Pelata	113	62	83	227	136	80	97	182	130	66	119	84	1,379
	Selar Kuning	766	655	695	999	624	684	761	616	717	1,698	1,190	503	9,910
	Pisang-Pisang	5	0	0	0	19	8	1	39	20	70	28	12	202
	Selayang/Curut	3,946	3,026	4,452	5,425	5,716	4,437	7,151	10,087	8,407	8,358	4,469	2,564	68,038
	Ketang	1	1	5	5	4	4	14	6	8	10	8	7	73
	Talang	54	52	65	55	73	166	55	98	143	133	69	56	1,017
	Todak	4	3	4	12	4	5	2	2	3	11	4	11	65
	Tamban Sisek	1,660	1,750	2,205	2,184	1,947	2,773	1,876	1,965	1,453	1,580	1,857	856	22,105
	Tamban Buluh Bulat	105	25	107	142	107	90	129	78	62	147	134	85	1,211
	Tamban/ Cincang Rebung	12	9	11	7	2	14	16	10	35	11	51	23	201
	Tamban Beluru	284	374	444	153	207	161	78	266	346	447	255	130	3,144
	Bilis/Bunga Air	1,117	1,379	1,497	1,148	1,422	2,215	1,721	1,882	1,552	1,518	503	1,603	17,557
	Parang-Parang	197	166	202	216	205	237	250	285	320	281	304	279	2,945
35	Bulan-Bulan	4	2	1	1	1	1	1	1	1	0	1	0	13
	Kayu/Tongkol/Aya Hitam	1,263	2,179	3,331	1,977	2,051	1,492	4,730	2,761	2,312	2,871	1,146	893	27,006
	Kayu/Tongkol/Aya Kurik	390	837	816	536	807	860	1,147	838	1,032	1,474	238	113	9,089

Samb.Dari Jadual 4.5.1

(Con't From 4.5.1)

	Kayu/Tongkol/Aya Selasih	31	61	45	11	23	12	134	145	53	79	13	5	611
	Layaran	0	1	1	1	1	0	0	1	4	4	2	2	17
	Mersuji	0	10	1	0	0	0	0	1	2	1	1	0	18
	Tenggiri	513	606	583	782	442	498	531	619	685	660	536	687	7,142
36	Kembong	1,363	1,777	2,676	2,554	1,947	1,821	2,103	2,481	3,574	3,626	1,998	1,332	27,251
	Pelaling/Temenong	4,167	4,307	5,859	7,217	7,467	7,365	7,542	7,781	9,057	6,865	6,000	6,175	79,801
	Timah/layor/Selayor	284	300	291	206	406	375	327	341	316	318	350	453	3,968
37	Yu	187	177	225	233	294	276	315	304	363	319	299	201	3,194
	Pari	646	701	680	674	725	792	1,214	777	939	791	1,010	1,718	10,669
	Ikan Baja	21,837	19,987	23,501	27,185	26,491	26,048	26,452	28,441	27,885	25,852	26,049	24,204	303,932
38	Ikan Campur	1,526	1,449	1,563	1,420	1,581	1,606	2,335	2,190	2,387	2,292	2,272	1,940	22,560
	Ketam Laut	178	184	216	217	228	198	219	381	319	248	260	244	2,893
	Ketam Renjong	244	233	227	245	239	244	304	401	336	302	230	191	3,196
	Ketam Batu	49	60	47	45	41	41	38	40	36	30	34	35	495
	Udang Karang	10	8	9	8	13	12	11	11	10	9	9	16	127
	Udang Lobok	32	19	29	27	29	37	38	33	30	33	38	34	379
	Udang harimau	40	39	37	42	36	40	39	41	46	44	31	31	467
42	Udang Putih Besar	416	391	407	347	427	385	447	436	401	430	389	419	4,895
45	Udang Putih Sedang	273	288	443	326	571	421	423	394	375	348	656	349	4,866
	Udang Putih Kecil	664	886	720	609	714	572	382	473	391	419	467	547	6,845
	Udang kaki Merah/Sua Lor	380	289	355	308	356	335	335	439	364	275	380	430	4,245
	Udang Merah Ros	21	12	25	26	27	58	22	33	28	67	34	48	402
	Udang Kulit Keras	338	230	221	219	301	224	270	281	246	136	451	298	3,215
	Udang Kuning	156	143	171	200	167	223	152	159	108	208	259	164	2,111
	Udang Cendana Rotan	447	574	589	588	579	615	594	661	656	685	402	563	6,953
	Udang Merah	47	42	24	41	48	38	19	29	29	192	37	24	569
56	Udang Pasir Besar	2	2	2	2	2	2	2	2	2	2	2	2	22
57	Udang Pasir Sedang	87	96	76	76	91	67	89	93	70	85	89	75	994
	Udang Pasir Kecil	208	133	125	84	168	134	75	111	113	102	130	121	1,503
	Udang Minyak	498	383	415	393	438	464	357	488	354	464	557	494	5,305
	Udang Minyak Jalur	13	7	10	7	10	18	14	14	8	7	15	10	132
	udang Ekor Biru	29	24	34	22	20	27	20	21	21	27	29	33	305
	Udang Susu	21	23	61	25	28	41	33	24	37	27	27	43	389
	Udang Baring	510	611	390	681	598	767	559	592	601	617	928	813	7,667
	Kupang/Siput Sudu	10	8	12	6	9	7	16	6	2	13	4	10	103
	Siput Retak Seribu	0	208	823	1,279	1,105	541	983	420	154	87	191	17	5,808
	Kepah	6	14	9	9	5	3	5	2	1	1	1	1	57
	Lala	46	21	21	19	8	13	15	8	59	31	32	47	320
	Lain-lain Siput	62	63	70	63	57	61	67	40	29	49	33	39	633
	Sotong Biasa/Cumit	2,361	2,326	3,267	3,329	3,087	2,585	2,683	3,143	3,545	2,739	3,031	3,087	35,183
	Sotong Katak	1,539	1,229	1,381	1,467	1,508	1,567	1,543	1,626	1,705	1,475	1,701	1,685	18,426
	Sotong Kereta	52	78	62	106	141	93	82	81	99	69	63	60	986
77	Ubur-Ubur	126	85	107	95	228	240	237	229	339	302	88	124	2,199
	Jumlah Tan.M./*Total Tonnes*	62,227	60,911	75,363	79,008	78,690	76,045	83,352	88,380	89,394	85,760	74,705	66,519	920,355

Jadual *(Table)* **4.5.2**

PANTAI BARAT SEMENANJUNG MALAYSIA/*WEST COAST OF PENINSULAR* MALAYSIA

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 2003

(**Tan Metrik**/Tonnes)

ISSCAAP GROUP NO.	Spesis / Species Nama Tempatan / Local Name	Januari / January	Febuari / February	Mac / March	April / April	Mei / May	Jun / June	Julai / July	Ogos / August	September / September	Oktober / October	November / November	Disember / December	Jumlah (Tan Metrik) / Total (Tonnes)
24	Kebasi Selangat	178	238	268	264	299	272	173	332	225	159	154	143	2,705
	Puput	16	18	30	13	6	12	6	14	20	27	22	37	222
	Beliak Mata	609	377	352	414	355	382	475	297	794	655	439	332	5,479
	Terubok	7	6	7	7	6	6	6	11	8	9	11	9	92
25	Siakap	23	15	12	12	11	18	7	28	11	20	6	7	170
31	Lidah	119	138	121	129	140	99	132	89	123	119	132	133	1,474
	Sebelah	15	28	25	27	28	26	31	28	34	27	44	22	334
33	Bayan	0	0	0	0	1	1	5	1	2	1	1	1	12
	Biji Nangka	516	452	569	631	524	564	563	599	576	340	472	564	6,371
	Baji-Baji	14	14	12	8	16	24	10	8	9	36	11	7	169
	Daun Baharu	9	7	18	13	9	16	20	16	24	17	8	9	166
	Delah/Pinang-Pinang	0	0	0	0	2	20	13	7	5	5	6	5	63
	Dengkis/Debam	4	3	1	1	2	0	0	0	0	0	0	0	12
	Duri/Pulutan/Utik	365	394	382	363	317	396	352	335	330	331	317	378	4,260
	Gelama/Tengkerong/Selampai	1,030	982	1,118	991	1,031	1,160	989	1,037	1,055	893	980	1,186	12,453
	Gerut-Gerut	48	64	39	42	61	45	37	49	58	48	49	50	590
	Jahan/Goh	8	10	5	7	6	6	6	9	7	9	11	7	89
	Jebong	22	21	46	47	61	30	73	51	48	33	27	27	487
	Jenahak	38	37	44	45	50	40	44	68	89	64	60	69	646
	Kaci	9	7	9	8	5	2	4	6	7	10	2	2	73
	Kapas Laut	3	4	3	3	8	6	6	11	5	6	10	9	75
	Kerapu	113	110	81	95	102	83	79	100	102	74	124	84	1,148
	Kerisi	579	553	602	670	669	634	706	711	724	490	530	569	7,437
	kerisi Bali	41	37	38	43	41	36	41	40	41	30	34	37	459
	Kikek	7	8	9	9	35	21	17	35	53	31	9	27	260
	Lumi-Lumi	41	40	17	35	21	37	39	60	128	78	78	48	621
	Malong	116	83	125	136	108	150	172	113	138	98	131	181	1,550
	Merah	15	15	19	19	13	10	11	21	16	11	9	12	172
	Mengkerong/conor/Ubi-Ubi	759	704	843	876	865	841	887	967	909	673	981	1,087	10,393
	Puntung Damar/Bulus	92	94	71	89	60	80	83	88	102	96	81	92	1,027
	Pasir-Pasir/Timun-Timun	3	3		0	0	0	0	1	0	0			6
	Puyu Laut	6	9	19	14	24	7	13	12	18	11	10	9	151
	Pelanduk	3	2	2	6	8	5	4	6	6	5	5	5	58

Samb.Dari Jadual 4.5.2

(Con't From 4.5.2)

	Pinang-Pinang	0	0	0	0	1	0	0	0	0	0			1
	Remong/Kunyit-Kunyit/Tanda	15	15	7	11	5	3	14	3	15	11	15	13	126
	Selampai/Tembereh	6	8	5	13	10	5	3	4	5	14	5	4	81
	Semilang	107	108	126	98	96	109	112	93	98	80	96	114	1,238
	Shrumbu Lemah	0	0	0	0	0	0	0	0	0	0			0
	Tanda	13	13	14	14	12	9	7	11	10	8	7	5	123
	Temenggong/Lara Bara	101	89	143	169	134	156	169	128	126	82	98	102	1,495
	Aji-Aji	39	34	41	47	40	28	40	41	45	30	33	32	450
	Alu-Alu/Kacang-Kacang	56	61	59	56	79	44	49	58	71	71	62	57	723
	Aruan Tasik	9	14	13	10	17	6	9	38	8	6	5	32	166
	Bawal Hitam	170	151	182	104	172	129	145	130	167	152	183	134	1,818
	Bawal Putih	148	159	193	128	147	125	131	162	161	162	126	131	1,774
	Bawal Tambak	54	42	42	41	43	31	37	67	41	62	69	44	573
	Bawal Selatan	16	42	27	14	52	26	45	29	37	68	16	16	387
	Belanak/Kedera	109	167	184	113	230	216	140	104	102	101	110	96	1,673
	Cermin/Sagai/Cupak	28	30	41	41	27	9	21	26	22	15	20	53	334
	Chaping	31	1	1	1	106	0	1	0	1	1	2	0	146
	Cincaru	285	228	640	235	370	441	513	467	412	455	843	298	5,189
	Demuduk/Rambai	25	26	30	30	33	31	28	25	31	23	23	26	331
	Gerong-Gerong	0	0	0	1	0	1	1	1	0	0	2	1	9
	Kurau/Senohong	7	11	15	10	9	13	14	20	15	15	14	8	152
	Senangin	119	120	141	123	135	143	139	105	159	144	98	134	1,560
	Senangin Buis	29	22	13	17	23	21	17	19	17	15	23	16	231
	Kerepoh	1	3	18	11	8	8	12	12	9	11	5	8	107
	Lolong	383	367	394	328	274	339	348	276	254	276	242	187	3,667
	Loban	0	0	1	1	0	0	0	5	3	0	0	0	10
	Selar	262	328	375	331	341	315	409	407	568	421	639	534	4,931
	Pelata	109	59	80	226	134	80	93	178	126	64	117	83	1,350
	Selar Kuning	79	35	45	64	39	81	64	96	71	55	51	55	735
	Pisang-Pisang	4	0	0	0	18	7	1	32	20	59	25	12	180
	Selayang/Curut	1,090	1,079	1,535	1,744	2,774	2,804	2,084	1,876	2,169	1,756	1,848	1,527	22,287
	Ketang	1	1	4	3	2	4	14	6	5	10	8	7	65
	Talang	41	48	59	49	65	30	46	51	51	55	43	38	575
	Todak	4	3	4	12	4	4	2	2	2	3	4	11	52
	Tamban Sisek	204	150	211	242	326	250	252	112	219	134	243	151	2,494
	Tamban Buluh Bulat	105	25	107	142	107	90	129	77	62	147	134	85	1,209
	Tamban/ Cincang Rebung	12	9	11	7	2	14	16	10	34	11	51	23	199
	Tamban Beluru	0	0	0	0	12	6	0	0	0	0	0	1	20
	Bilis/Bunga Air	1,111	1,364	1,404	947	701	837	567	624	502	314	389	1,597	10,356
	Parang-Parang	119	109	118	152	125	137	127	123	109	104	108	116	1,448
35	Bulan-Bulan	1	1	0	0	1	1	1	0	0	0	0	0	7
	Kayu/Tongkol/Aya Hitam	778	990	1,586	1,044	745	842	831	1,837	1,237	1,226	785	698	12,599
	Kayu/Tongkol/Aya Kurik	22	133	56	26	194	96	11	71	125	0	78	6	819

Samb.Dari Jadual 4.5.2
(Con't From 4.5.2)

	Kayu/Tongkol/Aya Selasih	0	0	0	0	11	0	0	0	0	0	0	0	11
	Layaran	0	1	1	1	1	0	0	1	4	4	2	2	17
	Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tenggiri	351	394	399	579	263	317	302	437	369	346	373	582	4,711
36	Kembong	633	1,010	1,482	979	809	934	798	945	896	670	690	560	10,407
	Pelaling/Temenong	4,144	4,294	5,615	6,937	7,262	7,278	7,375	7,599	8,656	6,499	5,766	6,164	77,588
	Timah/layor/Selayor	177	212	151	128	316	283	215	227	189	175	227	368	2,668
37	Yu	89	91	72	68	75	72	109	99	128	83	108	93	1,087
	Pari	373	476	328	351	400	365	409	439	431	366	534	1,471	5,944
	Ikan Baja	15,245	15,243	16,019	18,653	17,408	16,655	16,553	19,034	17,903	15,167	16,482	16,644	201,005
38	Ikan Campur	926	909	1,003	765	877	792	731	808	893	765	972	916	10,358
	Ketam Laut	140	154	189	195	197	164	173	309	277	204	222	214	2,437
	Ketam Renjong	162	174	166	171	178	164	159	170	141	135	140	113	1,872
	Ketam Batu	27	31	31	29	24	31	24	27	23	19	28	32	328
	Udang Karang	2	2	2	0	3	3	2	3	3	2	1	1	23
	Udang Lobok	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang harimau	22	25	22	26	22	27	22	28	35	33	21	24	308
42	Udang Putih Besar	327	319	344	310	405	351	416	412	376	399	344	360	4,362
45	Udang Putih Sedang	223	247	416	310	569	419	420	394	375	347	644	335	4,697
	Udang Putih Kecil	628	847	702	604	712	568	380	470	387	415	461	518	6,693
	Udang kaki Merah/Sua Lor	236	179	262	252	300	275	277	381	314	213	286	334	3,308
	Udang Merah Ros	20	12	25	26	27	58	22	33	28	67	34	48	401
	Udang Kulit Keras	300	190	206	204	290	218	262	278	237	116	435	271	3,007
	Udang Kuning	155	143	171	199	166	223	152	159	108	208	259	164	2,106
	Udang Cendana Rotan	445	572	587	588	579	615	594	661	656	685	396	556	6,935
	Udang Merah	47	42	24	41	48	38	19	26	29	192	36	24	566
56	Udang Pasir Besar	2	2	2	2	2	2	2	2	2	2	2	2	22
57	Udang Pasir Sedang	79	83	69	74	89	66	87	89	69	85	87	75	951
	Udang Pasir Kecil	88	37	19	22	91	51	13	77	44	11	27	31	512
	Udang Minyak	425	324	335	368	425	451	347	476	332	450	518	470	4,921
	Udang Minyak Jalur	10	4	9	6	9	17	14	14	8	6	14	10	122
	udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Susu	21	21	60	25	28	41	33	24	37	27	27	43	386
	Udang Baring	510	544	390	681	598	613	359	453	444	320	928	813	6,654
	Kupang/Siput Sudu	10	8	12	6	9	7	16	6	2	13	4	10	103
	Siput Retak Seribu	0	208	823	1,279	1,105	541	983	420	154	87	191	17	5,808
	Kepah	6	14	9	9	5	3	5	2	1	1	1	1	57
	Lala	46	21	21	19	8	13	15	8	59	31	32	47	320
	Lain-lain Siput	60	61	69	57	47	60	67	38	7	25	25	29	544
	Sotong Biasa/Cumit	1,508	1,644	1,825	1,640	1,373	1,321	1,366	1,809	1,908	1,138	1,676	2,249	19,457
	Sotong Katak	777	746	730	726	841	751	759	855	949	668	969	1,072	9,844
	Sotong Kereta	45	67	54	75	104	55	65	58	79	49	49	50	750
77	Ubur-Ubur	126	85	107	95	228	240	237	229	339	302	88	124	2,199
	Jumlah Tan.M./*Total Tonnes*	38,889	39,954	45,561	48,124	48,398	46,601	45,428	49,977	49,669	40,888	44,477	46,441	544,406

Jadual *(Table)* **4.5.3**

PANTAI TIMUR SEMENANJUNG MALAYSIA/*EAST COAST OF PENINSULAR MALAYSIA*

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 2003

(Tan Metrik/Tonnes)

ISSCAAP GROUP NO.	Spesis *Species* / Nama Tempatan *Local Name*	Januari *January*	Febuari *February*	Mac *March*	April *April*	Mei *May*	Jun *June*	Julai *July*	Ogos *August*	September *September*	Oktober *October*	November *November*	Disember *December*	Jumlah (Tan Metrik) *Total (Tonnes)*
24	Kebasi Selangat	3	0	0	0	0	0	0	0	0	0	0	0	3
	Puput	0	0	0	0	0	0	0	0	0	0	0	0	0
	Beliak Mata	7	17	14	6	5	11	4	4	5	13	10	8	104
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	1	1	2	2	2	2	1	1	1	1	2	1	16
31	Lidah	18	19	15	14	14	13	18	15	13	12	16	11	178
	Sebelah	21	17	21	19	24	23	30	23	26	26	26	20	279
33	Bayan	3	5	36	8	12	8	9	12	12	15	9	6	133
	Biji Nangka	201	290	211	272	260	200	196	311	329	322	264	163	3,019
	Baji-Baji	3	6	2	1	2	1	7	5	1	2	2	2	34
	Daun Baharu	5	6	7	5	7	6	5	6	5	4	8	8	72
	Delah/Pinang-Pinang	13	18	13	15	24	25	29	67	34	31	35	21	323
	Dengkis/Debam	51	56	57	56	55	61	64	97	91	92	60	39	780
	Duri/Pulutan/Utik	118	42	49	56	44	273	271	54	75	341	75	276	1,674
	Gelama/Tengkerong/Selampai	143	119	116	148	258	253	231	258	340	314	262	140	2,584
	Gerut-Gerut	4	5	3	5	10	5	7	6	5	8	11	14	82
	Jahan/Goh	29	18	34	28	37	39	39	37	36	30	29	23	378
	Jebong	110	46	59	47	41	52	120	172	244	197	106	83	1,276
	Jenahak	3	3	7	6	6	3	7	3	5	4	6	3	57
	Kaci	30	31	34	42	45	38	47	52	57	61	42	26	505
	Kapas Laut	51	24	46	33	34	39	40	55	40	44	41	46	493
	Kerapu	120	209	197	198	224	189	251	293	286	295	204	158	2,623
	Kerisi	818	689	837	817	893	1,028	1,166	1,158	1,133	1,200	1,341	866	11,947
	kerisi Bali	120	70	161	176	174	96	185	195	215	166	170	97	1,825
	Kikek	43	45	51	60	70	71	39	56	57	96	62	45	694
	Lumi-Lumi	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malong	13	11	14	14	17	11	18	13	10	12	13	8	155
	Merah	74	116	111	83	79	61	76	112	115	119	111	56	1,114
	Mengkerong/conor/Ubi-Ubi	318	256	361	444	475	387	331	397	431	507	412	313	4,633
	Puntung Damar/Bulus	94	69	76	39	29	38	64	47	33	50	43	51	633
	Pasir-Pasir/Timun-Timun	94	134	186	232	229	122	160	335	180	215	181	145	2,214
	Puyu Laut	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelanduk	10	9	8	10	11	11	12	25	16	15	21	13	163

Samb.Dari Jadual 4.5.3
(Con't From 4.5.3)

	Pinang-Pinang	11	3	19	14	20	10	8	3	2	2		0	92
	Remong/Kunyit-Kunyit/Tanda	148	128	139	152	159	134	158	213	297	308	229	206	2,273
	Selampai/Tembereh	1	0	1	0	0	1	0	0	0	0	24	1	29
	Semilang	3	1	7	2	13	1	2	6	3	7	13	6	62
	Shrumbu Lemah	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tanda	9	14	11	19	17	10	12	16	17	11	12	8	156
	Temenggong/Lara Bara	738	523	690	821	698	633	679	903	1,011	944	1,035	615	9,290
	Aji-Aji	28	20	28	29	37	43	33	37	36	43	37	26	398
	Alu-Alu/Kacang-Kacang	68	86	98	88	82	78	73	87	85	98	86	47	976
	Aruan Tasik	23	37	32	26	37	28	28	23	37	57	34	28	390
	Bawal Hitam	34	83	108	66	66	53	57	63	34	32	24	28	648
	Bawal Putih	4	2	10	7	8	5	2	3	11	6	3	4	66
	Bawal Tambak	0	0	0	0	0	0	0	0	0	0	0	0	3
	Bawal Selatan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belanak/Kedera	3	8	13	3	4	4	4	3	4	7	4	3	60
	Cermin/Sagai/Cupak	86	97	113	114	111	127	186	242	195	277	151	85	1,784
	Chaping	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cincaru	430	513	1,385	715	384	622	440	387	417	800	325	194	6,610
	Demuduk/Rambai	24	40	52	61	61	43	54	53	53	53	33	19	547
	Gerong-Gerong	2	4	4	2	12	2	3	4	7	3	6	4	54
	Kurau/Senohong	1	0	23	20	7	0		1	1	1	7	2	63
	Senangin	9	9	1	1	2	1	1	1	3	3	6	44	81
	Senangin Buis	0	1	1	0	0	1	0	2	1	0	0	1	7
	Kerepoh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lolong	889	1,047	1,740	1,674	1,447	1,144	1,059	1,356	1,727	2,366	1,197	554	16,201
	Loban	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selar	1,037	849	846	1,108	1,216	707	665	876	1,294	918	920	812	11,247
	Pelata	4	2	3	0	2	1	4	4	4	3	2	1	29
	Selar Kuning	687	620	649	935	585	602	698	520	646	1,643	1,139	449	9,174
	Pisang-Pisang	0	0	0	0	1	1	0	6	0	11	3	0	22
	Selayang/Curut	2,856	1,947	2,917	3,681	2,941	1,634	5,067	8,211	6,238	6,602	2,620	1,036	45,751
	Ketang	0	0	1	2	2	0	0	0	3	0	0	0	8
	Talang	13	4	6	6	8	137	8	47	92	77	25	18	443
	Todak	0	0	0	1	0	1	1	0	2	8	0	0	13
	Tamban Sisek	1,456	1,600	1,994	1,942	1,621	2,523	1,624	1,854	1,234	1,445	1,614	705	19,611
	Tamban Buluh Bulat	0	0	0	0	0	0	0	1	0	0	0	0	1
	Tamban/ Cincang Rebung	0	0	0	0	0	0	0	0	1	0	0	0	1
	Tamban Beluru	284	374	444	153	195	155	78	266	346	447	255	128	3,124
	Bilis/Bunga Air	6	15	93	202	721	1,378	1,154	1,257	1,051	1,204	113	6	7,201
	Parang-Parang	78	57	84	64	80	100	123	163	211	177	196	163	1,496
35	Bulan-Bulan	2	0	0	0	1	0	0	1	0	0	0	0	6
	Kayu/Tongkol/Aya Hitam	485	1,189	1,745	933	1,306	649	3,899	925	1,075	1,645	361	196	14,407
	Kayu/Tongkol/Aya Kurik	368	703	760	510	613	764	1,136	767	907	1,474	160	108	8,270

Samb.Dari Jadual 4.5.3
(Con't From 4.5.3)

	Kayu/Tongkol/Aya Selasih	31	61	45	11	12	12	134	145	53	79	13	5	601
	Layaran	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mersuji	0	10	1	0	0	0	0	1	2	1	1	0	18
	Tenggiri	162	212	185	203	178	182	229	181	316	314	163	105	2,431
36	Kembong	730	767	1,194	1,575	1,138	887	1,304	1,536	2,678	2,956	1,308	772	16,844
	Pelaling/Temenong	24	13	244	281	205	87	167	183	400	366	234	10	2,212
	Timah/layor/Selayor	106	88	140	78	90	92	112	115	127	143	123	85	1,299
37	Yu	98	87	153	165	219	204	207	205	235	236	191	108	2,108
	Pari	273	225	353	324	325	427	805	338	508	425	476	247	4,725
	Ikan Baja	6,592	4,743	7,482	8,532	9,083	9,393	9,899	9,407	9,982	10,685	9,567	7,560	102,927
38	Ikan Campur	599	540	559	655	704	814	1,604	1,381	1,494	1,527	1,300	1,024	12,202
	Ketam Laut	38	29	27	22	32	34	46	73	42	44	38	31	456
	Ketam Renjong	82	59	61	74	61	81	145	231	195	167	90	78	1,324
	Ketam Batu	22	29	16	16	16	10	13	12	13	11	6	3	168
	Udang Karang	8	6	8	8	10	9	9	8	8	7	8	15	104
	Udang Lobok	32	19	29	27	29	37	38	33	30	33	38	34	378
	Udang harimau	18	15	15	16	14	13	17	13	12	10	11	7	159
42	Udang Putih Besar	89	72	63	38	22	34	31	24	25	31	45	59	533
45	Udang Putih Sedang	50	41	27	16	2	2	3	0	0	1	12	14	169
	Udang Putih Kecil	36	39	18	4	1	4	2	3	4	4	6	29	152
	Udang kaki Merah/Sua Lor	144	111	93	56	57	60	58	57	50	62	94	96	937
	Udang Merah Ros	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Kulit Keras	39	40	15	15	11	6	8	3	9	20	16	27	208
	Udang Kuning	1	1	0	1	1	0	0	0	0	0	0	0	5
	Udang Cendana Rotan	2	1	2	0	0	0	0	0	0	0	6	7	18
	Udang Merah	0	0	0	0	0	0	0	3	0	0	1	0	4
56	Udang Pasir Besar	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Udang Pasir Sedang	8	13	7	2	2	1	2	5	1	0	2	0	43
	Udang Pasir Kecil	120	96	106	62	77	83	62	34	69	90	104	89	991
	Udang Minyak	72	59	80	25	13	13	10	12	22	15	40	23	384
	Udang Minyak Jalur	3	3	0	1	1	1	0	0	0	1	1	0	11
	udang Ekor Biru	29	24	34	22	20	27	20	21	21	27	29	33	304
	Udang Susu	0	2	1	0	0	0	0	0	0	0	0	0	3
	Udang Baring	0	67	0	0	0	155	200	139	156	297	0	0	1,013
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lain-lain Siput	2	2	1	6	10	1	1	2	22	24	8	11	90
	Sotong Biasa/Cumit	854	682	1,442	1,688	1,713	1,264	1,317	1,335	1,637	1,601	1,355	838	15,726
	Sotong Katak	762	483	650	741	667	816	783	771	756	807	732	613	8,582
	Sotong Kereta	7	11	8	31	37	38	17	22	20	20	14	10	235
77	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan.M./*Total Tonnes*	23,338	20,957	29,802	30,884	30,292	29,444	37,924	38,403	39,725	44,872	30,229	20,078	375,949

Jadual *(Table)* **4.5.4**

SARAWAK

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 2003

(Tan Metrik/Tonnes)

ISSCAAP GROUP NO.	Spesis *Species* / Nama Tempatan *Local Name*	Januari *January*	Febuari *February*	Mac *March*	April *April*	Mei *May*	Jun *June*	Julai *July*	Ogos *August*	September *September*	Oktober *October*	November *November*	Disember *December*	Jumlah (Tan Metrik) *Total (Tonnes)*
24	Kebasi Selangat	20	24	29	71	54	52	52	68	92	50	63	47	622
	Puput	9	17	41	97	76	89	66	84	66	35	20	19	619
	Beliak Mata	33	64	94	93	97	190	115	121	116	88	79	54	1,144
	Terubok	63	9	87	184	71	30	58	70	90	213	39	24	938
25	Siakap	0	0	1	1	1	0	1	14	4	2	4	0	28
31	Lidah	16	13	13	22	29	33	36	49	58	9	49	24	351
	Sebelah	16	19	23	23	35	35	41	53	59	25	52	20	401
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	244	211	434	358	400	500	544	434	434	444	329	466	4,798
	Baji-Baji	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daun Baharu	18	14	23	52	60	78	92	123	161	34	174	88	917
	Delah/Pinang-Pinang	0	0	0	0	0	0	0	1	1	0	0	0	2
	Dengkis/Debam	0	0	0	0	0	0	0	0	0	0	0	0	0
	Duri/Pulutan/Utik	112	112	183	276	285	289	345	318	312	296	199	139	2,866
	Gelama/Tengkerong/Selampai	372	251	368	343	566	578	1,261	574	551	565	525	236	6,190
	Gerut-Gerut	2	2	3	13	3	3	32	3	4	5	3	1	74
	Jahan/Goh	29	14	16	27	32	79	63	111	105	82	62	19	639
	Jebong	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jenahak	15	23	18	33	47	50	49	61	89	74	75	43	577
	Kaci	9	12	7	21	26	40	54	61	70	66	47	21	434
	Kapas Laut	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerapu	46	22	38	74	59	75	96	84	97	135	100	48	874
	Kerisi	153	197	208	266	372	414	458	289	339	282	296	390	3,664
	kerisi Bali	16	12	21	37	38	61	58	73	61	26	68	21	492
	Kikek	10	10	14	19	27	15	20	21	18	24	14	17	209
	Lumi-Lumi	64	106	161	230	257	217	227	79	82	51	51	28	1,553
	Malong	227	88	143	182	223	231	311	337	319	250	238	271	2,820
	Merah	79	76	112	159	213	181	347	213	218	200	182	96	2,076
	Mengkerong/conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	0	0	0	0
	Puntung Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	0	0	0	0	0	0	0
	Puyu Laut	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelanduk	1	1	1	3	2	2	2	2	3	3	6	2	28

Samb.Dari Jadual 4.5.4

(Con't From 4.5.4)

	Pinang-Pinang	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
	Selampai/Tembereh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	0	1	1	1	1	1	1	1	1	1	1	1	11
	Shrumbu Lemah	14	14	27	31	36	40	68	47	59	58	57	39	490
	Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0
	Temenggong/Lara Bara	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aji-Aji	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	13	8	46	18	32	34	38	54	61	66	51	31	452
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Hitam	24	33	106	81	124	114	131	136	79	45	41	22	936
	Bawal Putih	17	14	20	25	22	22	23	24	16	13	11	11	218
	Bawal Tambak	5	8	12	25	25	21	16	16	14	18	18	11	189
	Bawal Selatan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belanak/Kedera	1	2	1	1	1	1	2	11	1	8	5	2	36
	Cermin/Sagai/Cupak	95	163	149	180	200	212	222	206	115	243	193	158	2,136
	Chaping	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cincaru	188	251	443	459	443	339	412	356	355	284	282	149	3,961
	Demuduk/Rambai	34	25	80	103	71	95	81	103	126	49	110	70	947
	Gerong-Gerong	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kurau/Senohong	1	4	11	21	4	5	2	1	2	4	5	1	61
	Senangin	17	16	27	26	32	69	72	56	58	38	43	11	465
	Senangin Buis	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerepoh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lolong	0	0	0	0	0	0	0	0	0	0	0	0	0
	Loban	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selar	188	227	279	330	306	307	283	284	169	279	221	229	3,102
	Pelata	8	6	94	10	10	19	17	32	41	20	21	11	289
	Selar Kuning	105	173	166	144	278	200	186	190	131	222	213	173	2,181
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selayang/Curut	129	18	116	102	60	119	157	131	153	144	119	54	1,302
	Ketang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	12	20	39	54	72	82	92	95	107	131	84	37	825
	Todak	0	0	0	0	0	0	0	0	0	0	0	1	1
	Tamban Sisek	30	45	55	97	100	130	59	147	74	67	66	25	895
	Tamban Buluh Bulat	342	248	284	374	352	273	240	217	307	259	266	254	3,416
	Tamban/ Cincang Rebung	0	0	0	0	0	0	0	0	0	5	1	0	6
	Tamban Beluru	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bilis/Bunga Air	1	1	59	17	2	3	2	3	4	3	3	2	100
	Parang-Parang	29	52	54	104	148	132	121	122	162	122	113	61	1,220
35	Bulan-Bulan	0	0	0	0	0	0	0	0	6	30	27	18	81
	Kayu/Tongkol/Aya Hitam	198	229	289	316	367	146	179	151	144	331	148	18	2,516
	Kayu/Tongkol/Aya Kurik	25	20	28	23	36	55	45	54	54	61	129	48	578

Samb.Dari Jadual 4.5.4
(Con't From 4.5.4)

	Kayu/Tongkol/Aya Selasih	42	63	86	101	77	311	179	258	362	207	61	103	1,850
	Layaran	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tenggiri	221	312	568	577	461	352	403	500	430	301	285	139	4,549
36	Kembong	146	119	170	333	311	397	454	406	388	333	269	159	3,485
	Pelaling/Temenong	188	229	220	344	377	176	346	281	301	372	316	306	3,456
	Timah/layor/Selayor	46	64	109	125	158	186	212	195	233	235	201	71	1,835
37	Yu	171	145	297	398	353	331	401	296	308	398	237	165	3,500
	Pari	268	475	406	518	602	1,263	658	477	515	611	428	437	6,658
	Ikan Baja	1,799	1,854	1,843	3,246	3,653	4,395	4,303	3,776	3,323	3,162	2,682	2,746	36,782
38	Ikan Campur	2,294	2,074	2,191	2,844	3,947	5,245	4,084	4,576	4,704	3,617	4,379	3,540	43,495
	Ketam Laut	106	93	102	148	169	224	1,080	114	112	118	111	90	2,467
	Ketam Renjong	25	28	2	23	23	23	21	24	21	1	26	25	242
	Ketam Batu	0	0	0	1	0	2	20	5	1	0	0	9	38
	Udang Karang	73	86	81	88	105	121	166	109	96	120	104	101	1,250
	Udang Lobok	1	1	1	0	0	1	0	0	0	0	1	2	7
	Udang harimau	76	91	122	63	98	116	95	57	106	60	76	27	987
42	Udang Putih Besar	80	96	69	68	70	76	80	65	54	119	65	164	1,006
45	Udang Putih Sedang	260	389	253	396	425	76	214	192	223	191	266	420	3,305
	Udang Putih Kecil	87	71	81	39	39	25	227	160	154	144	88	36	1,151
	Udang kaki Merah/Sua Lor	78	83	89	66	39	37	74	50	84	35	93	81	809
	Udang Merah Ros	0	3	0	0	0	0	0	0	0	0	0	0	3
	Udang Kulit Keras	48	76	72	43	40	33	81	46	34	23	51	60	607
	Udang Kuning	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	13	15	26	25	8	10	4	5	0	0	106
	Udang Merah	398	619	490	480	275	227	277	256	239	205	240	208	3,914
56	Udang Pasir Besar	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Udang Pasir Sedang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Pasir Kecil	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Minyak	3	3	17	9	4	3	12	6	10	12	13	16	108
	Udang Minyak Jalur	0	0	0	0	0	0	0	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Baring	6	9	152	69	6	41	6	5	4	0	3	1	302
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	2	2
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lain-lain Siput	1	8	0	0	0	0	0	0	0	0	1	1	11
	Sotong Biasa/Cumit	277	336	853	1,092	562	558	612	506	550	477	452	379	6,654
	Sotong Katak	153	159	52	236	252	244	326	224	222	238	186	182	2,474
	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Ubur-Ubur	488	530	570	431	100	39	72	78	84	86	97	263	2,838
	Jumlah Tan.M./*Total Tonnes*	10,365	10,891	13,333	16,879	17,867	20,188	21,188	18,351	18,150	16,530	15,634	13,244	192,620

Jadual *(Table)* 4.5.5

SABAH

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 2003

(Tan Metrik/Tonnes)

ISSCAAP GROUP NO.	Spesis *Species* / Nama Tempatan *Local Name*	Januari *January*	Febuari *February*	Mac *March*	April *April*	Mei *May*	Jun *June*	Julai *July*	Ogos *August*	September *September*	Oktober *October*	November *November*	Disember *December*	Jumlah (Tan Metrik) *Total (Tonnes)*
24	Kebasi Selangat	41	49	50	50	51	55	40	39	59	62	54	52	602
	Puput	181	234	173	342	200	194	198	329	221	286	261	223	2,842
	Beliak Mata	0	0	0	0	0	0	0	0	0	0	0	0	0
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	107	117	49	70	79	83	118	112	93	99	107	87	1,121
31	Lidah	20	16	19	18	21	18	18	15	19	17	22	19	222
	Sebelah	38	39	42	38	52	47	37	38	44	38	52	42	507
33	Bayan	5	49	10	27	16	6	5	6	13	5	5	5	152
	Biji Nangka	14	13	12	22	27	10	7	24	24	34	16	10	213
	Baji-Baji	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daun Baharu	5	22	10	32	27	44	10	9	11	11	11	9	201
	Delah/Pinang-Pinang	6	7	4	7	6	118	25	9	6	27	7	13	235
	Dengkis/Debam	63	69	51	59	57	68	69	45	42	81	51	43	698
	Duri/Pulutan/Utik	113	113	138	141	139	141	103	130	123	105	122	108	1,476
	Gelama/Tengkerong/Selampai	145	182	111	146	165	160	151	146	180	161	160	153	1,860
	Gerut-Gerut	36	53	49	39	40	41	38	32	33	31	28	28	448
	Jahan/Goh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jebong	16	18	15	26	24	19	21	20	18	25	20	20	242
	Jenahak	177	217	183	263	322	279	304	257	297	257	262	228	3,046
	Kaci	4	5	8	5	4	4	9	5	11	9	3	5	72
	Kapas Laut	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerapu	232	392	209	298	355	294	337	310	362	302	275	268	3,634
	Kerisi	452	523	533	594	670	624	557	558	666	647	593	502	6,919
	kerisi Bali	70	102	102	71	95	98	106	103	92	95	65	38	1,037
	Kikek	41	40	49	42	54	42	23	26	27	22	31	25	422
	Lumi-Lumi	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malong	104	99	112	87	107	110	98	93	104	89	99	95	1,197
	Merah	417	229	197	200	273	246	253	280	278	273	351	264	3,261
	Mengkerong/conor/Ubi-Ubi	152	282	183	168	249	239	199	227	236	233	262	206	2,636
	Puntung Damar/Bulus	12	17	17	16	9	11	8	11	12	8	8	13	142
	Pasir-Pasir/Timun-Timun	7	0	0	1	3	1	1	1	0	7	2	1	24
	Puyu Laut	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelanduk	0	0	0	0	0	0	0	0	0	0	0	0	0

Samb.Dari Jadual 4.5.5

(Con't From 4.5.5)

	Pinang-Pinang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	93	132	54	80	115	123	113	75	109	104	103	97	1,198
	Selampai/Tembereh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	42	50	53	45	53	55	43	62	39	41	50	52	585
	Shrumbu Lemah	1	1	1	0	1	1	0	0	0	1	0	0	6
	Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0
	Temenggong/Lara Bara	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aji-Aji	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	308	310	250	308	318	302	301	219	285	228	286	246	3,361
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Hitam	71	70	140	77	145	84	70	81	63	56	89	49	995
	Bawal Putih	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Tambak	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Selatan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belanak/Kedera	90	92	72	92	106	78	74	92	69	78	90	77	1,010
	Cermin/Sagai/Cupak	95	99	84	113	117	110	145	114	167	162	168	143	1,517
	Chaping	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cincaru	437	437	519	568	521	425	462	415	435	560	546	583	5,908
	Demuduk/Rambai	398	461	402	365	480	452	504	402	512	479	408	432	5,295
	Gerong-Gerong	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kurau/Senohong	83	72	65	53	80	62	90	67	44	49	46	40	751
	Senangin	0	0	0	0	0	0	0	0	0	0	0	0	0
	Senangin Buis	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerepoh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lolong	0	0	0	0	0	0	0	0	0	0	0	0	0
	Loban	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selar	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelata	457	426	524	517	539	575	481	494	493	545	556	485	6,092
	Selar Kuning	118	99	69	100	163	244	172	155	194	236	154	251	1,955
	Pisang-Pisang	3	2	2	1	2	2	1	1	1	2	2	1	20
	Selayang/Curut	621	630	1,102	1,039	815	777	951	647	726	827	882	583	9,600
	Ketang													0
	Talang	98	103	110	112	142	112	103	106	93	91	90	93	1,253
	Todak	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tamban Sisek	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tamban Buluh Bulat	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tamban/ Cincang Rebung	745	886	802	842	912	834	842	701	812	797	753	678	9,604
	Tamban Beluru	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bilis/Bunga Air	244	244	285	241	217	187	188	216	188	206	218	220	2,654
	Parang-Parang	17	21	21	17	26	21	15	16	25	19	16	17	231
35	Bulan-Bulan	5	4	3	4	4	4	3	3	3	3	3	3	42
	Kayu/Tongkol/Aya Hitam	648	684	1,108	924	1,183	1,144	742	865	793	1,037	906	783	10,817
	Kayu/Tongkol/Aya Kurik	0	0	0	0	0	0	0	0	0	0	0	0	0

Samb.Dari Jadual 4.5.5
(Con't From 4.5.5)

	Kayu/Tongkol/Aya Selasih	0	0	0	0	0	0	0	0	0	0	0	0	0
	Layaran	16	2	9	12	8	17	11	11	16	15	16	16	149
	Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tenggiri	286	378	316	324	415	304	416	282	390	433	287	318	4,149
36	Kembong	641	653	771	964	896	872	897	695	837	877	931	853	9,887
	Pelaling/Temenong	0	0	0	0	0	0	0	0	0	0	0	0	0
	Timah/layor/Selayor	65	97	30	38	73	45	29	40	95	60	46	33	651
37	Yu	155	153	173	130	167	145	159	150	154	167	165	160	1,878
	Pari	163	182	155	157	161	163	141	143	133	146	140	135	1,819
	Ikan Baja	836	895	912	1,095	1,375	1,103	1,169	1,069	1,031	1,041	836	799	12,161
38	Ikan Campur	689	763	763	1,097	928	959	858	696	995	867	761	688	10,064
	Ketam Laut	270	283	252	243	284	353	249	234	250	275	274	225	3,192
	Ketam Renjong	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ketam Batu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Karang	23	23	21	29	26	34	20	22	22	24	26	25	295
	Udang Lobok	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang harimau	43	58	32	28	28	31	23	22	37	40	43	45	430
42	Udang Putih Besar	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Udang Putih Sedang	334	219	314	260	302	329	361	220	267	284	286	331	3,507
	Udang Putih Kecil	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang kaki Merah/Sua Lor	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah Ros	42	43	36	42	42	37	35	27	38	41	46	52	481
	Udang Kulit Keras	25	23	23	19	17	16	12	8	10	11	17	12	193
	Udang Kuning	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Udang Pasir Besar	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Udang Pasir Sedang	223	220	210	229	200	196	177	175	212	189	189	190	2,410
	Udang Pasir Kecil	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Minyak	22	22	25	19	26	22	15	17	23	22	20	21	254
	Udang Minyak Jalur	0	0	0	0	0	0	0	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Baring	139	63	67	2	5	5	3	4	3	3	3	4	301
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kepah	40	48	53	52	52	52	44	34	59	47	36	48	565
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lain-lain Siput	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Biasa/Cumit	738	856	875	791	629	614	559	534	567	619	615	544	7,941
	Sotong Katak	200	228	321	255	210	243	199	168	209	220	241	187	2,681
	Sotong Kereta	24	23	26	46	33	27	23	22	29	28	27	25	333
77	Ubur-Ubur	0	0	0	296	528	1	0	0	0	0	0	0	825
	Jumlah Tan.M./*Total Tonnes*	12,006	12,942	13,376	14,388	15,389	14,112	13,435	12,129	13,399	13,854	13,238	12,001	160,269

Jadual *(Table)* **4.5.6**

LABUAN

PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 2003

(Tan Metrik/Tonnes)

ISSCAAP GROUP NO.	**Spesis** *Species* / **Nama Tempatan** *Local Name*	**Januari** *January*	**Febuari** *February*	**Mac** *March*	**April** *April*	**Mei** *May*	**Jun** *June*	**Julai** *July*	**Ogos** *August*	**September** *September*	**Oktober** *October*	**November** *November*	**Disember** *December*	**Jumlah (Tan Metrik)** *Total (Tonnes)*
24	Kebasi Selangat	1	1	1	0	1	2	0	2	2	1	2	2	15
	Puput	2	0	0	2	2	1	2	4	2	0	0	5	20
	Beliak Mata	0	0	0	1	2	1	1	2	1	0	0	2	10
	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	0	0
31	Lidah	4	1	0	2	0	2	2	1	0	0	0	1	13
	Sebelah	8	6	10	8	5	7	9	5	6	9	5	6	84
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	8	10	9	16	11	19	15	16	15	12	10	9	150
	Baji-Baji	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daun Baharu	0	0	4	5	9	10	14	9	10	12	9	10	92
	Delah/Pinang-Pinang	9	8	12	8	10	16	14	10	14	12	10	12	135
	Dengkis/Debam	0	0	0	0	8	10	20	19	15	14	16	14	116
	Duri/Pulutan/Utik	0	10	8	9	10	15	10	12	9	8	0	5	96
	Gelama/Tengkerong/Selampai	12	13	10	9	15	14	10	16	14	15	12	15	155
	Gerut-Gerut	0	0	11	0	12	16	16	13	10	10	12	12	112
	Jahan/Goh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jebong	0	0	2	1	0	1	0	2	1	1	0	2	10
	Jenahak	9	10	0	11	9	0	8	7	0	5	0	6	65
	Kaci	0	0	3	10	12	15	9	8	10	8	9	11	95
	Kapas Laut	0	0	2	2	1	0	0	0	0	0	0	0	5
	Kerapu	11	14	12	13	14	15	15	20	13	14	15	15	171
	Kerisi	15	15	16	16	14	16	16	15	15	14	16	12	180
	kerisi Bali	14	14	17	15	15	16	18	15	15	15	15	14	183
	Kikek	0	8	8	9	10	14	14	12	10	12	10	6	113
	Lumi-Lumi	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malong	0	0	0	1	1	0	2	0	0	0	0	0	4
	Merah	16	18	15	10	15	14	19	24	20	24	20	23	218
	Mengkerong/conor/Ubi-Ubi	0	0	1	1	1	0	0	0	0	0	0	0	3
	Puntung Damar/Bulus	0	0	0	0	0	1	0	0	0	0	0	0	1
	Pasir-Pasir/Timun-Timun	0	0	0	2	6	8	5	6	0	0	0	4	31
	Puyu Laut	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelanduk	0	0	0	0	0	0	0	0	0	0	0	0	0

Samb.Dari Jadual 4.5.6

(Con't From 4.5.6)

	Pinang-Pinang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	12	11	13	14	12	9	12	11	12	13	10	9	138
	Selampai/Tembereh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Shrumbu Lemah	2	1	1	2	3	1	1	2	1	2	2	1	19
	Tanda	0	3	1	2	2	1	4	3	3	2	1	2	24
	Temenggong/Lara Bara	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aji-Aji	0	0	7	6	5	6	4	6	3	2	6	5	50
	Alu-Alu/Kacang-Kacang	6	7	8	4	9	8	9	10	10	8	8	8	95
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Hitam	0	0	9	10	11	10	8	5	6	7	8	6	80
	Bawal Putih	0	0	0	0	6	7	6	7	5	0	0	4	35
	Bawal Tambak	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Selatan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belanak/Kedera	0	0	0	0	0	4	3	0	0	4	6	3	20
	Cermin/Sagai/Cupak	28	30	30	28	35	30	28	30	20	16	18	16	309
	Chaping	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cincaru	12	19	18	15	20	19	16	16	14	15	10	11	185
	Demuduk/Rambai	10	10	10	10	9	8	12	10	9	0	0	2	90
	Gerong-Gerong	0	2	6	7	5	0	0	0	0	0	0	0	20
	Kurau/Senohong	0	0	0	2	2	2	1	1	0	0	0	0	8
	Senangin	0	2	1	2	1	1	1	0	0	0	0	0	8
	Senangin Buis	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerepoh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lolong	0	0	5	2	3	4	6	4	4	0	0	2	30
	Loban	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selar	4	12	11	14	12	12	11	4	3	8	0	9	100
	Pelata	9	10	4	8	5	6	8	8	8	10	7	9	92
	Selar Kuning	0	0	0	0	5	6	3	4	7	8	5	2	40
	Pisang-Pisang	0	0	0	0	1	0	0	0	0	0	0	0	1
	Selayang/Curut	11	12	14	12	12	12	15	13	13	15	16	13	158
	Ketang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	0	4	2	0	1	3	3	4	2	7	5	8	39
	Todak	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tamban Sisek	0	4	10	11	0	9	8	8	8	18	15	9	100
	Tamban Buluh Bulat	0	8	9	6	12	9	5	6	0	0	0	5	60
	Tamban/ Cincang Rebung	5	2	0	2	4	3	3	1	2	2	4	0	28
	Tamban Beluru	0	0	6	6	5	9	9	12	2	3	4	4	60
	Bilis/Bunga Air	2	2	1	2	1	0	0	0	0	0	0	0	8
	Parang-Parang	0	0	0	0	0	2	0	0	4	2	0	2	10
35	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kayu/Tongkol/Aya Hitam	95	62	45	50	50	90	92	92	20	30	99	100	825
	Kayu/Tongkol/Aya Kurik	60	85	95	98	60	62	45	30	50	45	90	80	800

Samb.Dari Jadual 4.5.6
(Con't From 4.5.6)

	Kayu/Tongkol/Aya Selasih	50	60	40	60	40	42	66	36	80	85	90	90	739
	Layaran	0	0	0	2	2	1	3	2	0	0	0	0	10
	Mersuji	0	0	0	4	0	4	2	1	2	0	0	2	15
	Tenggiri	0	14	15	10	10	10	20	30	40	10	50	40	249
36	Kembong	30	50	64	55	72	60	55	30	35	45	90	90	676
	Pelaling/Temenong	0	0	10	20	50	45	20	15	15	10	20	95	300
	Timah/layor/Selayor	0	0	0	2	2	2	0	0	0	0	0	0	6
37	Yu	20	9	0	21	10	10	8	9	10	3	0	24	124
	Pari	0	8	10	6	9	10	12	12	10	10	15	5	107
	Ikan Baja	20	35	90	80	45	80	85	95	95	85	80	145	935
38	Ikan Campur	0	0	25	0	50	75	84	96	95	0	0	100	525
	Ketam Laut	0	0	0	0	0	0	5	3	4	8	0	0	20
	Ketam Renjong	0	0	0	0	1	4	1	2	4	2	0	1	15
	Ketam Batu	0	0	0	0	2	1	3	2	2	0	0	0	10
	Udang Karang	0	0	0	0	0	5	4	5	2	3	4	5	28
	Udang Lobok	2	3	4	5	0	4	2	0	0	0	0	5	25
	Udang harimau	0	1	8	6	5	8	6	8	4	5	9	4	64
42	Udang Putih Besar	10	0	12	9	9	8	5	3	8	3	0	13	80
45	Udang Putih Sedang	0	4	5	5	5	6	3	0	0	0	0	12	40
	Udang Putih Kecil	6	5	9	6	8	8	5	5	0	0	0	8	60
	Udang kaki Merah/Sua Lor	0	0	0	5	0	5	5	5	6	8	9	7	50
	Udang Merah Ros	0	0	3	5	8	6	5	8	0	0	0	5	40
	Udang Kulit Keras	0	0	0	0	5	5	8	7	8	5	8	4	50
	Udang Kuning	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Udang Pasir Besar	2	3	1	2	2	3	0	0	0	0	0	2	15
57	Udang Pasir Sedang	0	0	1	2	1	2	0	2	3	1	2	1	15
	Udang Pasir Kecil	4	1	3	2	3	1	2	0	2	2	1	4	25
	Udang Minyak	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Minyak Jalur	0	0	0	0	0	0	0	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lain-lain Siput	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Biasa/Cumit	5	5	8	5	7	10	11	12	15	14	12	26	130
	Sotong Katak	11	12	15	12	11	10	13	8	14	12	16	16	150
	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan.M./*Total Tonnes*	525	624	770	788	831	971	965	901	842	714	881	1,200	10,012

MALAYSIA

PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 2003

(Tan Metrik/*Tonnes)*

ISSCAAP GROUP NO.	Spesis Nama Tempatan *Local Name*	**Pukat Tunda** Trawl Nets	**Pukat Jerut Ikan** Fish Purse Seines	**Pukat Jerut Bilis** Anchovy Purse Seines	**Pukat Tarik Lain** Other Seines	**Pukat Hanyut** *Drift/Gill Nets*	**Pukat Tangguk** *Lift Nets*	**Belat** *Stationary Traps*	**Bubu** *Portable Traps*	**Pancing** Hook & Line	**Pukat Bakul** Bag *Nets*	**Pukat Rentang** Barrire Nets	**Pukat Surung** Push/Scoop Net	**Memungut Siput** Shellfish Collection	**Rampaian** *Miscellaneous*	**Jumlah** Total
24	Kebasi Selangat	1,565	0	0	7	2,306	0	25	15	1	12	7	5	0	4	3,947
	Puput	3,056	11	0	0	635	0	1	0	0	0	0	0	0	0	3,704
	Beliak Mata	3,250	200	3	624	2,649	8	0	0	0	2	1	0	0	0	6,737
	Terubok	20	0	0	0	1,004	0	2	0	0	0	4	0	0	0	1,031
25	Siakap	46	0	0	0	383	0	23	58	798	0	15	7	0	5	1,335
31	Lidah	1,669	0	0	3	519	0	20	0	0	11	13	3	0	0	2,238
	Sebelah	1,407	0	0	0	158	0	35	2	2	0	0	0	0	0	1,605
33	Bayan	124	0	0	0	4	0	0	84	85	0	0	0	0	0	297
	Biji Nangka	14,143	0	0	0	102	0	1	303	1	0	0	0	0	0	14,550
	Baji-Baji	143	0	0	0	55	0	0	0	4	0	0	0	0	0	203
	Daun Baharu	1,133	1	0	0	194	0	4	13	95	0	1	0	0	7	1,448
	Delah/Pinang-Pinang	54	4	0	2	36	0	4	314	258	0	0	0	0	86	758
	Dengkis/Debam	482	3	0	80	235	12	64	478	233	0	0	0	0	20	1,607
	Duri/Pulutan/Utik	4,641	913	8	46	3,639	6	86	27	659	29	219	86	0	13	10,372
	Gelama/Tengkerong/Selampai	14,622	76	420	1,701	5,141	49	106	10	712	64	101	193	0	46	23,242
	Gerut-Gerut	713	3	0	0	244	0	54	52	229	2	3	4	0	1	1,306
	Jahan/Goh	644	0	0	0	272	0	0	1	189	0	0	0	0	0	1,106
	Jebong	1,702	25	0	0	10	0	1	244	7	0	0	0	0	27	2,015
	Jenahak	1,247	3	0	0	714	0	19	239	2,142	1	5	1	0	21	4,391
	Kaci	636	0	0	0	38	0	4	159	342	0	0	0	0	0	1,178
	Kapas Laut	478	0	0	0	40	0	4	24	21	3	3	0	0	0	573
	Kerapu	2,909	0	0	0	622	0	39	1,176	3,667	0	6	1	0	29	8,450
	Kerisi	23,268	4	0	0	1,057	0	3	4,668	1,147	0	0	0	0	0	30,147
	kerisi Bali	2,348	0	0	0	283	0	1	368	995	0	0	0	0	0	3,995
	Kikek	1,253	54	19	0	228	83	58	1	1	0	0	0	0	2	1,698
	Lumi-Lumi	638	0	0	69	685	0	97	0	0	99	569	18	0	0	2,174
	Malong	2,941	0	0	0	575	0	9	2	2,199	0	0	0	0	0	5,726
	Merah	2,448	12	0	0	1,088	16	7	428	2,837	0	0	0	0	5	6,841
	Mengkerong/conor/Ubi-Ubi	17,579	0	0	0	0	0	0	9	76	0	0	0	0	0	17,664
	Puntung Damar/Bulus	1,412	3	0	0	300	0	0	0	87	0	1	0	0	0	1,803
	Pasir-Pasir/Timun-Timun	789	0	0	0	87	0	3	1,259	137	2	0	0	0	0	2,276
	Puyu Laut	99	0	0	0	5	0	0	0	46	0	0	0	0	0	151
	Pelanduk	147	0	0	0	0	0	0	69	33	0	0	0	0	0	249

Samb.Dari Jadual 4.6

(Con't From 4.6)

	Pinang-Pinang	81	1	0	0	0	0	0	1	10	0	0	0	0	0	92
	Remong/Kunyit-Kunyit/Tanda	1,564	0	0	0	48	0	27	792	1,304	0	1	0	0	0	3,735
	Selampai/Tembereh	14	0	0	0	92	0	0	1	4	0	0	0	0	0	110
	Semilang	271	0	0	9	829	0	33	89	400	25	200	15	0	25	1,895
	Shrumbu/Lemah	402	0	0	0	110	0	3	0	0	0	0	0	0	0	515
	Tanda	149	0	0	0	6	0	1	95	51	0	0	0	0	0	303
	Temenggong/Lara Bara	10,507	251	0	0	22	0	0	3	0	0	0	2	0	0	10,785
	Aji-Aji	837	0	0	0	18	0	5	33	5	0	1	0	0	0	898
	Alu-Alu/Kacang-Kacang	3,023	281	0	0	193	218	60	1	1,727	0	2	17	0	86	5,607
	Aruan Tasik	359	1	0	0	34	0	0	37	125	0	0	0	0	0	557
	Bawal Hitam	2,423	522	1	0	1,177	231	32	0	6	2	0	84	0	0	4,477
	Bawal Putih	1,242	15	0	150	628	20	11	0	0	5	0	20	0	0	2,092
	Bawal Tambak	460	0	0	54	243	0	7	0	0	1	0	0	0	0	765
	Bawal Selatan	365	0	0	8	14	0	0	0	0	0	0	0	0	0	387
	Belanak/Kedera	363	0	0	3	2,160	9	66	1	0	31	87	40	0	37	2,798
	Cermin/Sagai/Cupak	3,313	443	0	6	411	450	4	114	1,333	0	5	0	0	0	6,080
	Chaping	141	0	0	0	5	0	0	0	0	0	0	0	0	0	146
	Cincaru	6,584	11,503	0	0	2,214	652	0	2	890	0	1	2	0	5	21,853
	Demuduk/Rambai	2,918	233	0	3	869	627	30	112	2,314	0	1	0	0	104	7,211
	Gerong-Gerong	33	11	0	0	21	0	0	9	8	0	0	0	0	0	83
	Kurau/Senohong	90	0	0	0	697	0	27	1	217	0	3	0	0	0	1,035
	Senangin	464	0	0	6	1,535	0	12	3	62	1	25	5	0	0	2,114
	Senangin Buis	208	0	0	0	28	0	0	0	0	0	2	0	0	0	238
	Kerepoh	25	43	0	0	6	0	2	20	10	0	1	0	0	0	107
	Lolong	3,622	16,146	0	0	94	6	0	0	30	0	0	0	0	0	19,898
	Loban	6	0	0	0	5	0	0	0	0	0	0	0	0	0	11
	Selar	6,684	9,765	2	0	1,419	45	12	28	1,410	0	0	15	0	0	19,381
	Pelata	875	5,734	4	0	241	780	5	0	123	0	2	1	0	87	7,852
	Selar Kuning	6,409	4,794	0	0	160	1,139	5	174	1,370	0	0	35	0	0	14,086
	Pisang-Pisang	11	169	0	0	16	0	1	1	24	0	0	0	0	0	223
	Selayang/Curut	5,446	71,269	0	0	66	1,791	0	3	522	0	0	0	0	0	79,098
	Ketang	48	3	0	0	9	0	0	8	0	0	4	0	0	0	73
	Talang	1,168	44	0	0	1,503	317	42	1	47	0	11	0	0	0	3,134
	Todak	22	7	0	0	34	0	0	0	2	0	0	0	0	0	66
	Tamban Sisek	710	20,436	361	0	1,353	206	5	0	31	0	0	0	0	0	23,100
	Tamban Buluh Bulat	2,794	1,825	0	0	27	40	0	0	0	0	0	0	0	0	4,687
	Tamban/ Cincang Rebung	73	7,660	0	0	1	2,068	28	0	0	0	0	0	0	9	9,839
	Tamban Beluru	31	3,095	0	0	6	66	0	0	6	0	0	0	0	0	3,204
	Bilis/Bunga Air	484	26	12,055	8	44	7,607	55	0	0	32	0	0	0	9	20,319
	Parang-Parang	2,366	28	0	0	2,009	0	0	0	3	0	0	0	0	0	4,406
35	Bulan-Bulan	95	17	0	0	8	0	15	0	1	0	0	0	0	0	136
	Kayu/Tongkol/Aya Hitam	237	35,620	0	48	3,059	2	0	9	2,185	0	0	0	0	5	41,164
	Kayu/Tongkol/Aya Kurik	45	8,142	0	0	662	3	0	0	1,614	0	0	0	0	0	10,467

Samb.Dari Jadual 4.6

(Con't From 4.6)

	Kayu/Tongkol/Aya selaseh	93	1,811	0	0	1,066	0	0	0	230	0	0	0	0	0	3,200
	Layaran	1	16	0	0	154	0	0	0	5	0	0	0	0	0	176
	Mersuji	0	0	0	0	15	0	0	0	17	0	0	0	0	0	33
	Tenggiri	4,790	1,062	0	0	7,340	10	0	4	2,883	0	0	0	0	0	16,089
36	Kembong	10,903	21,083	0	0	5,928	1,236	30	0	2,090	0	0	0	0	28	41,299
	Pelaling/Temenong	19,346	21,797	0	14	42,371	25	0	0	1	0	2	0	0	0	83,557
	Timah/layor/Selayor	5,333	381	4	0	609	52	17	0	60	4	0	0	0	0	6,460
37	Yu	5,110	1	0	2	2,215	0	4	12	1,350	0	3	0	0	0	8,696
	Pari	13,688	3	0	1,004	2,339	0	95	25	2,045	23	20	11	0	0	19,253
	Ikan Baja	324,786	7,493	97	12,747	1,059	0	141	0	10	4,191	726	2,561	0	0	353,810
38	Ikan Campur	53,005	7,765	618	1,882	8,132	533	279	333	2,860	460	362	182	0	233	76,644
	Ketam Laut	5,646	1	0	178	1,064	0	73	1,525	0	16	19	13	0	37	8,572
	Ketam Renjong	1,286	0	0	16	1,321	0	7	439	0	23	107	46	0	209	3,453
	Ketam Batu	97	0	0	0	25	0	0	46	0	4	2	9	0	360	543
	Udang Karang	1,651	0	0	0	30	0	0	3	0	0	0	0	0	16	1,700
	Udang Lobok	406	0	0	0	4	0	0	1	0	0	0	0	0	0	411
	Udang harimau	1,742	0	0	4	178	0	4	0	0	4	2	11	0	4	1,948
42	Udang Putih Besar	2,124	0	0	202	3,192	0	16	0	0	151	32	259	0	4	5,981
45	Udang Putih Sedang	5,758	28	0	147	4,621	0	27	0	0	347	46	581	0	162	11,718
	Udang Putih Kecil	4,632	264	0	1,249	796	0	40	0	0	264	55	756	0	1	8,056
	Udang kaki Merah/Sua Lor	3,028	0	0	64	1,652	0	13	0	0	99	47	203	0	0	5,104
	Udang Merah Ros	910	0	0	0	13	0	1	0	0	1	1	0	0	0	926
	Udang Kulit Keras	2,010	0	0	1,048	354	0	10	0	0	316	10	272	0	44	4,065
	Udang Kuning	680	0	0	285	61	0	12	0	0	283	11	779	0	0	2,111
	Udang Cendana Rotan	3,008	0	0	2,124	1,082	0	2	0	0	248	1	594	0	0	7,059
	Udang Merah	3,430	0	0	151	20	0	35	0	0	846	1	0	0	0	4,483
56	Udang Pasir Besar	16	0	0	0	0	0	0	0	0	0	0	0	0	21	37
57	Udang Pasir Sedang	2,722	0	0	35	246	0	52	0	0	50	5	127	0	183	3,419
	Udang Pasir Kecil	1,489	0	0	0	0	0	14	0	0	16	0	8	0	1	1,528
	Udang Minyak	3,125	0	0	2,091	45	0	0	0	0	210	3	193	0	0	5,667
	Udang Minyak Jalur	69	0	0	7	0	0	0	0	0	52	2	3	0	0	132
	udang Ekor Biru	304	0	0	0	0	0	0	0	0	0	0	0	0	0	305
	Udang Susu	248	0	0	0	126	0	8	0	0	0	0	8	0	0	389
	Udang Baring	2,058	0	0	0	68	44	203	0	0	4,461	9	1,169	0	257	8,270
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	105	0	105
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	5,808	0	5,808
	Kepah	372	0	0	0	0	0	0	0	0	0	0	0	227	23	622
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	320	0	320
	Lain-lain Siput	94	0	0	0	0	0	0	0	0	0	0	0	550	0	643
	Sotong Biasa/Cumit	44,521	3,047	47	111	180	984	52	216	710	9	1	9	0	21	49,908
	Sotong Katak	22,031	22	0	270	401	214	1	435	6	157	4	185	0	5	23,731
	Sotong Kereta	1,273	0	0	18	7	0	0	0	14	6	0	0	0	0	1,319
77	Ubur-Ubur	1,161	0	0	0	0	0	17	0	0	1,872	1,068	0	0	1,745	5,863
	Jumlah/*Total*	**727,514**	**264,176**	**13,639**	**26,474**	**132,094**	**19,548**	**2,312**	**14,580**	**45,120**	**14,437**	**3,838**	**8,534**	**7,010**	**3,987**	**1,283,256**

SEMENANJUNG MALAYSIA/ *PENINSULAR MALAYSIA*

PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 2003

(Tan Metrik/*Tonnes)*

ISSCAAP GROUP NO.	Spesis Nama Tempatan *Local Name*	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Fish Purse Seines	Pukat Jerut Bilis Anchovy Purse Seines	Pukat Tarik Lain Other Seines	Pukat Hanyut *Drift/Gill Nets*	Pukat Tangguk *Lift Nets*	Belat *Stationary Traps*	Bubu *Portable Traps*	Pancing Hook & Line	Pukat Bakul Bag *Nets*	Pukat Rentang Barrire Nets	Pukat Surung Push/Scoop Net	Memungut Siput Shellfish Collection	Rampaian *Miscellaneous*	Jumlah Total
24	Kebasi Selangat	937	0	0	7	1,736	0	0	0	0	12	7	5	0	4	2,708
	Puput	198	11	0	0	13	0	0	0	0	0	0	0	0	0	223
	Beliak Mata	2,538	200	3	624	2,207	8	0	0	0	2	1	0	0	0	5,583
	Terubok	18	0	0	0	70	0	0	0	0	0	4	0	0	0	92
25	Siakap	45	0	0	0	87	0	0	5	27	0	15	7	0	0	186
31	Lidah	1,147	0	0	3	455	0	20	0	0	11	13	3	0	0	1,652
	Sebelah	578	0	0	0	32	0	0	1	1	0	0	0	0	0	613
33	Bayan	59	0	0	0	2	0	0	82	2	0	0	0	0	0	145
	Biji Nangka	9,055	0	0	0	36	0	0	297	1	0	0	0	0	0	9,389
	Baji-Baji	143	0	0	0	55	0	0	0	4	0	0	0	0	0	203
	Daun Baharu	133	1	0	0	76	0	0	13	14	0	1	0	0	0	238
	Delah/Pinang-Pinang	21	4	0	0	0	0	0	295	66	0	0	0	0	0	386
	Dengkis/Debam	276	0	0	0	3	0	14	370	130	0	0	0	0	0	793
	Duri/Pulutan/Utik	1,961	910	8	46	2,171	6	17	26	442	29	219	86	0	13	5,934
	Gelama/Tengkerong/Selampai	8,141	76	420	1,701	4,083	49	27	10	143	64	101	193	0	28	15,037
	Gerut-Gerut	434	3	0	0	67	0	0	50	107	2	3	4	0	1	672
	Jahan/Goh	411	0	0	0	54	0	0	1	1	0	0	0	0	0	467
	Jebong	1,488	25	0	0	1	0	0	243	7	0	0	0	0	0	1,763
	Jenahak	298	3	0	0	24	0	1	98	273	1	5	1	0	0	703
	Kaci	267	0	0		14	0	1	147	149	0	0	0	0	0	577
	Kapas Laut	478	0	0	0	35	0	4	24	21	3	3	0	0	0	568
	Kerapu	1,901	0	0	0	89	0	1	967	805	0	6	1	0	0	3,771
	Kerisi	12,831	4	0	0	970	0	3	4,653	923	0	0	0	0	0	19,384
	kerisi Bali	1,844	0	0	0	5	0	1	359	75	0	0	0	0	0	2,284
	Kikek	798	49	19	0	44	5	38	1	1	0	0	0	0	0	954
	Lumi-Lumi	380	0	0	69	143	0	10	0	0	2	0	18	0	0	621
	Malong	619	0	0	0	180	0	9	2	895	0	0	0	0	0	1,705
	Merah	485	11	0	0	2	0	0	232	556	0	0	0	0	0	1,286
	Mengkerong/coner/Ubi-Ubi	14,940	0	0	0	0	0	0	9	76	0	0	0	0	0	15,025
	Puntung Damar/Bulus	1,312	0	0	0	264	0	0		83	0	1	0	0	0	1,660
	Pasir-Pasir/Timun-Timun	756	0	0	0	71	0	0	1,258	137	0	0	0	0	0	2,221
	Puyu Laut	99	0	0	0	5	0	0	0	46	0	0	0	0	0	151
	Pelanduk	147	0	0	0	0	0	0	69	5	0	0	0	0	0	221

Samb.Dari Jadual 4.6.1

(Con't From 4.6.1)

	Pinang-Pinang	81	1	0	0	0	0	0	1	10	0	0	0	0	0	92
	Remong/Kunyit-Kunyit/Tanda	1,382	0	0	0	13	0	0	740	264	0	1	0	0	0	2,399
	Selampai/Tembereh	14	0	0	0	92	0	0	1	4	0	0	0	0	0	110
	Semilang	266	0	0	9	477	0	0	43	240	25	200	15	0	25	1,299
	Shrumbu/Lemah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tanda	149	0	0	0	6	0	1	95	27	0	0	0	0	0	279
	Temenggong/Lara Bara	10,507	251	0	0	22	0	0	3	0	0	0	2	0	0	10,785
	Aji-Aji	812	0	0	0	8	0	0	23	5	0	1	0	0	0	848
	Alu-Alu/Kacang-Kacang	1,288	124	0	0	110	0	4	1	154	0	2	17	0	0	1,699
	Aruan Tasik	359	1	0	0	34	0	0	37	125	0	0	0	0	0	557
	Bawal Hitam	1,661	411	1	0	368	4	16	0	3	2	0	1	0	0	2,466
	Bawal Putih	1,149	0	0	150	503	0	11	0	0	5	0	20	0	0	1,839
	Bawal Tambak	336	0	0	54	178	0	7	0	0	1	0	0	0	0	576
	Bawal Selatan	365	0	0	8	14	0	0	0	0	0	0	0	0	0	387
	Belanak/Kedera	363	0	0	2	1,187	0	17	0	0	31	87	40	0	4	1,732
	Cermin/Sagai/Cupak	1,036	411	0	0	112	0	0	73	480	0	5	0	0	0	2,118
	Chaping	141	0	0	0	5	0	0	0	0	0	0	0	0	0	146
	Cincaru	3,745	6,833	0	0	352	12	0	2	852	0	1	2	0	0	11,799
	Demuduk/Rambai	443	165	0	0	10	0	2	53	205	0	1	0	0	0	879
	Gerong-Gerong	33	11	0	0	1	0	0	9	8	0	0	0	0	0	63
	Kurau/Senohong	46	0	0	0	143	0	0	1	24	0	1	0	0	0	215
	Senangin	417	0	0	6	1,111	0	10	3	62	1	25	5	0	0	1,641
	Senangin Buis	208	0	0	0	28	0	0	0	0	0	2	0	0	0	238
	Kerepoh	25	43	0	0	6	0	2	20	10	0	1	0	0	0	107
	Lolong	3,602	16,141	0	0	89	6	0	0	30	0	0	0	0	0	19,868
	Loban	6	0	0	0	5	0	0	0	0	0	0	0	0	0	11
	Selar	4,193	9,611	2	0	918	45	12	28	1,369	0	0	0	0	0	16,179
	Pelata	521	770	4	0	65	11	4	0	2	0	2	0	0	0	1,379
	Selar Kuning	3,920	4,604	0	0	69	1,120	5	174	18	0	0	0	0	0	9,910
	Pisang-Pisang	9	169	0	0	4	0	0	0	19	0	0	0	0	0	202
	Selayang/Curut	3,600	63,824	0	0	59	64	0	3	487	0	0	0	0	0	68,038
	Ketang	48	3	0	0	9	0	0	8	0	0	4	0	0	0	73
	Talang	351	44	0	0	569	0	2	1	39	0	10	0	0	0	1,017
	Todak	22	7	0	0	33	0	0	0	2	0	0	0	0	0	65
	Tamban Sisek	705	20,272	361	0	581	152	5	0	31	0	0	0	0	0	22,105
	Tamban Buluh Bulat	54	1,156	0	0	0	0	0	0	0	0	0	0	0	0	1,211
	Tamban/ Cincang Rebung	71	130	0	0	0	0	0	0	0	0	0	0	0	0	201
	Tamban Beluru	17	3,085	0	0	0	36	0	0	6	0	0	0	0	0	3,144
	Bilis/Bunga Air	473	0	12,053	0	2	5,030	0	0	0	0	0	0	0	0	17,557
	Parang-Parang	1,420	25	0	0	1,499	0	0	0	1	0	0	0	0	0	2,945
35	Bulan-Bulan	10	0	0	0	1	0	2	0	0	0	0	0	0	0	13
	Kayu/Tongkol/Aya Hitam	186	25,409	0	0	272	2	0	9	1,129	0	0	0	0	0	27,006
	Kayu/Tongkol/Aya Kurik	14	7,526	0	0	197	3	0	0	1,348	0	0	0	0	0	9,089

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(Con't From 4.6.1)

	Kayu/Tongkol/Aya selaseh	0	611	0	0	0	0	0	0	0	0	0	0	0	0	611
	Layaran	1	16	0	0	0	0	0	0	0	0	0	0	0	0	17
	Mersuji	0	0	0	0	0	0	0	0	17	0	0	0	0	0	18
	Tenggiri	2,311	696	0	0	3,124	1	0	4	1,006	0	0	0	0	0	7,142
36	Kembong	7,367	13,973	0	0	4,676	477	5	0	752	0	0	0	0	0	27,251
	Pelaling/Temenong	16,015	21,536	0	14	42,232	0	0	0	1	0	2	0	0	0	79,801
	Timah/layor/Selayor	3,409	216	4	0	307	8	17	0	3	4	0	0	0	0	3,968
37	Yu	2,372	1	0	2	450	0	4	12	352	0	2	0	0	0	3,194
	Pari	6,353	3	0	1,004	1,871	0	0	25	1,388	9	5	11	0	0	10,669
	Ikan Baja	275,811	7,285	97	12,747	1,032	0	0	0	10	3,664	726	2,561	0	0	303,932
38	Ikan Campur	11,720	4,564	618	1,517	2,898	43	15	264	490	214	56	116	0	45	22,560
	Ketam Laut	2,148	0	0	178	361	0	0	126	0	16	19	13	0	32	2,893
	Ketam Renjong	1,285	0	0	16	1,311	0	0	204	0	21	105	46	0	209	3,196
	Ketam Batu	54	0	0	0	20	0	0	46	0	4	2	9	0	360	495
	Udang Karang	108	0	0	0	14	0	0	3	0	0	0	0	0	2	127
	Udang Lobok	374	0	0	0	4	0	0	1	0	0	0	0	0	0	379
	Udang harimau	372	0	0	4	75	0	0	0	0	4	2	11	0	0	467
42	Udang Putih Besar	1,518	0	0	202	2,727	0	15	0	0	147	26	259	0	0	4,895
45	Udang Putih Sedang	2,106	0	0	98	1,697	0	15	0	0	320	46	581	0	2	4,866
	Udang Putih Kecil	4,070	264	0	1,249	198	0	36	0	0	244	29	756	0	0	6,845
	Udang kaki Merah/Sua Lor	2,194	0	0	64	1,627	0	13	0	0	99	47	203	0	0	4,245
	Udang Merah Ros	397	0	0	0	3	0	0	0	0	1	1	0	0	0	402
	Udang Kulit Keras	1,236	0	0	1,048	353	0	10	0	0	285	10	272	0	0	3,215
	Udang Kuning	680	0	0	285	61	0	12	0	0	283	11	779	0	0	2,111
	Udang Cendana Rotan	3,008	0	0	2,124	1,082	0	2	0	0	142	1	594	0	0	6,953
	Udang Merah	342	0	0	151	10	0	35	0	0	30	1	0	0	0	569
56	Udang Pasir Besar	1	0	0	0	0	0	0	0	0	0	0	0	0	21	22
57	Udang Pasir Sedang	778	0	0	9	2	0	0	0	0	50	5	127	0	24	994
	Udang Pasir Kecil	1,464	0	0	0	0	0	14	0	0	16	0	8	0	1	1,503
	Udang Minyak	2,798	0	0	2,091	10	0	0	0	0	210	3	193	0	0	5,305
	Udang Minyak Jalur	69	0	0	7	0	0	0	0	0	52	2	3	0	0	132
	udang Ekor Biru	304	0	0	0	0	0	0	0	0	0	0	0	0	0	305
	Udang Susu	248	0	0	0	126	0	8	0	0	0	0	8	0	0	389
	Udang Baring	2,055	0	0	0	0	0	158	0	0	4,297	9	1,147	0	0	7,667
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	103	0	103
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	5,808	0	5,808
	Kepah	0	0	0	0	0	0	0	0	0	0	0	0	57	0	57
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	320	0	320
	Lain-lain Siput	94	0	0	0	0	0	0	0	0	0	0	0	540	0	633
	Sotong Biasa/Cumit	32,557	1,200	47	89	145	239	7	216	664	9	1	9	0	0	35,183
	Sotong Katak	16,971	0	0	270	400	0	1	435	3	157	4	185	0	0	18,426
	Sotong Kereta	954	0	0	18	7	0	0	0	0	6	0	0	0	0	986
77	*Ubur-Ubur*	1,128	0	0	0	0	0	0	0	0	1,071	0	0	0	0	2,199
	Jumlah/*Total*	**513,457**	**212,689**	**13,637**	**25,864**	**88,965**	**7,320**	**614**	**11,876**	**16,632**	**11,548**	**1,842**	**8,312**	**6,828**	**771**	**920,355**

PANTAI BARAT SEMENANJUNG MALAYSIA/*WEST COAST OF PENINSULAR MALAYSIA*
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 2003
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 2003
(Tan Metrik/*Tonnes*)

ISSCAAP GROUP NO.	Spesis Nama Tempatan *Local Name*	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Fish Purse Seines	Pukat Jerut Bilis Anchovy Purse Seines	Pukat Tarik Lain Other Seines	Pukat Hanyut *Drift/Gill Nets*	Pukat Tangguk *Lift Nets*	Belat *Stationary Traps*	Bubu *Portable Traps*	Pancing Hook & Line	Pukat Bakul Bag *Nets*	Pukat Rentang Barrire Nets	Pukat Surung Push/Scoop Net	Memungut Siput Shellfish Collection	Rampaian *Miscellaneous*	Jumlah Total
24	Kebasi Selangat	937	0	0	7	1,733	0	0	0	0	12	7	5	0	4	2,705
	Puput	198	11	0	0	13	0	0	0	0	0	0	0	0	0	222
	Beliak Mata	2,502	200	0	624	2,149	0	0	0	0	2	1	0	0	0	5,479
	Terubok	18	0	0	0	70	0	0	0	0	0	4	0	0	0	92
25	Siakap	41	0	0	0	85	0	0	1	21	0	15	7	0	0	170
31	Lidah	971	0	0	3	453	0	20	0	0	11	13	3	0	0	1,474
	Sebelah	305	0	0	0	29	0	0	0	0	0	0	0	0	0	334
33	Bayan	8	0	0	0	0	0	0	4	0	0	0	0	0	0	12
	Biji Nangka	6,336	0	0	0	35	0	0	0	0	0	0	0	0	0	6,371
	Baji-Baji	110	0	0	0	55	0	0	0	4	0	0	0	0	0	169
	Daun Baharu	69	0	0	0	75	0	0	10	10	0	1	0	0	0	166
	Delah/Pinang-Pinang	2	0	0	0	0	0	0	6	55	0	0	0	0	0	63
	Dengkis/Debam	4	0	0	0	1	0	0	6	1	0	0	0	0	0	12
	Duri/Pulutan/Utik	1,496	0	4	46	1,992	0	14	5	355	29	219	86	0	13	4,260
	Gelama/Tengkerong/Selampai	6,402	76	0	1,701	3,785	0	26	3	74	64	101	193	0	28	12,453
	Gerut-Gerut	382	0	0	0	67	0	0	29	101	2	3	4	0	1	590
	Jahan/Goh	35	0	0	0	53	0	0	1	0	0	0	0	0	0	89
	Jebong	470	0	0	0	0	0	0	17	1	0	0	0	0	0	487
	Jenahak	264	3	0	0	23	0	0	91	257	1	5	1	0	0	646
	Kaci	37	0	0	0	11	0	0	20	4	0	0	0	0	0	73
	Kapas Laut	46	0	0	0	13	0	0	0	9	3	3	0	0	0	75
	Kerapu	886	0	0	0	30	0	0	56	169	0	6	1	0	0	1,148
	Kerisi	7,287	0	0	0	146	0	3	1	0	0	0	0	0	0	7,437
	kerisi Bali	456	0	0	0	2	0	1	0	0	0	0	0	0	0	459
	Kikek	192	23	0	0	21	0	24	0	0	0	0	0	0	0	260
	Lumi-Lumi	380	0	0	69	143	0	10	0	0	2	0	18	0	0	621
	Malong	497	0	0	0	180	0	9	2	862	0	0	0	0	0	1,550
	Merah	84	0	0	0	2	0	0	47	39	0	0	0	0	0	172
	Mengkerong/conor/Ubi-Ubi	10,392	0	0	0	0	0	0	0	0	0	0	0	0	0	10,393
	Puntung Damar/Bulus	781	0	0	0	172	0	0	0	73	0	1	0	0	0	1,027
	Pasir-Pasir/Timun-Timun	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	Puyu Laut	99	0	0	0	5	0	0	0	46	0	0	0	0	0	151
	Pelanduk	55	0	0	0	0	0	0	1	2	0	0	0	0	0	58

Samb.Dari Jadual 4.6.2

(Con't From 4.6.2)

	Pinang-Pinang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Remong/Kunyit-Kunyit/Tanda	119	0	0	0	1	0	0	4	2	0	1	0	0	0	0	126
	Selampai/Tembereh	8	0	0	0	69	0	0	1	4	0	0	0	0	0	0	81
	Semilang	205	0	0	9	477	0	0	42	240	25	200	15	0	25	1,238	
	Shrumbu/Lemah		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tanda	112	0	0	0	2	0	1	1	7	0	0	0	0	0	123	
	Temenggong/Lara Bara	1,494	0	0	0	0	0	0	0	0	0	0	2	0	0	1,495	
	Aji-Aji	438	0	0	0	5	0	0	4	2	0	1	0	0	0	450	
	Alu-Alu/Kacang-Kacang	539	0	0	0	87	0	4	0	74	0	2	17	0	0	723	
	Aruan Tasik	142	0	0	0	7	0	0	0	17	0	0	0	0	0	166	
	Bawal Hitam	1,418	40	0	0	341	0	16	0	0	2	0	1	0	0	1,818	
	Bawal Putih	1,098	0	0	150	489	0	11	0	0	5	0	20	0	0	1,774	
	Bawal Tambak	333	0	0	54	178	0	7	0	0	1	0	0	0	0	573	
	Bawal Selatan	365	0	0	8	14	0	0	0	0	0	0	0	0	0	387	
	Belanak/Kedera	362	0	0	2	1,145	0	0	0	0	31	87	40	0	4	1,673	
	Cermin/Sagai/Cupak	237	0	0	0	78	0	0	8	6	0	5	0	0	0	334	
	Chaping	141	0	0	0	5	0	0	0	0	0	0	0	0	0	146	
	Cincaru	2,621	2,458	0	0	106	0	0	0	0	0	1	2	0	0	5,189	
	Demuduk/Rambai	306	0	0	0	8	0	2	5	11	0	1	0	0	0	331	
	Gerong-Gerong	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
	Kurau/Senohong	43	0	0	0	84	0	0	1	24	0	1	0	0	0	152	
	Senangin	403	0	0	6	1,043	0	10	3	62	1	25	5	0	0	1,560	
	Senangin Buis	201	0	0	0	28	0	0	0	0	0	2	0	0	0	231	
	Kerepoh	25	43	0	0	6	0	2	20	10	0	1	0	0	0	107	
	Lolong	988	2,679	0	0	0	0	0	0	0	0	0	0	0	0	3,667	
	Loban	5	0	0	0	5	0	0	0	0	0	0	0	0	0	10	
	Selar	2,426	2,463	0	0	24	0	12	0	7	0	0	0	0	0	4,931	
	Pelata	509	770	0	0	63	0	4	0	2	0	2	0	0	0	1,350	
	Selar Kuning	660	71	0	0	0	0	5	0	0	0	0	0	0	0	735	
	Pisang-Pisang	7	168	0	0	4	0	0	0	0	0	0	0	0	0	180	
	Selayang/Curut	2,022	20,265	0	0	0	0	0	0	0	0	0	0	0	0	22,287	
	Ketang	45	0	0	0	8	0	0	8	0	0	4	0	0	0	65	
	Talang	288	34	0	0	203	0	2	0	36	0	10	0	0	0	575	
	Todak	22	0	0	0	28	0	0	0	2	0	0	0	0	0	52	
	Tamban Sisek	687	1,487	153	0	163	0	5	0	0	0	0	0	0	0	2,494	
	Tamban Buluh Bulat	54	1,155	0	0	0	0	0	0	0	0	0	0	0	0	1,209	
	Tamban/ Cincang Rebung	71	128	0	0	0	0	0	0	0	0	0	0	0	0	199	
	Tamban Beluru	8	12	0	0	0	0	0	0	0	0	0	0	0	0	20	
	Bilis/Bunga Air	365	0	9,991	0	0	0	0	0	0	0	0	0	0	0	10,356	
	Parang-Parang	738	0	0	0	710	0	0	0	0	0	0	0	0	0	1,448	
35	Bulan-Bulan	6	0	0	0	1	0	0	0	0	0	0	0	0	0	7	
	Kayu/Tongkol/Aya Hitam	129	12,227	0	0	244	0	0	0	0	0	0	0	0	0	12,599	
	Kayu/Tongkol/Aya Kurik	11	761	0	0	47	0	0	0	0	0	0	0	0	0	819	

Samb.Dari Jadual 4.6.2

(Con't From 4.6.2)

	Kayu/Tongkol/Aya selaseh	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
	Layaran	1	16	0	0	0	0	0	0	0	0	0	0	0	0	17
	Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tenggiri	1,455	370	0	0	2,857	0	0	3	27	0	0	0	0	0	4,711
36	Kembong	5,286	4,899	0	0	216	0	5	0	0	0	0	0	0	0	10,407
	Pelaling/Temenong	15,790	21,362	0	14	40,420	0	0	0	0	0	2	0	0	0	77,588
	Timah/layor/Selayor	2,473	16	0	0	159	0	17	0	0	3	0	0	0	0	2,668
37	Yu	819	0	0	2	201	0	4	4	54	0	2	0	0	0	1,087
	Pari	2,742	0	0	1,004	901	0	0	19	1,254	9	5	11	0	0	5,944
	Ikan Baja	173,476	7,050	5	12,747	1,032	0	0	0	10	3,399	726	2,561	0	0	201,005
38	Ikan Campur	3,997	1,528	422	1,517	2,426	0	13	3	22	214	56	116	0	45	10,358
	Ketam Laut	1,817	0	0	178	359	0	0	3	0	16	19	13	0	32	2,437
	Ketam Renjong	491	0	0	16	843	0	0	141	0	21	105	46	0	209	1,872
	Ketam Batu	11	0	0	0	20	0	0	24	0	4	2	9	0	258	328
	Udang Karang	20	0	0	0	3	0	0	0	0	0	0	0	0	0	23
	Udang Lobok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang harimau	217	0	0	4	72	0	0	0	0	3	2	11	0	0	308
42	Udang Putih Besar	1,152	0	0	202	2,567	0	15	0	0	139	26	259	0	0	4,362
45	Udang Putih Sedang	1,950	0	0	98	1,685	0	15	0	0	320	46	581	0	2	4,697
	Udang Putih Kecil	3,937	264	0	1,249	186	0	36	0	0	237	29	756	0	0	6,693
	Udang kaki Merah/Sua Lor	1,393	0	0	64	1,505	0	13	0	0	84	47	203	0	0	3,308
	Udang Merah Ros	397	0	0	0	3	0		0	0	1	1	0	0	0	401
	Udang Kulit Keras	1,028	0	0	1,048	353	0	10	0	0	285	10	272	0	0	3,007
	Udang Kuning	680	0	0	285	61	0	12	0	0	277	11	779	0	0	2,106
	Udang Cendana Rotan	2,990	0	0	2,124	1,082	0	2	0	0	142	1	594	0	0	6,935
	Udang Merah	339	0	0	151	10	0	35	0	0	30	1	0	0	0	566
56	Udang Pasir Besar	1	0	0	0	0	0	0	0	0	0	0	0	0	21	22
57	Udang Pasir Sedang	735	0	0	9	2	0	0	0	0	50	5	127	0	24	951
	Udang Pasir Kecil	492	0	0	0	0	0	0	0	0	11	0	8	0	1	512
	Udang Minyak	2,443	0	0	2,091	2	0	0	0	0	188	3	193	0	0	4,921
	Udang Minyak Jalur	58	0	0	7	0	0	0	0	0	52	2	3	0	0	122
	udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Susu	245	0	0	0	126	0	8	0	0	0	0	8	0	0	386
	Udang Baring	1,989	0	0	0	0	0	158	0	0	3,351	9	1,147	0	0	6,654
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	103	0	103
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	5,808	0	5,808
	Kepah	0	0	0	0	0	0	0	0	0	0	0	0	57	0	57
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	320	0	320
	Lain-lain Siput	4	0	0	0	0	0	0	0	0	0	0	0	540	0	544
	Sotong Biasa/Cumit	19,015	62	47	89	141	0	7	77	0	9	1	9	0	0	19,457
	Sotong Katak	8,802	0	0	270	400	0	1	25	0	157	4	185	0	0	9,844
	Sotong Kereta	718	0	0	18	7	0	0	0	0	6	0	0	0	0	750
77	Ubur-Ubur	1,128	0	0	0	0	0	0	0	0	1,071	0	0	0	0	2,199
	Jumlah/*Total*	**319,499**	**80,653**	**10,623**	**25,864**	**74,654**	**0**	**541**	**695**	**3,956**	**10,271**	**1,842**	**8,312**	**6,828**	**667**	**544,406**

PANTAI TIMUR SEMENANJUNG MALAYSIA/*EAST COAST OF PENINSULAR MALAYSIA*

PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 2003

(Tan Metrik/*Tonnes*)

ISSCAAP GROUP NO.	Spesis Nama Tempatan *Local Name*	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Fish Purse Seines	Pukat Jerut Bilis Anchovy Purse Seines	Pukat Tarik Lain Other Seines	Pukat Hanyut *Drift/Gill Nets*	Pukat Tangguk *Lift Nets*	Belat *Stationary Traps*	Bubu *Portable Traps*	Pancing Hook & Line	Pukat Bakul Bag *Nets*	Pukat Rentang Barrire Nets	Pukat Surung Push/Scoop Net	Memungut Siput Shellfish Collection	Rampaian *Miscellaneous*	Jumlah Total
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Kebasi Selangat	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
	Puput	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Beliak Mata	36	0	3	0	58	8	0	0	0	0	0	0	0	0	104
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	3	0	0	0	2	0	0	4	6	0	0	0	0	0	16
31	Lidah	176	0	0	0	2	0	0	0	0	0	0	0	0	0	178
	Sebelah	274	0	0	0	3	0	0	1	1	0	0	0	0	0	279
33	Bayan	51	0	0	0	2	0	0	77	2	0	0	0	0	0	133
	Biji Nangka	2,719	0	0	0	2	0	0	297	1	0	0	0	0	0	3,019
	Baji-Baji	33	0	0	0	1	0	0	0	0	0	0	0	0	0	34
	Daun Baharu	63	1	0	0	0	0	0	3	4	0	0	0	0	0	72
	Delah/Pinang-Pinang	19	4	0	0	0	0	0	289	11	0	0	0	0	0	323
	Dengkis/Debam	272	0	0	0	2	0	14	364	129	0	0	0	0	0	780
	Duri/Pulutan/Utik	465	910	4	0	179	6	4	21	86	0	0	0	0	0	1,674
	Gelama/Tengkerong/Selampai	1,739	0	420	0	299	49	1	7	69	0	0	0	0	0	2,584
	Gerut-Gerut	52	3	0	0	0	0	0	21	6	0	0	0	0	0	82
	Jahan/Goh	376	0	0	0	1	0	0	0	1	0	0	0	0	0	378
	Jebong	1,018	25	0	0	1	0	0	226	6	0	0	0	0	0	1,276
	Jenahak	34	0	0	0	1	0	1	7	15	0	0	0	0	0	57
	Kaci	230	0	0	0	2	0	1	127	145	0	0	0	0	0	505
	Kapas Laut	432	0	0	0	22	0	3	24	12	0	0	0	0	0	493
	Kerapu	1,015	0	0	0	59	0	1	911	637	0	0	0	0	0	2,623
	Kerisi	5,544	4	0	0	824	0	0	4,653	923	0	0	0	0	0	11,947
	kerisi Bali	1,388	0	0	0	3	0	0	359	75	0	0	0	0	0	1,825
	Kikek	606	26	19	0	23	5	13	1	1	0	0	0	0	0	694
	Lumi-Lumi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malong	122	0	0	0	0	0	0	0	33	0	0	0	0	0	155
	Merah	401	11	0	0	0	0	0	185	518	0	0	0	0	0	1,114
	Mengkerong/conor/Ubi-Ubi	4,549	0	0	0	0	0	0	9	75	0	0	0	0	0	4,633
	Puntung Damar/Bulus	531	0	0	0	92	0	0	0	10	0	0	0	0	0	633
	Pasir-Pasir/Timun-Timun	749	0	0	0	71	0	0	1,258	137	0	0	0	0	0	2,214
	Puyu Laut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelanduk	92	0	0	0	0	0	0	68	3	0	0	0	0	0	163

Samb.Dari Jadual 4.6.3

(Con't From 4.6.3)

	Pinang-Pinang	80	1	0	0	0	0	0	1	9	0	0	0	0	0	92
	Remong/Kunyit-Kunyit/Tanda	1,263	0	0	0	12	0	0	735	262	0	0	0	0	0	2,273
	Selampai/Tembereh	7	0	0	0	22	0	0	0	0	0	0	0	0	0	29
	Semilang	61	0	0	0	0	0	0	1	0	0	0	0	0	0	62
	Shrumbu/Lemah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tanda	37	0	0	0	4	0	0	95	20	0	0	0	0	0	156
	Temenggong/Lara Bara	9,013	251	0	0	22	0	0	3	0	0	0	0	0	0	9,290
	Aji-Aji	373	0	0	0	2	0	0	20	3	0	0	0	0	0	398
	Alu-Alu/Kacang-Kacang	749	124	0	0	23	0	0	1	80	0	0	0	0	0	976
	Aruan Tasik	217	1	0	0	27	0	0	37	109	0	0	0	0	0	390
	Bawal Hitam	243	370	1	0	27	4	0	0	3	0	0	0	0	0	648
	Bawal Putih	52	0	0	0	14	0	0	0	0	0	0	0	0	0	66
	Bawal Tambak	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Bawal Selatan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belanak/Kedera	1	0	0	0	42	0	17	0	0	0	0	0	0	0	60
	Cermin/Sagai/Cupak	799	411	0	0	34	0	0	65	474	0	0	0	0	0	1,784
	Chaping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cincaru	1,123	4,375	0	0	245	12	0	2	852	0	0	0	0	0	6,610
	Demuduk/Rambai	137	165	0	0	2	0	0	48	195	0	0	0	0	0	547
	Gerong-Gerong	24	11	0	0	1	0	0	9	8	0	0	0	0	0	54
	Kurau/Senohong	3	0	0	0	60	0	0	0	0	0	0	0	0	0	63
	Senangin	13	0	0	0	68	0	0	0	0	0	0	0	0	0	81
	Senangin Buis	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
	Kerepoh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lolong	2,614	13,462	0	0	89	6	0	0	30	0	0	0	0	0	16,201
	Loban	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Selar	1,767	7,148	2	0	895	45	0	28	1,362	0	0	0	0	0	11,247
	Pelata	12	0	4	0	2	11	0	0	0	0	0	0	0	0	29
	Selar Kuning	3,260	4,533	0	0	69	1,120	0	174	18	0	0	0	0	0	9,174
	Pisang-Pisang	2	0	0	0	0	0	0	0	19	0	0	0	0	0	22
	Selayang/Curut	1,578	43,559	0	0	59	64	0	3	487	0	0	0	0	0	45,751
	Ketang	4	3	0	0	0	0	0	1	0	0	0	0	0	0	8
	Talang	63	10	0	0	366	0	0	1	3	0	0	0	0	0	443
	Todak	0	7	0	0	6	0	0	0	0	0	0	0	0	0	13
	Tamban Sisek	19	18,785	207	0	418	152	0	0	30	0	0	0	0	0	19,611
	Tamban Buluh Bulat	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	Tamban/ Cincang Rebung	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	Tamban Beluru	10	3,073	0	0	0	36	0	0	6	0	0	0	0	0	3,124
	Bilis/Bunga Air	107	0	2,062	0	2	5,030	0	0	0	0	0	0	0	0	7,201
	Parang-Parang	682	25	0	0	789	0	0	0	1	0	0	0	0	0	1,496
35	Bulan-Bulan	4	0	0	0	0	0	2	0	0	0	0	0	0	0	6
	Kayu/Tongkol/Aya Hitam	57	13,182	0	0	29	2	0	9	1,129	0	0	0	0	0	14,407
	Kayu/Tongkol/Aya Kurik	4	6,765	0	0	150	3	0	0	1,348	0	0	0	0	0	8,270

Samb.Dari Jadual 4.6.3

(Con't From 4.6.3)

	Kayu/Tongkol/Aya selaseh	0	601	0	0	0	0	0	0	0	0	0	0	0	0	601
	Layaran	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mersuji	0	0	0	0	0	0	0	0	17	0	0	0	0	0	18
	Tenggiri	856	326	0	0	267	1	0	2	980	0	0	0	0	0	2,431
36	Kembong	2,081	9,074	0	0	4,461	477	0	0	752	0	0	0	0	0	16,844
	Pelaling/Temenong	225	174	0	0	1,813	0	0	0	1	0	0	0	0	0	2,212
	Timah/layor/Selayor	936	200	4	0	148	8	0	0	2	1	0	0	0	0	1,299
37	Yu	1,554	1	0	0	248	0	0	7	298	0	0	0	0	0	2,108
	Pari	3,611	3	0	0	970	0	0	7	134	0	0	0	0	0	4,725
	Ikan Baja	102,335	235	92	0	0	0	0	0	1	264	0	0	0	0	102,927
38	Ikan Campur	7,723	3,036	196	0	473	43	3	261	468	0	0	0	0	0	12,202
	Ketam Laut	332	0	0	0	1	0	0	123	0	0	0	0	0	0	456
	Ketam Renjong	794	0	0	0	467	0	0	63	0	0	0	0	0	0	1,324
	Ketam Batu	43	0	0	0	0	0	0	22	0	0	0	0	0	102	168
	Udang Karang	88	0	0	0	11	0	0	3	0	0	0	0	0	2	104
	Udang Lobok	374	0	0	0	4	0	0	1	0	0	0	0	0	0	378
	Udang harimau	155	0	0	0	2	0	0	0	0	2	0	0	0	0	159
42	Udang Putih Besar	366	0	0	0	160	0	0	0	0	7	0	0	0	0	533
45	Udang Putih Sedang	157	0	0	0	12	0	0	0	0	0	0	0	0	0	169
	Udang Putih Kecil	133	0	0	0	12	0	0	0	0	7	0	0	0	0	152
	Udang kaki Merah/Sua Lor	801	0	0	0	122	0	0	0	0	14	0	0	0	0	937
	Udang Merah Ros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Kulit Keras	208	0	0	0	0	0	0	0	0	0	0	0	0	0	208
	Udang Kuning	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
	Udang Cendana Rotan	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
	Udang Merah	3	0	0	0	0	0	0	0	0	1	0	0	0	0	4
56	Udang Pasir Besar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Udang Pasir Sedang	43	0	0	0	0	0	0	0	0	0	0	0	0	0	43
	Udang Pasir Kecil	972	0	0	0	0	0	14	0	0	5	0	0	0	0	991
	Udang Minyak	354	0	0	0	8	0	0	0	0	22	0	0	0	0	384
	Udang Minyak Jalur	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11
	udang Ekor Biru	304	0	0	0	0	0	0	0	0	0	0	0	0	0	304
	Udang Susu	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Udang Baring	67	0	0	0	0	0	0	0	0	946	0	0	0	0	1,013
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lain-lain Siput	90	0	0	0	0	0	0	0	0	0	0	0	0	0	90
	Sotong Biasa/Cumit	13,542	1,139	0	0	4	239	0	139	664	0	0	0	0	0	15,726
	Sotong Katak	8,169	0	0	0	0	0	0	409	3	0	0	0	0	0	8,582
	Sotong Kereta	235	0	0	0	0	0	0	0	0	0	0	0	0	0	235
77	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah/*Total*	**193,958**	**132,035**	**3,014**	**0**	**14,311**	**7,320**	**73**	**11,181**	**12,676**	**1,277**	**0**	**0**	**0**	**104**	**375,949**

SARAWAK

PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 2003

(Tan Metrik/*Tonnes*)

ISSCAAP GROUP NO.	Spesis Nama Tempatan *Local Name*	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Fish Purse Seines	Pukat Jerut Bilis Anchovy Purse Seines	Pukat Tarik Lain Other Seines	Pukat Hanyut *Drift/Gill Nets*	Pukat Tangguk *Lift Nets*	Belat *Stationary Traps*	Bubu *Portable Traps*	Pancing Hook & Line	Pukat Bakul Bag *Nets*	Pukat Rentang Barrire Nets	Pukat Surung Push/Scoop Net	Memungut Siput Shellfish Collection	Rampaian *Miscellaneous*	Jumlah Total
24	Kebasi Selangat	319	0	0	0	303	0	0	0	0	0	0	0	0	0	622
	Puput	17	0	0	0	601	0	1	0	0	0	0	0	0	0	619
	Beliak Mata	706	0	0	0	438	0	0	0	0	0	0	0	0	0	1,144
	Terubok	2	0	0	0	934	0	2	0	0	0	0	0	0	0	938
25	Siakap	1	0	0	0	27	0	0	0	0	0	0	0	0	0	28
31	Lidah	287	0	0	0	64	0	0	0	0	0	0	0	0	0	351
	Sebelah	309	0	0	0	91	0	0	0	1	0	0	0	0	0	401
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	4,742	0	0	0	56	0	0	0	0	0	0	0	0	0	4,798
	Baji-Baji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daun Baharu	878	0	0	0	39	0	0	0	0	0	0	0	0	0	917
	Delah/Pinang-Pinang	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	Dengkis/Debam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Duri/Pulutan/Utik	1,997	2	0	0	740	0	13	0	114	0	0	0	0	0	2,866
	Gelama/Tengkerong/Selampai	5,503	0	0	0	666	0	21	0	0	0	0	0	0	0	6,190
	Gerut-Gerut	67	0	0	0	1	0	0	0	6	0	0	0	0	0	74
	Jahan/Goh	233	0	0	0	218	0	0	0	188	0	0	0	0	0	639
	Jebong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jenahak	383	0	0	0	72	0	0	0	122	0	0	0	0	0	577
	Kaci	316	0	0	0	3	0	0	0	115	0	0	0	0	0	434
	Kapas Laut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerapu	507	0	0	0	54	0	1	0	312	0	0	0	0	0	874
	Kerisi	3,558	0	0	0	69	0	0	0	37	0	0	0	0	0	3,664
	kerisi Bali	369	0	0	0	5	0	0	0	117	0	0	0	0	0	491
	Kikek	141	0	0	0	68	0	0	0	0	0	0	0	0	0	209
	Lumi-Lumi	258	0	0	0	542	0	87	0	0	97	569	0	0	0	1,553
	Malong	1,453	0	0	0	395	0	0	0	972	0	0	0	0	0	2,820
	Merah	1,520	1	0	0	131	0	0	0	424	0	0	0	0	0	2,076
	Mengkerong/conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Puntung Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Puyu Laut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelanduk	0	0	0	0	0	0	0	0	28	0	0	0	0	0	28

Samb.Dari Jadual 4.6.4

(Con't From 4.6.4)

	Pinang-Pinang	0	0	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	0	0
	Selampai/Tembereh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0	11	0	0	0	0	0	0	0	11
	Shrumbu/Lemah	400	0	0	0	90	0	0	0	0	0	0	0	0	0	490
	Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Temenggong/Lara Bara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aji-Aji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	390	2	0	0	25	0	0	0	35	0	0	0	0	0	452
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Hitam	378	89	0	0	383	0	0	0	3	0	0	83	0	0	936
	Bawal Putih	93	0	0	0	125	0	0	0	0	0	0	0	0	0	218
	Bawal Tambak	124	0	0	0	65	0	0	0	0	0	0	0	0	0	189
	Bawal Selatan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belanak/Kedera	0	0	0	0	21	0	15	0	0	0	0	0	0	0	36
	Cermin/Sagai/Cupak	2,068	0	0	0	53	0	0	0	15	0	0	0	0	0	2,136
	Chaping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cincaru	2,067	274	0	0	1,620	0	0	0	0	0	0	0	0	0	3,961
	Demuduk/Rambai	609	0	0	0	313	0	0	0	25	0	0	0	0	0	947
	Gerong-Gerong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kurau/Senohong	22	0	0	0	36	0	1	0	0	0	2	0	0	0	61
	Senangin	42	0	0	0	422	0	1	0	0	0	0	0	0	0	465
	Senangin Buis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerepoh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lolong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Loban	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selar	2,431	149	0	0	466	0	0	0	41	0	0	15	0	0	3,102
	Pelata	120	112	0	0	56	0	0	0	0	0	0	1	0	0	289
	Selar Kuning	1,939	135	0	0	72	0	0	0	0	0	0	35	0	0	2,181
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selayang/Curut	608	694	0	0	0	0	0	0	0	0	0	0	0	0	1,302
	Ketang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	439	0	0	0	384	0	1	0	0	0	1	0	0	0	825
	Todak	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Tamban Sisek	0	124	0	0	771	0	0	0	0	0	0	0	0	0	895
	Tamban Buluh Bulat	2,740	649	0	0	27	0	0	0	0	0	0	0	0	0	3,416
	Tamban/ Cincang Rebung	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	Tamban Beluru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bilis/Bunga Air	3	0	0	0	42	0	23	0	0	32	0	0	0	0	100
	Parang-Parang	719	0	0	0	499	0	0	0	2	0	0	0	0	0	1,220
35	Bulan-Bulan	67	12	0	0	2	0	0	0	0	0	0	0	0	0	81
	Kayu/Tongkol/Aya Hitam	1	434	0	0	1,895	0	0	0	186	0	0	0	0	0	2,516
	Kayu/Tongkol/Aya Kurik	1	16	0	0	295	0	0	0	266	0	0	0	0	0	578

Samb.Dari Jadual 4.6.4

(Con't From 4.6.4)

	Kayu/Tongkol/Aya selaseh	4	700	0	0	916	0	0	0	230	0	0	0	0	0	1,850
	Layaran	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tenggiri	1,104	196	0	0	3,027	0	0	0	222	0	0	0	0	0	4,549
36	Kembong	1,783	593	0	0	1,109	0	0	0	0	0	0	0	0	0	3,485
	Pelaling/Temenong	3,281	111	0	0	64	0	0	0	0	0	0	0	0	0	3,456
	Timah/layor/Selayor	1,484	80	0	0	262	0	0	0	9	0	0	0	0	0	1,835
37	Yu	1,807	0	0	0	1,155	0	0	0	537	0	1	0	0	0	3,500
	Pari	6,126	0	0	0	329	0	27	0	147	14	15	0	0	0	6,658
	Ikan Baja	36,083	4	0	0	27	0	141	0	0	527	0	0	0	0	36,782
38	Ikan Campur	37,191	598	0	0	4,668	0	218	0	202	246	306	66	0	0	43,495
	Ketam Laut	2,073	0	0	0	393	0	1	0	0	0	0	0	0	0	2,467
	Ketam Renjong	1	0	0	0	0	0	2	235	0	2	2	0	0	0	242
	Ketam Batu	38	0	0	0	0	0	0	0	0	0	0	0	0	0	38
	Udang Karang	1,249	0	0	0	1	0	0	0	0	0	0	0	0	0	1,250
	Udang Lobok	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
	Udang harimau	987	0	0	0	0	0	0	0	0	0	0	0	0	0	987
42	Udang Putih Besar	526	0	0	0	465	0	1	0	0	4	6	0	0	4	1,006
45	Udang Putih Sedang	2,048	0	0	0	1,217	0	10	0	0	27	0	0	0	3	3,305
	Udang Putih Kecil	502	0	0	0	598	0	4	0	0	20	26	0	0	1	1,151
	Udang kaki Merah/Sua Lor	784	0	0	0	25	0	0	0	0	0	0	0	0	0	809
	Udang Merah Ros	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Udang Kulit Keras	575	0	0	0	1	0	0	0	0	31	0	0	0	0	607
	Udang Kuning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	0	0	0	0	0	0	0	106	0	0	0	0	106
	Udang Merah	3,088	0	0	0	10	0	0	0	0	816	0	0	0	0	3,914
56	Udang Pasir Besar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Udang Pasir Sedang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Pasir Kecil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Minyak	108	0	0	0	0	0	0	0	0	0	0	0	0	0	108
	Udang Minyak Jalur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Baring	3	0	0	0	68	0	45	0	0	164	0	22	0	0	302
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lain-lain Siput	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10
	Sotong Biasa/Cumit	6,554	65	0	0	35	0	0	0	0	0	0	0	0	0	6,654
	Sotong Katak	2,473	0	0	0	1	0	0	0	0	0	0	0	0	0	2,474
	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Ubur-Ubur	5	0	0	0	0	0	17	0	0	801	1,068	0	0	947	2,838
	Jumlah/*Total*	**148,715**	**5,046**	**0**	**0**	**27,551**	**0**	**643**	**235**	**4,358**	**2,887**	**1,996**	**222**	**12**	**955**	**192,620**

SABAH

PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 2003

(Tan Metrik/*Tonnes***)**

ISSCAAP GROUP NO.	Spesis: Nama Tempatan *Local Name*	**Pukat Tunda** Trawl Nets	**Pukat Jerut Ikan** Fish Purse Seines	**Pukat Jerut Bilis** Anchovy Purse Seines	**Pukat Tarik Lain** Other Seines	**Pukat Hanyut** *Drift/Gill Nets*	**Pukat Tangguk** *Lift Nets*	**Belat** *Stationary Traps*	**Bubu** *Portable Traps*	**Pancing** Hook & Line	**Pukat Bakul** Bag *Nets*	**Pukat Rentang** Barrire Nets	**Pukat Surung** Push/Scoop Net	**Memungut Siput** Shellfish Collection	**Rampaian** *Miscellaneous*	**Jumlah** Total
24	Kebasi Selangat	294	0	0	0	267	0	25	15	1	0	0	0	0	0	602
	Puput	2,831	0	0	0	11	0	0	0	0	0	0	0	0	0	2,842
	Beliak Mata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	0	0	0	0	269	0	23	53	771	0	0	0	0	5	1,121
31	Lidah	222	0	0	0	0	0	0	0	0	0	0	0	0	0	222
	Sebelah	470	0	0	0	5	0	32	0	0	0	0	0	0	0	507
33	Bayan	65	0	0	0	2	0	0	2	83	0	0	0	0	0	152
	Biji Nangka	206	0	0	0	0	0	1	6	0	0	0	0	0	0	213
	Baji-Baji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daun Baharu	69	0	0	0	45	0	0	0	80	0	0	0	0	7	201
	Delah/Pinang-Pinang	0	0	0	2	0	0	0	15	132	0	0	0	0	86	235
	Dengkis/Debam	189	3	0	80	143	12	44	106	101	0	0	0	0	20	698
	Duri/Pulutan/Utik	640	1	0	0	680	0	52	0	103	0	0	0	0	0	1,476
	Gelama/Tengkerong/Selampai	827	0	0	0	392	0	55	0	568	0	0	0	0	18	1,860
	Gerut-Gerut	189	0	0	0	153	0	12	0	94	0	0	0	0	0	448
	Jahan/Goh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jebong	207	0	0	0	8	0	0	0	0	0	0	0	0	27	242
	Jenahak	538	0	0	0	618	0	18	137	1,714	0	0	0	0	21	3,046
	Kaci	26	0	0	0	5	0	0	10	31	0	0	0	0	0	72
	Kapas Laut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerapu	465	0	0	0	456	0	34	205	2,445	0	0	0	0	29	3,634
	Kerisi	6,704	0	0	0	17	0	0	15	183	0	0	0	0	0	6,919
	kerisi Bali	88	0	0	0	273	0	0	9	667	0	0	0	0	0	1,037
	Kikek	240	5	0	0	82	78	15	0	0	0	0	0	0	2	422
	Lumi-Lumi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malong	865	0	0	0	0	0	0	0	332	0	0	0	0	0	1,197
	Merah	378	0	0	0	954	16	6	192	1,710	0	0	0	0	5	3,261
	Mengkerong/conor/Ubi-Ubi	2,636	0	0	0	0	0	0	0	0	0	0	0	0	0	2,636
	Puntung Damar/Bulus	100	3	0	0	35	0	0	0	4	0	0	0	0	0	142
	Pasir-Pasir/Timun-Timun	22	0	0	0	0	0	0	0	0	2	0	0	0	0	24
	Puyu Laut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelanduk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Samb.Dari Jadual 4.6.5

(Con't From 4.6.5)

	Pinang-Pinang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	119	0	0	0	5	0	21	49	1,004	0	0	0	0	0	0	1,198
	Selampai/Tembereh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	5	0	0	0	352	0	22	46	160	0	0	0	0	0	0	585
	Shrumbu/Lemah	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	6
	Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Temenggong/Lara Bara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aji-Aji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	1,294	141	0	0	37	210	55	0	1,538	0	0	0	0	86	0	3,361
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Hitam	364	2	0	0	424	189	16	0	0	0	0	0	0	0	0	995
	Bawal Putih	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Tambak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Selatan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belanak/Kedera	0	0	0	1	936	9	31	0	0	0	0	0	0	33	0	1,010
	Cermin/Sagai/Cupak	113	0	0	6	167	450	0	36	745	0	0	0	0	0	0	1,517
	Chaping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cincaru	761	4,343	0	0	122	639	0	0	38	0	0	0	0	5	0	5,908
	Demuduk/Rambai	1,797	67	0	3	530	627	24	59	2,084	0	0	0	0	104	0	5,295
	Gerong-Gerong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kurau/Senohong	16	0	0	0	517	0	25	0	193	0	0	0	0	0	0	751
	Senangin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Senangin Buis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerepoh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lolong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Loban	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelata	174	4,845	0	0	95	769	1	0	121	0	0	0	0	87	0	6,092
	Selar Kuning	520	55	0	0	19	9	0	0	1,352	0	0	0	0	0	0	1,955
	Pisang-Pisang	1	0	0	0	12	0	1	1	5	0	0	0	0	0	0	20
	Selayang/Curut	1,206	6,684	0	0	6	1669	0	0	35	0	0	0	0	0	0	9,600
	Ketang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	374	0	0	0	515	317	39	0	8	0	0	0	0	0	0	1,253
	Todak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tamban Sisek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tamban Buluh Bulat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tamban/ Cincang Rebung	0	7,516	0	0	1	2050	28	0	0	0	0	0	0	9	0	9,604
	Tamban Beluru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bilis/Bunga Air	8	26	2	0	0	2577	32	0	0	0	0	0	0	9	0	2,654
	Parang-Parang	220	2	0	0	9	0	0	0	0	0	0	0	0	0	0	231
35	Bulan-Bulan	18	5	0	0	5	0	13	0	1	0	0	0	0	0	0	42
	Kayu/Tongkol/Aya Hitam	0	9,077	0	48	817	0	0	0	870	0	0	0	0	5	0	10,817
	Kayu/Tongkol/Aya Kurik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Samb.Dari Jadual 4.6.5

(Con't From 4.6.5)

	Kayu/Tongkol/Aya selaseh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Layaran	0	0	0	0	144	0	0	0	5	0	0	0	0	0	149
	Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tenggiri	1,291	159	0	0	1,082	9	0	0	1,608	0	0	0	0	0	4,149
36	Kembong	1,607	6,117	0	0	43	729	25	0	1,338	0	0	0	0	28	9,887
	Pelaling/Temenong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Timah/layor/Selayor	437	85	0	0	37	44	0	0	48	0	0	0	0	0	651
37	Yu	838	0	0	0	582	0	0	0	458	0	0	0	0	0	1,878
	Pari	1,106	0	0	0	138	0	66	0	509	0	0	0	0	0	1,819
	Ikan Baja	11,994	167	0	0	0	0	0	0	0	0	0	0	0	0	12,161
38	Ikan Campur	3,710	2,564	0	365	524	489	39	63	2,122	0	0	0	0	188	10,064
	Ketam Laut	1,405	1	0	0	310	0	72	1,399	0	0	0	0	0	5	3,192
	Ketam Renjong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ketam Batu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Karang	266	0	0	0	15	0	0	0	0	0	0	0	0	14	295
	Udang Lobok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang harimau	319	0	0	0	103	0	4	0	0	0	0	0	0	4	430
42	Udang Putih Besar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Udang Putih Sedang	1,564	28	0	49	1,707	0	2	0	0	0	0	0	0	157	3,507
	Udang Putih Kecil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang kaki Merah/Sua Lor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah Ros	470	0	0	0	10	0	1	0	0	0	0	0	0	0	481
	Udang Kulit Keras	149	0	0	0	0	0	0	0	0	0	0	0	0	44	193
	Udang Kuning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Udang Pasir Besar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Udang Pasir Sedang	1,929	0	0	26	244	0	52	0	0	0	0	0	0	159	2,410
	Udang Pasir Kecil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Minyak	219	0	0	0	35	0	0	0	0	0	0	0	0	0	254
	Udang Minyak Jalur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	44	0	0	0	0	0	0	0	257	301
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kepah	372	0	0	0	0	0	0	0	0	0	0	0	170	23	565
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lain-lain Siput	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Biasa/Cumit	5,280	1,782	0	22	0	745	45	0	46	0	0	0	0	21	7,941
	Sotong Katak	2,437	22	0	0	0	214	0	0	3	0	0	0	0	5	2,681
	Sotong Kereta	319	0	0	0	0	0	0	0	14	0	0	0	0	0	333
77	Ubur-Ubur	27	0	0	0	0	0	0	0	0	0	0	0	0	798	825
	Jumlah/*Total*	**61,001**	**43,700**	**2**	**602**	**13,963**	**11,895**	**931**	**2,418**	**23,324**	**2**	**0**	**0**	**170**	**2,261**	**160,269**

LABUAN

PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 2003

LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 2003

(Tan Metrik/*Tonnes*)

ISSCAAP GROUP NO.	Spesis / Nama Tempatan *Local Name*	**Pukat Tunda** Trawl Nets	**Pukat Jerut Ikan** Fish Purse Seines	**Pukat Jerut Bilis** Anchovy Purse Seines	**Pukat Tarik Lain** Other Seines	**Pukat Hanyut** *Drift/Gill Nets*	**Pukat Tangguk** *Lift Nets*	**Belat** *Stationary Traps*	**Bubu** *Portable Traps*	**Pancing** Hook & Line	**Pukat Bakul** Bag *Nets*	**Pukat Rentang** Barrire Nets	**Pukat Surung** Push/Scoop Net	**Memungut Siput** Shellfish Collection	**Rampaian** *Miscellaneous*	**Jumlah** Total
24	Kebasi Selangat	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15
	Puput	10	0	0	0	10	0	0	0	0	0	0	0	0	0	20
	Beliak Mata	6	0	0	0	4	0	0	0	0	0	0	0	0	0	10
	Terubok	0	0	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	0	0	0	0
31	Lidah	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
	Sebelah	50	0	0	0	30	0	3	1	0	0	0	0	0	0	84
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	140	0	0	0	10	0	0	0	0	0	0	0	0	0	150
	Baji-Baji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daun Baharu	53	0	0	0	34	0	4	0	1	0	0	0	0	0	92
	Delah/Pinang-Pinang	33	0	0	0	36	0	4	4	58	0	0	0	0	0	135
	Dengkis/Debam	17	0	0	0	89	0	6	2	2	0	0	0	0	0	116
	Duri/Pulutan/Utik	43	0	0	0	48	0	4	1	0	0	0	0	0	0	96
	Gelama/Tengkerong/Selampai	151	0	0	0	0	0	3	0	1	0	0	0	0	0	155
	Gerut-Gerut	23	0	0	0	23	0	42	2	22	0	0	0	0	0	112
	Jahan/Goh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jebong	7	0	0	0	1	0	1	1	0	0	0	0	0	0	10
	Jenahak	28	0	0	0	0	0	0	4	33	0	0	0	0	0	65
	Kaci	27	0	0	0	16	0	3	2	47	0	0	0	0	0	95
	Kapas Laut	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
	Kerapu	36	0	0	0	23	0	3	4	105	0	0	0	0	0	171
	Kerisi	175	0	0	0	1	0	0	0	4	0	0	0	0	0	180
	kerisi Bali	47	0	0	0	0	0	0	0	136	0	0	0	0	0	183
	Kikek	74	0	0	0	34	0	5	0	0	0	0	0	0	0	113
	Lumi-Lumi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malong	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	Merah	65	0	0	0	1	0	1	4	147	0	0	0	0	0	218
	Mengkerong/conor/Ubi-Ubi	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Puntung Damar/Bulus	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Pasir-Pasir/Timun-Timun	11	0	0	0	16	0	3	1	0	0	0	0	0	0	31
	Puyu Laut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pelanduk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Samb.Dari Jadual 4.6.6

(Con't From 4.6.6)

	Pinang-Pinang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	63	0	0	0	30	0	6	3	36	0	0	0	0	0	0	138
	Selampai/Tembereh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Shrumbu/Lemah	1	0	0	0	15	0	3	0	0	0	0	0	0	0	0	19
	Tanda	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	24
	Temenggong/Lara Bara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aji-Aji	25	0	0	0	10	0	5	10	0	0	0	0	0	0	0	50
	Alu-Alu/Kacang-Kacang	51	14	0	0	21	8	1	0	0	0	0	0	0	0	0	95
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Hitam	20	20	0	0	2	38	0	0	0	0	0	0	0	0	0	80
	Bawal Putih	0	15	0	0	0	20	0	0	0	0	0	0	0	0	0	35
	Bawal Tambak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal Selatan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belanak/Kedera	0	0	0	0	16	0	3	1	0	0	0	0	0	0	0	20
	Cermin/Sagai/Cupak	96	32	0	0	79	0	4	5	93	0	0	0	0	0	0	309
	Chaping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cincaru	11	53	0	0	120	1	0	0	0	0	0	0	0	0	0	185
	Demuduk/Rambai	69	1	0	0	16	0	4	0	0	0	0	0	0	0	0	90
	Gerong-Gerong	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	20
	Kurau/Senohong	6	0	0	0	1	0	1	0	0	0	0	0	0	0	0	8
	Senangin	5	0	0	0	2	0	1	0	0	0	0	0	0	0	0	8
	Senangin Buis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kerepoh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lolong	20	5	0	0	5	0	0	0	0	0	0	0	0	0	0	30
	Loban	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Selar	60	5	0	0	35	0	0	0	0	0	0	0	0	0	0	100
	Pelata	60	7	0	0	25	0	0	0	0	0	0	0	0	0	0	92
	Selar Kuning	30	0	0	0	0	10	0	0	0	0	0	0	0	0	0	40
	Pisang-Pisang	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Selayang/Curut	32	67	0	0	1	58	0	0	0	0	0	0	0	0	0	158
	Ketang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	4	0	0	0	35	0	0	0	0	0	0	0	0	0	0	39
	Todak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tamban Sisek	5	40	0	0	1	54	0	0	0	0	0	0	0	0	0	100
	Tamban Buluh Bulat	0	20	0	0	0	40	0	0	0	0	0	0	0	0	0	60
	Tamban/ Cincang Rebung	2	8	0	0	0	18	0	0	0	0	0	0	0	0	0	28
	Tamban Beluru	14	10	0	0	6	30	0	0	0	0	0	0	0	0	0	60
	Bilis/Bunga Air	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
	Parang-Parang	7	1	0	0	2	0	0	0	0	0	0	0	0	0	0	10
35	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kayu/Tongkol/Aya Hitam	50	700	0	0	75	0	0	0	0	0	0	0	0	0	0	825
	Kayu/Tongkol/Aya Kurik	30	600	0	0	170	0	0	0	0	0	0	0	0	0	0	800

Samb.Dari Jadual 4.6.6

(Con't From 4.6.6)

	Kayu/Tongkol/Aya selaseh	89	500	0	0	150	0	0	0	0	0	0	0	0	0	739
	Layaran	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
	Mersuji	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15
	Tenggiri	84	11	0	0	107	0	0	0	47	0	0	0	0	0	249
36	Kembong	146	400	0	0	100	30	0	0	0	0	0	0	0	0	676
	Pelaling/Temenong	50	150	0	0	75	25	0	0	0	0	0	0	0	0	300
	Timah/layor/Selayor	3	0	0	0	3	0	0	0	0	0	0	0	0	0	6
37	Yu	93	0	0	0	28	0	0	0	3	0	0	0	0	0	124
	Pari	103	0	0	0	1	0	2	0	1	0	0	0	0	0	107
	Ikan Baja	898	37	0	0	0	0	0	0	0	0	0	0	0	0	935
38	Ikan Campur	384	39	0	0	42	1	7	6	46	0	0	0	0	0	525
	Ketam Laut	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20
	Ketam Renjong	0	0	0	0	10	0	5	0	0	0	0	0	0	0	15
	Ketam Batu	5	0	0	0	5	0	0	0	0	0	0	0	0	0	10
	Udang Karang	28	0	0	0	0	0	0	0	0	0	0	0	0	0	28
	Udang Lobok	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
	Udang harimau	64	0	0	0	0	0	0	0	0	0	0	0	0	0	64
42	Udang Putih Besar	80	0	0	0	0	0	0	0	0	0	0	0	0	0	80
45	Udang Putih Sedang	40	0	0	0	0	0	0	0	0	0	0	0	0	0	40
	Udang Putih Kecil	60	0	0	0	0	0	0	0	0	0	0	0	0	0	60
	Udang kaki Merah/Sua Lor	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50
	Udang Merah Ros	40	0	0	0	0	0	0	0	0	0	0	0	0	0	40
	Udang Kulit Keras	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50
	Udang Kuning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Udang Pasir Besar	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15
57	Udang Pasir Sedang	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15
	Udang Pasir Kecil	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
	Udang Minyak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Minyak Jalur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kupang/Siput Sudu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lain-lain Siput	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Biasa/Cumit	130	0	0	0	0	0	0	0	0	0	0	0	0	0	130
	Sotong Katak	150	0	0	0	0	0	0	0	0	0	0	0	0	0	150
	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah/*Total*	**4,340**	**2,735**	**0**	**8**	**1,615**	**333**	**124**	**51**	**806**	**0**	**0**	**0**	**0**	**0**	**10,012**

SEMENANJUNG MALAYSIA/ *PENINSULAR MALAYSIA*

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA IKAN MENGIKUT KELAS MUATAN DAN SPESIS, 2003

FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 2003

ISSCAAP GROUP NO.	Usaha Menangkap Ikan *Fishing Effort*	Jumlah/ *Total*	Kelas Muatan/*Tonnage Class*				
			0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above
	Cumulative numbers of Fishing Units	**59,310**	10,011	24,654	11,548	10,710	2,387
	Cumulative numbers of Trips	**668,020**	146,194	368,609	113,635	34,443	5,140
	Cumulative numbers of Days	**986,361**	145,889	385,386	205,341	201,808	47,936
	Cumulative numbers of Hauls	**3,239,557**	339,440	1,144,771	916,531	662,322	176,493
	Cumalative numbers of Hours	**9,309,228**	1,019,010	2,801,724	2,846,946	2,117,581	523,967
	Spesis/*Species*		**Tan Metrik/** *Tonnes*				
24	Kebasi Selangat	937	4	241	590	100	2
	Puput	198	0	119	32	35	11
	Beliak Mata	2,538	4	424	746	1,094	269
	Terubok	18	0	9	7	2	0
25	Siakap	45	0	14	20	10	0
31	Lidah	1,147	21	352	289	356	129
	Sebelah	578	4	142	232	165	35
33	Bayan	59	0	1	14	40	4
	Biji Nangka	9,055	13	446	1,752	4,213	2,630
	Baji-Baji	143	2	45	54	36	7
	Daun Baharu	133	0	43	59	23	7
	Delah/Pinang-Pinang	21	0	0	7	10	4
	Dengkis/Debam	276	12	50	81	116	17
	Duri/Pulutan/Utik	1,961	47	552	974	310	78
	Gelama/Tengkerong/Selampai	8,141	248	2,173	2,498	2,448	774
	Gerut-Gerut	434	0	71	180	127	57
	Jahan/Goh	411	0	12	130	186	84
	Jebong	1,488	0	75	344	607	462
	Jenahak	298	1	17	131	120	29
	Kaci	267	2	23	101	103	37
	Kapas Laut	478	3	161	158	116	39
	Kerapu	1,901	16	256	562	794	272
	Kerisi	12,831	17	852	3,339	5,985	2,638
	kerisi Bali	1,844	0	67	276	1,029	472
	Kikek	798	1	266	377	126	28
	Lumi-Lumi	380	3	242	73	56	7
	Malong	619	7	194	196	161	61
	Merah	485	3	30	148	194	109
	Mengkerong/conor/Ubi-Ubi	14,940	0	237	2,171	8,383	4,149
	Puntung Damar/Bulus	1,312	17	402	441	305	147
	Pasir-Pasir/Timun-Timun	756	3	170	264	239	81
	Puyu Laut	99	1	51	45	3	0
	Pelanduk	147	0	11	41	68	27

Samb.Dari Jadual 4.7

(Con't From 4.7)

	Pinang-Pinang	81	0	2	39	40	0
	Remong/Kunyit-Kunyit/Tanda	1,382	11	225	408	499	238
	Selampai/Tembereh	14	0	5	3	6	0
	Semilang	266	2	110	105	35	13
	Shrumbu/ Lemah	0	0	0	0	0	0
	Tanda	149	1	16	67	51	14
	Temenggong/Lara Bara	10,507	14	188	1,794	5,490	3,021
	Aji-Aji	812	1	48	222	394	147
	Alu-Alu/Kacang-Kacang	1,288	4	143	468	478	195
	Aruan Tasik	359	0	65	113	128	53
	Bawal Hitam	1,661	7	263	451	825	116
	Bawal Putih	1,149	12	549	484	96	8
	Bawal Tambak	336	1	134	169	29	4
	Bawal Selatan	365	0	228	115	21	0
	Belanak/Kedera	363	12	221	111	19	0
	Cermin/Sagai/Cupak	1,036	2	200	354	336	143
	Chaping	141	0	4	64	72	0
	Cincaru	3,745	3	149	1,273	1,759	561
	Demuduk/Rambai	443	0	18	112	238	74
	Gerong-Gerong	33	0	3	16	9	5
	Kurau/Senohong	46	0	7	21	16	1
	Senangin	417	3	206	168	39	1
	Senangin Buis	208	6	45	48	94	15
	Kerepoh	25	0	1	13	4	7
	Lolong	3,602	0	84	1,044	1,664	811
	Loban	6	0	0	5	0	0
	Selar	4,193	1	230	901	2,335	725
	Pelata	521	3	79	195	173	71
	Selar Kuning	3,920	5	207	1,388	1,784	536
	Pisang-Pisang	9	0	5	1	1	3
	Selayang/Curut	3,600	0	35	843	1,933	789
	Ketang	48	0	3	16	26	3
	Talang	351	2	62	190	87	10
	Todak	22	0	14	1	7	0
	Tamban Sisek	705	1	199	411	84	10
	Tamban Buluh Bulat	54	0	1	11	42	0
	Tamban/ Cincang Rebung	71	0	0	58	12	1
	Tamban Beluru	17	0	3	4	5	5
	Bilis/Bunga Air	473	1	211	195	53	11
	Parang-Parang	1,420	14	284	493	493	136
35	Bulan-Bulan	10	0	2	3	4	1
	Kayu/Tongkol/Aya Hitam	186	0	25	74	77	9
	Kayu/Tongkol/Aya Kurik	14	0	0	3	10	1

Samb.Dari Jadual 4.7

(Con't From 4.7)

	Kayu/Tongkol/Aya Selasih	0	0	0	0	0	0
	Layaran	1	0	0	0	0	1
	Mersuji	0	0	0	0	0	0
	Tenggiri	2,311	2	380	792	876	262
36	Kembong	7,367	24	764	2,896	2,893	790
	Pelaling/Temenong	16,015	2	2,497	8,500	4,164	851
	Timah/layor/Selayor	3,409	20	396	666	1,378	949
37	Yu	2,372	14	291	897	943	227
	Pari	6,353	109	972	1,936	2,634	703
	Ikan Baja	275,811	8,355	47,833	88,060	102,536	29,027
38	Ikan Campur	11,720	562	2,291	4,636	2,919	1,313
	Ketam Laut	2,148	169	710	512	557	200
	Ketam Renjong	1,285	121	370	479	278	37
	Ketam Batu	54	13	29	7	5	1
	Udang Karang	108	18	12	27	31	20
	Udang Lobok	374	4	20	158	148	45
	Udang harimau	372	33	113	132	84	10
42	Udang Putih Besar	1,518	195	800	406	102	15
45	Udang Putih Sedang	2,106	245	1,466	245	140	11
	Udang Putih Kecil	4,070	231	3,489	296	55	0
	Udang kaki Merah/Sua Lor	2,194	667	740	547	213	26
	Udang Merah Ros	397	334	52	11	0	0
	Udang Kulit Keras	1,236	157	959	98	10	12
	Udang Kuning	680	19	618	43	0	0
	Udang Cendana Rotan	3,008	752	2,011	184	49	12
	Udang Merah	342	17	239	70	16	0
56	Udang Pasir Besar	1	0	1	0	0	0
57	Udang Pasir Sedang	778	210	254	137	132	45
	Udang Pasir Kecil	1,464	140	482	447	324	70
	Udang Minyak	2,798	310	2,174	301	12	0
	Udang Minyak Jalur	69	47	13	8	1	0
	udang Ekor Biru	304	1	16	136	137	14
	Udang Susu	248	6	109	91	42	0
	Udang Baring	2,055	2,054	0	1	0	0
	Kupang/Siput Sudu	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0
	Lala	0	0	0	0	0	0
	Lain-lain Siput	94	0	3	29	41	21
	Sotong Biasa/Cumit	32,557	141	3,847	11,725	13,409	3,435
	Sotong Katak	16,971	445	2,782	5,294	6,518	1,931
	Sotong Kereta	954	21	181	433	264	54
77	Ubur-Ubur	1,128	108	1,020	0	0	0
	Jumlah/*Total*	513,457	16,078	89,960	158,990	187,941	60,489

PANTAI BARAT SEMENANJUNG MALAYSIA/*WEST COAST PENINSULAR MALAYSIA*

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA IKAN MENGIKUT KELAS MUATAN DAN SPESIS, 2003

FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 2003

ISSCAAP GROUP NO.	Usaha Menangkap Ikan *Fishing Effort*	Jumlah/ *Total*	Kelas Muatan/*Tonnage Class*				
			0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above
	Cumulative numbers of Fishing Units	**46,336**	8,329	20,896	8,492	7,469	1,150
	Cumulative numbers of Trips	**572,727**	121,510	319,856	101,272	27,115	2,974
	Cumulative numbers of Days	**764,929**	121,122	330,067	151,186	139,218	23,337
	Cumulative numbers of Hauls	**2,300,313**	273,549	965,659	581,957	405,828	73,320
	Cumalative numbers of Hours	**6,515,182**	823,917	2,305,642	1,847,508	1,331,857	206,258
	Spesis/*Species*		**Tan Metrik/** *Tonnes*				
24	Kebasi Selangat	937	4	241	590	100	2
	Puput	198	0	119	32	35	11
	Beliak Mata	2,502	4	401	735	1,093	269
	Terubok	18	0	9	7	2	0
25	Siakap	41	0	12	19	10	0
31	Lidah	971	7	274	232	336	121
	Sebelah	305	1	84	126	78	14
33	Bayan	8	0	1	5	2	0
	Biji Nangka	6,336	4	280	1,018	2,960	2,074
	Baji-Baji	110	1	42	46	20	1
	Daun Baharu	69	0	35	25	9	1
	Delah/Pinang-Pinang	2	0	0	1	1	0
	Dengkis/Debam	4	0	0	0	2	2
	Duri/Pulutan/Utik	1,496	11	386	824	234	40
	Gelama/Tengkerong/Selampai	6,402	148	1,833	1,867	1,892	661
	Gerut-Gerut	382	0	65	155	108	54
	Jahan/Goh	35	0	4	5	19	7
	Jebong	470	0	28	180	103	158
	Jenahak	264	1	17	122	103	22
	Kaci	37	0	3	16	14	4
	Kapas Laut	46	2	15	21	5	3
	Kerapu	886	4	149	246	366	121
	Kerisi	7,287	3	379	1,451	3,831	1,622
	kerisi Bali	456	0	36	32	375	13
	Kikek	192	0	11	152	27	2
	Lumi-Lumi	380	3	242	73	56	7
	Malong	497	2	166	168	121	40
	Merah	84	1	12	23	34	13
	Mengkerong/conor/Ubi-Ut	10,392	0	192	1,300	5,721	3,178
	Puntung Damar/Bulus	781	1	281	230	151	117
	Pasir-Pasir/Timun-Timun	6	0	4	1	2	0
	Puyu Laut	99	1	51	45	3	0
	Pelanduk	55	0	7	20	17	11

Samb.Dari Jadual 4.7.1

(Con't From 4.7.1)

	Pinang-Pinang	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	119	0	20	51	40	8
	Selampai/Tembereh	8	0	5	2	1	0
	Semilang	205	1	110	63	23	9
	Shrumbu/ Lemah	0	0	0	0	0	0
	Tanda	112	0	14	55	37	6
	Temenggong/Lara Bara	1,494	0	35	126	717	616
	Aji-Aji	438	0	31	103	228	77
	Alu-Alu/Kacang-Kacang	539	1	90	229	155	65
	Aruan Tasik	142	0	56	35	41	10
	Bawal Hitam	1,418	5	232	372	729	80
	Bawal Putih	1,098	5	524	469	94	6
	Bawal Tambak	333	1	134	167	28	3
	Bawal Selatan	365	0	228	115	21	0
	Belanak/Kedera	362	12	221	111	18	0
	Cermin/Sagai/Cupak	237	0	73	58	88	17
	Chaping	141	0	4	64	72	0
	Cincaru	2,621	3	127	927	1,181	383
	Demuduk/Rambai	306	0	13	66	178	48
	Gerong-Gerong	9	0	0	2	4	3
	Kurau/Senohong	43	0	6	20	16	1
	Senangin	403	3	200	162	38	1
	Senangin Buls	201	6	45	46	89	14
	Kerepoh	25	0	1	13	4	7
	Lolong	988	0	27	194	478	290
	Loban	5	0	0	5	0	0
	Selar	2,426	0	161	403	1,493	368
	Pelata	509	3	75	190	170	71
	Selar Kuning	660	4	50	238	274	93
	Pisang-Pisang	7	0	5	1	1	0
	Selayang/Curut	2,022	0	26	542	1,134	320
	Ketang	45	0	3	14	25	3
	Talang	288	0	51	154	77	7
	Todak	22	0	14	1	7	0
	Tamban Sisek	687	1	196	400	82	7
	Tamban Buluh Bulat	54	0	1	11	42	0
	Tamban/ Cincang Rebung	71	0	0	58	12	1
	Tamban Beluru	8	0	1	0	2	4
	Bilis/Bunga Air	365	1	209	152	2	1
	Parang-Parang	738	2	198	211	274	52
35	Bulan-Bulan	6	0	2	1	3	0
	Kayu/Tongkol/Aya Hitam	129	0	6	50	68	5
	Kayu/Tongkol/Aya Kurik	11	0	0	1	9	1

Samb.Dari Jadual 4.7.1

(Con't From 4.7.1)

	Kayu/Tongkol/Aya Selasih	0	0	0	0	0	0
	Layaran	1	0	0	0	0	1
	Mersuji	0	0	0	0	0	0
	Tenggiri	1,455	1	333	446	523	152
36	Kembong	5,286	24	748	2,325	1,799	391
	Pelaling/Temenong	15,790	0	2,464	8,358	4,125	842
	Timah/layor/Selayor	2,473	3	300	390	991	787
37	Yu	819	3	165	228	355	67
	Pari	2,742	17	388	597	1,332	409
	Ikan Baja	173,476	6,030	36,574	54,681	62,750	13,441
38	Ikan Campur	3,997	424	1,500	792	760	522
	Ketam Laut	1,817	144	628	412	461	171
	Ketam Renjong	491	51	188	161	87	4
	Ketam Batu	11	4	5	2	0	0
	Udang Karang	20	14	0	0	4	2
	Udang Lobok	0	0	0	0	0	0
	Udang harimau	217	15	54	86	54	9
42	Udang Putih Besar	1,152	70	670	316	86	10
45	Udang Putih Sedang	1,950	165	1,394	241	140	11
	Udang Putih Kecil	3,937	199	3,400	284	54	0
	Udang kaki Merah/Sua Lor	1,393	444	470	278	182	19
	Udang Merah Ros	397	334	52	11	0	0
	Udang Kulit Keras	1,028	143	827	37	9	12
	Udang Kuning	680	19	618	43	0	0
	Udang Cendana Rotan	2,990	735	2,011	184	49	12
	Udang Merah	339	17	239	67	16	0
56	Udang Pasir Besar	1	0	1	0	0	0
57	Udang Pasir Sedang	735	209	226	123	132	45
	Udang Pasir Kecil	492	75	320	34	41	21
	Udang Minyak	2,443	163	1,999	272	9	0
	Udang Minyak Jalur	58	46	9	3	1	0
	udang Ekor Biru	0	0	0	0	0	0
	Udang Susu	245	6	107	90	42	0
	Udang Baring	1,989	1,988	0	1	0	0
	Kupang/Siput Sudu	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0
	Lala	0	0	0	0	0	0
	Lain-lain Siput	4	0	0	4	0	0
	Sotong Biasa/Cumit	19,015	86	2,662	7,200	7,440	1,628
	Sotong Katak	8,802	264	1,613	2,226	3,611	1,087
	Sotong Kereta	718	15	156	336	185	27
77	Ubur-Ubur	1,128	108	1,020	0	0	0
	Jumlah/*Total*	319,499	12,064	69,714	95,880	111,027	30,814

PANTAI TIMUR SEMENANJUNG MALAYSIA/*EAST COAST PENINSULAR MALAYSIA*

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA IKAN MENGIKUT KELAS MUATAN DAN SPESIS, 2003

FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 2003

ISSCAAP GROUP NO.	Usaha Menangkap Ikan *Fishing Effort*	Jumlah/ *Total*	Kelas Muatan/*Tonnage Class*				
			0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above
	Cumulative numbers of Fishing Units	**12,974**	1,682	3,758	3,056	3,241	1,237
	Cumulative numbers of Trips	**95,293**	24,684	48,753	12,363	7,328	2,166
	Cumulative numbers of Days	**221,432**	24,767	55,319	54,155	62,590	24,600
	Cumulative numbers of Hauls	**939,244**	65,891	179,112	334,574	256,494	103,173
	Cumalative numbers of Hours	**2,794,046**	195,093	496,082	999,438	785,724	317,709
	Spesis/*Species*	**Tan Metrik/ *Tonnes***					
24	Kebasi Selangat	0	0	0	0	0	0
	Puput	0	0	0	0	0	0
	Beliak Mata	36	0	23	11	2	
	Terubok	0	0	0	0	0	0
25	Siakap	3	0	2	1	1	0
31	Lidah	176	14	77	57	20	7
	Sebelah	274	3	58	105	86	21
33	Bayan	51	0	0	9	38	3
	Biji Nangka	2,719	9	166	734	1,253	557
	Baji-Baji	33	1	3	8	15	6
	Daun Baharu	63	0	8	35	15	6
	Delah/Pinang-Pinang	19	0	0	6	9	4
	Dengkis/Debam	272	12	50	81	114	16
	Duri/Pulutan/Utik	465	36	166	150	75	38
	Gelama/Tengkerong/Selampai	1,739	99	340	631	556	113
	Gerut-Gerut	52	0	5	25	19	3
	Jahan/Goh	376	0	7	125	167	77
	Jebong	1,018	0	46	164	504	304
	Jenahak	34	0	0	10	17	7
	Kaci	230	2	20	85	89	34
	Kapas Laut	432	2	146	137	111	36
	Kerapu	1,015	12	107	315	428	152
	Kerisi	5,544	14	473	1,888	2,154	1,016
	kerisi Bali	1,388	0	31	244	654	459
	Kikek	606	1	255	226	98	26
	Lumi-Lumi	0	0	0	0	0	0
	Malong	122	5	27	28	40	21
	Merah	401	2	18	125	160	96
	Mengkerong/conor/Ubi-Ubi	4,549	0	45	871	2,662	971
	Puntung Damar/Bulus	531	16	121	211	153	30
	Pasir-Pasir/Timun-Timun	749	3	166	263	236	81
	Puyu Laut	0	0	0	0	0	0
	Pelanduk	92	0	4	21	51	16

Samb.Dari Jadual 4.7.2

(Con't From 4.7.2)

	Pinang-Pinang	80	0	2	39	39	0
	Remong/Kunyit-Kunyit/Tanda	1,263	11	205	358	459	230
	Selampai/Tembereh	7	0		2	5	0
	Semilang	61	0	0	43	13	4
	Shrumbu/ Lemah	0	0	0	0	0	0
	Tanda	37	0	2	12	15	8
	Temenggong/Lara Bara	9,013	14	153	1,668	4,772	2,405
	Aji-Aji	373	1	17	119	166	71
	Alu-Alu/Kacang-Kacang	749	3	53	239	323	131
	Aruan Tasik	217	0	9	77	87	44
	Bawal Hitam	243	2	31	80	96	35
	Bawal Putih	52	7	25	16	2	1
	Bawal Tambak	3	0	0	2	1	0
	Bawal Selatan	0	0	0	0	0	0
	Belanak/Kedera	1	0	0	0	0	0
	Cermin/Sagai/Cupak	799	2	128	295	248	126
	Chaping	0	0	0	0	0	0
	Cincaru	1,123	0	21	345	579	178
	Demuduk/Rambai	137	0	5	46	60	26
	Gerong-Gerong	24	0	3	14	5	2
	Kurau/Senohong	3	0	1	2	0	0
	Senangin	13	1	6	7	1	0
	Senangin Buis	7	0	0	2	4	1
	Kerepoh	0	0	0	0	0	0
	Lolong	2,614	0	57	850	1,186	521
	Loban	0	0	0	0	0	0
	Selar	1,767	1	69	498	842	357
	Pelata	12	0	4	6	3	
	Selar Kuning	3,260	0	157	1,150	1,510	443
	Pisang-Pisang	2	0	0	0	0	2
	Selayang/Curut	1,578	0	9	301	799	469
	Ketang	4	0	0	2	1	0
	Talang	63	1	11	36	11	4
	Todak	0	0	0	0	0	0
	Tamban Sisek	19	0	3	11	2	3
	Tamban Buluh Bulat	0	0	0	0	0	0
	Tamban/ Cincang Rebung	0	0	0	0	0	0
	Tamban Beluru	10	0	2	4	4	1
	Bilis/Bunga Air	107	0	2	43	51	11
	Parang-Parang	682	12	85	282	219	84
35	Bulan-Bulan	4	0	0	2	1	1
	Kayu/Tongkol/Aya Hitam	57	0	20	24	9	4
	Kayu/Tongkol/Aya Kurik	4	0	0	2	2	

Samb.Dari Jadual 4.7.2

(Con't From 4.7.2)

	Kayu/Tongkol/Aya Selasih	0	0	0	0	0	0
	Layaran	0	0	0	0	0	0
	Mersuji	0	0	0	0	0	0
	Tenggiri	856	1	47	345	353	110
36	Kembong	2,081	0	17	570	1,094	399
	Pelaling/Temenong	225	2	33	142	39	9
	Timah/layor/Selayor	936	16	95	276	387	162
37	Yu	1,554	11	126	669	588	160
	Pari	3,611	92	585	1,339	1,301	294
	Ikan Baja	102,335	2,325	11,259	33,379	39,786	15,586
38	Ikan Campur	7,723	138	791	3,845	2,158	791
	Ketam Laut	332	24	82	100	96	29
	Ketam Renjong	794	70	181	318	191	33
	Ketam Batu	43	9	24	6	5	1
	Udang Karang	88	5	11	27	27	18
	Udang Lobok	374	4	20	158	148	45
	Udang harimau	155	19	59	46	29	1
42	Udang Putih Besar	366	124	131	90	16	5
45	Udang Putih Sedang	157	81	72	4	0	0
	Udang Putih Kecil	133	31	89	12	0	0
	Udang kaki Merah/Sua Lor	801	223	271	269	31	7
	Udang Merah Ros	0	0	0	0	0	0
	Udang Kulit Keras	208	14	132	61	1	0
	Udang Kuning	0	0	0	0	0	0
	Udang Cendana Rotan	18	17	1	0	0	0
	Udang Merah	3	0	0	3	0	0
56	Udang Pasir Besar	0	0	0	0	0	0
57	Udang Pasir Sedang	43	0	29	14	0	0
	Udang Pasir Kecil	972	65	162	413	283	49
	Udang Minyak	354	147	175	29	3	0
	Udang Minyak Jalur	11	1	5	5	0	0
	udang Ekor Biru	304	1	16	136	137	14
	Udang Susu	3	0	2	1	0	0
	Udang Baring	67	67	0	0	0	0
	Kupang/Siput Sudu	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0
	Lala	0	0	0	0	0	0
	Lain-lain Siput	90	0	3	25	41	21
	Sotong Biasa/Cumit	13,542	55	1,186	4,525	5,969	1,807
	Sotong Katak	8,169	181	1,169	3,069	2,907	844
	Sotong Kereta	235	7	25	97	79	27
77	Ubur-Ubur	0	0	0	0	0	0
	Jumlah/*Total*	193,958	4,014	20,246	63,109	76,915	29,674

SEMENANJUNG MALAYSIA/ *PENINSULAR MALAYSIA*

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN MENGIKUT KELAS MUATAN DAN SPESIS, 2003

FISHING EFFORT AND LANDINGS OF FISH PURSE SEINE BY TONNAGE CLASS AND SPECIES, 2003

ISSCAAP GROUP NO.	Usaha Menangkap Ikan *Fishing Effort*	Jumlah/ *Total*	Kelas Muatan/*Tonnage Class*				
			0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above
	Cumulative numbers of Fishing Units	**6,201**	19	1,024	2,388	1,627	1,143
	Cumulative numbers of Trips	**62,653**	242	14,633	33,059	12,152	2,567
	Cumulative numbers of Days	**98,786**	242	15,378	38,515	25,520	19,131
	Cumulative numbers of Hauls	**285,316**	543	41,440	86,317	75,857	81,159
	Cumalative numbers of Hours	**731,013**	898	85,916	224,143	182,336	237,720
	Spesis/*Species*		**Tan Metrik/** *Tonnes*				
24	Kebasi Selangat	0	0	0	0	0	0
	Puput	11	0	0	0	11	0
	Beliak Mata	200	0	0	200	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
	Baji-Baji	0	0	0	0	0	0
	Daun Baharu	1	0	0	1	0	0
	Delah/Pinang-Pinang	4	0	4	0	0	0
	Dengkis/Debam	0	0	0	0	0	0
	Duri/Pulutan/Utik	910	21	461	205	223	0
	Gelama/Tengkerong/Selampai	76	0	0	76	0	0
	Gerut-Gerut	3	0	0	0	3	0
	Jahan/Goh	0	0	0	0	0	0
	Jebong	25	0	0	0	18	6
	Jenahak	3	0	0	0	3	0
	Kaci	0	0	0	0	0	0
	Kapas Laut	0	0	0	0	0	0
	Kerapu	0	0	0	0	0	0
	Kerisi	4	0	0	0	0	4
	kerisi Bali	0	0	0	0	0	0
	Kikek	49	0	11	0	25	13
	Lumi-Lumi	0	0	0	0	0	0
	Malong	0	0	0	0	0	0
	Merah	11	0	1	0	0	10
	Mengkerong/conor/Ubi-Ubi	0	0	0	0	0	0
	Puntung Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
	Puyu Laut	0	0	0	0	0	0
	Pelanduk	0	0	0	0	0	0

Samb.Dari Jadual 4.8

(Con't From 4.8)

	Pinang-Pinang	1	0	0	0	1	1
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Selampai/Tembereh	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/ Lemah	0	0	0	0	0	0
	Tanda	0	0	0	0	0	0
	Temenggong/Lara Bara	251	0	0	140	83	29
	Aji-Aji	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	124	0	54	19	30	21
	Aruan Tasik	1	0	0	0	0	1
	Bawal Hitam	411	1	201	61	35	113
	Bawal Putih	0	0	0	0	0	0
	Bawal Tambak	0	0	0	0	0	0
	Bawal Selatan	0	0	0	0	0	0
	Belanak/Kedera	0	0	0	0	0	0
	Cermin/Sagai/Cupak	411	0	135	173	71	32
	Chaping	0	0	0	0	0	0
	Cincaru	6,833	0	447	2,269	2,145	1,973
	Demuduk/Rambai	165	0	32	19	4	111
	Gerong-Gerong	11	0	9	3	0	0
	Kurau/Senohong	0	0	0	0	0	0
	Senangin	0	0	0	0	0	0
	Senangin Buis	0	0	0	0	0	0
	Kerepoh	43	0	0	5	38	0
	Lolong	16,141	0	1,915	3,346	7,955	2,924
	Loban	0	0	0	0	0	0
	Selar	9,611	4	817	2,989	4,011	1,791
	Pelata	770	0	0	275	495	0
	Selar Kuning	4,604	6	228	262	3,782	326
	Pisang-Pisang	169	0	0	15	153	0
	Selayang/Curut	63,824	0	1,468	17,108	21,673	23,576
	Ketang	3	0	0	0	0	3
	Talang	44	0	4	15	20	5
	Todak	7	0	7	0	0	0
	Tamban Sisek	20,272	0	1,755	3,895	12,266	2,355
	Tamban Buluh Bulat	1,156	0	0	322	834	0
	Tamban/ Cincang Rebung	130	0	121	7	0	1
	Tamban Beluru	3,085	0	405	391	1,497	792
	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	25	0	9	13	3	0
35	Bulan-Bulan	0	0	0	0	0	0
	Kayu/Tongkol/Aya Hitam	25,409	0	471	9,977	5,436	9,526
	Kayu/Tongkol/Aya Kurik	7,526	0	1,371	1,487	1,844	2,824

Samb.Dari Jadual 4.8

(Con't From 4.8)

	Kayu/Tongkol/Aya Selasih	611	0	0	11	0	601
	Layaran	16	0	0	7	10	0
	Mersuji	0	0	0	0	0	0
	Tenggiri	696	0	110	372	195	18
36	Kembong	13,973	0	1,183	4,850	6,541	1,399
	Pelaling/Temenong	21,536	0	3,172	17,593	756	15
	Timah/layor/Selayor	216	0	87	75	37	18
37	Yu	1	0	0	0	1	0
	Pari	3	0	0	0	3	0
	Ikan Baja	7,285	520	655	3,987	2,102	20
38	Ikan Campur	4,564	3	1,008	1,723	1,041	789
	Ketam Laut	0	0	0	0	0	0
	Ketam Renjong	0	0	0	0	0	0
	Ketam Batu	0	0	0	0	0	0
	Udang Karang	0	0	0	0	0	0
	Udang Lobok	0	0	0	0	0	0
	Udang harimau	0	0	0	0	0	0
42	Udang Putih Besar	0	0	0	0	0	0
45	Udang Putih Sedang	0	0	0	0	0	0
	Udang Putih Kecil	264	0	82	181	0	0
	Udang kaki Merah/Sua Lor	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 Kuning	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	0	0	0	0
	Udang Merah	0	0	0	0	0	0
56	Udang Pasir Besar	0	0	0	0	0	0
57	Udang Pasir Sedang	0	0	0	0	0	0
	Udang Pasir Kecil	0	0	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Minyak Jalur	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0
	Kupang/Siput Sudu	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0
	Lala	0	0	0	0	0	0
	Lain-lain Siput	0	0	0	0	0	0
	Sotong Biasa/Cumit	1,200	0	348	423	351	78
	Sotong Katak	0	0	0	0	0	0
	Sotong Kereta	0	0	0	0	0	0
77	Ubur-Ubur	0	0	0	0	0	0
	Jumlah/*Total*	212,689	554	16,569	72,496	73,697	49,373

Jadual (*Table*) 4.8.1

PANTAI BARAT SEMENANJUNG MALAYSIA/ *WEST COAST PENINSULAR MALAYSIA*

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN MENGIKUT KELAS MUATAN DAN SPESIS, 2003

FISHING EFFORT AND LANDINGS OF FISH PURSE SEINE BY TONNAGE CLASS AND SPECIES, 2003

ISSCAAP GROUP NO.	Usaha Menangkap Ikan *Fishing Effort*	Jumlah/ *Total*	Kelas Muatan/*Tonnage Class*				
			0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above
	Cumulative numbers of Fishing Units	**2,458**	12	180	1,788	478	0
	Cumulative numbers of Trips	**30,682**	168	2,334	25,485	2,695	0
	Cumulative numbers of Days	**42,198**	168	2,588	29,560	9,881	0
	Cumulative numbers of Hauls	**68,050**	383	6,399	51,676	9,592	0
	Cumalative numbers of Hours	**204,819**	572	16,580	151,009	36,658	0
	Spesis/*Species*	**Tan Metrik/** *Tonnes*					
24	Kebasi Selangat	0	0	0	0	0	0
	Puput	11	0	0	0	11	0
	Beliak Mata	200	0	0	200	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
	Baji-Baji	0	0	0	0	0	0
	Daun Baharu	0	0	0	0	0	0
	Delah/Pinang-Pinang	0	0	0	0	0	0
	Dengkis/Debam	0	0	0	0	0	0
	Duri/Pulutan/Utik	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	76	0	0	76	0	0
	Gerut-Gerut	0	0	0	0	0	0
	Jahan/Goh	0	0	0	0	0	0
	Jebong	0	0	0	0	0	0
	Jenahak	3	0	0	0	3	0
	Kaci	0	0	0	0	0	0
	Kapas Laut	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	23	0	0	0	23	0
	Lumi-Lumi	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
	Puntung Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
	Puyu Laut	0	0	0	0	0	0
	Pelanduk	0	0	0	0	0	0

Samb.Dari Jadual 4.8.1

(Con't From 4.8.1)

	Pinang-Pinang	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Selampai/Tembereh	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/ Lemah	0	0	0	0	0	0
	Tanda	0	0	0	0	0	0
	Temenggong/Lara Bara	0	0	0	0	0	0
	Aji-Aji	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	0	0	0	0	0	0
	Aruan Tasik	0	0	0	0	0	0
	Bawal Hitam	40	0	0	11	29	0
	Bawal Putih	0	0	0	0	0	0
	Bawal Tambak	0	0	0	0	0	0
	Bawal Selatan	0	0	0	0	0	0
	Belanak/Kedera	0	0	0	0	0	0
	Cermin/Sagai/Cupak	0	0	0	0	0	0
	Chaping	0	0	0	0	0	0
	Cincaru	2,458	0	0	2,059	399	0
	Demuduk/Rambai	0	0	0	0	0	0
	Gerong-Gerong	0	0	0	0	0	0
	Kurau/Senohong	0	0	0	0	0	0
	Senangin	0	0	0	0	0	0
	Senangin Buis	0	0	0	0	0	0
	Kerepoh	43	0	0	5	38	0
	Lolong	2,679	0	0	997	1,682	0
	Loban	0	0	0	0	0	0
	Selar	2,463	0	0	1,976	486	0
	Pelata	770	0	0	275	495	0
	Selar Kuning	71	0	0	45	25	0
	Pisang-Pisang	168	0	0	15	153	0
	Selayang/Curut	20,265	0	0	12,724	7,541	0
	Ketang	0	0	0	0	0	0
	Talang	34	0	0	14	20	0
	Todak	0	0	0	0	0	0
	Tamban Sisek	1,487	0	0	561	926	0
	Tamban Buluh Bulat	1,155	0	0	322	832	0
	Tamban/ Cincang Rebung	128	0	121	7	0	0
	Tamban Beluru	12	0	0	12	0	0
	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	0	0	0	0	0	0
35	Bulan-Bulan	0	0	0	0	0	0
	Kayu/Tongkol/Aya Hitam	12,227	0	0	9,273	2,954	0
	Kayu/Tongkol/Aya Kurik	761	0	0	629	132	0

Samb.Dari Jadual 4.8.1

(Con't From 4.8.1)

	Kayu/Tongkol/Aya Selasih	11	0	0	11	0	0
	Layaran	16	0	0	7	10	0
	Mersuji	0	0	0	0	0	0
	Tenggiri	370	0	0	223	147	0
36	Kembong	4,899	0	0	3,271	1,628	0
	Pelaling/Temenong	21,362	0	3,118	17,593	651	0
	Timah/layor/Selayor	16	0	0	0	16	0
37	Yu	0	0	0	0	0	0
	Pari	0	0	0	0	0	0
	Ikan Baja	7,050	520	655	3,987	1,888	0
38	Ikan Campur	1,528	1	103	848	576	0
	Ketam Laut	0	0	0	0	0	0
	Ketam Renjong	0	0	0	0	0	0
	Ketam Batu	0	0	0	0	0	0
	Udang Karang	0	0	0	0	0	0
	Udang Lobok	0	0	0	0	0	0
	Udang harimau	0	0	0	0	0	0
42	Udang Putih Besar	0	0	0	0	0	0
45	Udang Putih Sedang	0	0	0	0	0	0
	Udang Putih Kecil	264	0	82	181	0	0
	Udang kaki Merah/Sua Lor	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 Kuning	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	0	0	0	0
	Udang Merah	0	0	0	0	0	0
56	Udang Pasir Besar	0	0	0	0	0	0
57	Udang Pasir Sedang	0	0	0	0	0	0
	Udang Pasir Kecil	0	0	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Minyak Jalur	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0
	Kupang/Siput Sudu	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0
	Lala	0	0	0	0	0	0
	Lain-lain Siput	0	0	0	0	0	0
	Sotong Biasa/Cumit	62	0	0	37	25	0
	Sotong Katak	0	0	0	0	0	0
	Sotong Kereta	0	0	0	0	0	0
77	Ubur-Ubur	0	0	0	0	0	0
	Jumlah/*Total*	80,653	521	4,080	55,361	20,692	0

PANTAI TIMUR SEMENANJUNG MALAYSIA/ *EAST COAST PENINSULAR MALAYSIA*

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT IKAN MENGIKUT KELAS MUATAN DAN SPESIS, 2003

FISHING EFFORT AND LANDINGS OF FISH PURSE SEINE BY TONNAGE CLASS AND SPECIES, 2003

ISSCAAP GROUP NO.	Usaha Menangkap Ikan *Fishing Effort*	Jumlah/ *Total*	Kelas Muatan/*Tonnage Class*				
			0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above
	Cumulative numbers of Fishing Units	**3,743**	7	844	600	1,149	1,143
	Cumulative numbers of Trips	**31,971**	74	12,299	7,574	9,457	2,567
	Cumulative numbers of Days	**56,588**	74	12,790	8,955	15,639	19,131
	Cumulative numbers of Hauls	**217,266**	160	35,041	34,641	66,265	81,159
	Cumalative numbers of Hours	**526,194**	326	69,336	73,134	145,678	237,720
	Spesis/*Species*	**Tan Metrik/** *Tonnes*					
24	Kebasi Selangat	0	0	0	0	0	0
	Puput	0	0	0	0	0	0
	Beliak Mata	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
	Baji-Baji	0	0	0	0	0	0
	Daun Baharu	1	0	0	1	0	0
	Delah/Pinang-Pinang	4	0	4	0	0	0
	Dengkis/Debam	0	0	0	0	0	0
	Duri/Pulutan/Utik	910	21	461	205	223	0
	Gelama/Tengkerong/Selampai	0	0	0	0	0	0
	Gerut-Gerut	3	0	0	0	3	0
	Jahan/Goh	0	0	0	0	0	0
	Jebong	25	0	0	0	18	6
	Jenahak	0	0	0	0	0	0
	Kaci	0	0	0	0	0	0
	Kapas Laut	0	0	0	0	0	0
	Kerapu	0	0	0	0	0	0
	Kerisi	4	0	0	0	0	4
	kerisi Bali	0	0	0	0	0	0
	Kikek	26	0	11	0	3	13
	Lumi-Lumi	0	0	0	0	0	0
	Malong	0	0	0	0	0	0
	Merah	11	0	1	0	0	10
	Mengkerong/conor/Ubi-Ubi	0	0	0	0	0	0
	Puntung Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
	Puyu Laut	0	0	0	0	0	0
	Pelanduk	0	0	0	0	0	0

Samb.Dari Jadual 4.8.2

(Con't From 4.8.2)

	Pinang-Pinang	1	0	0	0	1	1
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Selampai/Tembereh	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/ Lemah	0	0	0	0	0	0
	Tanda	0	0	0	0	0	0
	Temenggong/Lara Bara	251	0	0	140	83	29
	Aji-Aji	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	124	0	54	19	30	21
	Aruan Tasik	1	0	0	0	0	1
	Bawal Hitam	370	1	201	50	6	113
	Bawal Putih	0	0	0	0	0	0
	Bawal Tambak	0	0	0	0	0	0
	Bawal Selatan	0	0	0	0	0	0
	Belanak/Kedera	0	0	0	0	0	0
	Cermin/Sagai/Cupak	411	0	135	173	71	32
	Chaping	0	0	0	0	0	0
	Cincaru	4,375	0	447	210	1,746	1,973
	Demuduk/Rambai	165	0	32	19	4	111
	Gerong-Gerong	11	0	9	3	0	0
	Kurau/Senohong	0	0	0	0	0	0
	Senangin	0	0	0	0	0	0
	Senangin Buis	0	0	0	0	0	0
	Kerepoh	0	0	0	0	0	0
	Lolong	13,462	0	1,915	2,349	6,273	2,924
	Loban	0	0	0			
	Selar	7,148	4	817	1,013	3,524	1,791
	Pelata	0	0	0	0	0	0
	Selar Kuning	4,533	6	228	217	3,757	326
	Pisang-Pisang	0	0	0	0	0	0
	Selayang/Curut	43,559	0	1,468	4,384	14,131	23,576
	Ketang	3	0	0	0	0	3
	Talang	10	0	4	1	0	5
	Todak	7	0	7	0	0	0
	Tamban Sisek	18,785	0	1,755	3,334	11,340	2,355
	Tamban Buluh Bulat	1	0	0	0	1	0
	Tamban/ Cincang Rebung	1	0	0	0	0	1
	Tamban Beluru	3,073	0	405	379	1,497	792
	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	25	0	9	13	3	0
35	Bulan-Bulan	0	0	0	0	0	0
	Kayu/Tongkol/Aya Hitam	13,182	0	471	704	2,482	9,526
	Kayu/Tongkol/Aya Kurik	6,765	0	1,371	858	1,712	2,824

Samb.Dari Jadual 4.8.2

(Con't From 4.8.2)

	Kayu/Tongkol/Aya Selasih	601	0	0	0	0	601
	Layaran	0	0	0	0	0	0
	Mersuji	0	0	0	0	0	0
	Tenggiri	326	0	110	149	48	18
36	Kembong	9,074	0	1,183	1,579	4,913	1,399
	Pelaling/Temenong	174	0	54	0	105	15
	Timah/layor/Selayor	200	0	87	75	21	18
37	Yu	1	0	0	0	1	0
	Pari	3	0	0	0	3	0
	Ikan Baja	235	0	0	0	215	20
38	Ikan Campur	3,036	2	905	875	465	789
	Ketam Laut	0	0	0	0	0	0
	Ketam Renjong	0	0	0	0	0	0
	Ketam Batu	0	0	0	0	0	0
	Udang Karang	0	0	0	0	0	0
	Udang Lobok	0	0	0	0	0	0
	Udang harimau	0	0	0	0	0	0
42	Udang Putih Besar	0	0	0	0	0	0
45	Udang Putih Sedang	0	0	0	0	0	0
	Udang Putih Kecil	0	0	0	0	0	0
	Udang kaki Merah/Sua Lor	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 Kuning	0	0	0	0	0	0
	Udang Cendana Rotan	0	0	0	0	0	0
	Udang Merah	0	0	0	0	0	0
56	Udang Pasir Besar	0	0	0	0	0	0
57	Udang Pasir Sedang	0	0	0	0	0	0
	Udang Pasir Kecil	0	0	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Minyak Jalur	0	0	0	0	0	0
	udang Ekor Biru	0	0	0	0	0	0
	Udang Susu	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0
	Kupang/Siput Sudu	0	0	0	0	0	0
	Siput Retak Seribu	0	0	0	0	0	0
	Kepah	0	0	0	0	0	0
	Lala	0	0	0	0	0	0
	Lain-lain Siput	0	0	0	0	0	0
	Sotong Biasa/Cumit	1,139	0	348	386	327	78
	Sotong Katak	0	0	0	0	0	0
	Sotong Kereta	0	0	0	0	0	0
77	Ubur-Ubur	0	0	0	0	0	0
	Jumlah/*Total*	132,035	34	12,489	17,135	53,005	49,373

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

BILANGAN KUMULATIF UNIT OPERASI MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 2003

CUMMULATIVE NUMBER OF FISHING UNITS BY TYPE OF GEAR AND STATE, 2003

Jenis Perkakas *Type Of Gear*	Pukat Tunda *Trawl Net*					Pukat Tarik *(Seine Net)*										Pukat Tarik Lain *Other Seine*	Pukat Hanyut *Drift/ Gill Net*	Pukat Tangguk *Lift Net*	Perangkap *Traps*		Pancing *Hook& Line*	Pukat Bakul *Bag Net*	Pukat Rentang *Barrier Net*	Pukat Surung *Push/ Scoop Net*	Memungut Siput *Shellfish Collection*	Rampaian *Miscellaneous*
						Pukat Jerut Ikan *Fish Purse Seine*					Pukat Jerut Bilis *Anchovy Purse Seine*								Belat *Stationary Traps*	Bubu *Portable Traps*						
	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT & *Above*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT & *Above*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT & *Above*											
Pantai Barat/*West Coast:*																										
Perlis	498	1128	671	994	209	-	-	132	824	414	-	-	-	-	-	-	5592	-	-	-	-	-	1055	-	276
Kedah	4224	2232	2460	1115	60	-	-	-	85	43	-	-	-	-	648	246	31556	-	48	177	1306	1512	324	1800	143	1560
Pulau Pinang	-	-	828	172	6	-	-	48	14	-	-	-	-	-	-	843	22490	-	-	164	1910	236	1182	91	-	1125
Perak	1546	10370	1804	3881	875	-	12	-	698	21	-	-	-	88	-	4183	19808	-	-	188	4447	2112	1107	5437	411	3223
Selangor	1884	5706	2672	1307	-	-	-	-	167		-	-	-	-	-	160	28176	-	64	707	5664	1891	594	1595	510	50
N.Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	2563	-	-	90	81	-	-	-	-	-
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10860	-	-	60	1596	-	-	1440	-	-
Johor Barat *(West Johor)*	177	1460	57	-	-	-	-	-	-	-	-	-	-	-	-	-	25758	-	230	972	295	289	297	2273	-	1063
Jumlah Kecil	8,329	20,896	8,492	7,469	1,150	-	12	180	1,788	478	-	-	-	88	648	5,515	146,803	-	342	2,358	15,299	6,040	3,504	13,691	1,064	7,297
Pantai Timur/*East Coast*																										
Kelantan	-	1268	368	442	251	-	-	-	88	877	8	52	-	-	-	-	2240	305	168	127	919	-	-	-	-	527
Terengganu	412	1227	416	65	30	7	794	544	389	189	11	57	16	-	-	-	5354	150	-	2756	8590	-	-	-	-	-
Pahang	670	458	958	1167	743	-	7	9	370	54	-	24	-	27	-	-	4930	10	-	927	1039	-	-	-	-	-
Johor Timur *(East Johor)*	600	805	1314	1567	213	-	43	47	302	23	-	-	-	-	-	-	2186	-	112	305	1163	334	-	-	-	255
Jumlah Kecil	1,682	3,758	3,056	3,241	1,237	7	844	600	1,149	1,143	19	133	16	27	-	-	14,710	465	280	4,115	11,711	334	-	-	-	782
Jumlah Besar	10,011	24,654	11,548	10,710	2,387	7	856	780	2,937	1,621	19	133	16	115	648	5,515	161,513	465	622	6,473	27,010	6,374	3,504	13,691	1,064	8,079

** GRT: Gross Registered Tonnage*

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

USAHA MENANGKAP IKAN : BILANGAN TRIP MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 2003

FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR AND STATE, 2003

Jenis Perkakas *Type Of Gear*	Pukat Tunda *Trawl Nets*					Pukat Jerut Ikan *Fish Purse Seines*					Pukat Jerut Bilis *Anchovy Purse Seines*					Pukat Tarik Lain *Other Seines*	Pukat Hanyut *Drift/ Gill Nets*	Pukat Tangguk *Lift Nets*	Belat *Stationary Traps*	Bubu *Portable Traps*	Pancing *Hook& Line*
	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*						
Pantai Barat/*West Coast:*																					
Perlis	4,236	9,560	1,362	1,565	357	-	-	1,815	9,323	1,849	-	-	-	-	-	-	74,803	-	-	-	-
Kedah	65,500	34,990	27,160	5,012	256	-	-	-	1,305	667	-	-	-	-	10,840	3,337	403,864	-	438	2,167	10,439
Pulau Pinang	-	-	15,088	996	28	-	-	519	178		-	-	-	-	-	18,205	317,921	-	-	2,632	22,737
Perak	26,247	165,906	23,787	11,295	2,333	-	168	-	11,594	179	-	-	-	4,386	-	78,651	310,092	-	-	3,039	62,642
Selangor	23,381	91,068	33,251	8,247		-	-	-	3,085		-	-	-	-	-	1,798	392,122	-	1,081	7,130	53,283
Negeri Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	452	24,818	-	-	180	569
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138,886	-	-	120	19,684
Johor Barat	2,146	18,332	623	-	-	-	-	-	-	-	-	-	-	-	-	-	380,150	-	9,200	18,864	3,754
(West Johor)																					
Jumlah Kecil	121,510	319,856	101,272	27,115	2,974	-	168	2,334	25,485	2,695	-	-	-	4,386	10,840	102,443	2,042,656	-	10,719	34,132	173,108
Pantai Timur/*East Coast*																					
Kelantan	-	14,530	1,310	582	251	-	-	-	226	1,638	56	584	-	-	-	-	24,672	3,287	2,632	622	5,083
Terengganu	5,338	19,624	1,665	176	31	74	11,918	7,092	3,090	555	212	757	248	-	-	-	77,321	1,011	-	25,881	107,248
Pahang	10,501	5,782	5,504	2,441	1,426	-	100	144	4,188	236	-	369	-	679	-	-	87,850	212	-	12,813	8,033
Johor Timur	8,845	8,817	3,884	4,129	458	-	281	338	1,953	138	-	-	-	-	-	-	40,913	-	1,568	3,529	13,618
(East Johor)																					
Jumlah Kecil	24,684	48,753	12,363	7,328	2,166	74	12,299	7,574	9,457	2,567	268	1,710	248	679	-	-	230,756	4,510	4,200	42,845	133,982
Jumlah Besar	146,194	368,609	113,635	34,443	5,140	74	12,467	9,908	34,942	5,262	268	1,710	248	5,065	10,840	102,443	2,273,412	4,510	14,919	76,976	307,089

** GRT: Gross Registered Tonnage*

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

USAHA MENANGKAP IKAN : BILANGAN HARI MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 2003

FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR AND STATE, 2003

Jenis Perkakas *Type Of Gear*	Pukat Tunda *Trawl Nets*					Pukat Jerut Ikan *Fish Purse Seines*					Pukat Jerut Bilis *Anchovy Purse Seines*					Pukat Tarik Lain *Other Seines*	Pukat Hanyut *Drift/ Gill Nets*	Pukat Tangguk *Lift Nets*	Belat *Stationary Traps*	Bubu *Portable Traps*	Pancing *Hook& Line*
	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*						
Pantai Barat/*West Coast:*																					
Perlis	4,236	14,668	10,921	18,574	4,231	-	-	1,815	13,075	8,845	-	-	-	-	-	-	78,210	-	-	-	-
Kedah	65,500	34,990	44,864	19,970	860	-	-	-	1,360	708	-	-	-	-	10,840	3,337	404,004	-	365	2,167	10,439
Pulau Pinang	-	-	15,105	3,367	89	-	-	773	178	-	-	-	-	-	-	18,205	317,921	-	-	2,776	22,737
Perak	26,247	168,502	31,911	73,391	18,157	-	168	-	11,709	328	-	-	-	2,193	-	78,669	313,461	-	-	3,315	63,753
Selangor	22,996	93,575	47,822	23,916	-	-	-	-	3,239		-	-	-	-	-	1,798	395,280	-	1,141	8,279	53,847
Negeri Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	452	24,824	-	-	570	569
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138,886	-	-	120	19,684
Johor Barat	2,143	18,332	561	-	-	-	-	-	-	-	-	-	-	-	-	-	380,150	-	4,600	18,864	3,754
(West Johor)																					
Jumlah Kecil	121,122	330,067	151,186	139,218	23,337	-	168	2,588	29,560	9,881	-	-	-	2,193	10,840	102,461	2,052,735	-	6,106	36,091	174,783
Pantai Timur/*East Coast*																					
Kelantan	-	14,530	5,013	6,853	4,544	-	-	-	1,272	14,866	56	584	-	-	-	-	24,672	3,535	2,541	1,880	10,723
Terengganu	5,398	20,191	7,433	1,326	516	74	12,148	8,259	6,009	3,180	212	757	240	-	-	-	77,322	1,352	-	40,645	121,610
Pahang	10,501	7,839	18,398	24,358	15,514	-	100	144	4,188	724	-	369	-	679	-	-	87,850	212	-	16,457	19,932
Johor Timur	8,868	12,759	23,311	30,053	4,026	-	542	552	4,170	361	-	-	-	-	-	-	41,956	-	1,568	4,883	21,362
(East Johor)																					
Jumlah Kecil	24,767	55,319	54,155	62,590	24,600	74	12,790	8,955	15,639	19,131	268	1,710	240	679	-	-	231,800	5,099	4,109	63,865	173,627
Jumlah Besar	145,889	385,386	205,341	201,808	47,936	74	12,958	11,543	45,199	29,012	268	1,710	240	2,872	10,840	102,461	2,284,535	5,099	10,215	99,955	348,409

** GRT: Gross Registered Tonnage*

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

USAHA MENANGKAP IKAN : BILANGAN KALI MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 2003

FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR AND STATE, 2003

Jenis Perkakas *Type Of Gear*	Pukat Tunda *Trawl Nets*					Pukat Jerut Ikan *Fish Purse Seines*					Pukat Jerut Bilis *Anchovy Purse Seines*					Pukat Tarik Lain *Other Seines*	Pukat Hanyut *Drift/ Gill Nets*	Pukat Tangguk *Lift Nets*
	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*			
Pantai Barat/*West Coast:*																		
Perlis	8,845	62,510	23,973	46,372	8,518	-	-	3,619	23,115	7,374	-	-	-	-	-	-	138,594	-
Kedah	171,249	105,090	253,995	79,163	2,510	-	-	-	2,714	1,741	-	-	-	-	22,572	27,996	792,649	-
Pulau Pinang	-	-	45,885	9,264	278	-	-	2,780	444		-	-	-	-	-	254,801	878,270	-
Perak	52,494	497,718	126,863	223,365	62,014	-	383	-	22,318	477	-	-	-	8,772	-	165,344	1,111,250	-
Selangor	36,669	263,452	129,878	47,664	-	-	-	-	3,085		-	-	-	-	-	67,074	1,640,244	-
Negeri Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,962	53,185	-
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137,489	-
Johor Barat	4,292	36,889	1,363	-	-	-	-	-	-	-	-	-	-	-	-	-	636,298	-
(West Johor)																		
Jumlah Kecil	273,549	965,659	581,957	405,828	73,320	-	383	6,399	51,676	9,592	-	-	-	8,772	22,572	517,177	5,387,979	-
Pantai Timur/*East Coast*																		
Kelantan	-	41,254	20,320	15,392	9,782	-	-	-	2,247	20,931	184	1,848	-	-	-	-	69,201	10,809
Terengganu	16,694	64,585	94,624	26,846	29,268	160	34,065	33,546	45,570	57,515	1,060	2,926	632	-	-	-	220,136	6,662
Pahang	31,503	20,326	112,202	81,753	47,352	-	200	432	12,564	2,283	-	1,041	-	1,562	-	-	254,634	636
Johor Timur	17,694	52,947	107,428	132,503	16,771	-	776	663	5,884	430	-	-	-	-	-	-	195,976	-
(East Johor)																		
Jumlah Kecil	65,891	179,112	334,574	256,494	103,173	160	35,041	34,641	66,265	81,159	1,244	5,815	632	1,562	-	-	739,947	18,107
Jumlah Besar	339,440	1,144,771	916,531	662,322	176,493	160	35,424	41,040	117,941	90,751	1,244	5,815	632	10,334	22,572	517,177	6,127,926	18,107

* *GRT: Gross Registered Tonnage*

Jadual *(Table)* 5.4

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

USAHA MENANGKAP IKAN : JUMLAH MASA (JAM) MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 2003

FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR AND STATE, 2003

Jenis Perkakas *Type Of Gear*	Pukat Tunda *Trawl Nets*					Pukat Jerut Ikan *Fish Purse Seines*					Pukat Jerut Bilis *Anchovy Purse Seines*					Pukat Tarik Lain *Other Seines*	Pukat Hanyut *Drift/ Gill Nets*	Pukat Tangguk *Lift Nets*
	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*	0 -9.9 *GRT*	10 -24.9 *GRT*	25 -39.9 *GRT*	40-69.9 *GRT*	70GRT *& keatas*			
Pantai Barat/*West Coast:*																		
Perlis	26535	187530	71919	139116	25554	-	-	14476	92460	29496	-	-	-	-	-	-	515536	-
Kedah	495006	315270	920040	317024	10590	-	-	-	9956	6700	-	-	-	-	68,202	6886	806929	-
Pulau Pinang	-	-	138828	40257	1112	-	-	2104	872	-	-	-	-	-	-	129055	1185982	-
Perak	192106	995436	377763	688335	169002	-	572	-	44636	462	-	-	-	8,772	-	474668	2358412	-
Selangor	97394	696739	334869	147125	-	-	-	-	3085		-	-	-	-	-	7616	1270496	-
Negeri Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2705	124068	-
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	552226	-
Johor Barat *(West Johor)*	12876	110667	4089	-	-	-	-	-	-	-	-	-	-	-	-	-	896404	-
Jumlah Kecil	823,917	2,305,642	1,847,508	1,331,857	206,258	-	572	16,580	151,009	36,658	-	-	-	8,772	68,202	620,930	7,710,053	-
Pantai Timur/*East Coast*																		
Kelantan	-	82508	62724	62124	39444	-	-	-	4894	48076	336	3,536	-	-	-	-	143904	21538
Terengganu	46862	193755	277824	80832	85896	326	68130	70492	91140	181935	1,060	5,733	1,576	-	-	-	482576	6722
Pahang	94509	60978	336606	245259	142056	-	430	1296	37692	6849	-	2,136	-	3,124	-	-	652044	1908
Johor Timur *(East Johor)*	53722	158841	322284	397509	50313	-	776	1346	11952	860	-	-	-	-	-	-	268822	-
Jumlah Kecil	195,093	496,082	999,438	785,724	317,709	326	69,336	73,134	145,678	237,720	1,396	11,405	1,576	3,124	-	-	1,547,346	30,168
Jumlah Besar	1,019,010	2,801,724	2,846,946	2,117,581	523,967	326	69,908	89,714	296,687	274,378	1,396	11,405	1,576	11,896	68,202	620,930	9,257,399	30,168

** GRT: Gross Registered Tonnage*

Jadual *(Table)* **6.1**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
HARGA PURATA IKAN DIPANTAI MENGIKUT BULAN, 2003
MONTHLY AVERAGE EX-VESSEL PRICES OF FRESH FISH,2003
HARGA DALAM RM/KG/*PRICES AT RM/KG*

Spesis *Species* / **Nama Tempatan** *Local Name*	**Januari** *January*	**Febuari** *February*	**Mac** *March*	**April** *April*	**Mei** *May*	**Jun** *June*	**Julai** *July*	**Ogos** *August*	**September** *September*	**Oktober** *October*	**November** *November*	**Disember** *December*	**Purata 2003** *Average 2003*
Kebasi Selangat	1.62	1.34	1.43	1.32	1.28	1.25	1.34	1.43	1.33	1.48	1.50	1.53	1.41
Puput	3.48	0.82	0.82	0.77	0.76	0.72	0.86	0.84	0.84	0.88	0.83	0.82	1.03
Beliak Mata	1.44	1.47	1.33	1.27	1.34	1.29	1.30	1.29	1.27	1.26	1.23	1.38	1.32
Terubok	8.00	6.79	7.45	7.97	8.08	8.33	8.22	7.48	8.14	8.19	8.01	8.04	7.89
Siakap	10.61	10.05	9.11	10.05	10.55	10.77	10.44	10.49	10.53	10.60	10.30	10.67	10.35
Lidah	2.32	2.40	2.45	2.44	2.37	2.52	2.41	2.44	2.42	2.37	2.43	2.57	2.43
Sebelah	4.15	4.12	4.12	4.29	4.24	4.20	4.39	4.37	4.31	4.20	4.35	4.30	4.25
Bayan	6.03	4.88	4.53	3.90	4.83	4.28	4.30	5.32	4.53	4.19	4.96	4.68	4.70
Biji Nangka	1.29	1.21	1.26	1.21	1.17	1.15	1.27	1.24	1.42	1.31	1.20	1.30	1.25
Baji-Baji	1.02	1.06	1.03	0.93	1.03	0.86	1.06	1.03	0.86	1.08	0.88	0.92	0.98
Daun Baharu	3.20	3.27	3.26	3.22	3.37	3.26	3.30	3.29	3.21	3.29	3.22	3.30	3.26
Delah/Pinang-Pinang	6.18	6.28	5.65	6.30	6.41	6.26	6.63	6.80	6.04	6.80	6.00	6.55	6.32
Dengkis/Debam	2.59	2.22	2.49	2.15	2.23	2.48	2.41	2.51	2.44	2.50	2.65	2.55	2.43
Duri/Pulutan/Utik	2.32	2.47	2.40	2.30	2.31	2.22	2.29	2.38	2.31	2.38	2.40	2.45	2.35
Gelama/Tengkerong/Selampai	2.45	2.48	2.42	2.62	2.58	2.38	2.45	2.41	2.49	2.33	2.34	2.55	2.46
Gerut-Gerut	7.29	7.41	7.34	7.18	7.68	7.56	7.83	7.60	7.49	7.60	7.40	7.00	7.45
Jahan/Goh	3.11	2.86	3.04	3.13	3.49	3.46	3.59	3.14	4.03	3.86	4.16	3.86	3.48
Jebong	1.98	1.90	1.97	1.85	1.92	1.92	2.68	2.64	1.93	2.08	2.06	2.19	2.09
Jenahak	12.05	11.53	12.65	12.31	12.82	12.42	12.81	12.78	12.06	11.95	11.99	11.87	12.27
Kaci	5.69	5.86	5.73	5.65	5.89	6.26	5.52	5.85	5.71	5.47	8.01	5.93	5.96
Kapas Laut	2.27	2.33	2.00	2.20	2.58	2.32	2.53	2.10	2.03	2.29	2.15	2.66	2.29
Kerapu	13.65	13.80	14.10	13.42	13.39	13.61	13.52	13.71	13.58	13.33	13.48	13.67	13.61
Kerisi	3.64	3.41	3.47	3.31	3.45	3.35	3.32	3.35	3.06	3.17	3.27	3.41	3.35
kerisi Bali	5.16	5.63	5.54	5.55	5.14	5.62	4.97	4.94	5.00	5.30	5.22	5.84	5.32
Kikek	1.62	1.56	1.49	1.36	1.34	1.42	1.39	1.40	1.36	1.44	1.46	1.57	1.45
Lumi-Lumi	1.26	1.36	1.25	1.22	1.22	1.37	1.01	1.02	1.17	1.26	1.11	0.62	1.16
Malong	2.26	2.13	2.11	2.17	2.34	2.26	2.42	2.31	2.27	2.39	2.28	2.38	2.28
Merah	9.24	9.18	9.38	9.21	8.86	9.28	9.32	9.18	9.07	9.38	9.17	9.39	9.22
Mengkerong/conor/Ubi-Ubi	0.61	0.61	0.66	0.69	0.63	0.62	0.68	0.69	0.63	0.66	0.65	0.69	0.65
Puntung Damar/Bulus	3.97	4.27	3.99	4.01	3.93	3.84	3.89	3.83	3.70	3.81	3.68	3.57	3.87
Pasir-Pasir/Timun-Timun	1.84	1.74	1.63	1.53	1.86	1.48	1.79	1.99	1.80	1.80	1.75	1.74	1.75
Puyu Laut	2.96	3.35	3.70	3.75	3.86	3.85	3.59	3.61	3.41	3.70	3.41	3.37	3.55
Pelanduk	3.18	3.68	2.95	3.25	2.70	3.38	3.05	3.71	3.44	3.36	3.24	3.51	3.29

Samb.Dari Jadual 6.1

(Con't From 6.1)

Pinang-Pinang	4.27	4.67	4.54	4.04	3.44	5.25	3.75	3.00	5.25	1.75	2.00	2.00	3.66
Remong/Kunyit-Kunyit/Tanda	3.33	3.39	3.46	3.15	2.87	3.42	2.69	3.77	4.02	3.68	4.27	3.64	3.47
Selampai/Tembereh	4.61	4.04	4.04	4.10	3.78	4.29	4.13	3.90	3.44	5.02	3.23	3.53	4.01
Semilang	7.32	7.43	7.27	7.42	7.42	7.59	7.61	7.93	7.65	7.92	7.75	8.05	7.61
Shrumbu Lemah	3.00	5.20	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90
Tanda	6.32	6.07	6.23	6.02	6.25	5.87	6.50	6.62	6.53	6.53	6.56	6.61	6.34
Temenggong/Lara Bara	0.79	0.75	0.84	0.76	0.74	0.78	0.80	0.78	0.79	0.80	0.82	0.89	0.80
Aji-Aji	5.22	5.03	5.21	4.92	4.92	4.93	5.19	5.21	5.11	5.20	4.92	5.13	5.08
Alu-Alu/Kacang-Kacang	2.89	2.92	2.96	2.94	2.85	2.84	2.94	3.02	2.84	2.96	2.88	2.90	2.91
Aruan Tasik	2.44	2.46	2.45	2.51	2.71	2.61	2.69	2.82	2.59	2.72	2.66	2.65	2.61
Bawal Hitam	10.60	9.99	9.62	9.77	9.68	9.33	10.00	10.16	9.72	9.88	9.94	9.82	9.88
Bawal Putih	24.01	23.93	20.76	19.72	19.48	19.12	21.65	21.55	20.84	21.08	20.79	22.45	21.28
Bawal Tambak	39.91	38.63	36.61	34.62	34.13	34.39	37.87	37.81	37.73	37.92	36.30	37.96	36.99
Bawal Selatan	3.16	3.14	2.81	3.31	3.17	3.14	3.54	3.16	2.74	3.15	2.74	2.76	3.07
Belanak/Kedera	2.68	2.67	2.76	2.71	2.85	2.70	2.74	2.68	2.84	2.74	2.64	2.70	2.73
Cermin/Sagai/Cupak	5.21	5.32	5.36	5.54	5.40	5.81	5.56	6.01	5.40	5.53	5.58	6.07	5.57
Chaping	6.00	6.50	6.00	6.00	6.00	10.00	10.00	10.00	6.00	6.00	6.00	10.00	7.38
Cincaru	2.55	2.35	2.34	2.49	2.43	2.52	2.49	2.51	2.37	2.41	2.65	2.66	2.48
Demuduk/Rambai	6.49	6.21	6.04	5.39	5.32	6.02	5.96	6.19	6.26	6.35	5.16	6.35	5.98
Gerong-Gerong	6.30	5.34	5.43	5.31	5.31	4.95	6.02	5.19	5.67	5.73	5.75	5.93	5.58
Kurau/Senohong	15.85	14.74	14.42	14.37	14.48	15.06	15.98	16.32	15.92	15.67	15.92	16.42	15.43
Senangin	11.85	12.37	12.04	12.04	12.42	12.03	12.43	12.29	11.78	12.03	11.99	12.33	12.13
Senangin Buis	4.03	4.10	4.25	4.52	4.39	4.35	3.86	5.09	4.85	3.77	4.83	4.89	4.41
Kerepoh	6.62	6.60	6.62	6.64	6.59	6.66	6.35	6.30	6.37	6.61	6.41	6.62	6.53
Lolong	1.94	1.92	1.78	1.76	1.76	1.85	1.88	2.05	1.87	1.84	1.82	2.04	1.87
Loban	4.55	4.55	4.55	4.55	5.00	4.90	3.25	2.98	2.63	5.00	2.38	5.00	4.11
Selar	3.53	3.48	3.40	3.45	3.48	3.61	3.44	3.55	3.33	3.43	3.40	3.40	3.46
Pelata	1.85	1.95	1.84	1.75	1.66	1.65	1.81	1.76	1.72	1.62	1.75	1.77	1.76
Selar Kuning	2.17	2.01	1.96	2.04	2.11	2.03	2.09	1.96	2.08	2.22	2.11	1.93	2.06
Pisang-Pisang	2.67	2.88	2.89	3.06	3.30	3.12	3.06	2.57	2.51	3.01	3.18	2.88	2.93
Selayang/Curut	2.08	1.81	1.84	1.78	1.87	1.81	1.94	1.93	1.81	1.88	1.96	1.92	1.89
Ketang	2.80	2.80	5.77	5.77	5.44	4.95	5.90	4.18	3.48	3.76	4.60	6.58	4.67
Talang	2.81	2.52	2.44	2.47	2.30	2.31	2.42	2.45	2.41	2.35	2.55	2.58	2.47
Todak	2.33	1.82	1.76	1.51	1.71	1.50	1.90	1.76	1.72	1.58	1.97	1.98	1.79
Tamban Sisek	1.05	1.10	1.00	0.96	1.03	1.01	1.11	1.06	1.04	1.07	1.06	1.11	1.05
Tamban Buluh Bulat	1.21	1.21	1.24	1.23	1.11	1.23	1.20	1.21	1.27	1.23	1.27	1.49	1.24
Tamban/ Cincang Rebung	1.92	1.68	1.67	1.67	1.50	1.67	1.50	1.67	1.60	1.44	1.80	1.60	1.64
Tamban Beluru	2.31	2.39	2.53	2.18	2.03	1.96	2.30	1.96	2.09	2.16	2.24	2.06	2.18
Bilis/Bunga Air	1.85	2.01	1.98	1.94	2.03	2.01	2.09	2.05	2.06	2.08	1.69	1.77	1.96
Parang-Parang	6.94	7.38	7.12	7.05	7.12	7.06	7.33	7.33	6.99	7.17	7.04	7.24	7.15
Bulan-Bulan	3.80	4.68	3.03	1.60	3.17	1.45	1.67	1.67	1.50	1.25	1.50	1.58	2.24
Kayu/Tongkol/Aya Hitam	2.83	2.82	2.72	2.62	2.84	2.67	2.78	2.90	2.68	2.64	2.78	2.87	2.76
Kayu/Tongkol/Aya Kurik	2.65	2.80	2.66	2.58	2.64	2.66	2.67	2.72	2.45	2.53	2.58	2.54	2.62

Samb.Dari Jadual 6.1

(Con't From 6.1)

Kayu/Tongkol/Aya Selasih	2.83	2.83	2.66	2.83	2.37	2.50	2.66	2.00	2.33	2.66	2.00	2.07	2.48
Layaran	0.65	0.65	0.65	0.65	0.65	0.68	0.69	1.85	0.71	0.70	0.67	0.65	0.77
Mersuji	1.50	1.95	1.95	1.95	2.00	2.00	2.00	1.60	1.95	2.45	2.00	2.00	1.95
Tenggiri	10.83	10.95	10.90	10.70	10.76	10.67	10.98	11.06	10.86	11.19	11.01	10.87	10.90
Kembong	4.71	4.65	4.57	4.38	4.57	4.41	4.49	4.63	4.33	4.24	4.40	4.39	4.48
Pelaling/Temenong	2.08	2.05	1.92	1.97	2.05	1.96	1.95	1.89	1.73	1.86	1.77	1.82	1.92
Timah/layor/Selayor	2.12	2.01	2.02	1.95	1.97	2.02	1.90	2.02	1.98	2.24	2.05	2.05	2.03
Yu	2.83	2.61	2.70	2.68	2.75	2.68	2.50	2.52	2.80	2.80	2.67	2.54	2.67
Pari	3.26	3.32	3.36	3.47	3.37	3.35	3.35	3.38	3.33	3.53	3.44	3.51	3.39
Ikan Baja	0.24	0.25	0.25	0.26	0.25	0.27	0.27	0.26	0.26	0.26	0.26	0.27	0.26
Ikan Campur	1.51	1.50	1.48	1.47	1.48	1.48	1.46	1.43	1.43	1.45	1.45	1.53	1.47
Ketam Laut	5.35	5.25	5.23	5.19	5.20	5.09	5.23	4.91	4.86	4.98	5.21	5.88	5.20
Ketam Renjong	7.46	7.58	7.33	7.39	7.41	7.37	7.28	7.30	7.16	7.22	7.31	7.36	7.35
Ketam Batu	10.61	9.94	9.76	9.90	11.18	10.01	10.70	10.87	9.78	10.78	9.83	10.05	10.28
Udang Karang	27.77	25.42	25.19	26.35	28.68	27.80	29.80	29.90	27.09	27.09	26.19	26.44	27.31
Udang Lobok	15.27	16.25	13.08	13.66	13.00	12.97	20.52	14.92	12.37	10.91	13.69	11.25	13.99
Udang harimau	30.98	28.67	28.66	29.25	28.65	29.80	28.74	29.65	29.83	31.07	30.69	29.71	29.64
Udang Putih Besar	32.80	30.65	30.78	29.44	29.93	28.42	30.99	30.77	30.41	29.60	29.73	30.60	30.34
Udang Putih Sedang	20.20	20.40	20.34	20.03	18.77	18.85	19.68	19.78	19.74	19.18	19.57	18.16	19.56
Udang Putih Kecil	7.42	7.40	7.46	6.98	7.03	7.18	7.28	7.13	7.28	6.81	6.48	6.56	7.08
Udang kaki Merah/Sua Lor	15.21	14.41	14.27	14.31	13.82	14.20	14.67	15.41	14.82	15.39	15.09	13.74	14.61
Udang Merah Ros	2.51	1.38	1.50	1.38	2.25	2.26	2.27	4.36	2.19	2.20	2.19	2.19	2.22
Udang Kulit Keras	8.00	7.64	7.44	7.54	7.87	7.82	8.57	8.24	8.22	7.86	7.57	6.79	7.80
Udang Kuning	7.53	7.07	6.93	6.92	6.59	6.31	6.62	6.99	6.91	6.89	6.97	6.58	6.86
Udang Cendana Rotan	9.01	8.69	9.64	10.37	10.18	9.89	9.84	9.44	7.78	7.95	8.26	7.28	9.03
Udang Merah	4.24	4.29	3.71	3.70	3.90	4.09	4.04	4.35	3.73	4.00	4.42	3.99	4.04
Udang Pasir Besar	4.55	4.60	4.60	4.35	4.35	4.60	5.60	4.97	4.40	4.60	4.60	5.23	4.70
Udang Pasir Sedang	4.41	5.01	5.49	4.42	4.71	4.70	4.52	4.20	4.47	4.32	4.41	4.66	4.61
Udang Pasir Kecil	3.15	3.11	3.27	3.05	3.01	3.09	3.11	2.98	3.10	2.98	2.99	2.89	3.06
Udang Minyak	6.43	6.28	6.14	5.94	6.05	6.26	6.29	6.23	6.45	5.99	5.85	5.94	6.15
Udang Minyak Jalur	5.15	5.08	4.95	5.13	5.38	5.13	5.25	5.25	5.13	5.25	5.25	5.00	5.16
udang Ekor Biru	21.78	19.67	18.22	13.17	16.11	17.84	15.00	17.50	17.50	17.67	14.06	17.22	17.14
Udang Susu	3.85	5.00	4.50	3.60	1.70	3.60	3.25	3.25	3.25	3.25	3.25	3.25	3.48
Udang Baring	1.44	1.47	1.53	1.46	1.52	1.40	1.21	1.27	1.21	1.23	1.35	1.42	1.38
Kupang/Siput Sudu	0.80	0.80	0.80	0.80	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.93
Siput Retak Seribu	1.63	1.35	1.00	1.07	1.07	1.08	1.51	1.35	1.54	1.80	1.80	1.80	1.42
Kepah	0.80	0.80	0.80	0.80	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.87
Lala	0.51	0.55	0.55	0.52	0.62	0.52	0.30	0.30	0.25	0.35	0.25	0.30	0.42
Lain-lain Siput	1.61	1.81	1.74	1.81	2.54	1.50	1.48	3.41	1.30	1.82	1.56	1.62	1.85
Sotong Biasa/Cumit	5.21	5.02	4.91	4.80	5.18	4.97	5.35	5.48	5.34	5.67	5.52	5.42	5.24
Sotong Katak	3.22	3.29	3.10	3.12	3.21	3.05	3.06	3.23	3.32	3.29	3.27	3.23	3.20
Sotong Kereta	1.77	1.53	1.51	1.61	1.63	1.63	1.39	1.49	1.48	1.45	1.56	1.56	1.55
Ubur-Ubur	1.56	1.56	0.60	0.60	0.60	1.55	1.63	1.61	1.60	1.60	1.60	1.60	1.34

Jadual *(Table)* **6.2**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
HARGA PURATA IKAN BORONG MENGIKUT BULAN, 2003
MONTHLY AVERAGE WHOLESALE PRICES OF FRESH FISH,2003
HARGA DALAM RM/KG/*PRICES AT RM/KG*

Spesis *Species* / **Nama Tempatan** *Local Name*	**Januari** *January*	**Febuari** *February*	**Mac** *March*	**April** *April*	**Mei** *May*	**Jun** *June*	**Julai** *July*	**Ogos** *August*	**September** *September*	**Oktober** *October*	**November** *November*	**Disember** *December*	**Purata 2003** *Average 2003*
Kebasi Selangat	2.15	1.92	2.07	1.85	1.83	1.84	1.94	1.91	1.86	2.14	2.17	2.17	1.99
Puput	4.08	1.75	4.83	3.85	3.91	1.94	2.90	2.90	3.72	2.33	2.88	2.87	3.16
Beliak Mata	2.21	2.41	2.10	2.02	2.13	1.93	2.07	1.97	1.95	2.03	1.97	2.04	2.07
Terubok	7.60	7.47	9.49	9.47	10.51	7.76	10.23	9.93	8.93	9.82	8.82	9.71	9.14
Siakap	12.71	11.87	12.25	11.85	12.51	12.33	12.08	12.18	12.10	12.06	12.04	12.40	12.20
Lidah	3.57	3.62	3.47	3.49	3.54	3.56	3.59	3.60	3.58	3.56	3.62	3.75	3.58
Sebelah	5.58	5.58	5.45	5.51	5.29	5.39	6.21	5.87	6.06	5.93	5.92	5.69	5.70
Bayan	5.21	4.25	5.21	4.46	5.35	4.11	4.91	6.00	5.48	4.90	5.98	5.59	5.12
Biji Nangka	2.40	2.36	2.38	2.40	2.25	2.32	2.20	2.23	2.28	2.18	2.12	2.30	2.28
Baji-Baji	1.33	1.56	1.75	1.83	1.89	1.24	1.91	1.90	1.58	1.96	1.58	1.61	1.68
Daun Baharu	4.10	4.07	3.96	4.08	4.25	4.13	4.05	4.00	4.00	4.14	4.06	4.12	4.08
Delah/Pinang-Pinang	5.81	6.05	6.60	7.39	7.25	5.96	7.87	7.97	7.37	7.78	7.43	7.06	7.04
Dengkis/Debam	4.09	3.89	3.80	3.69	3.55	3.86	3.22	3.97	3.94	3.55	3.89	3.80	3.77
Duri/Pulutan/Utik	3.33	3.37	3.25	3.27	3.18	3.25	3.23	3.27	3.21	3.24	3.30	3.36	3.27
Gelama/Tengkerong/Selampai	3.55	3.50	3.40	3.62	3.51	3.41	3.40	3.43	3.44	3.37	3.46	3.56	3.47
Gerut-Gerut	8.83	8.82	8.85	8.84	8.99	9.05	9.01	8.83	8.86	8.86	8.87	9.03	8.90
Jahan/Goh	3.52	3.40	4.46	4.41	4.35	3.34	4.22	4.25	5.04	4.54	5.14	4.72	4.28
Jebong	2.67	2.52	2.72	2.58	2.61	2.67	5.06	3.23	2.53	2.71	2.80	2.85	2.91
Jenahak	14.44	13.60	14.87	14.45	14.80	14.88	13.51	15.09	14.77	13.80	14.32	14.57	14.42
Kaci	6.05	6.19	6.77	6.80	7.20	6.90	6.35	6.81	6.90	6.85	6.82	6.99	6.72
Kapas Laut	3.29	3.15	2.79	3.15	3.15	2.94	5.78	3.13	3.24	3.32	3.29	3.56	3.40
Kerapu	16.17	15.68	15.93	15.19	15.30	15.63	14.34	15.96	15.98	15.91	15.59	15.81	15.62
Kerisi	4.63	4.49	4.47	4.34	4.34	4.32	4.75	4.32	4.15	4.20	4.27	4.50	4.40
kerisi Bali	6.16	7.39	6.94	7.10	6.92	7.07	5.73	6.67	7.09	6.80	6.77	7.53	6.85
Kikek	2.23	2.15	2.07	1.90	1.89	2.01	1.71	1.85	1.93	1.92	2.15	2.19	2.00
Lumi-Lumi	1.19	1.59	1.64	2.15	2.09	1.33	2.82	1.99	1.56	1.58	1.59	1.26	1.73
Malong	2.91	2.85	2.79	2.93	3.06	3.06	3.92	3.06	2.98	3.05	3.07	3.04	3.06
Merah	11.16	10.99	11.03	11.02	10.79	11.28	9.90	11.17	10.89	11.12	11.03	11.14	10.96
Mengkerong/conor/Ubi-Ubi	1.08	0.97	0.98	1.04	0.99	0.96	1.43	1.04	1.02	1.00	1.04	1.07	1.05
Puntung Damar/Bulus	4.63	5.21	4.82	4.89	4.87	4.69	5.72	4.64	4.57	4.78	4.70	4.67	4.85
Pasir-Pasir/Timun-Timun	2.00	1.92	2.19	2.07	2.58	1.65	2.31	2.57	2.24	2.15	2.13	2.11	2.16
Puyu Laut	4.12	4.23	4.49	4.51	4.92	5.51	4.67	4.80	4.72	4.20	4.72	4.47	4.61
Pelanduk	3.70	3.93	3.93	4.33	4.41	3.63	3.97	4.82	4.24	4.40	3.99	4.40	4.15

Samb.Dari Jadual 6.2

(Con't From 6.2)

Pinang-Pinang	4.39	4.50	5.64	5.37	4.70	4.69	4.50	4.63	6.25	3.50	4.13	3.88	4.68
Remong/Kunyit-Kunyit/Tanda	3.50	3.53	4.33	4.43	3.66	3.46	3.59	4.56	4.86	4.27	5.10	4.46	4.15
Selampai/Tembereh	4.99	4.09	5.05	4.99	4.80	3.96	5.00	4.73	4.85	5.90	4.85	4.60	4.82
Semilang	8.67	8.78	8.67	8.99	9.02	9.23	9.02	9.26	9.26	9.36	9.27	9.61	9.10
Shrumbu Lemah	2.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50
Tanda	8.06	7.88	7.91	7.99	8.16	8.25	8.35	8.12	8.37	8.32	8.38	8.35	8.18
Temenggong/Lara Bara	1.10	1.12	1.18	1.21	1.14	1.17	1.18	1.13	1.17	1.14	1.20	1.27	1.17
Aji-Aji	6.49	6.25	6.37	6.36	6.25	6.32	6.62	6.27	6.22	6.42	6.48	6.68	6.39
Alu-Alu/Kacang-Kacang	3.85	3.70	3.71	3.68	3.56	3.76	3.69	3.72	3.65	3.71	3.70	3.70	3.70
Aruan Tasik	3.50	3.30	3.29	3.40	3.58	3.53	3.69	3.73	3.57	3.69	3.64	3.64	3.55
Bawal Hitam	12.74	11.31	10.97	11.42	11.86	11.13	12.27	12.35	11.94	11.91	11.94	12.02	11.82
Bawal Putih	27.56	26.70	23.04	22.86	22.68	22.39	24.33	24.16	23.82	24.04	24.13	25.75	24.29
Bawal Tambak	44.73	42.62	39.78	38.62	38.46	38.34	41.81	41.30	41.59	41.59	40.29	41.18	40.86
Bawal Selatan	3.46	3.24	3.81	4.59	3.93	3.45	4.98	4.56	3.89	4.56	4.19	4.53	4.10
Belanak/Kedera	3.62	3.40	3.41	3.58	3.52	3.19	3.31	3.28	3.34	3.48	3.42	3.36	3.41
Cermin/Sagai/Cupak	6.44	6.23	6.34	6.58	6.49	5.93	6.84	6.97	6.64	6.45	6.65	7.17	6.56
Chaping	4.50	4.50	6.75	6.75	6.75	5.50	6.75	6.82	6.75	6.75	6.75	11.00	6.63
Cincaru	3.43	3.47	3.28	3.37	3.17	3.27	3.45	3.48	3.35	3.20	3.58	3.58	3.39
Demuduk/Rambai	7.78	7.71	7.48	6.73	6.56	7.26	7.42	7.68	7.40	7.29	6.69	7.85	7.32
Gerong-Gerong	6.29	5.45	6.44	6.37	6.13	4.59	6.88	6.63	8.18	6.65	6.86	6.84	6.44
Kurau/Senohong	16.03	14.80	17.89	17.76	17.90	16.04	17.22	18.55	18.74	18.42	18.93	18.93	17.60
Senangin	14.01	13.54	13.32	13.56	13.57	13.54	13.50	13.55	13.17	13.92	13.38	13.44	13.54
Senangin Buis	4.58	4.86	5.70	5.57	5.40	4.60	4.99	6.33	5.96	4.73	5.98	6.05	5.40
Kerepoh	9.47	9.48	9.40	9.40	9.35	9.61	8.58	8.49	9.29	9.26	9.38	9.38	9.26
Lolong	2.85	2.78	2.72	2.65	2.51	2.77	2.59	2.90	2.65	2.57	2.67	2.93	2.71
Loban	2.63	5.25	4.75	5.00	6.00	2.75	4.00	3.63	3.75	7.00	3.90	7.00	4.64
Selar	4.50	4.55	4.52	4.40	4.42	4.45	4.33	4.47	4.34	4.40	4.50	4.50	4.45
Pelata	2.97	2.87	3.02	2.73	2.64	2.63	2.71	2.60	2.59	2.52	2.55	2.69	2.71
Selar Kuning	2.94	2.80	2.81	2.88	2.89	2.96	2.96	2.98	3.03	3.11	3.05	2.86	2.94
Pisang-Pisang	3.68	3.73	3.73	3.90	4.05	3.33	3.25	3.25	3.17	3.63	3.17	3.49	3.53
Selayang/Curut	2.84	2.52	2.60	2.72	2.66	2.74	2.64	2.61	2.54	2.54	2.71	2.68	2.65
Ketang	1.75	1.75	6.55	6.53	6.44	5.52	7.10	5.53	4.24	6.15	5.18	7.27	5.33
Talang	3.57	3.11	3.09	3.06	2.83	3.03	3.13	2.97	3.12	2.98	3.16	3.21	3.10
Todak	2.09	1.93	2.35	1.97	2.28	2.18	2.38	2.39	2.26	2.01	2.69	2.50	2.25
Tamban Sisek	1.99	1.83	1.68	1.69	1.68	1.66	1.73	1.71	1.69	1.67	1.69	1.77	1.73
Tamban Buluh Bulat	2.11	2.11	2.15	2.12	2.17	2.21	2.32	2.29	2.19	2.32	2.36	2.31	2.22
Tamban/ Cincang Rebung	2.14	2.06	2.60	2.60	2.43	1.95	2.43	2.60	2.51	2.30	2.68	2.60	2.41
Tamban Beluru	2.35	2.30	2.89	2.72	2.50	2.40	2.82	2.64	2.80	2.73	2.92	2.67	2.64
Bilis/Bunga Air	2.31	2.67	2.65	2.58	2.75	2.85	2.93	2.56	2.85	2.83	2.35	2.48	2.65
Parang-Parang	8.61	8.75	8.36	8.61	8.56	8.56	8.63	8.51	8.32	8.50	8.57	8.60	8.55
Bulan-Bulan	3.74	3.74	3.08	2.42	4.35	1.43	2.13	2.04	1.98	1.57	2.99	2.99	2.70
Kayu/Tongkol/Aya Hitam	3.80	3.84	3.76	3.63	3.87	3.83	3.79	3.95	3.79	3.62	3.83	3.81	3.79
Kayu/Tongkol/Aya Kurik	3.36	3.31	3.45	3.30	3.63	3.17	3.79	3.54	3.26	3.33	3.44	3.46	3.42

Samb.Dari Jadual 6.2

(Con't From 6.2)

Kayu/Tongkol/Aya Selasih	2.37	2.25	3.38	3.38	3.32	2.25	2.70	2.20	2.85	2.75	2.92	2.81	2.76
Layaran	0.46	0.46	0.91	0.90	0.90	0.45	0.90	5.98	0.90	0.90	0.88	0.86	1.21
Mersuji	0.75	1.40	2.10	2.10	2.00	1.00	2.00	1.70	2.10	2.60	2.60	2.00	1.86
Tenggiri	12.97	12.89	12.90	12.64	12.70	12.73	13.03	12.88	12.75	12.99	12.95	12.86	12.86
Kembong	5.98	5.89	5.73	5.59	5.77	5.68	5.64	5.77	5.57	5.39	5.68	5.57	5.69
Pelaling/Temenong	3.02	3.07	3.07	3.39	2.96	2.95	2.74	2.75	2.69	2.69	2.64	2.85	2.90
Timah/layor/Selayor	2.97	2.66	2.78	2.86	2.73	2.85	2.78	2.91	2.94	3.04	3.03	3.05	2.88
Yu	3.66	3.45	3.44	3.35	3.51	3.57	3.64	3.60	3.83	3.82	3.82	3.60	3.61
Pari	4.12	4.16	4.16	4.12	4.07	4.09	4.09	4.24	4.29	4.41	4.33	4.40	4.21
Ikan Baja	0.38	0.38	0.31	0.40	0.39	0.41	0.43	0.33	0.33	0.32	0.32	0.33	0.36
Ikan Campur	2.16	2.11	2.07	2.10	2.07	2.12	2.04	2.05	2.05	2.07	2.12	2.18	2.10
Ketam Laut	7.26	7.02	7.18	7.12	6.93	6.99	7.18	7.02	6.91	7.06	7.21	7.22	7.09
Ketam Renjong	8.85	8.98	9.11	8.94	9.21	9.22	9.17	9.05	8.97	8.84	9.46	9.23	9.09
Ketam Batu	12.37	11.49	11.23	11.00	13.04	11.31	12.17	12.10	11.11	12.31	11.29	11.53	11.75
Udang Karang	29.68	24.85	29.89	29.61	34.05	28.06	33.65	33.75	28.94	30.39	29.05	30.86	30.23
Udang Lobok	13.15	14.13	16.00	16.00	15.17	11.13	23.88	16.17	15.50	13.37	15.83	14.08	15.37
Udang harimau	34.90	32.82	33.44	32.80	32.65	32.30	32.49	32.11	32.18	33.14	32.84	31.16	32.74
Udang Putih Besar	38.25	34.88	33.93	33.34	33.97	32.88	33.64	33.47	33.19	33.47	32.75	33.02	33.90
Udang Putih Sedang	23.81	22.78	22.75	23.06	22.20	21.98	22.25	22.55	21.88	22.22	22.20	21.08	22.40
Udang Putih Kecil	11.16	8.86	9.00	8.39	8.65	8.69	9.07	8.86	9.19	8.62	8.98	8.84	9.03
Udang kaki Merah/Sua Lor	19.08	18.46	17.68	18.14	18.03	18.29	19.08	19.50	19.30	19.41	18.79	17.76	18.63
Udang Merah Ros	3.43	2.00	2.00	2.00	2.93	2.93	2.93	5.04	2.93	2.93	2.93	2.93	2.92
Udang Kulit Keras	9.17	9.01	8.86	8.93	9.85	9.62	10.42	10.01	9.93	9.83	9.28	8.86	9.48
Udang Kuning	6.79	6.54	7.74	7.73	7.19	5.77	7.63	7.79	7.67	7.89	7.75	7.37	7.32
Udang Cendana Rotan	11.99	10.75	11.40	12.36	12.16	11.36	11.81	11.43	10.23	10.11	10.56	9.12	11.10
Udang Merah	3.60	4.23	4.47	4.46	4.93	3.43	5.44	5.80	5.00	4.88	5.85	4.90	4.75
Udang Pasir Besar	4.33	4.37	6.50	6.00	6.00	4.17	6.93	6.42	6.13	5.38	5.50	6.42	5.68
Udang Pasir Sedang	6.33	6.64	7.21	6.41	6.64	6.40	6.24	5.67	6.24	5.74	5.74	6.43	6.31
Udang Pasir Kecil	4.19	4.13	4.24	4.18	3.99	4.03	3.99	3.74	3.79	3.72	4.03	3.91	3.99
Udang Minyak	6.96	6.59	7.40	7.00	7.13	6.65	7.34	7.31	7.55	7.17	7.30	7.36	7.15
Udang Minyak Jalur	4.04	4.02	6.03	6.06	6.43	4.04	6.50	6.50	6.13	6.50	6.13	6.00	5.70
udang Ekor Biru	19.40	18.63	22.00	14.94	17.78	15.63	16.22	20.72	20.89	19.00	15.33	21.11	18.47
Udang Susu	4.53	5.83	8.75	7.05	6.60	4.70	7.67	7.67	7.67	7.67	7.67	7.67	6.96
Udang Baring	2.05	2.04	1.87	1.79	1.80	2.08	1.79	1.85	1.79	1.77	2.00	2.07	1.91
Kupang/Siput Sudu	1.90	0.60	1.20	1.20	2.85	0.60	1.20	1.20	1.20	1.20	1.20	1.20	1.30
Siput Retak Seribu	2.73	2.48	2.15	2.34	1.78	1.78	1.82	2.11	2.48	2.73	2.73	2.73	2.32
Kepah	0.80	0.70	1.40	1.40	1.40	0.70	1.40	1.40	1.40	1.40	1.40	1.40	1.23
Lala	1.49	0.84	1.51	1.98	2.25	1.69	1.40	1.06	1.34	1.35	1.01	1.34	1.44
Lain-lain Siput	1.58	1.60	2.14	2.18	3.51	1.76	1.96	1.97	1.80	2.60	2.35	1.98	2.12
Sotong Biasa/Cumit	6.64	6.18	6.08	6.06	6.49	6.32	6.47	6.52	6.45	6.73	6.68	6.60	6.44
Sotong Katak	4.02	3.86	3.76	3.89	3.86	3.61	3.78	4.16	3.85	3.91	3.94	3.83	3.87
Sotong Kereta	2.61	2.12	2.24	2.10	2.19	2.09	2.13	2.25	2.34	2.26	2.20	2.25	2.23
Ubur-Ubur	2.77	2.77	3.80	3.80	3.80	2.76	3.77	3.74	3.73	3.73	3.73	3.73	3.51

Jadual *(Table)* **6.3**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*
HARGA PURATA IKAN RUNCIT MENGIKUT BULAN, 2003
MONTHLY AVERAGE RETAIL PRICES OF FRESH FISH,2003
HARGA DALAM RM/KG/*PRICES AT RM/KG*

Spesis *Species* / **Nama Tempatan** *Local Name*	**Januari** *January*	**Febuari** *February*	**Mac** *March*	**April** *April*	**Mei** *May*	**Jun** *June*	**Julai** *July*	**Ogos** *August*	**September** *September*	**Oktober** *October*	**November** *November*	**Disember** *December*	**Purata 2003** *Average 2003*
Kebasi Selangat	3.09	2.75	3.06	2.78	2.78	2.76	2.85	2.75	2.71	2.69	3.15	3.12	2.87
Puput	5.47	2.90	6.47	5.09	5.19	2.33	3.50	3.50	4.87	2.92	3.47	3.47	4.10
Beliak Mata	3.15	3.45	3.08	2.97	3.23	2.96	3.09	2.98	2.96	2.77	3.03	2.98	3.05
Terubok	9.30	8.66	10.97	8.29	13.02	9.08	12.04	11.78	10.82	9.46	10.70	11.64	10.48
Siakap	15.42	14.30	14.86	14.26	15.03	14.52	14.57	14.74	14.78	14.24	14.61	14.86	14.68
Lidah	4.95	5.11	4.89	4.87	5.07	4.96	5.03	5.02	4.93	4.96	5.00	5.15	4.99
Sebelah	7.16	7.12	7.07	7.12	7.06	6.86	7.89	7.40	7.67	7.85	7.42	7.09	7.31
Bayan	6.58	5.17	6.42	5.68	6.64	5.12	6.31	7.60	6.79	5.93	7.48	6.65	6.36
Biji Nangka	3.49	3.52	3.47	3.65	3.37	3.52	3.37	3.44	3.45	3.39	3.17	3.35	3.43
Baji-Baji	1.94	2.20	2.49	2.58	3.55	1.84	3.16	3.22	2.59	2.58	2.60	2.49	2.60
Daun Baharu	5.48	5.33	5.58	5.48	5.71	5.48	5.29	5.16	5.21	5.20	5.06	5.33	5.36
Delah/Pinang-Pinang	7.17	7.33	7.92	9.10	9.23	7.47	9.50	9.81	9.16	8.92	9.02	8.63	8.60
Dengkis/Debam	5.43	5.18	5.24	5.09	4.87	5.09	4.41	5.27	5.27	4.93	5.14	5.02	5.08
Duri/Pulutan/Utik	4.79	4.83	4.77	4.87	4.61	4.75	4.74	4.74	4.68	4.67	4.80	4.84	4.76
Gelama/Tengkerong/Selampai	4.87	4.86	4.74	4.99	4.93	4.72	5.00	4.85	4.85	4.40	4.71	4.98	4.82
Gerut-Gerut	10.97	10.72	10.84	10.75	10.97	10.98	10.89	10.90	11.01	10.75	10.91	10.87	10.88
Jahan/Goh	4.93	4.77	6.11	6.34	6.32	4.69	6.41	6.28	7.02	5.10	7.19	6.53	5.97
Jebong	3.78	3.44	3.81	3.58	3.70	3.62	4.48	4.21	3.66	3.77	3.84	3.81	3.81
Jenahak	17.15	16.17	17.75	16.95	17.43	17.60	17.30	17.79	17.25	15.95	16.85	16.92	17.09
Kaci	7.33	7.68	8.53	8.64	9.28	8.74	8.38	8.76	8.89	9.48	8.90	8.84	8.62
Kapas Laut	4.76	4.54	4.13	4.59	4.43	4.13	5.11	4.55	4.69	4.68	4.59	4.70	4.57
Kerapu	19.42	18.58	18.81	17.94	17.72	18.36	18.35	18.52	18.65	18.29	18.23	18.46	18.44
Kerisi	6.33	6.11	5.92	5.98	6.10	5.82	5.94	5.94	5.79	5.84	5.99	6.19	5.99
kerisi Bali	8.02	9.06	9.42	9.12	8.78	9.05	8.44	8.36	8.75	8.69	8.57	9.71	8.83
Kikek	3.17	3.09	3.04	2.84	2.87	3.17	2.80	2.88	2.91	2.96	3.22	3.25	3.02
Lumi-Lumi	1.89	2.18	2.43	2.95	2.94	2.00	2.57	3.00	2.37	1.78	2.56	2.02	2.39
Malong	4.03	3.84	3.81	3.86	4.15	4.10	4.39	4.34	4.25	4.27	4.32	4.25	4.13
Merah	13.70	13.47	13.69	13.57	13.46	14.05	13.70	13.68	13.64	14.19	13.85	13.93	13.74
Mengkerong/conor/Ubi-Ubi	1.77	1.54	1.55	1.64	1.60	1.63	1.71	1.72	1.73	1.73	1.77	1.90	1.69
Puntung Damar/Bulus	6.14	6.43	6.04	6.17	6.14	6.04	6.03	6.04	5.85	6.05	5.92	5.73	6.05
Pasir-Pasir/Timun-Timun	2.81	2.67	3.11	2.87	3.60	2.35	3.26	3.19	3.72	3.35	2.83	3.12	3.07
Puyu Laut	5.74	5.92	6.25	6.29	7.32	8.49	6.71	6.99	6.68	4.87	6.58	6.08	6.49
Pelanduk	5.69	4.83	5.04	5.54	5.91	4.70	5.33	6.45	5.64	5.08	5.26	5.64	5.42

Samb.Dari Jadual 6.3

(Con't From 6.3)

Pinang-Pinang	7.41	5.85	7.56	7.29	6.68	6.25	6.50	6.13	8.33	4.13	4.83	4.58	6.29
Remong/Kunyit-Kunyit/Tanda	5.48	4.62	5.62	5.95	5.11	4.55	4.99	6.07	6.58	6.32	6.70	5.98	5.66
Selampai/Tembereh	7.49	5.05	6.25	6.31	6.08	5.06	6.00	5.88	6.17	5.18	5.90	5.63	5.92
Semilang	11.43	11.29	10.95	11.10	11.23	11.37	11.29	11.60	12.04	10.47	11.60	11.78	11.35
Shrumbu Lemah	5.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50
Tanda	9.92	9.75	9.76	9.84	10.21	10.15	10.37	10.27	10.42	10.59	10.32	10.39	10.17
Temenggong/Lara Bara	1.83	1.81	1.74	1.76	1.64	1.74	1.87	1.83	1.74	1.96	1.95	1.92	1.81
Aji-Aji	8.36	8.02	8.24	8.21	8.22	8.10	8.43	8.09	8.13	8.44	8.65	8.58	8.29
Alu-Alu/Kacang-Kacang	5.09	5.11	5.23	5.16	5.13	5.22	5.20	5.29	5.22	5.27	5.21	5.22	5.20
Aruan Tasik	4.81	4.55	4.58	4.63	5.01	4.92	5.06	5.13	4.97	5.00	5.00	5.01	4.89
Bawal Hitam	15.39	13.70	13.34	13.93	14.25	13.66	15.02	15.16	14.74	14.86	14.66	14.86	14.46
Bawal Putih	32.53	31.47	26.90	26.83	26.65	25.88	28.45	27.58	27.76	25.80	27.75	29.47	28.09
Bawal Tambak	49.95	48.28	44.39	43.58	43.60	43.80	46.90	46.42	46.60	41.66	45.15	45.79	45.51
Bawal Selatan	7.76	4.26	5.18	7.63	6.97	5.73	6.58	6.09	6.09	4.57	5.76	6.03	6.05
Belanak/Kedera	4.84	4.59	5.03	4.89	4.73	4.32	4.54	4.35	4.49	4.14	4.53	4.58	4.58
Cermin/Sagai/Cupak	8.06	7.67	7.91	8.43	8.47	7.58	8.94	8.68	8.49	8.91	8.47	8.87	8.37
Chaping	8.00	5.33	8.00	8.00	8.00	6.50	13.00	13.00	8.00	5.33	8.00	13.00	8.68
Cincaru	4.88	4.79	4.78	4.75	4.59	4.64	4.93	4.77	4.81	4.80	5.17	5.17	4.84
Demuduk/Rambai	9.84	9.61	9.46	8.62	8.50	9.60	9.23	9.67	9.55	10.15	8.91	10.17	9.44
Gerong-Gerong	9.33	6.72	7.84	7.88	7.47	5.77	8.16	7.60	9.72	8.65	8.18	8.20	7.96
Kurau/Senohong	21.25	17.17	20.96	20.76	20.88	18.48	20.11	21.17	21.31	18.00	21.57	20.71	20.20
Senangin	16.48	16.08	15.84	16.03	16.17	15.61	16.12	16.31	15.75	15.29	16.11	16.10	15.99
Senangin Buis	7.15	6.31	7.45	7.32	7.27	6.52	7.06	8.54	7.95	5.24	8.04	7.73	7.21
Kerepoh	12.99	13.00	13.01	13.12	12.84	13.11	11.37	11.42	12.84	9.55	12.84	12.72	12.40
Lolong	4.16	4.06	3.95	4.07	3.88	4.05	3.85	4.15	4.01	3.98	4.16	4.25	4.05
Loban	6.00	6.00	5.00	6.50	8.00	3.50	5.25	4.88	5.75	4.95	5.50	9.90	5.94
Selar	6.24	6.25	6.26	6.15	6.08	6.12	6.08	6.33	6.23	6.21	6.34	6.47	6.23
Pelata	4.36	4.15	4.30	3.97	3.86	3.97	4.02	3.95	3.89	3.66	3.90	4.25	4.02
Selar Kuning	4.27	3.96	3.95	4.16	4.27	4.34	4.23	4.28	4.20	4.33	4.29	4.16	4.20
Pisang-Pisang	5.38	5.48	5.48	5.58	5.38	4.66	4.39	4.39	4.52	4.11	4.52	5.01	4.91
Selayang/Curut	4.23	3.83	3.99	4.20	4.03	4.14	3.96	3.93	3.96	3.85	4.17	3.98	4.02
Ketang	6.00	3.00	8.34	8.33	8.14	7.42	8.92	7.75	5.66	5.55	6.83	8.83	7.06
Talang	4.71	4.25	4.29	4.17	4.03	4.09	4.24	4.10	4.30	3.72	4.25	4.42	4.21
Todak	3.39	2.53	3.10	2.66	3.07	2.97	3.09	3.27	3.08	3.06	3.55	3.43	3.10
Tamban Sisek	3.12	2.80	2.66	2.67	2.57	2.73	2.72	2.65	2.81	2.48	2.83	2.92	2.75
Tamban Buluh Bulat	3.00	3.00	3.13	3.11	3.16	3.27	3.47	3.46	3.31	2.92	3.13	3.35	3.19
Tamban/ Cincang Rebung	3.67	2.79	3.25	3.25	3.00	3.25	3.00	3.17	3.88	2.19	4.10	3.25	3.23
Tamban Beluru	4.13	3.10	4.36	3.86	3.80	4.09	4.14	3.79	4.14	3.90	4.45	4.16	3.99
Bilis/Bunga Air	3.60	3.69	3.80	3.75	3.82	4.09	4.20	4.05	4.15	4.61	3.81	3.95	3.96
Parang-Parang	10.30	10.69	10.08	10.41	10.25	10.30	10.40	10.23	10.13	10.34	10.29	10.26	10.31
Bulan-Bulan	6.42	4.69	4.08	5.44	6.17	2.25	3.11	3.11	3.33	1.94	4.22	4.17	4.08
Kayu/Tongkol/Aya Hitam	5.47	5.37	5.21	5.24	5.61	5.46	5.38	5.51	5.38	5.28	5.35	5.48	5.40
Kayu/Tongkol/Aya Kurik	5.14	4.43	4.83	4.73	5.16	4.53	5.27	5.06	4.69	4.77	4.79	4.94	4.86

Samb.Dari Jadual 6.3

(Con't From 6.3)

Kayu/Tongkol/Aya Selasih	4.40	2.75	4.13	4.13	4.40	2.75	3.20	2.60	3.60	0.00	3.50	3.88	3.28
Layaran	1.21	0.61	1.21	1.20	1.20	0.62	1.23	2.87	1.23	0.62	1.20	1.20	1.20
Mersuji	2.50	1.98	2.98	2.98	3.00	1.50	3.00	2.50	2.98	3.63	3.98	3.00	2.83
Tenggiri	15.50	15.49	15.33	15.02	15.08	15.08	15.43	15.33	15.29	15.70	15.47	15.42	15.35
Kembong	7.91	7.56	7.50	7.42	7.61	7.53	7.63	7.60	7.38	7.37	7.48	7.37	7.53
Pelaling/Temenong	4.46	4.45	4.40	4.94	4.26	4.44	4.23	4.34	4.24	3.82	4.17	4.29	4.33
Timah/layor/Selayor	4.05	3.66	4.01	3.87	3.97	4.03	3.99	4.15	4.14	4.20	4.19	4.36	4.05
Yu	4.92	4.96	4.95	4.73	4.96	4.88	4.92	4.96	5.29	5.07	5.25	4.89	4.98
Pari	5.67	5.50	5.76	5.80	12.90	5.81	5.76	5.86	5.87	5.98	5.87	5.94	6.39
Ikan Baja	0.49	0.49	0.39	0.48	0.48	0.50	0.51	0.40	0.39	0.40	0.38	0.40	0.44
Ikan Campur	3.05	2.90	2.90	2.94	2.86	2.89	2.81	2.84	2.83	2.83	2.95	3.06	2.90
Ketam Laut	9.53	9.35	9.47	9.33	9.13	9.06	9.39	9.36	9.44	9.66	9.66	9.80	9.43
Ketam Renjong	11.67	11.34	10.59	11.28	11.65	11.67	11.73	11.60	11.57	11.51	11.76	11.88	11.52
Ketam Batu	14.24	13.51	13.23	12.77	14.84	13.10	14.01	14.13	13.01	13.52	13.21	13.53	13.59
Udang Karang	38.42	30.00	34.90	36.10	42.14	34.88	38.80	38.87	34.40	33.30	33.97	35.09	35.91
Udang Lobok	33.71	17.38	20.17	20.00	19.83	14.13	28.54	19.06	19.61	18.13	19.50	17.67	20.64
Udang harimau	40.79	37.81	38.69	37.83	37.94	36.89	37.99	37.35	36.26	38.12	38.09	36.56	37.86
Udang Putih Besar	43.04	40.52	38.70	37.83	38.94	37.77	38.33	38.28	37.96	38.13	37.59	37.29	38.70
Udang Putih Sedang	27.04	27.34	26.19	26.42	25.68	24.73	25.36	25.72	25.32	25.46	25.22	24.10	25.72
Udang Putih Kecil	12.21	11.39	11.17	10.96	11.22	10.43	11.65	11.27	12.18	11.36	11.59	11.02	11.37
Udang kaki Merah/Sua Lor	24.76	23.11	22.95	22.31	22.27	22.40	23.73	24.61	24.40	25.70	24.36	23.36	23.66
Udang Merah Ros	4.33	7.64	2.80	7.93	3.77	3.77	5.83	6.49	3.77	10.26	7.58	3.88	5.67
Udang Kulit Keras	11.28	10.96	10.46	10.92	12.33	11.80	12.50	12.33	12.46	10.14	11.58	11.20	11.49
Udang Kuning	10.15	7.77	9.07	8.80	8.33	6.82	8.78	8.90	8.80	7.74	8.76	8.55	8.54
Udang Cendana Rotan	14.64	13.64	14.61	15.45	15.68	14.10	15.20	15.27	13.58	11.78	14.08	12.44	14.21
Udang Merah	6.49	5.25	5.71	5.78	6.49	4.59	7.63	7.41	6.92	4.94	7.83	7.03	6.34
Udang Pasir Besar	8.75	5.83	8.75	8.25	8.25	5.67	8.67	8.08	8.13	4.75	7.25	8.42	7.57
Udang Pasir Sedang	8.43	8.74	9.29	8.58	8.79	8.41	8.31	7.82	8.13	5.81	7.52	8.30	8.18
Udang Pasir Kecil	5.79	5.87	6.25	5.99	5.88	5.90	5.99	5.64	5.55	4.50	5.75	5.77	5.74
Udang Minyak	10.02	8.84	10.21	9.74	9.96	9.21	9.97	9.78	9.66	8.31	9.83	9.84	9.61
Udang Minyak Jalur	8.10	5.41	8.11	8.10	8.60	5.40	8.65	8.65	8.03	5.60	8.03	7.78	7.54
udang Ekor Biru	28.67	21.43	25.83	18.72	21.44	18.50	18.83	24.50	24.89	15.11	18.22	23.44	21.63
Udang Susu	8.85	7.50	11.75	9.35	9.70	6.23	11.17	11.17	11.17	5.59	11.17	11.17	9.57
Udang Baring	2.79	2.72	2.45	2.38	2.36	2.84	2.45	2.51	2.45	2.18	2.69	2.75	2.55
Kupang/Siput Sudu	4.25	0.75	1.60	2.00	4.50	1.00	2.00	2.00	2.00	0.75	2.00	2.00	2.07
Siput Retak Seribu	3.80	3.53	3.20	3.40	2.87	2.87	2.70	3.21	3.55	2.87	4.30	4.30	3.38
Kepah	2.00	1.25	2.50	2.50	2.50	1.25	2.50	2.50	2.50	1.25	2.50	2.50	2.15
Lala	2.70	1.40	2.40	2.55	3.00	2.25	2.39	1.90	2.27	1.53	1.90	2.27	2.21
Lain-lain Siput	2.59	2.27	3.03	2.99	4.82	2.49	2.87	2.86	2.70	4.11	5.77	3.02	3.29
Sotong Biasa/Cumit	8.74	8.15	8.03	8.01	8.46	8.29	8.26	8.53	8.37	9.02	8.81	8.60	8.44
Sotong Katak	5.45	5.40	5.22	5.20	5.25	5.08	5.24	5.42	5.32	5.51	5.34	5.30	5.31
Sotong Kereta	3.66	3.01	3.11	2.97	3.08	2.91	3.02	3.19	3.26	2.58	3.22	3.25	3.11
Ubur-Ubur	4.99	3.75	5.75	5.75	5.75	3.74	5.07	5.04	5.03	3.78	5.03	5.03	4.89

MALAYSIA **Jadual*(Table)* 7.1**

NILAI HARGA BORONG PENDARATAN IKAN LAUT, 2003

WHOLESALE VALUE OF MARINE FISH LANDING, 2003

Negeri/*State*	Gred 1 *Grade1*		Gred 11 *Grade11*		Gred 111 *Grade111*		Udang *Prawn*		Ikan Baja *Trash Fish*		Kerang-Kerangan *Shellfish*		Jumlah *Total*	
	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM	Tan.metrik *Tonnes*	RM
Pantai Barat/*West Coast*														
Perlis	707	7,544,174	92	427,103	57,652	147,913,763	2,431	23,416,384	18,633	3,353,916	0	0	79,515	182,655,340
Kedah	1,603	26,576,894	246	1,328,206	54,138	178,513,739	4,400	82,914,295	17,274	17,922,604	2,866	7,505,814	80,526	314,761,552
Pulau-Pinang	815	16,576,033	273	257,324	14,536	54,444,884	2,178	45,433,260	14,405	5,539,765	0	0	32,207	122,251,266
Perak	4,142	62,455,050	3,601	10,740,614	107,795	378,064,148	24,839	219,269,403	86,339	34,535,562	787	1,451,177	227,503	706,515,954
Selangor	4,719	73,413,017	2,336	8,267,654	30,104	103,478,070	10,017	127,699,137	62,435	19,228,553	3,179	6,169,583	112,790	338,256,013
Negeri-Sembilan	71	1,228,926	15	112,850	153	577,518	63	1,731,960	0	0	0	0	301	3,651,254
Melaka	491	8,988,534	0	0	1,133	4,449,476	186	3,960,127	0	0	0	0	1,809	17,398,138
Johor Barat/*West Johor*	1,284	18,344,645	311	2,176,442	4,404	20,636,845	1,836	25,684,073	1,919	812,069			9,754	67,654,073
Jumlah Kecil/*Sub.Total*	13,831	215,127,273	6,873	23,310,193	269,914	888,078,444	45,950	530,108,638	201,005	81,392,469	6,832	15,126,574	544,406	1,753,143,591
Pantai Timur/*East Coast*														
Kelantan	560	6,481,118	414	2,022,722	58,723	181,383,481	373	5,709,333	14,912	2,914,623	86	156,545	75,068	198,667,823
Terengganu	2,585	33,568,639	1,712	16,326,378	79,574	281,485,330	725	13,102,730	6,334	1,831,502	4	14,296	90,935	346,328,875
Pahang	2,624	31,197,813	1,179	8,721,858	81,217	297,834,762	1,323	19,253,080	46,248	8,154,432	0	0	132,590	365,161,944
Johor Timur/*East Johor*	1,698	23,519,383	766	6,664,745	36,945	135,538,757	2,513	22,226,612	35,433	8,758,324	0	0	77,356	196,707,821
Jumlah Kecil/*Sub.Total*	7,467	94,766,953	4,071	33,735,703	256,460	896,242,330	4,934	60,291,755	102,927	21,658,882	90	170,840	375,949	1,106,866,463
Sem. Malaysia/ Jumlah/*Total*	21,299	309,894,226	10,943	57,045,896	526,374	1,784,320,774	50,885	590,400,394	303,932	103,051,351	6,922	15,297,414	920,355	2,860,010,054
Sarawak	4,534	47,152,090	7,480	51,539,275	130,253	381,929,626	13,554	131,754,564	36,782	5,517,329	17	42,280	192,620	617,935,164
Sabah	12,806	91,827,246	14,108	47,100,403	113,053	240,232,258	7,576	113,187,321	12,161	1,362,032	565	1,692,430	160,269	495,401,690
W.Persekutuan Labuan/ *Labuan F.Territory*	626	3,812,340	742	4,164,104	7,270	27,335,200	439	4,877,290	935	84,150	0	0	10,012	40,273,084
Jumlah Kecil/*Sub.Total*	17,966	142,791,676	22,330	102,803,782	250,576	649,497,084	21,569	249,819,175	49,878	6,963,511	582	1,734,710	362,901	1,153,609,938
Jumlah Besar/ *Grand Total*	39,265	452,685,902	33,273	159,849,678	776,950	2,433,817,858	72,454	840,219,569	353,810	110,014,862	7,504	17,032,124	1,283,256	4,013,619,992

NOTA/***NOTE***

Gred 1 - **Bawal Tambak, Bawal Putih, Bawal Hitam,Bawal Selatan, Senangin/Kurau/Senohong, Tenggiri, Parang, Kerapu, dan Jenahak.**

(Gred 1) - *Chinese Pomfret, Silver Pomfret, Black Pomfret, Small Pomfret, Threadfin, Spanish Mackerel, Wolf Herring, Grouper and Mangrove Snapper*

(Gred 11) - **Terubuk, Puput/Beliak Mata/Tirok, Merah, Kaci, Cermin/Sagai/Cupak, Demuduk/Rambai dan Siakap.**

(Grade 11) - *Longtail Shad, Shads/Slender Shads, Red Snapper, Sweetlip, Horse Mackeral and Giant Sea Perch.*

(Gred 111) - **Ikan-ikan lain termasuk Ikan Bilis, Sotong, Ketam, Udang Karang dan Ubur-ubur**

(Gred 111) - *Other Species Include Anchovy, Squids, Crabs, Lobster and Jellyfish.*

MALAYSIA

Jadual *(Table)* **7.2**

NILAI HARGA RUNCIT PENDARATAN IKAN LAUT, 2003

RETAIL VALUE OF MARINE FISH LANDING, 2003

Negeri/*State*	**Gred 1** *Grade1*		**Gred 11** *Grade11*		**Gred 111** *Grade111*		**Udang** *Prawn*		**Ikan Baja** *Trash Fish*		**Kerang-Kerangan** *Shellfish*		**Jumlah** *Total*	
	Tan Metrik *Tonnes*	RM	Tan Metrik *Tonnes*	RM	Tan Metrik *Tonnes*	RM	Tan Metrik *Tonnes*	RM	Tan Metrik *Tonnes*	RM	Tan Metrik *Tonnes*	RM	Tan Metrik *Tonnes*	RM
Pantai Barat/*West Coast*														
Perlis	707	10,395,610	92	629,562	57,652	240,796,326	2,431	30,608,210	18,633	5,776,188	0	0	79,515	266,748,584
Kedah	1,603	32,194,316	246	1,968,126	54,138	257,364,271	4,400	102,711,478	17,274	23,948,598	2,866	10,696,898	80,526	428,883,687
Pulau-Pinang	815	18,520,898	273	436,238	14,536	72,429,622	2,178	50,207,972	14,405	5,888,050	0	0	32,207	147,482,780
Perak	4,142	78,165,755	3,601	15,446,981	107,795	521,170,229	24,839	279,134,799	86,339	47,486,398	787	1,960,456	227,503	943,364,618
Selangor	4,719	86,854,171	2,336	11,883,765	30,104	151,694,821	10,017	155,982,762	62,435	25,472,091	3,179	9,160,404	112,790	441,048,014
Negeri-Sembilan	71	1,316,677	15	129,811	153	818,575	63	1,918,948	0	0	0	0	301	4,184,010
Melaka	491	9,801,948	0	0	1,133	5,269,200	186	4,411,731	0	0	0	0	1,809	19,482,879
Johor Barat/*West Johor*	1,284	22,191,235	311	2,635,388	4,404	26,524,219	1,836	31,248,326	1,919	812,069	0	0	9,754	83,411,237
Jumlah Kecil/*Sub.Total*	13,831	259,440,610	6,873	33,129,872	269,914	1,276,067,263	45,950	656,224,226	201,005	109,383,393	6,832	21,817,758	544,406	2,334,605,809
Pantai Timur/*East Coast*														
Kelantan	560	7,544,267	414	2,691,499	58,723	238,179,857	373	5,936,248	14,912	3,220,181	86	342,306	75,068	257,914,358
Terengganu	2,585	33,850,712	1,712	16,386,205	79,574	318,695,628	725	15,144,855	6,334	1,909,757	4	11,423	90,935	385,998,580
Pahang	2,624	38,506,050	1,179	11,261,738	81,217	413,576,230	1,323	23,572,480	46,248	8,154,432	0	0	132,590	495,070,930
Johor Timur/*East Johor*	1,698	28,509,953	766	8,856,337	36,945	216,277,696	2,513	29,726,074	35,433	8,758,324	0	0	77,356	292,128,384
Jumlah Kecil/*Sub.Total*	7,467	108,410,983	4,071	39,195,779	256,460	1,186,729,411	4,934	74,379,658	102,927	22,042,695	90	353,728	375,949	1,431,112,253
Sem.Malaysia/ Jumlah/*Total*	21,299	367,851,592	10,943	72,325,651	526,374	2,462,796,674	50,885	730,603,884	303,932	131,426,088	6,922	22,171,486	920,355	3,787,175,375
Sarawak	4,534	59,437,784	7,480	69,671,066	130,253	598,340,430	13,554	169,877,914	36,782	11,034,654	17	58,190	192,620	908,420,038
Sabah	12,806	122,114,533	14,108	61,648,701	113,053	340,022,348	7,576	131,203,380	12,161	1,362,032	565	2,037,852	160,269	658,388,846
W.Persekutuan Labuan/ *Labuan F.Territory*	626	10,027,894	742	10,615,794	7,270	66,745,870	439	7,020,049	935	112,200	0	0	10,012	94,521,807
Jumlah Kecil/*Sub.Total*	17,966	191,580,211	22,330	141,935,561	250,576	1,005,108,648	21,569	308,101,343	49,878	12,508,886	582	2,096,042	362,901	1,661,330,691
Jumlah Besar/ *GrandTotal*	39,265	559,431,803	33,273	214,261,212	776,950	3,467,905,322	72,454	1,038,705,227	353,810	143,934,974	7,504	24,267,528	1,283,256	5,448,506,066

NOTA/***NOTE***

Gred 1 - **Bawal Tambak, Bawal Putih, Bawal Hitam, Bawal Selatan, Senangin/Kurau/Senohong, Tenggiri, Parang, Kerapu, dan Jenahak.**

(Gred 1) - *Chinese Pomfret, Silver Pomfret, Black Pomfret, Small Pomfret, Threadfin, Spanish Mackerel, Wolf Herring, Grouper and Mangrove Snapper*

(Gred 11) - **Terubuk, Puput/Beliak Mata/Tirok, Merah, Kaci, Cermin/Sagai/Cupak, Demuduk/Rambai dan Siakap.**

(Grade 11) - *Longtail Shad, Shads/Slender Shads, Red Snapper, Sweetlip, Horse Mackeral and Giant Sea Perch.*

(Gred 111) - **Ikan- Ikan lain termasuk ikan Bilis, Sotong, Ketam, Udang Karang dan Ubur-ubur**

(Gred 111) - *Other Species Include Anchovy, Squids, Crabs, Lobster and Jellyfish.*

Jadual *(Table)* 7.3

SEMENANJUNG MALAYSIA */PENINSULAR MALAYSIA*

NILAI PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED IKAN, 2003

VALUE OF MARINE FISH LANDINGS BY GEAR GROUP AND GRADE OF FISH, 2003

Pendaratan dan Nilai *Landings and Values*		Pukat Tunda Trawl Nets	Pukat Jerut Ikan Fish Purse Seines	Pukat Jerut Bilis Anchovy Purse Seines	Pukat Tarik Lain Other Seines	Pukat Hanyut *Drift/Gill Nets*	Pukat Tangguk *Lift Nets*	Belat *Stationary Traps*	Bubu *Portable Traps*	Pancing Hook & Line	Pukat Bakul Bag *Nets*	Pukat Rentang Barrire Nets	Pukat Surung Push/Scoop Net	Memungut Siput Shellfish Collection	Rampaian *Miscellaneous*	Jumlah Total
Gred 1 *(Gred 1)*	*Tonnes*	9,539	1,135	1	210	7,038	5	46	1,073	2,174	10	39	29	0	0	21,299
	N.B.RM	142,410,123	13,951,568	7,960	5,890,108	95,331,675	60,239	900,438	16,492,024	30,508,051	3,183,281	552,494	606,265	0	0	309,894,226
	N.R.RM	168,800,328	16,866,571	9,778	6,751,831	113,200,921	73,723	1,050,174	19,564,524	36,344,233	3,827,810	654,049	707,650	0	0	367,851,592
Gred 11 *(Gred11)*	*Tonnes*	5,028	799	3	624	2,515	8	3	510	1,418	2	26	7	0	0	10,943
	N.B.RM	25,225,540	4,760,335	5,539	1,373,955	7,682,009	16,951	24,925	4,734,484	12,846,995	6,057	276,034	93,071	0	0	57,045,896
	N.R.RM	32,110,001	5,980,419	7,897	1,958,776	10,251,268	24,168	31,019	5,794,349	15,728,053	8,371	322,827	108,502	0	0	72,325,651
Gred 111 *(Gred 111)*	*Tonnes*	199,345	203,207	13,537	4,951	70,411	7,307	246	10,293	13,029	1,692	858	774	0	723	526,374
	N.B.RM	743,656,585	617,166,028	35,099,785	16,488,610	233,424,014	21,609,089	788,760	43,596,228	52,307,952	5,824,240	4,586,948	3,002,658	0	6,769,876	1,784,320,774
	N.R.RM	1,000,537,072	##########	50,809,290	22,739,043	326,338,854	30,547,191	1,072,442	57,236,761	70,924,858	7,790,570	5,879,920	3,976,915	0	7,975,852	2,462,796,674
Udang *(Prawn)*	*Tonnes*	23,641	264	0	7,331	7,969	0	319	0	0	6,180	193	4,941	0	48	50,885
	N.B.RM	265,003,621	2,226,535	0	68,081,184	169,878,704	0	2,064,574	0	0	31,015,113	3,168,768	48,671,971	0	289,924	590,400,394
	N.R.RM	331,428,179	2,854,694	0	87,269,413	203,495,385	0	2,589,350	0	0	38,923,790	3,852,778	59,809,465	0	380,829	730,603,884
Ikan Baja *(Manure Fish)*	*Tonnes*	275,811	7,285	97	12,747	1,032	0	0	0	10	3,664	726	2,561	0	0	303,932
	N.B.RM	93,516,461	2,470,002	32,851	4,321,929	349,768	0	0	0	3,550	1,242,202	246,222	868,366	0	0	103,051,351
	N.R.RM	119,265,808	3,150,106	41,897	5,511,954	446,075	0	0	0	4,527	1,584,237	314,018	1,107,466	0	0	131,426,088
Kerang Kerangan *(Shellfish)*	*Tonnes*	94	0	0	0	0	0	0	0	0	0	0	0	6,828	0	6,922
	N.B.RM	199,331	0	0	0	0	0	0	0	0	0	0	0	15,098,083	0	15,297,414
	N.R.RM	310,600	0	0	0	0	0	0	0	0	0	0	0	21,860,886	0	22,171,486
Jumlah *Total*	*Tonnes*	513,457	212,689	13,637	25,864	88,965	7,320	614	11,876	16,632	11,548	1,842	8,312	6,828	771	920,355
	N.B.RM	1,270,011,661	640,574,468	35,146,135	96,155,786	506,666,170	21,686,279	3,778,697	64,822,737	95,666,548	41,270,894	8,830,465	53,242,331	15,098,083	7,059,800	2,860,010,054
	N.R.RM	1,652,451,989	905,819,696	50,868,862	124,231,016	653,732,503	30,645,082	4,742,986	82,595,635	123,001,671	52,134,778	11,023,593	65,709,999	21,860,886	8,356,681	3,787,175,375

Nota/*Note*

Gred 1 - **Bawal Tambak, Bawal Putih, Bawal Hitam,Bawal Selatan, Senangin/Kurau/Senohong, Tenggiri, Parang, Kerapu, dan Jenahak.**

(Gred 1) - *Chinese Pomfret, Silver Pomfret, Black Pomfret, Small Pomfret, Threadfin, Spanish Mackerel, Wolf Herring, Grouper and Mangrove Snapper*

Gred 11 - **Terubuk, Puput/Beliak Mata/Tirok, Merah, Kaci, Cermin/Sagai/Cupak, Demuduk/Rambai dan Siakap.**

(Grade 11) - *Longtail Shad, Shads/Slender Shads, Red Snapper, Sweetlip, Horse Mackeral and Giant Sea Perch.*

Gred 111 - **Ikan-ikan lain termasuk Ikan Bilis, Sotong, Ketam, Udang Karang dan Ubur-ubur**

(Gred 111) - *Other Species Include Anchovy, Squids, Crabs, Lobster and Jellyfish.*

N.B.RM - Nilai Borong Dalam Ringgit Malaysia/*Wholesale Value In Ringgit Malaysia*

N.R.RM - Nilai Runcit Dalam Ringgit Malaysia/*Retail Value In Ringgit Malaysia*

Jadual *(Table)* 8.1

MALAYSIA

SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI TAHUN 1998-2003

ANNUAL SERIES OF MARINE FISH LANDINGS AND VALUE, 1998-2003

Negeri/*State*	1999		2000		2001		2002		2003	
	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM	Tan metrik *Tonnes*	RM
Pantai Barat/*West Coast*										
Perlis	85,089	155,433,358	57,168	101,536,420	48,790	96,959,844	77,863	172,035,184	79,515	182,655,340
Kedah	85,229	344,903,665	76,735	319,220,708	72,217	293,993,205	87,520	374,428,786	80,526	314,761,552
Pulau-Pinang	34,789	137,640,518	35,895	148,266,950	35,069	145,235,717	31,994	130,100,822	32,207	122,251,266
Perak	171,344	616,417,179	215,272	868,941,401	201,713	754,918,710	192,624	615,606,749	227,503	706,515,954
Selangor	108,963	353,609,727	135,864	406,533,830	117,031	382,369,957	111,157	355,025,899	112,790	338,256,013
Negeri-Sembilan	327	3,277,233	326	4,011,071	317	3,808,170	308	3,910,417	301	3,651,254
Melaka	1,891	17,895,690	1,858	18,493,997	1,853	17,120,366	1,868	17,250,178	1,809	17,398,138
Johor Barat/*West Johor*	12,449	84,273,462	12,000	43,955,143	12,036	88,378,679	14,613	95,168,633	9,754	67,654,073
Jumlah Kecil/*Sub.Total*	500,081	1,713,450,832	535,118	1,910,959,520	489,026	1,782,784,648	517,947	1,763,526,668	544,405	1,753,143,590
Pantai Timur/*East Coast*										
Kelantan	50,687	127,124,213	60,917	162,216,042	69,220	197,813,269	83,404	227,501,235	75,068	198,667,823
Terengganu	160,900	634,843,986	120,615	480,387,195	107,277	440,908,162	106,244	436,573,770	90,935	346,328,875
Pahang	126,831	290,601,573	145,828	377,058,595	149,990	394,480,860	132,309	335,632,146	132,590	365,161,944
Johor Timur/*East Johor*	64,783	166,493,173	71,415	209,140,303	71,688	193,507,435	77,589	198,549,265	77,356	196,707,821
Jumlah Kecil/*Sub.Total*	403,201	1,219,062,945	398,775	1,228,802,135	398,175	1,226,709,726	399,546	1,198,256,416	375,949	1,106,866,463
Sem.Malaysia/ Jumlah/*Total*	903,282	2,932,513,777	933,893	3,139,761,655	887,201	3,009,494,374	917,493	2,961,783,084	920,354	2,860,010,053
Sarawak	121,914	452,313,417	134,932	478,000,557	156,708	483,375,547	169,930	504,398,500	192,620	617,935,164
Sabah	207,213	698,314,950	202,857	729,547,000	178,046	634,942,564	175,121	701,634,634	160,269	495,401,690
W.Persekutuan Labuan	15,993	60,132,178	14,014	51,929,758	9,334	38,300,304	9,534	38,988,232	10,012	40,273,084
Jumlah Kecil/*Sub.Total*	345,120	1,210,760,545	351,803	1,259,477,315	344,088	1,156,618,415	354,585	1,245,021,366	362,901	1,153,609,938
Jumlah Besar/ *Grand.Total*	1,248,402	4,143,274,322	1,285,696	4,399,238,970	1,231,289	4,166,112,789	1,272,078	4,206,804,450	1,283,255	4,013,619,991

NOTA/*NOTE*

Gred 1 - **Bawal Tambak, Bawal Putih, Bawal Hitam, Bawal Selatan, Senangin/Kurau/Senohong, Tenggiri, Parang, Kerapu, dan Jenahak.**

(Gred 1) - *Chinese Pomfret, Silver Pomfret, Black pomfret, Small Pomfret, Threadfin, Spanish Mackerel, Wolf Herring, Grouper and Mangrove Snapper*

Gred 11 - **Terubuk, Puput/Beliak Mata/Tirok, Merah, Kaci, Cermin/Sagai/Cupak, Demuduk/Rambai dan Siakap.**

(Grade 11) - *Longtail Shad, Shads/Slender Shads, Red Snapper, Sweetlip, Horse Mackeral and Giant Sea Perch.*

Gred 111 - **Lain-Lain Ikan Termasuk Ikan Bilis, Sotong, Ketam dan Ubor-ubor.**

(Gred 111) - *Other Species Include Anchovy, Squids, Crabs and Jellyfish.*

Jadual *(Table)* **9.1**

MALAYSIA

KUANTITI DAN PERATUS PENDARATAN SERTA NILAI IKAN LAUT MENGIKUT NEGERI, 2003

QUANTITY AND PERCENTAGE OF LANDINGS AND VALUES OF MARINE FISH BY STATE, 2003

Negeri *State*	**Kuantiti Pendaratan Dalam Tan/Metrik** *Quantity Of Landings (Tonnes)*	**Peratus/** *Percentage* **%**	**Nilai Dalam Ringgit** *Values In Ringgit*	**Peratus/** *Percentage* **%**
Pantai Barat *(West Coast)*				
Perlis	79,515	6.20	182,655,340	4.55
Kedah	80,526	6.28	314,761,552	7.84
Pulau Pinang	32,207	2.51	122,251,266	3.05
Perak	227,503	17.73	706,515,954	17.60
Selangor	112,790	8.79	338,256,013	8.43
Negeri Sembilan	301	0.02	3,651,254	0.09
Melaka	1,809	0.14	17,398,138	0.43
Johor Barat *(West Johor)*	9,754	0.76	67,654,073	1.69
Jumlah Kecil/*Sub.Total*	**544,406**	**42.42**	**1,753,143,591**	**43.68**
Pantai Timur/*East Coast*				
Kelantan	75,068	5.85	198,667,823	4.95
Terengganu	90,935	7.09	346,328,875	8.63
Pahang	132,590	10.33	365,161,944	9.10
Johor Timur *(East Johor)*	77,356	6.03	196,707,821	4.90
Jumlah Kecil/*Sub.Total*	**375,949**	**29.30**	**1,106,866,463**	**27.58**
Sarawak	192,620	15.01	617,935,164	15.40
Sabah	160,269	12.49	495,401,690	12.34
W.Persekutuan Labuan	10,012	0.78	40,273,084	1.00
Jumlah Kecil/*Sub.Total*	**362,901**	**28.28**	**1,153,609,938**	**28.74**
Jumlah Besar/*Grand Total*	**1,283,256**	**100**	**4,013,619,992**	**100**

SEMENANJUNG MALAYSIA / PENINSULAR MALAYSIA
PENGGUNAAN PENDARATAN IKAN LAUT, 2003
DISPOSITION OF MARINE FISH LANDINGS, 2003

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*	79,312	30,949	31,306	110,698	43,942	301	1,494	3,512	301,514	44,204	68,101	117,659	40,227	270,191	571,705
Disejuk bekukan *Disposed for freezing*	0	0	0	2,243	483	0	0	927	3,653	0	0	0	0	0	3,653
Ditinkan *Disposed for canning*	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na		
Diawetkan: *Disposed for curing:*															
Kering/Masin/Salai *Dried/Salted/Smoked*	64	19,151	559	9,409	2,477	0	67	62	31,789	7,204	1,770	656	0	9,631	41,420
Kukus/Rebus *Steamed/Boiled*	0	0	0	3,253	0	0	0	0	3,253	0	0	0	0	0	3,253
Jeruk *Fermented*	114	181	341	4,298	1,798	0	248	596	7,577	3,834	40	0	1,659	5,533	13,110
Pelbagai *Others*	24	4,453	0	32,739	0	0	0	4,418	41,634	12,028	132	415	0	12,576	54,210
Digunakan untuk tepung ikan *Disposed for reduction*	0	25,668	0	64,754	62,410	0	0	0	152,832	0	0	8,881	34,679	43,560	196,392
Untuk kegunaan pelbagai *Disposed for others*	2	124	0	109	1,679	0	0	240	2,153	7,798	20,891	4,978	791	34,458	36,611
Jumlah (Tan Metrik) *Total (Tonnes)*	79,515	80,526	32,207	227,503	112,789	301	1,809	9,754	544,405	75,068	90,935	132,590	77,356	375,949	920,353

Na: Tiada maklumat
No information available

SEMENANJUNG MALAYSIA / PENINSULAR MALAYSIA
HASIL LAUT YANG DIAWETKAN, 2003
PROCESSED MARINE FISH PRODUCTS, 2003
(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/ Cuttle Paste*	**Belacan** *Shrimp Paste*	**Cincaluk** *Pickled Prawn*	**Budu** *Fermented Anchovies*	**Bebola Ikan** *Fish Ball*	**Bebola Sotong** *Cuttle-Fish Ball*
Pantai Barat *West Coast*															
Perlis	35.35	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.30	0.00	0.00	14.40	0.00
Kedah	251.00	4,683.00	0.00	0.00	0.00	0.00	0.00	21.50	6,417.00	0.00	57.88	0.00	0.00	1,415.00	0.00
Pulau Pinang	159.70	0.00	73.20	0.00	0.00	0.00	0.00	0.00	0.00	11.10	73.55	0.00	0.00	0.00	0.00
Perak	1,200.62	189.79	250.04	0.00	164.50	0.00	0.00	12,950.82	16,188.49	0.00	1,373.15	0.00	0.00	5,110.67	0.00
Selangor	1,030.44	0.00	23.75	28.08	54.93	0.00	0.00	24.98	15,602.58	0.00	574.56	0.00	0.00	980.48	0.00
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	0.00	0.00
Melaka	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	37.00	0.00	0.00	0.00
Johor Barat/ *West Johor*	29.20	0.00	3.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.25	13.40	0.00	567.90	505.00
Jum.Kecil *Sub-Total*	**2,746.31**	**4,872.79**	**351.38**	**28.08**	**219.43**	**0.00**	**0.00**	**12,997.30**	**38,208.07**	**11.10**	**2,331.69**	**50.40**	**0.00**	**8,088.45**	**505.00**
Pantai Timur *East Coast*															
Kelantan	756.72	1,485.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,151.40	499.00	0.00
Terengganu	538.52	105.58	0.00	112.17	0.00	0.00	0.00	0.00	0.00	0.00	6.83	0.00	5.70	62.89	0.00
Pahang	98.98	122.79	0.00	0.00	0.00	0.00	0.00	0.00	2,220.28	0.00	0.00	0.00	0.00	124.01	0.00
Johor Timur *East Johor*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,669.82	0.00	530.00	0.00	0.00	0.00	0.00
Jum Kecil *Sub-Total*	**1,394.22**	**1,713.37**	**0.00**	**112.17**	**0.00**	**0.00**	**0.00**	**0.00**	**10,890.10**	**0.00**	**536.83**	**0.00**	**1,157.10**	**685.90**	**0.00**
Jumlah Besar *Grand-Total*	**4,140.53**	**6,586.16**	**351.38**	**140.25**	**219.43**	**0.00**	**0.00**	**12,997.30**	**49,098.17**	**11.10**	**2,868.52**	**50.40**	**1,157.10**	**8,774.35**	**505.00**

Nota : Tiada hasil awet bagi ikan beku.
Note: (No production of processed marine fish products or frozen fish)

SEMENANJUNG MALAYSIA / PENINSULAR MALAYSIA
HASIL LAUT YANG DIAWETKAN, 2003
PROCESSED MARINE FISH PRODUCTS, 2003
(Timbangan dalam Tan Metrik / Weight in Tonnes)

JADUAL *(Table)* **10.2**
(sambungan)

Bebola Udang *Prawn Ball*	**Kek Ikan** *Fish Cake*	**Otak-Otak** *Fish Paste*	**Surimi** *surimi*		**Keropok** *Crakers*		**Satay Ikan** *Satay Fish*	**Sotong Beku** *Frozen Cuttle-Fish*	**Udang/ Kupang** *Frozen Prawn/ Mussels*	**Sotong Berempah**	**Moruku**	**Nugget**	**Lala** *frozen shell-fish*	**Ikan Rebus** *Fish Boiled*	**JUMLAH** *Total*
			Surimi Ikan *Fish Surimi*	**Sotong Paste** *Cuttle-Fish Paste*	**Ikan** *Fish*	**Udang/ Sotong** *Prawn/ Cuttle Fish*									
0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.45
0.00	0.00	0.00	0.00	1,230.00	69.00	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,155.88
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	0.00	0.00	317.55
0.00	0.00	0.00	0.00	0.00	70.80	0.00	1,542.90	820.86	522.06	0.00	0.00	0.00	0.00	2,602.09	42,986.79
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	48.27	0.00	18,368.07
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	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	0.00	0.00	0.00	0.00	0.00	117.00
326.00	173.00	363.20	262.65	172.00	151.00	4.60	0.00	0.00	555.00	66.20	2.20	231.00	0.00	0.00	3,601.79
326.00	**173.00**	**363.20**	**262.65**	**1,402.00**	**292.00**	**16.10**	**1,542.90**	**820.86**	**1,077.06**	**66.20**	**2.20**	**231.00**	**48.27**	**2,602.09**	**79,635.53**
0.00	0.00	0.00	0.00	0.00	5,063.55	0.00	0.00	0.00	0.00	0.00	8,955.67	0.00	0.00	0.00	17,911.34
0.00	16.27	0.00	0.00	0.00	13,565.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,413.56
0.00	124.77	0.00	0.00	0.00	3,232.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,923.31
0.00	0.00	0.00	0.00	0.00	513.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,713.31
0.00	**141.04**	**0.00**	**0.00**	**0.00**	**22,375.12**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**8,955.67**	**0.00**	**0.00**	**0.00**	**47,961.52**
326.00	**314.04**	**363.20**	**262.65**	**1,402.00**	**22,667.12**	**16.10**	**1,542.90**	**820.86**	**1,077.06**	**66.20**	**8,957.87**	**231.00**	**48.27**	**2,602.09**	**127,597.05**

Jadual (*Table*) **11.1**

MALAYSIA

KILANG AIR BATU DAN KEMUDAHAN PENYEJUKAN, 2003

ICE FACTORIES AND REFRIGERATION FACILITIES, 2003

(**Kuantiti Dalam Tan Metrik** / *Quantity in Tonnes*)

Negeri *State*	**Bilangan Kilang Air Batu** *(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	170	0	8.00	10.00	0.00	2	160	0
Kedah	3	450	0	8.00	0.00	0.00	58	444	556
P. Pinang	42	511	0	0.00	8.00	0.00	79	1,176	11,622.50
Perak	15	1,406	14.5	22.90	7.50	0.00	128	1,627	1,396.00
Selangor	2	348	0.00	8.00	16.50	0.00	69	458.95	239
Melaka	2	130	2.00-3.00	0.00	0.00	0.00	27	55	700
Negeri Sembilan	0	0	-	-	-	-	0	0	0
Johor Barat / *West Johor*	3	119	3.00	0.00	6.00-10.00		9	82	80
Johor Timur / *East Johor*	5	48	2.00	8.00			12	226	8
Kelantan	11	150	5.00	6.00	7.00	10.00	19	281	431
Terengganu	8	241	2.75	8.50	8.75	0.00	32	273.8	1045
Pahang	16	377	0.00	7.00	9.00	0.00	42	421.5	135
Sarawak	47	630.04	0.8-7.00	3.6-11.00	3.6-11.00		177	2,088	6,358
Sabah	53	652	5.00	9.00	11.00		112	1,599	3,052
W.P.Labuan/*Labuan Fed.Territory*	4	41.3	3.30-4.00	0.00	0.00	9.90	4	75	30
Jumlah / *Total*	**213**	**5,273**					**770**	**8,967**	**25,653**

Jadual *(Table)* **12.1**

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL PERIKANAN, 2003
FISHERIES REVENUE, 2003
(HASIL DALAM RM /REVENUE IN RM)

Jenis Hasil *Type Of Revenue* / Negeri *State*	Hasil Negeri *State Revenue*						Hasil Persekutuan *Federal Revenue*							Jumlah *Grand Total*
	Lesen *License*		Patil Perahu *Boat No. Plate*	Sistem Kultur Laut *Marine Culture System*	Pelbagai *contoh H.Penyu*	Jumlah *Total*	Jualan Perikanan				Kompaun/ Denda *Compound/ Fine*	Jualan Pelbagai *Contoh Kad Nelayan dll Miscellaneous*	Jumlah *Total*	
	Perahu *Vessel*	Alat Menangkap Ikan *Fishing Appliances*					Benih Ikan *Fry Fish*	Patil *Tin Plate*	Lelong Ikan *Fish Auction*	Buku Log *Log Book*				
Perlis	36,862.50	259,210.00	3,150.00	0.00	0.00	299,222.50	0.00	960.00	0.00	0.00	0.00	1,053.20	2,013.20	301,235.70
Kedah	52,435.00	273,302.00	7,568.00	0.00	0.00	333,305.00	5,925.00	700.00	10,241.00	0.00	251,000.00	22,926.20	290,792.20	624,097.20
Pulau Pinang	25,457.50	64,747.00	9,970.00	6,680.00	0.00	106,854.50	0.00	0.00	2,070.00	0.00	67,800.00	765.60	70,635.60	177,490.10
Perak	238,368.00	527,192.00	24,540.00	68,163.00	0.00	858,263.00	20,750.00	1,524.00	1,661.00	0.00	90,900.00	70,838.10	185,673.10	1,043,936.10
Selangor	89,620.00	162,752.00	15,615.00	6,008.00	0.00	273,995.00	0.00	1,600.00	616.00	0.00	44,100.00	1,024.80	47,340.80	321,335.80
N.Sembilan	1,185.50	734.00	1,235.00	80.00	10,000.00	13,234.50	0.00	0.00	0.00	0.00	0.00	32.20	32.20	13,266.70
Melaka	2,855.50	2,164.00	4,055.00	255.00	0.00	9,329.50	0.00	0.00	0.00	0.00	0.00	140.00	140.00	9,469.50
Kelantan	47,634.00	1,176,061.00	4,068.00	1,215.00	0.00	1,228,978.00	5,020.00	3,000.00	112,655.00	0.00	58,350.00	1,143.00	180,168.00	1,409,146.00
Terengganu	57,081.50	342,998.00	10,994.00	5,215.00	0.00	416,288.50	2,500.00	400.00	117,075.00	0.00	72,315.00	12,639.50	204,929.50	621,218.00
Pahang	69,579.00	343,175.00	6,709.00	100.00	0.00	419,563.00	1,200.00	640.00	5,715.00	0.00	81,956.00	1,866.60	91,377.60	510,940.60
Johor	115,621.50	241,514.00	17,855.00	18,002.00	0.00	392,992.50	0.00	0.00	6,665.00	0.00	42,400.00	147,905.05	196,970.05	589,962.55
Jumlah Besar *Grand Total*	**736,700.00**	**3,393,849.00**	**105,759.00**	**105,718.00**	**10,000.00**	**4,352,026.00**	**35,395.00**	**8,824.00**	**256,698.00**	**0.00**	**708,821.00**	**260,334.25**	**1,270,072.25**	**5,622,098.25**

Jadual *(Table)* **12.2**

MALAYSIA
BILANGAN DAN PENGELUARAN KILANG "FEEDMILL"
MENGIKUT NEGERI, 2003
NUMBER AND PRODUCTION OF FEEDMILLS
BY STATE, 2003

Negeri *State*	**Bilangan** *Number*	**Pengeluaran (Tan metrik)** *Production (Tonnes)*
Perlis	0	0.00
Kedah	4	4,695.00
Pulau Pinang	2	210.00
Perak	6	21,026.00
Selangor	2	45,000.00
Negeri Sembilan	1	300.00
Melaka	1	11,000.00
Johor	4	16,200.00
Pahang	1	2,220.28
Terengganu	1	900.00
Kelantan	0	0.00
Sarawak	3	3,349.85
Sabah	2	4,075.70
Jumlah*/Total*	27	108,976.83


AKUAKULTUR
AQUACULTURE

Jadual *(Table)* **13.1**

MALAYSIA

ANGGARAN BILANGAN DAN LUAS KOLAM DAN SANGKAR AIR TAWAR,BEKAS LOMBONG ,TANGKI SIMEN DAN KANDANG SERTA BILANGAN PENTERNAK MENGIKUT SISTEM TERNAKAN DAN NEGERI, 2003

ESTIMATED NUMBER AND AREA OF FRESHWATER PONDS AND CAGES, EX-MINING POOLS, CEMENT TANKS, PEN CULTURE AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 2003

Negeri *State*	Kolam Air Tawar *Freshwater Ponds*			Sangkar Air Tawar *Freshwater Cages*			Bekas Lombong *Ex-Mining Ponds*			Tangki Simen *Cement Tanks*			Kandang Ikan *Pen Culture*			Jumlah penternak Air tawar *Total No.Of Freshwater Culturists*
	Bil *No*	Luas (Ha) *Area (Ha)*	Bil Penternak *No. Of Culturist*	Bil. *No.*	Luas (m^2) *Area (m^2)*	Bil. Penternak *No. Of Culturist*	Bil. *No.*	Luas (Ha) *Area (Ha)*	Bil. Penternak *No. Of Culturist*	Bil. *No.*	Luas (m^2) *Area (m^2)*	Bil. Penternak *No. Of Culturist*	Bil. *No.*	Luas (Ha) *Area (Ha)*	Bil. Penternak *No. Of Culturist*	
Perlis	201	19.59	105	652	18,828.00	3	0	0.00	0	3	345.00	3	0	0.00	0	**111**
Kedah	1,915	193.26	690	737	6,821.36	16	0	0.00	0	3	104.00	2	13	1.33	13	**721**
Pulau Pinang	187	46.73	116	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	**116**
Perak	2,529	792.15	1,099	686	13,500.00	52	288	1,363.26	174	40	12,500.00	12	122	13.54	89	**1,426**
Selangor	2,191	588.45	652	223	5,023.55	15	101	234.83	57	192	34,223.25	36	0	0.00	0	**760**
Negeri Sembilan	2,158	431.51	1,098	498	6,661.00	6	0	0.00	0	105	4,934.06	30	0	0.00	0	**1,134**
Melaka	567	103.38	349	606	5,636.00	4	0	0.00	0	6	243.32	3	0	0.00	0	**356**
Johor	2,343	314.27	424	95	1,075.00	6	0	0.00	0	63	1,324.97	9	0	0.00	0	**439**
Pahang	1,982	334.21	1,110	4,429	54,243.22	650	20	754.00	20	55	604.60	8	0	0.00	0	**1,788**
Terengganu	1,297	113.51	614	2,369	58,035.18	274	0	0.00	0	178	2,875.56	60	0	0.00	0	**948**
Kelantan	1,748	184.66	926	1,383	35,047.55	97	0	0.00	0	66	1,730.00	32	416	70.23	351	**1,406**
Sarawak	2,260	152.22	1,260	3,447	31,000.00	146	0	0.00	0	0	0.00	0	0	0.00	0	**1,406**
Sabah	17,794	1,547.11	5,891	224	2,566.30	21	0	0.00	0	609	27,626.85	156	0	0.00	0	**6,068**
Jumlah/*Total*	**37,172**	**4,821.05**	**14,334**	**15,349**	**238,437.16**	**1,290**	**409**	**2,352.09**	**251**	**1,320**	**86,511.61**	**351**	**551**	**85.10**	**453**	**16,679**

MALAYSIA

ANGGARAN BILANGAN DAN LUAS KOLAM DAN SANGKAR AIR PAYAU/MASIN, KERANG, SIPUT SUDU, TIRAM DAN RUMPAI LAUT

SERTA BILANGAN PENTERNAK MENGIKUT SISTEM TERNAKAN DAN NEGERI, 2003

ESTIMATED NUMBER AND AREA OF BRACKISHWATER/ MARINE PONDS AND CAGES, COCKLES, MUSSELS, OYSTERS AND SEAWEEDS

AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 2003

Negeri *State*	Kolam Air Payau Brackishwater *Ponds*			Sangkar Air Payau *Brackishwater Cages*			Kerang *Cockles*			Siput Sudu *Mussels*			Tiram *Oysters*			Rumpai Laut *Seaweeds*			Jumlah pen-ternak Air payau *Total No. Of Brackish water Culturists*	Jumlah Pen-ternak Akua-kultur *Grand Total Aqua culture Cultu-rist*
	Bil. *No.*	Luas (Ha) *Area (Ha)*	Bil. Pen-ternak *No. Of Cul-turist*	Bil. *No.*	Luas (m2) *Area (m2)*	Bil. Pen-ternak *No. Of Cul-turist*	Bil. *No.*	Luas (Ha) *Area (Ha)*	Bil. Pen-ternak *No. Of Cul-turist*	Bil. *No.*	Luas m2) *Area (m2)*	Bil. Pen-ternak *No. Of Cul-turist*	Bil. *No.*	Luas (m2) *Area (m2)*	Bil. Pen-ternak *No. Of Cul-turist*	Bil. *No.*	Luas (Ha) *Area (Ha)*	Bil. Pen-ternak *No. Of Cul-turist*		
Perlis	49	33.80	10	50	125.00	1	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	11	122
Kedah	1,036	725.19	157	4,843	48,117.51	129	5	52.49	3	8	2,050.88	6	6	2,788.83	3	0	0.00	0	298	1,019
Pulau Pinang	603	335.02	97	35,352	331,856.00	237	61	899.85	61	0	0.00	0	90	1,400.00	8	0	0.00	0	403	519
Perak	1,783	1,094.00	160	16,178	138,000.00	149	296	5,495.35	220	30	2,180.00	4	0	0.00	0	0	0.00	0	533	1,959
Selangor	1,040	566.81	161	7,356	122,982.34	35	25	954.07	25	0	0.00	0	0	0.00	0	0	0.00	0	221	981
Negeri Sembilan	151	116.09	8	62	1,417.12	3	0	0.00	0	9	2,030.23	9	0	0.00	0	0	0.00	0	20	1,154
Melaka	99	51.16	20	312	6,240.00	1	0	0.00	0	57	8,733.06	45	0	0.00	0	0	0.00	0	66	422
Johor	1,066	858.02	106	9,188	257,078.21	211	2	45.30	2	363	88,021.76	76	7	7,000.00	10	0	0.00	0	405	844
Pahang	503	462.71	15	33	439.00	3	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	18	1,806
Terengganu	391	69.27	66	1,862	40,334.20	115	0	0.00	0	0	0.00	0	107	20,725.32	37	0	0.00	0	218	1,166
Kelantan	118	53.06	42	2,064	41,141.00	162	0	0.00	0	0	0.00	0	37	1,410.80	6	0	0.00	0	210	1,616
Sarawak	315	1,127.47	315	1,427	13,100.00	296	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	611	2,017
Sabah	2,073	1,518.07	82	2,292	33,833.72	309	0	0.00	0	207	6,800.82	207	218	69,887.30	218	605	1,206.25	605	1421	7,489
Jumlah/*Total*	9,227	7,010.67	1,239	81,019	1,034,664.10	1,651	389	7,447.06	311	674	109,816.75	347	465	103,212.25	282	605	1,206.25	605	4,435	21,114

Jadual*(Table)* **14.1**

MALAYSIA

ANGGARAN JUMLAH PENGELUARAN AKUAKULTUR MENGIKUT NEGERI DAN SISTEM TERNAKAN, 2003

ESTIMATED AQUCULTURE PRODUCTION BY STATE AND CULTURE SYSTEM,2003

(TAN METRIK/*TONNES)*

Negeri *State*	**Air Tawar/***Freshwater*						**Air Payau/***Brackishwater*							**Jumlah Besar** *Grand Total*
	Kolam *Ponds*	**Bekas Lombong** *Ex-Mining Pools*	**Sangkar** *Cages*	**Tangki Simen** *Cement Tanks*	**Kandang Ikan** *Pen Culture*	**Jumlah Kecil** *Sub Total*	**Kolam** *Ponds*	**Sangkar** *Cages*	**Kerang** *Cockles*	**Siput Sudu** *Mussels*	**Tiram** *Oyster*	**Rumpai Laut** *Seaweed*	**Jumlah Kecil** *Sub Total*	
Perlis	63.52	0.00	46.67	0.44	0.00	**110.63**	63.48	86.10	0.00	0.00	0.00	0.00	**149.58**	**260.21**
Kedah	904.94	0.00	97.94	0.00	0.85	**1,003.73**	1,712.99	1,171.30	712.84	7.63	6.31	0.00	**3,611.07**	**4,614.80**
Pulau Pinang	377.08	0.00	0.00	0.00	0.00	**377.08**	859.01	2,617.44	9,424.23	0.00	32.73	0.00	**12,933.41**	**13,310.49**
Perak	6,695.93	6,046.20	290.69	319.38	167.65	**13,519.85**	7,152.83	883.12	55,964.07	42.55	0.00	0.00	**64,042.57**	**77,562.42**
Selangor	7,023.57	443.65	32.32	1,082.07	0.00	**8,581.61**	3,015.57	1,876.57	4,624.35	0.00	0.00	0.00	**9,516.49**	**18,098.10**
Negeri Sembilan	3,065.47	0.00	119.22	14.06	0.00	**3,198.75**	555.50	5.85	0.00	1.35	0.00	0.00	**562.70**	**3,761.45**
Melaka	1,390.13	0.00	235.27	0.88	0.00	**1,626.28**	140.40	116.90	0.80	81.86	0.00	0.00	**339.96**	**1,966.24**
Johor	5,442.99	0.00	21.35	9.91	0.00	**5,474.25**	3,739.30	3,412.61	341.00	7,395.06	5.44	0.00	**14,893.41**	**20,367.66**
Pahang	2,187.02	5.66	1,774.88	0.00	0.00	**3,967.56**	2,112.82	2.44	0.00	0.00	0.00	0.00	**2,115.26**	**6,082.82**
Terengganu	458.15	0.00	2,562.84	40.17	0.00	**3,061.16**	177.24	274.08	0.00	0.00	24.03	0.00	**475.35**	**3,536.51**
Kelantan	541.31	0.00	101.00	6.79	206.33	**855.43**	172.16	187.58	0.00	0.00	0.00	0.00	**359.74**	**1,215.17**
Sarawak	1,703.60	0.00	529.37	0.00	0.00	**2,232.97**	6,742.90	236.00	0.00	0.00	0.00	0.00	**6,978.90**	**9,211.87**
Sabah	5,824.99	0.00	84.69	27.63	0.00	**5,937.31**	2,865.33	113.95	0.00	173.28	187.92	27,607.90	**30,948.38**	**36,885.69**
Jumlah/*Total*	**35,678.70**	**6,495.51**	**5,896.24**	**1,501.33**	**374.83**	**49,946.61**	**29,309.53**	**10,983.94**	**71,067.29**	**7,701.73**	**256.43**	**27,607.90**	**146,926.82**	**196,873.43**

Jadual*(Table)* **14.2**

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN AKUAKULTUR MENGIKUT NEGERI DAN SISTEM TERNAKAN, 2003

ESTIMATED WHOLESALE VALUE OF AQUACULTURE PRODUCTION BT STATE AND CULTURE SYSTEM, 2003

(RM ' 000)

Negeri *State*	Air Tawar/*Freshwater*						Air Payau/*Brackishwater*							Jumlah Besar *Grand Total*
	Kolam *Ponds*	Bekas Lombong *Ex-Mining Pools*	Sangkar *Cages*	Tangki Simen *Cement Tanks*	Kandang Ikan *Pen Culture*	Jumlah Kecil *Sub Total*	Kolam *Ponds*	Sangkar *Cages*	Kerang *Cockles*	Siput Sudu *Mussels*	Tiram *Oyster*	Rumpai Laut *Seaweed*	Jumlah Kecil *Sub Total*	
Perlis	419.46	0.00	186.68	1.48	0.00	**607.62**	1,104.64	1,205.40	0.00	0.00	0.00	0.00	**2,310.04**	**2,917.66**
Kedah	3,520.68	0.00	390.49	0.00	3.16	**3,914.33**	36,697.30	15,685.29	727.10	8.39	63.10	0.00	**53,181.18**	**57,095.51**
Pulau Pinang	1,877.51	0.00	0.00	0.00	0.00	**1,877.51**	16,357.64	41,829.99	7,256.66	0.00	475.24	0.00	**65,919.53**	**67,797.04**
Perak	24,966.89	20,921.62	1,205.65	1,250.09	653.48	**48,997.73**	182,572.59	12,591.64	44,211.62	34.04	0.00	0.00	**239,409.89**	**288,407.62**
Selangor	22,770.28	1,779.12	124.46	4,541.73	0.00	**29,215.59**	61,873.90	24,959.02	4,300.65	0.00	0.00	0.00	**91,133.57**	**120,349.16**
Negeri Sembilan	16,644.70	0.00	456.61	42.32	0.00	**17,143.63**	13,098.69	70.20	0.00	2.03	0.00	0.00	**13,170.92**	**30,314.55**
Melaka	5,642.10	0.00	1,043.64	3.41	0.00	**6,689.15**	3,116.21	683.13	0.80	72.04	0.00	0.00	**3,872.18**	**10,561.33**
Johor	26,437.90	0.00	185.90	34.64	0.00	**26,658.44**	79,405.93	51,489.77	272.80	2,218.52	81.60	0.00	**133,468.62**	**160,127.06**
Pahang	12,028.94	24.35	11,388.15	0.00	0.00	**23,441.44**	50,989.59	27.38	0.00	0.00	0.00	0.00	**51,016.97**	**74,458.41**
Terengganu	2,529.04	0.00	15,382.52	179.76	0.00	**18,091.32**	3,425.73	2,453.22	0.00	0.00	267.45	0.00	**6,146.40**	**24,237.72**
Kelantan	2,506.83	0.00	443.63	26.45	1,068.17	**4,045.08**	4,527.80	1,948.13	0.00	0.00	0.00	0.00	**6,475.93**	**10,521.01**
Sarawak	11,540.96	0.00	3,440.91	0.00	0.00	**14,981.87**	154,969.55	2,798.29	0.00	0.00	0.00	0.00	**157,767.84**	**172,749.71**
Sabah	44,646.63	0.00	684.06	221.04	0.00	**45,551.73**	91,690.56	831.70	0.00	519.84	375.84	13,803.95	**107,221.89**	**152,773.62**
Jumlah/*Total*	**175,531.92**	**22,725.09**	**34,932.70**	**6,300.92**	**1,724.81**	**241,215.44**	**699,830.13**	**156,573.16**	**56,769.63**	**2,854.86**	**1,263.23**	**13,803.95**	**931,094.96**	**1,172,310.40**

Jadual*(Table)* **14.3**

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN AKUAKULTUR MENGIKUT NEGERI DAN SISTEM TERNAKAN, 2003

ESTIMATED RETAIL VALUE OF AQUACULTURE PRODUCTION BY STATE AND CULTURE SYSTEM, 2003

(RM '000)

Negeri *State*	Air Tawar/*Freshwater*						Air Payau /*Brackishwater*							Jumlah Besar *Grand Total*
	Kolam *Ponds*	Bekas Lombong *Ex-Mining Pools*	Sangkar *Cages*	Tangki Simen *Cement Tanks*	Kandang Ikan *Pen Culture*	Jumlah Kecil *Sub Total*	Kolam *Ponds*	Sangkar *Cages*	Kerang *Cockles*	Siput Sudu *Mussels*	Tiram *Oyster*	Rumpai Laut *Seaweed*	Jumlah Kecil *Sub Total*	
Perlis	598.21	0.00	233.35	1.85	0.00	**833.41**	1,486.86	1,377.60	0.00	0.00	0.00	0.00	**2,864.46**	**3,697.87**
Kedah	5,621.48	0.00	563.64	0.00	4.64	**6,189.76**	45,304.45	20,701.83	1,140.54	13.35	94.65	0.00	**67,254.82**	**73,444.58**
Pulau Pinang	2,351.34	0.00	0.00	0.00	0.00	**2,351.34**	18,578.35	47,563.53	9,141.50	0.00	671.62	0.00	**75,955.00**	**78,306.34**
Perak	37,218.94	31,466.02	1,724.47	1,752.04	969.52	**73,130.99**	225,912.57	16,412.91	73,872.57	58.72	0.00	0.00	**316,256.77**	**389,387.76**
Selangor	32,107.39	2,314.10	160.41	5,954.29	0.00	**40,536.19**	73,349.73	29,532.85	7,583.93	0.00	0.00	0.00	**110,466.51**	**151,002.70**
Negeri Sembilan	23,193.95	0.00	664.06	72.97	0.00	**23,930.98**	16,065.06	87.75	0.00	2.70	0.00	0.00	**16,155.51**	**40,086.49**
Melaka	7,793.06	0.00	1,369.28	4.67	0.00	**9,167.01**	3,820.70	968.05	1.20	112.97	0.00	0.00	**4,902.92**	**14,069.93**
Johor	38,471.05	0.00	265.81	53.61	0.00	**38,790.47**	106,445.84	64,081.92	511.50	5,176.54	92.48	0.00	**176,308.28**	**215,098.75**
Pahang	17,357.41	42.41	13,590.85	0.00	0.00	**30,990.67**	59,842.97	39.16	0.00	0.00	0.00	0.00	**59,882.13**	**90,872.80**
Terengganu	3,386.24	0.00	20,589.29	252.36	0.00	**24,227.89**	4,007.06	3,066.66	0.00	0.00	345.07	0.00	**7,418.79**	**31,646.68**
Kelantan	3,452.68	0.00	608.62	37.53	1,419.68	**5,518.51**	5,071.78	2,341.32	0.00	0.00	0.00	0.00	**7,413.10**	**12,931.61**
Sarawak	14,988.77	0.00	4,499.65	0.00	0.00	**19,488.42**	175,190.26	2,352.37	0.00	0.00	0.00	0.00	**177,542.63**	**197,031.05**
Sabah	55,742.40	0.00	853.44	276.30	0.00	**56,872.14**	108,882.54	1,192.55	0.00	606.48	751.68	19,325.53	**130,758.78**	**187,630.92**
Jumlah/*Total*	**242,282.92**	**33,822.53**	**45,122.87**	**8,405.62**	**2,393.84**	**332,027.78**	**843,958.17**	**189,718.50**	**92,251.24**	**5,970.76**	**1,955.50**	**19,325.53**	**1,153,179.70**	**1,485,207.48**

Jadual*(Table)* **14.4**

MALAYSIA

ANGGARAN PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR TAWAR MENGIKUT SPESIS, 2003

ESTIMATED AQUACULTURE PRODUCTION FROM FRESHWATER CULTURE SYSTEM BY SPECIES, 2003

(TAN METRIK*/TONNES)*

Spesis *Species*	**Sistem Ternakan** *Culture System*					**Jumlah** *Total*
	Kolam Air Tawar *Freshwater Ponds*	**Sangkar Air Tawar** *Freshwater Cages*	**Bekas Lombong** *Ex-Mining Pools*	**Tangki Simen** *Cement Tanks*	**Kandang** *Pen Culture*	
Lampam Jawa *Javanese Carp*	1,050.95	24.50	156.96	0.00	12.06	**1,244.47**
Lee Koh *Common Carp*	721.09	0.00	26.18	0.00	0.00	**747.27**
Kap Rumput *Grass Carp*	1,030.45	4.53	60.80	0.00	25.38	**1,121.16**
Kap Kepala Besar *Big Head Carp*	138.24	0.00	1,059.02	0.00	4.83	**1,202.09**
Udang Galah *Giant Freshwater Prawn*	627.14	0.00	0.00	0.00	0.00	**627.14**
Tilapia Hitam *Black Tilapia*	1,537.00	59.39	660.47	19.61	0.15	**2,276.62**
Tilapia Merah *Red Tilapia*	11,961.33	3,235.42	3,318.31	1,381.16	165.00	**20,061.22**
Jelawat *River Carp*	611.76	9.54	96.65	0.00	5.64	**723.59**
Keli *Freshwater Catfish*	12,594.10	0.00	17.19	82.82	2.44	**12,696.55**
Ketutu *Goby*	679.61	3.86	0.00	0.00	0.00	**683.47**
Belut *Eel*	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin *River Catfish*	1,955.14	1,596.23	621.59	1.35	107.57	**4,281.88**
Toman *Giant Snakehead*	804.65	0.00	0.00	0.00	0.00	**804.65**
Baung *River Catfish*	443.69	879.82	3.87	0.00	38.28	**1,365.66**
Pelbagai *Others*	1,523.55	82.95	474.47	16.39	13.48	**2,110.84**
Jumlah *Total*	**35,678.70**	**5,896.24**	**6,495.51**	**1,501.33**	**374.83**	**49,946.61**

Jadual*(Table)* **14.5**

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR TAWAR MENGIKUT SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF AQUACULTURE PRODUCTION FROM FRESHWATER CULTURE SYSTEM BY SPECIES, 2003

(RM ' 000)

Spesis *Species*	**Sistem Ternakan** *Culture System*					**Jumlah** *Total*
	Kolam Air Tawar *Freshwater Ponds*	**Sangkar Air Tawar** *Freshwater Cages*	**Bekas Lombong** *Ex-Mining Pools*	**Tangki Simen** *Cement Tanks*	**Kandang** *Pen Culture*	
Lampam Jawa *Javanese Carp*	5,337.78	124.52	615.80	0.00	58.57	**6,136.67**
Lee Koh *Common Carp*	3,111.37	0.00	108.61	0.00	0.00	**3,219.98**
Kap Rumput *Grass Carp*	4,034.15	38.75	298.79	0.00	128.17	**4,499.86**
Kap Kepala Besar *Big Head Carp*	415.91	0.00	2,662.35	0.00	12.12	**3,090.38**
Udang Galah *Giant Freshwater Prawn*	10,755.83	0.00	0.00	0.00	0.00	**10,755.83**
Tilapia Hitam *Black Tilapia*	13,981.32	432.63	1,889.42	119.99	0.55	**16,423.91**
Tilapia Merah *Red Tilapia*	67,314.90	15,735.17	13,112.18	5,820.35	689.96	**102,672.56**
Jelawat *River Carp*	4,200.36	81.71	414.98	0.00	21.04	**4,718.09**
Keli *Freshwater Catfish*	32,531.91	0.00	43.83	297.86	8.77	**32,882.37**
Ketutu *Goby*	8,781.33	135.78	0.00	0.00	0.00	**8,917.11**
Belut *Eel*	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin *River Catfish*	9,471.59	10,226.28	2,118.16	3.53	415.78	**22,235.34**
Toman *Giant Snakehead*	5,147.89	0.00	0.00	0.00	0.00	**5,147.89**
Baung *River Catfish*	3,643.62	7,708.70	32.74	0.00	345.67	**11,730.73**
Pelbagai *Others*	6,803.96	449.16	1,428.23	59.19	44.18	**8,784.72**
Jumlah *Total*	**175,531.92**	**34,932.70**	**22,725.09**	**6,300.92**	**1,724.81**	**241,215.44**

Jadual*(Table)* **14.6**

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR TAWAR MENGIKUT SPESIS, 2003

ESTIMATED RETAIL VALUE OF AQUACULTURE PRODUCTION FROM FRESHWATER CULTURE SYSTEM BY SPECIES, 2003

(RM ' 000)

Spesis *Species*	**Sistem Ternakan** *Culture System*					**Jumlah** *Total*
	Kolam Air Tawar *Freshwater Ponds*	**Sangkar Air Tawar** *Freshwater Cages*	**Bekas Lombong** *Ex-Mining Pools*	**Tangki Simen** *Cement Tanks*	**Kandang** *Pen Culture*	
Lampam Jawa *Javanese Carp*	7,140.70	172.50	926.81	0.00	84.65	**8,324.66**
Lee Koh *Common Carp*	3,902.85	0.00	158.57	0.00	0.00	**4,061.42**
Kap Rumput *Grass Carp*	5,825.52	48.48	403.51	0.00	186.54	**6,464.05**
Kap Kepala Besar *Big Head Carp*	671.57	0.00	4,742.52	0.00	21.64	**5,435.73**
Udang Galah *Giant Freshwater Prawn*	13,440.09	0.00	0.00	0.00	0.00	**13,440.09**
Tilapia Hitam *Black Tilapia*	17,604.71	557.08	3,046.28	151.43	0.77	**21,360.27**
Tilapia Merah *Red Tilapia*	91,037.69	21,733.69	18,267.02	7,734.51	957.84	**139,730.75**
Jelawat *River Carp*	5,992.29	124.08	856.27	0.00	50.42	**7,023.06**
Keli *Freshwater Catfish*	53,634.33	0.00	69.62	447.50	12.79	**54,164.24**
Ketutu *Goby*	10,578.57	162.62	0.00	0.00	0.00	**10,741.19**
Belut *Eel*	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin *River Catfish*	12,338.44	11,391.88	3,314.79	5.29	583.38	**27,633.78**
Toman *Giant Snakehead*	7,106.42	0.00	0.00	0.00	0.00	**7,106.42**
Baung *River Catfish*	4,836.18	10,337.81	47.56	0.00	433.71	**15,655.26**
Pelbagai *Others*	8,173.56	594.73	1,989.58	66.89	62.10	**10,886.86**
Jumlah *Total*	**242,282.92**	**45,122.87**	**33,822.53**	**8,405.62**	**2,393.84**	**332,027.78**

MALAYSIA

ANGGARAN PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR PAYAU/MASIN MENGIKUT SPESIS, 2003

ESTIMATED AQUACULTURE PRODUCTION FROM BRACKISHWATER CULTURE SYSTEM BY SPECIES, 2003

(TAN METRIK*/TONNES)*

Spesis *Species*	Sistem Ternakan *Culture System*						Jumlah *Total*
	Kolam Air Payau *Brackishwater Ponds*	Sangkar Air Payau *Brackishwater Cages*	Kerang *Cockles*	Siput Sudu *Mussels*	Tiram *Oysters*	Rumpai Laut (Basah) *SeaweEd (wet)*	
Siakap *Barramundi*	721.83	3,489.10	0.00	0.00	0.00	0.00	**4,210.93**
Siakap Merah *Mangrove Red Snapper*	0.00	706.56	0.00	0.00	0.00	0.00	**706.56**
Banding *Milkfish*	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kerapu *Grouper*	340.37	1,636.96	0.00	0.00	0.00	0.00	**1,977.33**
Jenahak *Mangrove Snapper*	179.03	2,172.52	0.00	0.00	0.00	0.00	**2,351.55**
Udang Putih *Banana Prawn*	803.59	0.00	0.00	0.00	0.00	0.00	**803.59**
Udang Harimau *Tiger Prawn*	25,375.12	0.00	0.00	0.00	0.00	0.00	**25,375.12**
Ketam *Mud Crab*	7.88	195.95	0.00	0.00	0.00	0.00	**203.83**
Ketam Telur *Berried crabs*	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tilapia Merah *Red Tilapia*	54.33	167.74	0.00	0.00	0.00	0.00	**222.07**
Merah *Red Snapper*	173.18	1,228.91	0.00	0.00	0.00	0.00	**1,402.09**
Kerang Dewasa *Cockles*	0.00	0.00	71,067.29	0.00	0.00	0.00	**71,067.29**
Siput sudu *Mussels*	0.00	0.00	0.00	7,701.73	0.00	0.00	**7,701.73**
Tiram *Oysters*	0.00	0.00	0.00	0.00	256.43	0.00	**256.43**
Rumpai laut *Seaweed*	0.00	0.00	0.00	0.00	0.00	27,607.90	**27,607.90**
Pelbagai *Others*	1,654.20	1,386.20	0.00	0.00	0.00	0.00	**3,040.40**
Jumlah *Total*	**29,309.53**	**10,983.94**	**71,067.29**	**7,701.73**	**256.43**	**27,607.90**	**146,926.82**

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR PAYAU/MASIN MENGIKUT SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF AQUACULTURE PRODUCTION FROM BRACKISHWATER CULTURE SYSTEM BY SPECIES, 2003

(RM ' 000)

Spesis *Species*	**Sistem Ternakan** *Culture System*						**Jumlah** *Total*
	Kolam Air Payau *Brackishwater Ponds*	**Sangkar Air Payau** *Brackishwater Cages*	**Kerang** *Cockles*	**Siput Sudu** *Mussels*	**Tiram** *Oysters*	**Rumpai Laut (basah)** *Seaweed (wet)*	
Siakap *Barramundi*	8,589.73	40,671.13	0.00	0.00	0.00	0.00	**49,260.86**
Siakap Merah *Mangrove Red Snapper*	0.00	8,415.69	0.00	0.00	0.00	0.00	**8,415.69**
Banding *Milkfish*	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kerapu *Grouper*	9,080.47	40,873.62	0.00	0.00	0.00	0.00	**49,954.09**
Jenahak *Mangrove Snapper*	2,404.53	30,087.02	0.00	0.00	0.00	0.00	**32,491.55**
Udang Putih *Banana Prawn*	18,307.14	0.00	0.00	0.00	0.00	0.00	**18,307.14**
Udang Harimau *Tiger Prawn*	608,707.07	0.00	0.00	0.00	0.00	0.00	**608,707.07**
Ketam *Mud Crab*	72.55	2,945.97	0.00	0.00	0.00	0.00	**3,018.52**
Ketam Telur *Berried crabs*	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tilapia Merah *Red Tilapia*	217.85	831.24	0.00	0.00	0.00	0.00	**1,049.09**
Merah *Red Snapper*	2,308.49	16,204.78	0.00	0.00	0.00	0.00	**18,513.27**
Kerang Dewasa *Cockles*	0.00	0.00	56,769.63	0.00	0.00	0.00	**56,769.63**
Siput sudu *Mussels*	0.00	0.00	0.00	2,854.86	0.00	0.00	**2,854.86**
Tiram *Oysters*	0.00	0.00	0.00	0.00	1,263.23	0.00	**1,263.23**
Rumpai laut *Seaweed*	0.00	0.00	0.00	0.00	0.00	13,803.95	**13,803.95**
Pelbagai *Others*	50,142.30	16,543.71	0.00	0.00	0.00	0.00	**66,686.01**
Jumlah *Total*	**699,830.13**	**156,573.16**	**56,769.63**	**2,854.86**	**1,263.23**	**13,803.95**	**931,094.96**

Jadual(*Table*) **14.9**

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN AKUAKULTUR DARIPADA SISTEM TERNAKAN AIR PAYAU/MASIN MENGIKUT SPESIS, 2003

ESTIMATED RETAIL VALUEOF AQUACULTURE PRODUCTION FROM BRACKISHWATER CULTURE SYSTEM BY SPECIES, 2003

(RM ' 000)

Spesis *Species*	**Sistem Ternakan** *Culture System*						**Jumlah** *Total*
	Kolam Air Payau *Brackishwater Ponds*	**Sangkar Air Payau** *Brackishwater Cages*	**Kerang** *Cockles*	**Siput Sudu** *Mussels*	**Tiram** *Oysters*	**Rumpai Laut (basah)** *Seaweed (wet)*	
Siakap *Barramundi*	10,575.90	49,459.08	0.00	0.00	0.00	0.00	**60,034.98**
Siakap Merah *Mangrove Red Snapper*	0.00	9,949.97	0.00	0.00	0.00	0.00	**9,949.97**
Banding *Milkfish*	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kerapu *Grouper*	10,876.67	49,426.11	0.00	0.00	0.00	0.00	**60,302.78**
Jenahak *Mangrove Snapper*	3,161.34	37,832.93	0.00	0.00	0.00	0.00	**40,994.27**
Udang Putih *Banana Prawn*	22,694.36	0.00	0.00	0.00	0.00	0.00	**22,694.36**
Udang Harimau *Tiger Prawn*	723,823.66	0.00	0.00	0.00	0.00	0.00	**723,823.66**
Ketam *Mud Crab*	95.94	3,479.90	0.00	0.00	0.00	0.00	**3,575.84**
Ketam Telur *Berried crabs*	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tilapia Merah *Red Tilapia*	287.30	1,185.33	0.00	0.00	0.00	0.00	**1,472.63**
Merah *Red Snapper*	3,087.80	18,951.80	0.00	0.00	0.00	0.00	**22,039.60**
Kerang Dewasa *Cockles*	0.00	0.00	92,251.24	0.00	0.00	0.00	**92,251.24**
Siput sudu *Mussels*	0.00	0.00	0.00	5,970.76	0.00	0.00	**5,970.76**
Tiram *Oysters*	0.00	0.00	0.00	0.00	1,955.50	0.00	**1,955.50**
Rumpai laut *Seaweed*	0.00	0.00	0.00	0.00	0.00	19,325.53	**19,325.53**
Pelbagai *Others*	69,355.20	19,433.38	0.00	0.00	0.00	0.00	**88,788.58**
Jumlah *Total*	**843,958.17**	**189,718.50**	**92,251.24**	**5,970.76**	**1,955.50**	**19,325.53**	**1,153,179.70**

Jadual*(Table)* **15.1**

MALAYSIA
BILANGAN DAN LUAS KOLAM AIR TAWAR YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003
NUMBER AND AREA OF FRESHWATER PONDS IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Kolam Air Tawar** *Freshwater Ponds*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (Ha)** *Area(Ha)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	201	19.59	9	2	94	0	**105**
Kedah	1,915	193.26	659	22	0	9	**690**
Pulau Pinang	187	46.73	100	12	1	3	**116**
Perak	2,529	792.15	919	150	11	19	**1,099**
Selangor	2,191	588.45	392	158	30	72	**652**
Negeri Sembilan	2,158	431.51	868	165	14	51	**1,098**
Melaka	567	103.38	296	46	3	4	**349**
Johor	2,343	314.27	255	131	5	33	**424**
Pahang	1,982	334.21	972	125	3	10	**1,110**
Terengganu	1,297	113.51	612	2	0	0	**614**
Kelantan	1,748	184.66	907	8	0	11	**926**
Sarawak	2,260	152.22	24	107	0	1,129	**1,260**
Sabah	17,794	1,547.11	117	876	0	4,898	**5,891**
Jumlah*/Total*	**37,172**	**4,821.05**	**6,130**	**1,804**	**161**	**6,239**	**14,334**

MALAYSIA

ANGGARAN PENGELUARAN IKAN DARI KOLAM AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND SPECIES, 2003

(TAN METRIK*/TONNES)*

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	0.00	0.00	0.00	0.00	0.00	0.00	7.14	54.10	0.00	0.00	0.00	0.00	0.00	0.00	2.28	**63.52**
Kedah	47.91	3.64	0.57	0.00	27.93	14.34	122.22	2.61	646.79	0.00	0.00	2.52	0.00	1.42	34.99	**904.94**
Pulau Pinang	4.43	5.00	4.00	8.50	29.10	0.00	11.07	0.00	309.73	0.00	0.00	0.00	0.00	0.00	5.25	**377.08**
Perak	301.68	65.08	177.99	23.71	71.71	23.66	2,804.57	144.03	2,691.28	0.00	0.00	252.94	0.00	40.66	98.62	**6,695.93**
Selangor	47.13	45.66	224.63	51.01	3.99	185.23	1,051.27	88.95	3,988.97	0.66	0.00	481.61	0.00	252.88	601.58	**7,023.57**
Negeri Sembilan	29.20	9.97	36.45	1.51	232.70	30.73	2,444.45	3.47	227.45	2.40	0.00	15.22	0.00	0.00	31.92	**3,065.47**
Melaka	31.25	0.20	1.09	0.00	0.75	25.78	152.82	1.75	814.23	0.00	0.00	0.49	0.00	0.00	361.77	**1,390.13**
Johor	0.00	0.90	18.95	0.00	29.75	0.00	651.43	0.00	3,365.47	197.27	0.00	278.13	718.74	101.76	80.59	**5,442.99**
Pahang	135.99	31.29	222.09	33.67	0.23	5.14	1,169.61	23.07	39.90	0.77	0.00	381.31	82.77	0.25	60.93	**2,187.02**
Terengganu	16.27	0.00	4.61	0.00	12.66	14.13	202.06	4.55	58.21	0.29	0.00	102.74	0.00	33.99	8.64	**458.15**
Kelantan	56.28	4.70	14.09	0.43	1.26	22.68	148.52	32.79	114.57	0.71	0.00	94.78	0.00	11.76	38.74	**541.31**
Sarawak	100.44	84.49	31.59	0.00	2.47	0.00	722.97	239.19	125.06	0.06	0.00	312.51	3.14	0.97	80.71	**1,703.60**
Sabah	280.37	470.16	294.39	19.41	214.59	1,215.31	2,473.20	17.25	212.44	477.45	0.00	32.89	0.00	0.00	117.53	**5,824.99**
Jumlah*/Total*	**1,050.95**	**721.09**	**1,030.45**	**138.24**	**627.14**	**1,537.00**	**11,961.33**	**611.76**	**12,594.10**	**679.61**	**0.00**	**1,955.14**	**804.65**	**443.69**	**1,523.55**	**35,678.70**

Nota: Pelbagai - Termasuk ikan haruan, sepat siam dan lain lain

Note; Miscellaneous - Includes snake head, snakeskin gouramy and others

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIR TAWAR

MENGIKUT NEGERI DAN SPESIS IKAN 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS

BY STATE AND FISH SPECIES, 2003

(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 *Miscell-aneous*	Jumlah *Total*
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	28.56	384.11	0.00	0.00	0.00	0.00	0.00	0.00	6.79	**419.46**
Kedah	186.37	23.66	3.42	0.00	704.12	52.20	487.66	18.53	1,908.03	0.00	0.00	19.53	0.00	12.89	104.27	**3,520.68**
Pulau Pinang	15.42	32.40	16.00	34.00	797.92	0.00	43.39	0.00	904.41	0.00	0.00	0.00	0.00	0.00	33.97	**1,877.51**
Perak	1,152.42	267.48	898.85	59.51	1,804.94	66.25	11,021.96	537.23	7,643.24	0.00	0.00	875.17	0.00	343.98	295.86	**24,966.89**
Selangor	238.95	194.51	1,073.73	151.50	95.72	683.50	4,457.38	599.52	10,171.87	22.44	0.00	1,329.24	0.00	1,947.18	1,804.74	**22,770.28**
Negeri Sembilan	110.38	40.58	139.24	5.27	5,959.45	102.32	9,362.24	15.55	684.62	64.99	0.00	49.62	0.00	0.00	110.44	**16,644.70**
Melaka	110.00	0.74	4.11	0.00	20.14	82.24	585.30	8.72	2,011.15	0.00	0.00	1.51	0.00	0.00	2,818.19	**5,642.10**
Johor	0.00	2.70	94.75	0.00	794.33	0.00	2,475.43	0.00	7,572.31	8,030.86	0.00	1,276.62	4,743.68	925.00	522.22	**26,437.90**
Pahang	840.42	169.59	843.94	92.59	6.99	20.92	6,350.98	269.23	119.70	13.28	0.00	2,669.17	379.09	3.84	249.20	**12,028.94**
Terengganu	100.39	0.00	29.97	0.00	292.19	61.47	889.06	36.40	260.78	10.20	0.00	526.03	0.00	297.75	24.80	**2,529.04**
Kelantan	287.03	25.15	79.89	1.76	25.89	94.58	660.91	248.55	412.45	21.56	0.00	384.81	0.00	106.19	158.06	**2,506.83**
Sarawak	803.52	591.36	157.95	0.00	44.46	0.00	4,699.31	1,913.52	625.30	1.80	0.00	2,187.57	25.12	6.79	484.26	**11,540.96**
Sabah	1,492.88	1,763.20	692.30	71.28	209.68	12,817.84	26,252.72	169.00	218.05	616.20	0.00	152.32	0.00	0.00	191.16	**44,646.63**
Jumlah*/Total*	**5,337.78**	**3,111.37**	**4,034.15**	**415.91**	**10,755.83**	**13,981.32**	**67,314.90**	**4,200.36**	**32,531.91**	**8,781.33**	**0.00**	**9,471.59**	**5,147.89**	**3,643.62**	**6,803.96**	**175,531.92**

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

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

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND SPECIES, 2003

(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 *Miscell-aneous*	Jumlah *Total*
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	35.70	551.82	0.00	0.00	0.00	0.00	0.00	0.00	10.69	**598.21**
Kedah	277.40	32.76	4.56	0.00	832.87	73.28	703.99	26.62	3,460.33	0.00	0.00	26.46	0.00	19.11	164.10	**5,621.48**
Pulau Pinang	19.49	39.05	20.00	51.00	916.65	0.00	52.69	0.00	1,211.04	0.00	0.00	0.00	0.00	0.00	41.42	**2,351.34**
Perak	1,773.88	413.26	1,308.23	106.22	2,311.93	108.84	15,425.14	1,287.63	12,191.50	0.00	0.00	1,373.46	0.00	499.71	419.14	**37,218.94**
Selangor	290.79	237.89	1,332.06	216.28	115.71	885.40	5,845.06	756.96	16,155.33	27.71	0.00	1,989.05	0.00	2,450.41	1,804.74	**32,107.39**
Negeri Sembilan	163.81	62.11	217.97	14.60	7,381.24	149.96	13,615.59	29.91	1,180.47	105.00	0.00	84.32	0.00	0.00	188.97	**23,193.95**
Melaka	166.56	1.13	5.81	0.00	24.11	114.21	803.83	12.18	3,436.05	0.00	0.00	2.19	0.00	0.00	3,226.99	**7,793.06**
Johor	0.00	4.50	123.18	0.00	983.83	0.00	3,595.89	0.00	13,764.77	9,670.18	0.00	1,874.60	6,432.72	1,321.86	699.52	**38,471.05**
Pahang	1,043.04	200.88	1,614.59	197.98	7.56	35.98	9,918.29	360.81	131.27	17.78	0.00	2,733.99	642.30	5.10	447.84	**17,357.41**
Terengganu	124.95	0.00	38.03	0.00	366.13	84.78	1,169.93	45.00	366.14	12.22	0.00	737.67	0.00	398.02	43.37	**3,386.24**
Kelantan	410.28	35.02	109.20	2.33	31.30	129.96	910.43	334.46	600.35	24.68	0.00	513.71	0.00	133.24	217.72	**3,452.68**
Sarawak	1,004.40	760.41	221.13	0.00	49.40	0.00	6,145.25	2,391.90	875.42	2.10	0.00	2,812.59	31.40	8.73	686.04	**14,988.77**
Sabah	1,866.10	2,115.84	830.76	83.16	419.36	16,022.30	32,815.90	195.00	261.66	718.90	0.00	190.40	0.00	0.00	223.02	**55,742.40**
Jumlah/*Total*	7,140.70	3,902.85	5,825.52	671.57	13,440.09	17,604.71	91,037.69	5,992.29	53,634.33	10,578.57	0.00	12,338.44	7,106.42	4,836.18	8,173.56	242,282.92

Nota: Pelbagai - Termasuk ikan haruan, sepat siam dan lain lain

Note; Miscellaneous - Includes snake head, snakeskin gouramy and others

Jadual*(Table)* 16.1

MALAYSIA

BILANGAN DAN LUAS BEKAS LOMBONG YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF EX-MINING POOLS IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Bekas Lombong** *Ex-Mining Pools*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (Ha)** *Area(Ha)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	0	0.00	0	0	0	0	**0**
Kedah	0	0.00	0	0	0	0	**0**
Pulau Pinang	0	0.00	0	0	0	0	**0**
Perak	288	1,363.26	55	105	3	11	**174**
Selangor	101	234.83	34	17	1	5	**57**
Negeri Sembilan	0	0.00	0	0	0	0	**0**
Melaka	0	0.00	0	0	0	0	**0**
Johor	0	0.00	0	0	0	0	**0**
Pahang	20	754.00	20	0	0	0	**20**
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*	**409**	**2,352.09**	**109**	**122**	**4**	**16**	**251**

Jadual (*Table*) **16.2**

MALAYSIA

ANGGARAN PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM EX-MINING POOLS BY STATE AND SPECIES, 2003

(TAN METRIK/*TONNES*)

Negeri *State*	**Lampam Jawa** *Javanese Carp*	**Lee Koh** *Commom Carp*	**Kap Rumput** *Grass Carp*	**Kap Kepala Besar** *Big Head Carp*	**Patin** *River Catfish*	**Tilapia Hitam** *Black Tilapia*	**Tilapia Merah** *Red Tilapia*	**Jelawat** *River Carp*	**Keli** *Freshwater Catfish*	**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	**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**
Pulau 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	144.08	19.45	30.26	1,049.78	575.10	615.41	3,092.15	78.55	0.00	3.87	437.55	**6,046.20**
Selangor	12.78	6.73	30.54	9.04	46.49	45.06	225.22	18.10	17.19	0.00	32.50	**443.65**
Negeri 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**
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	0.10	0.00	0.00	0.20	0.00	0.00	0.94	0.00	0.00	0.00	4.42	**5.66**
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	**156.96**	**26.18**	**60.80**	**1,059.02**	**621.59**	**660.47**	**3,318.31**	**96.65**	**17.19**	**3.87**	**474.47**	**6,495.51**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM EX-MINING POOLS BY STATE AND SPECIES, 2003

(RM '000)

Negeri *State*	**Lampam Jawa** *Javanese Carp*	**Lee Koh** *Common Carp*	**Kap Rumput** *Grass Carp*	**Kap Kepala Besar** *Big Head Carp*	**Baung** *River Catfish*	**Tilapia Hitam** *Black Tilapia*	**Tilapia Merah** *Red Tilapia*	**Jelawat** *River Carp*	**Keli** *Freshwater Catfish*	**Patin** *River Catfish*	**Pelbagai** *Miscell-aneous*	**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	0.00	**0.00**
Pulau 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	550.39	79.94	152.81	2,634.95	32.74	1,723.15	12,152.15	292.99	0.00	1,989.85	1,312.65	**20,921.62**
Selangor	64.79	28.67	145.98	26.85	0.00	166.27	954.93	121.99	43.83	128.31	97.50	**1,779.12**
Negeri 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**
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	0.62	0.00	0.00	0.55	0.00	0.00	5.10	0.00	0.00	0.00	18.08	**24.35**
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*	**615.80**	**108.61**	**298.79**	**2,662.35**	**32.74**	**1,889.42**	**13,112.18**	**414.98**	**43.83**	**2,118.16**	**1,428.23**	**22,725.09**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

Jadual*(Table)* **16.4**

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM EX-MINING POOLS BY STATE AND SPECIES, 2003

(RM '000)

Negeri *State*	**Lampam Jawa** *Javanese Carp*	**Lee Koh** *Common Carp*	**Kap Rumput** *Grass Carp*	**Kap Kepala Besar** *Big Head Carp*	**Baung** *River Catfish*	**Tilapia Hitam** *Black Tilapia*	**Tilapia Merah** *Red Tilapia*	**Jelawat** *River Carp*	**Keli** *Freshwater Catfish*	**Patin** *River Catfish*	**Pelbagai** *Miscell-aneous*	**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	0.00	**0.00**
Pulau 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	847.19	123.51	222.41	4,703.01	47.56	2,830.89	17,006.83	702.24	0.00	3,122.79	1,859.59	**31,466.02**
Selangor	78.85	35.06	181.10	38.33	0.00	215.39	1,252.22	154.03	69.62	192.00	97.50	**2,314.10**
Negeri 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**
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	0.77	0.00	0.00	1.18	0.00	0.00	7.97	0.00	0.00	0.00	32.49	**42.41**
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*	**926.81**	**158.57**	**403.51**	**4,742.52**	**47.56**	**3,046.28**	**18,267.02**	**856.27**	**69.62**	**3,314.79**	**1,989.58**	**33,822.53**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

Jadual*(Table)* 17.1

MALAYSIA

BILANGAN DAN LUAS SANGKAR AIR TAWAR YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF FRESHWATER CAGES IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri State	**Sangkar Air tawar** *Freshwater Cages*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (m2)** *Area(m2)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	652	18,828.00	3	0	0	0	**3**
Kedah	737	6,821.36	12	0	0	4	**16**
Pulau Pinang	0	0.00	0	0	0	0	**0**
Perak	686	13,500.00	50	2	0	0	**52**
Selangor	223	5,023.55	9	0	1	5	**15**
Negeri Sembilan	498	6,661.00	1	0	2	3	**6**
Melaka	606	5,636.00	1	1	0	2	**4**
Johor	95	1,075.00	3	2	0	1	**6**
Pahang	4,429	54,243.22	492	9	0	149	**650**
Terengganu	2,369	58,035.18	269	5	0	0	**274**
Kelantan	1,383	35,047.55	92	0	0	5	**97**
Sarawak	3,447	31,000.00	146	0	0	0	**146**
Sabah	224	2,566.30	14	4	0	3	**21**
Jumlah*/Total*	**15,349**	**238,437.16**	**1,092**	**23**	**3**	**172**	**1,290**

MALAYSIA

ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 2003

(TAN METRIK*/TONNES)*

Negeri *State*	**Lampam Jawa** *Javanese Carp*	**Lee Koh** *Commom 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	46.67	0.00	0.00	0.00	0.00	0.00	**46.67**
Kedah	0.00	0.00	0.00	0.00	0.00	0.73	97.09	0.02	0.00	0.00	0.00	0.10	**97.94**
Pulau 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	15.05	0.00	1.01	0.00	0.00	0.00	234.49	3.70	11.99	0.00	17.01	7.44	**290.69**
Selangor	0.00	0.00	0.00	0.00	0.00	0.20	22.85	0.00	4.06	0.00	0.00	5.21	**32.32**
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	119.22	0.00	0.00	0.00	0.00	0.00	**119.22**
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	199.27	0.00	0.00	0.00	0.00	36.00	**235.27**
Johor	0.00	0.00	0.00	0.00	0.00	0.00	1.45	0.00	0.11	0.00	19.79	0.00	**21.35**
Pahang	3.90	0.00	0.25	0.00	0.00	7.59	619.34	5.78	1,115.89	0.00	0.00	22.13	**1,774.88**
Terengganu	0.03	0.00	0.00	0.00	3.86	2.35	1,255.80	0.04	450.27	0.00	842.82	7.67	**2,562.84**
Kelantan	0.49	0.00	0.00	0.00	0.00	0.01	81.99	0.00	13.91	0.00	0.20	4.40	**101.00**
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	529.37	0.00	0.00	0.00	0.00	0.00	**529.37**
Sabah	5.03	0.00	3.27	0.00	0.00	48.51	27.88	0.00	0.00	0.00	0.00	0.00	**84.69**
Jumlah*/Total*	**24.50**	**0.00**	**4.53**	**0.00**	**3.86**	**59.39**	**3,235.42**	**9.54**	**1,596.23**	**0.00**	**879.82**	**82.95**	**5,896.24**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 2003

(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** *Miscell-aneous*	**Jumlah** *Total*
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	186.68	0.00	0.00	0.00	0.00	0.00	**186.68**
Kedah	0.00	0.00	0.00	0.00	0.00	2.66	387.39	0.14	0.00	0.00	0.00	0.30	**390.49**
Pulau 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	57.49	0.00	5.10	0.00	0.00	0.00	921.55	13.80	41.49	0.00	143.90	22.32	**1,205.65**
Selangor	0.00	0.00	0.00	0.00	0.00	0.74	96.88	0.00	11.21	0.00	0.00	15.63	**124.46**
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	456.61	0.00	0.00	0.00	0.00	0.00	**456.61**
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	763.20	0.00	0.00	0.00	0.00	280.44	**1,043.64**
Johor	0.00	0.00	0.00	0.00	0.00	0.00	5.51	0.00	0.50	0.00	179.89	0.00	**185.90**
Pahang	24.10	0.00	0.95	0.00	0.00	30.89	3,363.02	67.45	7,811.23	0.00	0.00	90.51	**11,388.15**
Terengganu	0.19	0.00	0.00	0.00	135.78	10.22	5,525.52	0.32	2,305.38	0.00	7,383.10	22.01	**15,382.52**
Kelantan	2.50	0.00	0.00	0.00	0.00	0.04	364.86	0.00	56.47	0.00	1.81	17.95	**443.63**
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	3,440.91	0.00	0.00	0.00	0.00	0.00	**3,440.91**
Sabah	40.24	0.00	32.70	0.00	0.00	388.08	223.04	0.00	0.00	0.00	0.00	0.00	**684.06**
Jumlah*/Total*	**124.52**	**0.00**	**38.75**	**0.00**	**135.78**	**432.63**	**15,735.17**	**81.71**	**10,226.28**	**0.00**	**7,708.70**	**449.16**	**34,932.70**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 2003

(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** *Miscell-aneous*	**Jumlah** *Total*
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	233.35	0.00	0.00	0.00	0.00	0.00	**233.35**
Kedah	0.00	0.00	0.00	0.00	0.00	3.73	559.24	0.20	0.00	0.00	0.00	0.47	**563.64**
Pulau 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	88.49	0.00	7.42	0.00	0.00	0.00	1,289.70	33.08	65.11	0.00	209.05	31.62	**1,724.47**
Selangor	0.00	0.00	0.00	0.00	0.00	0.96	127.05	0.00	16.77	0.00	0.00	15.63	**160.41**
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	664.06	0.00	0.00	0.00	0.00	0.00	**664.06**
Melaka	0.00	0.00	0.00	0.00	0.00	0.00	1,048.16	0.00	0.00	0.00	0.00	321.12	**1,369.28**
Johor	0.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.74	0.00	257.07	0.00	**265.81**
Pahang	29.91	0.00	1.82	0.00	0.00	53.13	5,252.00	90.40	8,000.93	0.00	0.00	162.66	**13,590.85**
Terengganu	0.23	0.00	0.00	0.00	162.62	14.10	7,271.08	0.40	3,232.94	0.00	9,869.42	38.50	**20,589.29**
Kelantan	3.57	0.00	0.00	0.00	0.00	0.06	502.60	0.00	75.39	0.00	2.27	24.73	**608.62**
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	4,499.65	0.00	0.00	0.00	0.00	0.00	**4,499.65**
Sabah	50.30	0.00	39.24	0.00	0.00	485.10	278.80	0.00	0.00	0.00	0.00	0.00	**853.44**
Jumlah*/Total*	**172.50**	**0.00**	**48.48**	**0.00**	**162.62**	**557.08**	**21,733.69**	**124.08**	**11,391.88**	**0.00**	**10,337.81**	**594.73**	**45,122.87**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

Jadual*(Table)* 18.1

MALAYSIA

BILANGAN DAN LUAS TANGKI SIMEN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF CEMENT TANKS IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Tangki Simen** *Cement Tanks*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas m2)** *Area(m2)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	3	345.00	3	0	0	0	**3**
Kedah	3	104.00	2	0	0	0	**2**
Pulau Pinang	0	0.00	0	0	0	0	**0**
Perak	40	12,500.00	10	2	0	0	**12**
Selangor	192	34,223.25	31	3	1	1	**36**
Negeri Sembilan	105	4,934.06	29	0	0	1	**30**
Melaka	6	243.32	3	0	0	0	**3**
Johor	63	1,324.97	9	0	0	0	**9**
Pahang	55	604.60	8	0	0	0	**8**
Terengganu	178	2,875.56	59	1	0	0	**60**
Kelantan	66	1,730.00	32	0	0	0	**32**
Sarawak	0	0.00	0	0	0	0	**0**
Sabah	609	27,626.85	6	29	0	121	**156**
Jumlah*/Total*	**1,320**	**86,511.61**	**192**	**35**	**1**	**123**	**351**

Jadual*(Table)* **18.2**

MALAYSIA

ANGGARAN PENGELUARAN IKAN DARI TANGKI SIMEN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM CEMENT TANKS BY STATE AND SPECIES, 2003

(TAN METRIK*/TONNES)*

Negeri *State*	**Keli** *Freshwater Catfish*	**Tilapia Merah** *Red Tilapia*	**Tilapia Hitam** *Black Tilapia*	**Patin** *River Catfish*	**Lampam Jawa** *Javanese Carp*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	0.00	0.37	0.00	0.07	0.00	0.00	**0.44**
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Perak	4.57	314.71	0.00	0.00	0.00	0.10	**319.38**
Selangor	14.31	1,045.46	8.55	1.28	0.00	12.47	**1,082.07**
Negeri Sembilan	14.06	0.00	0.00	0.00	0.00	0.00	**14.06**
Melaka	0.00	0.87	0.00	0.00	0.00	0.01	**0.88**
Johor	6.26	1.16	0.00	0.00	0.00	2.49	**9.91**
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terengganu	39.71	0.34	0.01	0.00	0.00	0.11	**40.17**
Kelantan	3.91	1.67	0.00	0.00	0.00	1.21	**6.79**
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sabah	0.00	16.58	11.05	0.00	0.00	0.00	**27.63**
Jumlah*/total*	**82.82**	**1,381.16**	**19.61**	**1.35**	**0.00**	**16.39**	**1,501.33**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

Jadual*(Table)* **18.3**

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI TANGKI SIMEN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM CEMENT TANKS BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	**Keli** *Freshwater Catfish*	**Tilapia Merah** *Red Tilapia*	**Tilapia Hitam** *Black Tilapia*	**Patin** *River Catfish*	**Lampam Jawa** *Javanese Carp*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	0.00	1.48	0.00	0.00	0.00	0.00	**1.48**
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Perak	12.98	1,236.81	0.00	0.00	0.00	0.30	**1,250.09**
Selangor	36.49	4,432.75	31.55	3.53	0.00	37.41	**4,541.73**
Negeri Sembilan	42.32	0.00	0.00	0.00	0.00	0.00	**42.32**
Melaka	0.00	3.33	0.00	0.00	0.00	0.08	**3.41**
Johor	14.09	4.41	0.00	0.00	0.00	16.14	**34.64**
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terengganu	177.90	1.50	0.04	0.00	0.00	0.32	**179.76**
Kelantan	14.08	7.43	0.00	0.00	0.00	4.94	**26.45**
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sabah	0.00	132.64	88.40	0.00	0.00	0.00	**221.04**
Jumlah*/total*	**297.86**	**5,820.35**	**119.99**	**3.53**	**0.00**	**59.19**	**6,300.92**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

Jadual*(Table)* **18.4**

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI TANGKI SIMEN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM CEMENT TANKS BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	**Keli** *Freshwater Catfish*	**Tilapia Merah** *Red Tilapia*	**Tilapia Hitam** *Black Tilapia*	**Patin** *River Catfish*	**Lampam Jawa** *Javanese Carp*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	0.00	1.85	0.00	0.00	0.00	0.00	**1.85**
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Perak	20.70	1,730.91	0.00	0.00	0.00	0.43	**1,752.04**
Selangor	57.96	5,812.76	40.87	5.29	0.00	37.41	**5,954.29**
Negeri Sembilan	72.97	0.00	0.00	0.00	0.00	0.00	**72.97**
Melaka	0.00	4.58	0.00	0.00	0.00	0.09	**4.67**
Johor	25.60	6.40	0.00	0.00	0.00	21.61	**53.61**
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terengganu	249.78	1.97	0.06	0.00	0.00	0.55	**252.36**
Kelantan	20.49	10.24	0.00	0.00	0.00	6.80	**37.53**
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sabah	0.00	165.80	110.50	0.00	0.00	0.00	**276.30**
Jumlah*/total*	**447.50**	**7,734.51**	**151.43**	**5.29**	**0.00**	**66.89**	**8,405.62**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

Jadual*(Table)* 19.1

MALAYSIA

BILANGAN DAN LUAS KANDANG IKAN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF PEN CULTURE IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Kandang ikan** *Pen Culture*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (Ha)** *Area(Ha)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	0	0.00	0	0	0	0	**0**
Kedah	13	1.33	13	0	0	0	**13**
Pulau Pinang	0	0.00	0	0	0	0	**0**
Perak	122	13.54	89	0	0	0	**89**
Selangor	0	0.00	0	0	0	0	**0**
Negeri Sembilan	0	0.00	0	0	0	0	**0**
Melaka	0	0.00	0	0	0	0	**0**
Johor	0	0.00	0	0	0	0	**0**
Pahang	0	0.00	0	0	0	0	**0**
Terengganu	0	0.00	0	0	0	0	**0**
Kelantan	416	70.23	351	0	0	0	**351**
Sarawak	0	0	0	0	0	0	**0**
Sabah	0	0	0	0	0	0	**0**
Jumlah*/Total*	**551**	**85.10**	**453**	**0**	**0**	**0**	**453**

MALAYSIA

ANGGARAN PENGELUARAN IKAN DARI KANDANG AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM FRESHWATER PEN CULTURE BY STATE AND SPECIES, 2003

(TAN METRIK/*TONNES*)

Negeri *State*	**Lampam Jawa** *Javanese Carp*	**Lee Koh** *Commom Carp*	**Kap Rumput** *Grass Carp*	**Kap Kepala Besar** *Big Head Carp*	**Ketutu** *Goby*	**Tilapia Hitam** *Black Tilapia*	**Tilapia Merah** *Red Tilapia*	**Jelawat** *River Carp*	**Keli** *Freshwater Catfish*	**Udang Galah** *Giant Fresh-Water Prawn*	**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	0.00	0.00	0.00	**0.00**
Kedah	0.21	0.00	0.00	0.00	0.00	0.15	0.32	0.00	0.02	0.00	0.00	0.00	0.00	0.15	**0.85**
Pulau 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	0.00	**0.00**
Perak	2.10	0.00	25.38	4.83	0.00	0.00	84.90	5.64	0.00	0.00	34.93	0.00	0.00	9.87	**167.65**
Selangor	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	0.00	**0.00**
Negeri 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	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	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	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	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	0.00	**0.00**
Kelantan	9.75	0.00	0.00	0.00	0.00	0.00	79.78	0.00	2.42	0.00	72.64	0.00	38.28	3.46	**206.33**
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	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	0.00	**0.00**
Jumlah*/Total*	**12.06**	**0.00**	**25.38**	**4.83**	**0.00**	**0.15**	**165.00**	**5.64**	**2.44**	**0.00**	**107.57**	**0.00**	**38.28**	**13.48**	374.83

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KANDANG AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PEN CULTURE BY STATE AND SPECIES, 2003

(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*	Ketutu *Goby*	Tilapia Hitam *Black Tilapia*	Tilapia Merah *Red Tilapia*	Jelawat *River Carp*	Keli *Freshwater Catfish*	Patin *River Catfish*	Toman Giant SnakeHead	Baung *River Catfish*	Pelbagai *Miscell-aneous*	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	0.00	**0.00**
Kedah	0.82	0.00	0.00	0.00	0.00	0.00	0.55	1.28	0.00	0.06	0.00	0.00	0.00	0.45	**3.16**
Pulau 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	0.00	**0.00**
Perak	8.02	0.00	128.17	12.12	0.00	0.00	0.00	333.66	21.04	0.00	120.86	0.00	0.00	29.61	**653.48**
Selangor	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	0.00	**0.00**
Negeri 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	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	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	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	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	0.00	**0.00**
Kelantan	49.73	0.00	0.00	0.00	0.00	0.00	0.00	355.02	0.00	8.71	294.92	0.00	345.67	14.12	**1,068.17**
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	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	0.00	**0.00**
Jumlah*/Total*	**58.57**	**0.00**	**128.17**	**12.12**	**0.00**	**0.00**	**0.55**	**689.96**	**21.04**	**8.77**	**415.78**	**0.00**	**345.67**	**44.18**	**1,724.81**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

Jadual*(Table)* **19.4**

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KANDANG AIR TAWAR MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PEN CULTURE BY STATE AND SPECIES, 2003

(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*	**Ketutu** *Goby*	**Tilapia Hitam** *Black Tilapia*	**Tilapia Merah** *Red Tilapia*	**Jelawat** *River Carp*	**Keli** *Freshwater Catfish*	**Patin** *River Catfish*	**Toman** Giant SnakeHead	**Baung** *River Catfish*	**Pelbagai** *Miscell-aneous*	**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	0.00	**0.00**
Kedah	1.22	0.00	0.00	0.00	0.00	0.00	0.77	1.84	0.00	0.11	0.00	0.00	0.00	0.70	**4.64**
Pulau 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	0.00	**0.00**
Perak	12.35	0.00	186.54	21.64	0.00	0.00	0.00	466.95	50.42	0.00	189.67	0.00	0.00	41.95	**969.52**
Selangor	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	0.00	**0.00**
Negeri 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	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	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	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	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	0.00	**0.00**
Kelantan	71.08	0.00	0.00	0.00	0.00	0.00	0.00	489.05	0.00	12.68	393.71	0.00	433.71	19.45	**1,419.68**
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	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	0.00	**0.00**
Jumlah*/Total*	**84.65**	**0.00**	**186.54**	**21.64**	**0.00**	**0.00**	**0.77**	**957.84**	**50.42**	**12.79**	**583.38**	**0.00**	**433.71**	**62.10**	**2,393.84**

Nota: Pelbagai-Termasuk ikan haruan, sepat siam dan lain-lain

Note: Micellaneous-Includes snake head, snakeskin gouramy and others

Jadual*(Table)* 20.1

MALAYSIA

BILANGAN DAN LUAS KOLAM AIR PAYAU/MASIN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF BRACKISHWATER PONDS IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Kolam Air Payau** *Brackishwater Ponds*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (Ha)** *Area(Ha)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	49	33.80	5	5	0	0	**10**
Kedah	1,036	725.19	90	32	3	32	**157**
Pulau Pinang	603	335.02	4	84	0	9	**97**
Perak	1,783	1,094.00	24	62	8	66	**160**
Selangor	1,040	566.81	95	34	0	32	**161**
Negeri Sembilan	151	116.09	0	2	0	6	**8**
Melaka	99	51.16	11	2	0	7	**20**
Johor	1,066	858.02	27	48	0	31	**106**
Pahang	503	462.71	6	3	1	5	**15**
Terengganu	391	69.27	65	1	0	0	**66**
Kelantan	118	53.06	40	2	0	0	**42**
Sarawak	315	1,127.47	113	202	0	0	**315**
Sabah	2,073	1,518.07	0	74	0	8	**82**
Jumlah*/Total*	**9,227**	**7,010.67**	**480**	**551**	**12**	**196**	**1,239**

Jadual*(Table)* **20.2**

MALAYSIA

ANGGARAN PENGELUARAN IKAN DARI KOLAM AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM BRACKISHWATER PONDS BY STATE AND SPECIES, 2003

(TAN METRIK*/TONNES)*

Negeri *State*	**Siakap** *Barramundi*	**Banding** *Milkfish*	**Kerapu** *Grouper*	**Jenahak** *Mangrove Snapper*	**Udang Putih** *Banana Prawn*	**Udang Harimau** *Tiger Prawn*	**Merah** *Red Snapper*	**Ketam** *Mud Crab*	**Tilapia Merah** *Red Tilapia*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	12.88	0.00	0.00	0.00	0.00	50.60	0.00	0.00	0.00	0.00	**63.48**
Kedah	61.00	0.00	28.33	28.34	0.46	1,594.86	0.00	0.00	0.00	0.00	**1,712.99**
Pulau Pinang	234.06	0.00	122.50	0.00	0.00	457.35	0.00	0.00	45.10	0.00	**859.01**
Perak	98.00	0.00	0.00	0.00	6.50	5,410.63	0.00	0.00	0.00	1,637.70	**7,152.83**
Selangor	0.40	0.00	0.00	0.00	22.05	2,977.67	0.00	0.00	0.45	15.00	**3,015.57**
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	555.50	0.00	0.00	0.00	0.00	**555.50**
Melaka	0.00	0.00	0.00	0.00	29.20	111.20	0.00	0.00	0.00	0.00	**140.40**
Johor	266.99	0.00	188.46	150.69	706.18	2,253.30	173.18	0.00	0.50	0.00	**3,739.30**
Pahang	0.00	0.00	0.00	0.00	39.20	2,073.62	0.00	0.00	0.00	0.00	**2,112.82**
Terengganu	39.30	0.00	1.08	0.00	0.00	132.48	0.00	2.88	0.00	1.50	**177.24**
Kelantan	9.15	0.00	0.00	0.00	0.00	157.76	0.00	0.00	5.25	0.00	**172.16**
Sarawak	0.05	0.00	0.00	0.00	0.00	6,734.82	0.00	5.00	3.03	0.00	**6,742.90**
Sabah	0.00	0.00	0.00	0.00	0.00	2,865.33	0.00	0.00	0.00	0.00	**2,865.33**
Jumlah/ *Total*	**721.83**	**0.00**	**340.37**	**179.03**	**803.59**	**25,375.12**	**173.18**	**7.88**	**54.33**	**1,654.20**	**29,309.53**

Nota: Pelbagai - Termasuk ikan banding, tanda, dengkis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes milkfish, snapper, rabbitfish, horse mackeral, queenfish and others

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	**Siakap** *Barramundi*	**Banding** *Milkfish*	**Kerapu** *Grouper*	**Jenahak** *Mangrove Snapper*	**Udang Putih** *Banana Prawn*	**Udang Harimau** *Tiger Prawn*	**Merah** *Red Snapper*	**Ketam** *Mud Crab*	**Tilapia Merah** *Red Tilapia*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	115.92	0.00	0.00	0.00	0.00	988.72	0.00	0.00	0.00	0.00	**1,104.64**
Kedah	674.66	0.00	561.78	340.08	1.96	35,118.82	0.00	0.00	0.00	0.00	**36,697.30**
Pulau Pinang	2,761.91	0.00	3,245.03	0.00	0.00	10,185.18	0.00	0.00	165.52	0.00	**16,357.64**
Perak	1,198.54	0.00	0.00	0.00	0.00	131,424.20	0.00	0.00	0.00	49,949.85	**182,572.59**
Selangor	4.72	0.00	0.00	0.00	253.58	61,429.33	0.00	0.00	2.07	184.20	**61,873.90**
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	13,098.69	0.00	0.00	0.00	0.00	**13,098.69**
Melaka	0.00	0.00	0.00	0.00	715.40	2,400.81	0.00	0.00	0.00	0.00	**3,116.21**
Johor	3,356.06	0.00	5,250.50	2,064.45	16,694.10	49,730.33	2,308.49	0.00	2.00	0.00	**79,405.93**
Pahang	0.00	0.00	0.00	0.00	642.10	50,347.49	0.00	0.00	0.00	0.00	**50,989.59**
Terengganu	384.35	0.00	23.16	0.00	0.00	2,987.42	0.00	22.55	0.00	8.25	**3,425.73**
Kelantan	93.06	0.00	0.00	0.00	0.00	4,404.66	0.00	0.00	30.08	0.00	**4,527.80**
Sarawak	0.51	0.00	0.00	0.00	0.00	154,900.86	0.00	50.00	18.18	0.00	**154,969.55**
Sabah	0.00	0.00	0.00	0.00	0.00	91,690.56	0.00	0.00	0.00	0.00	**91,690.56**
Jumlah*/Total*	**8,589.73**	**0.00**	**9,080.47**	**2,404.53**	**18,307.14**	**608,707.07**	**2,308.49**	**72.55**	**217.85**	**50,142.30**	**699,830.13**

Nota: Pelbagai - Termasuk ikan banding, tanda, dengkis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes milkfish, snapper, rabbitfish, horse mackeral, queenfish and others

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER PONDS BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	**Siakap** *Barramundi*	**Banding** *Milkfish*	**Kerapu** *Grouper*	**Jenahak** *Mangrove Snapper*	**Udang Putih** *Banana Prawns*	**Udang Harimau** *Tiger Prawn*	**Merah** *Red Snapper*	**Ketam** *Mud Crab*	**Tilapia Merah** *Red Tilapia*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	154.56	0.00	0.00	0.00	0.00	1,332.30	0.00	0.00	0.00	0.00	**1,486.86**
Kedah	875.35	0.00	751.88	453.44	3.07	43,220.71	0.00	0.00	0.00	0.00	**45,304.45**
Pulau Pinang	3,237.05	0.00	3,567.20	0.00	0.00	11,552.66	0.00	0.00	221.44	0.00	**18,578.35**
Perak	1,554.28	0.00	0.00	0.00	0.00	155,230.97	0.00	0.00	0.00	69,127.32	**225,912.57**
Selangor	5.76	0.00	0.00	0.00	319.73	72,804.03	0.00	0.00	2.71	217.50	**73,349.73**
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	16,065.06	0.00	0.00	0.00	0.00	**16,065.06**
Melaka	0.00	0.00	0.00	0.00	843.88	2,976.82	0.00	0.00	0.00	0.00	**3,820.70**
Johor	4,159.70	0.00	6,528.25	2,707.90	20,782.88	69,176.31	3,087.80	0.00	3.00	0.00	**106,445.84**
Pahang	0.00	0.00	0.00	0.00	744.80	59,098.17	0.00	0.00	0.00	0.00	**59,842.97**
Terengganu	476.32	0.00	29.34	0.00	0.00	3,455.08	0.00	35.94	0.00	10.38	**4,007.06**
Kelantan	112.18	0.00	0.00	0.00	0.00	4,923.69	0.00	0.00	35.91	0.00	**5,071.78**
Sarawak	0.70	0.00	0.00	0.00	0.00	175,105.32	0.00	60.00	24.24	0.00	**175,190.26**
Sabah	0.00	0.00	0.00	0.00	0.00	108,882.54	0.00	0.00	0.00	0.00	**108,882.54**
Jumlah*/Total*	**10,575.90**	**0.00**	**10,876.67**	**3,161.34**	**22,694.36**	**723,823.66**	**3,087.80**	**95.94**	**287.30**	**69,355.20**	**843,958.17**

Nota: Pelbagai - Termasuk ikan banding, tanda, dengkis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes milkfish, snapper, rabbitfish, horse mackeral, queenfish and others

Jadual*(Table)* **21.1**

MALAYSIA

BILANGAN DAN LUAS SANGKAR AIR PAYAU/MASIN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF BRACKISHWATER CAGES IN OPERATION AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Sangkar Air payau** *Brackishwater Cages*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (m2)** *Area(m2)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	50	125.00	0	1	0	0	**1**
Kedah	4,843	48,117.51	114	15	0	0	**129**
Pulau Pinang	35,352	331,856.00	34	201	0	2	**237**
Perak	16,178	138,000.00	5	141	0	3	**149**
Selangor	7,356	122,982.34	6	29	0	0	**35**
Negeri Sembilan	62	1,417.12	2	1	0	0	**3**
Melaka	312	6,240.00	0	1	0	0	**1**
Johor	9,188	257,078.21	99	105	1	6	**211**
Pahang	33	439.00	3	0	0	0	**3**
Terengganu	1,862	40,334.20	114	0	1	0	**115**
Kelantan	2,064	41,141.00	156	2	0	4	**162**
Sarawak	1,427	13,100.00	295	1	0	0	**296**
Sabah	2,292	33,833.72	63	27	0	219	**309**
Jumlah*/Total*	**81,019**	**1,034,664.10**	**891**	**524**	**2**	**234**	**1,651**

Jadual*(Table)* **21.2**

MALAYSIA

ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM BRACKISHWATER CAGES BY STATE AND SPECIES, 2003

(TAN METRIK*/TONNES)*

Negeri *State*	**Siakap** *Barramundi*	**Siakap Merah** *Mangrove Red Snapper*	**Kerapu** *Grouper*	**Jenahak** *Mangrove Snapper*	**Merah** *Red Snapper*	**Udang Putih** *Banana Prawn*	**Udang Harimau** *Tiger Prawn*	**Ketam** *Mud Crab*	**Ketam Telur** *Berried Crabs*	**Tilapia Merah** *Red Tilapia*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.10	0.00	0.00	0.00	**86.10**
Kedah	604.96	0.00	280.76	285.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**1,171.30**
Pulau Pinang	706.10	504.62	603.84	279.67	404.10	0.00	0.00	78.48	0.00	0.00	40.63	**2,617.44**
Perak	583.37	38.57	142.24	61.52	0.00	0.00	0.00	31.37	0.00	20.67	5.38	**883.12**
Selangor	235.02	3.95	18.37	577.38	717.29	0.00	0.00	0.00	0.00	0.22	324.34	**1,876.57**
Negeri Sembilan	5.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**5.85**
Melaka	3.45	9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.75	0.00	**116.90**
Johor	686.24	149.72	529.47	968.19	78.18	0.00	0.00	0.00	0.00	0.00	1,000.81	**3,412.61**
Pahang	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**2.44**
Terengganu	227.38	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	40.05	5.48	**274.08**
Kelantan	180.70	0.00	3.65	0.18	0.00	0.00	0.00	0.00	0.00	3.05	0.00	**187.58**
Sarawak	229.48	0.00	1.47	0.00	1.76	0.00	0.00	0.00	0.00	0.00	3.29	**236.00**
Sabah	24.11	0.00	55.99	0.00	27.58	0.00	0.00	0.00	0.00	0.00	6.27	**113.95**
Jumlah*/Total*	**3,489.10**	**706.56**	**1,636.96**	**2,172.52**	**1,228.91**	**0.00**	**0.00**	**195.95**	**0.00**	**167.74**	**1,386.20**	**10,983.94**

Nota: Pelbagai - Termasuk ikan tanda, dengkis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes snapper, rabbitfish, horse mackeral, queenfish and others

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER CAGES BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	**Siakap** *Barramundi*	**Siakap Merah** Mangrove *Red Snapper*	**Kerapu** *Grouper*	**Jenahak** *Mangrove Snapper*	**Merah** *Red Snapper*	**Udang Putih** *Banana Prawn*	**Udang Harimau** *Tiger Prawn*	**Ketam** *Mud Crab*	**Ketam Telur** *Berried Crabs*	**Tilapia Merah** *Red Tilapia*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,205.40	0.00	0.00	0.00	**1,205.40**
Kedah	6,690.86	0.00	5,567.47	3,426.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**15,685.29**
Pulau Pinang	8,331.98	6,105.90	15,995.72	3,920.97	5,802.88	0.00	0.00	1,347.50	0.00	0.00	325.04	**41,829.99**
Perak	7,134.62	372.20	3,520.44	912.34	0.00	0.00	0.00	393.07	0.00	94.88	164.09	**12,591.64**
Selangor	2,773.24	34.25	452.45	8,562.55	9,152.62	0.00	0.00	0.00	0.00	1.01	3,982.90	**24,959.02**
Negeri Sembilan	70.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**70.20**
Melaka	32.78	106.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	543.65	0.00	**683.13**
Johor	8,626.04	1,796.64	14,751.03	13,264.20	1,042.14	0.00	0.00	0.00	0.00	0.00	12,009.72	**51,489.77**
Pahang	27.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**27.38**
Terengganu	2,223.78	0.00	25.08	0.00	0.00	0.00	0.00	0.00	0.00	174.22	30.14	**2,453.22**
Kelantan	1,837.72	0.00	92.93	0.00	0.00	0.00	0.00	0.00	0.00	17.48	0.00	**1,948.13**
Sarawak	2,753.76	0.00	20.58	0.00	14.08	0.00	0.00	0.00	0.00	0.00	9.87	**2,798.29**
Sabah	168.77	0.00	447.92	0.00	193.06	0.00	0.00	0.00	0.00	0.00	21.95	**831.70**
Jumlah*/Total*	**40,671.13**	**8,415.69**	**40,873.62**	**30,087.02**	**16,204.78**	**0.00**	**0.00**	**2,945.97**	**0.00**	**831.24**	**16,543.71**	**156,573.16**

Nota: Pelbagai - Termasuk ikan tanda, dengkis, cermin, talang dan lain-lain

Note: Miscellaneous - Includes snapper, rabbitfish, horse mackeral, queenfish and others

MALAYSIA

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIR PAYAU/MASIN MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER CAGES BY STATE SPECIES, 2003

(RM ' 000)

Negeri *State*	**Siakap** *Barramundi*	**Siakap Merah** Mangrove *Red Snapper*	**Kerapu** *Grouper*	**Jenahak** *Mangrove Snapper*	**Merah** *Red Snapper*	**Udang Putih** *Banana Prawn*	**Udang Harimau** *Tiger Prawn*	**Ketam** *Mud Crab*	**Ketam Telur** *Berried Crabs*	**Tilapia Merah** *Red Tilapia*	**Pelbagai** *Miscellaneous*	**Jumlah** *Total*
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,377.60	0.00	0.00	0.00	**1,377.60**
Kedah	8,681.18	0.00	7,451.37	4,569.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**20,701.83**
Pulau Pinang	9,765.36	7,034.40	17,583.82	4,511.08	6,647.45	0.00	0.00	1,615.12	0.00	0.00	406.30	**47,563.53**
Perak	9,252.25	502.95	4,666.89	1,146.12	0.00	0.00	0.00	487.18	0.00	130.43	227.09	**16,412.91**
Selangor	3,384.29	40.72	550.92	10,208.08	10,644.58	0.00	0.00	0.00	0.00	1.33	4,702.93	**29,532.85**
Negeri Sembilan	87.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**87.75**
Melaka	50.34	126.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	791.61	0.00	**968.05**
Johor	10,691.62	2,245.80	18,340.84	17,398.37	1,393.95	0.00	0.00	0.00	0.00	0.00	14,011.34	**64,081.92**
Pahang	39.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**39.16**
Terengganu	2,755.85	0.00	31.79	0.00	0.00	0.00	0.00	0.00	0.00	241.10	37.92	**3,066.66**
Kelantan	2,215.38	0.00	105.08	0.00	0.00	0.00	0.00	0.00	0.00	20.86	0.00	**2,341.32**
Sarawak	2,294.80	0.00	23.52	0.00	17.60	0.00	0.00	0.00	0.00	0.00	16.45	**2,352.37**
Sabah	241.10	0.00	671.88	0.00	248.22	0.00	0.00	0.00	0.00	0.00	31.35	**1,192.55**
Jumlah/ *Total*	**49,459.08**	**9,949.97**	**49,426.11**	**37,832.93**	**18,951.80**	**0.00**	**0.00**	**3,479.90**	**0.00**	**1,185.33**	**19,433.38**	**189,718.50**

Nota: Pelbagai - Termasuk ikan tanda, dengkis, dermin, talang dan lain-lain

Note: Miscellaneous - Includes snapper, rabbitfish, horse mackeral, queenfish and others

MALAYSIA

BILANGAN DAN LUAS KAWASAN TERNAKAN KERANG SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF COCKLE CULTURE AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Ternakan Kerang** *Cockle Culture*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (Ha)** *Area(Ha)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	0	0.00	0	0	0	0	**0**
Kedah	5	52.49	3	0	0	0	**3**
Pulau Pinang	61	899.85	19	42	0	0	**61**
Perak	296	5,495.35	31	160	0	29	**220**
Selangor	25	954.07	16	4	0	5	**25**
Negeri Sembilan	0	0.00	0	0	0	0	**0**
Melaka	0	0.00	0	0	0	0	**0**
Johor	2	45.30	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*	**389**	**7,447.06**	**69**	**207**	**0**	**35**	**311**

Jadual*(Table)* **22.2**

MALAYSIA

ANGGARAN PENGELUARAN KERANG DEWASA MENGIKUT BULAN DAN NEGERI, 2003

ESTIMATED PRODUCTION OF COCKLES BY MONTH AND STATE, 2003

(TAN METRIK*/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	28.90	4.75	4.25	15.38	110.76	92.23	50.40	0.00	145.18	109.00	87.77	64.22	**712.84**
Pulau Pinang	817.37	772.73	833.72	838.22	753.78	810.54	780.01	813.47	806.79	738.89	698.29	760.42	**9,424.23**
Perak	4,704.55	3,836.35	4,647.35	4,593.09	4,744.57	4,571.77	4,539.44	4,423.67	4,117.21	5,281.22	5,697.85	4,807.00	**55,964.07**
Selangor	716.45	475.78	678.91	303.83	318.97	196.54	248.55	273.48	255.79	385.35	385.35	385.35	**4,624.35**
Negeri 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	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.80**
Johor*	35.21	78.13	99.85	0.00	73.64	32.51	15.15	0.00	0.00	0.00	0.00	6.51	**341.00**
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*	**6,302.48**	**5,167.74**	**6,264.08**	**5,751.32**	**6,001.72**	**5,703.59**	**5,633.55**	**5,510.62**	**5,324.97**	**6,514.46**	**6,869.26**	**6,023.50**	**71,067.29**

*** Kutipan dari semulajadi**

Collection from the wild

Jadual *(Table)* **22.3**

MALAYSIA

ANGGARAN PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 2003

ESTIMATED PRODUCTION OF COCKLE SEEDS BY MONTH AND STATE, 2003

(TAN METRIK*/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**
Pulau 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	0.00	0.00	0.00	210.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**210.00**
Selangor	29.25	110.63	225.51	287.81	36.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**690.00**
Negeri 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*	**29.25**	**110.63**	**225.51**	**497.81**	**36.80**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**900.00**

MALAYSIA

ANGGARAN NILAI BORONG PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 2003

ESTIMATED WHOLESALE VALUE OF PRODUCTION OF COCKLE SEEDS BY MONTH AND STATE, 2003

(RM ' 000)

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**
Pulau 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	0.00	0.00	0.00	987.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**987.00**
Selangor	146.25	553.15	1,127.55	1,439.05	184.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**3,450.00**
Negeri 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*	**146.25**	**553.15**	**1,127.55**	**2,426.05**	**184.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4,437.00**

Jadual*(Table)* **23.1**

MALAYSIA

BILANGAN DAN LUAS KAWASAN TERNAKAN SIPUT SUDU SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF MUSSEL CULTURE AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Ternakan Siput Sudu** Mussel *Culture*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (m2)** *Area(m2)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	0	0.00	0	0	0	0	**0**
Kedah	8	2,050.88	6	0	0	0	**6**
Pulau Pinang	0	0.00	0	0	0	0	**0**
Perak	30	2,180.00	1	1	0	2	**4**
Selangor	0	0.00	0	0	0	0	**0**
Negeri Sembilan	9	2,030.23	6	2	0	1	**9**
Melaka	57	8,733.06	44	0	0	1	**45**
Johor	363	88,021.76	54	20	0	2	**76**
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	207	6,800.82	0	0	0	207	**207**
Jumlah*/Total*	**674**	**109,816.75**	**111**	**23**	**0**	**213**	**347**

Jadual*(Table)* **23.2**

MALAYSIA

ANGGARAN PENGELUARAN SIPUT SUDU MENGIKUT BULAN DAN NEGERI, 2003

ESTIMATED PRODUCTION OF MUSSELS BY MONTH AND STATE, 2003

(TAN METRIK*/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	0.80	0.80	1.20	1.20	1.00	0.30	0.30	0.03	1.00	1.00	0.00	0.00	**7.63**
Pulau 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	0.00	0.00	0.00	0.00	30.00	5.00	3.00	0.00	0.00	4.55	0.00	0.00	**42.55**
Selangor	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**
Negeri Sembilan	0.20	0.30	0.45	0.20	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	**1.35**
Melaka	9.03	5.30	6.20	0.43	5.98	8.22	8.55	6.95	10.55	9.10	6.15	5.40	**81.86**
Johor	663.24	702.11	719.00	728.14	714.60	707.31	491.09	468.88	455.35	583.06	592.96	569.32	**7,395.06**
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	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	**173.28**
Jumlah*/Total*	**687.71**	**722.95**	**741.29**	**744.41**	**766.02**	**735.47**	**517.38**	**490.30**	**481.34**	**612.15**	**613.55**	**589.16**	**7,701.73**

Jadual*(Table)* **24.1**

MALAYSIA

BILANGAN DAN LUAS KAWASAN TERNAKAN TIRAM SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2003

NUMBER AND AREA OF OYSTER CULTURE AND NUMBER OF CULTURISTS BY RACE AND STATE, 2003

Negeri *State*	**Ternakan Tiram** Oyster *Culture*		**Bilangan Penternak** *No. Of Culturists*				
	Bilangan *Number*	**Luas (m2)** *Area(m2)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	0	0.00	0	0	0	0	**0**
Kedah	6	2,788.83	3	0	0	0	**3**
Pulau Pinang	90	1,400.00	4	4	0	0	**8**
Perak	0	0.00	0	0	0	0	**0**
Selangor	0	0.00	0	0	0	0	**0**
Negeri 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**
Terengganu	107	20,725.32	37	0	0	0	**37**
Kelantan	37	1,410.80	6	0	0	0	**6**
Sarawak	0	0.00	0	0	0	0	**0**
Sabah	218	69,887.30	0	0	0	218	**218**
Jumlah*/Total*	**465**	**103,212.25**	**60**	**4**	**0**	**218**	**282**

Jadual*(Table)* **24.2**

MALAYSIA

ANGGARAN PENGELUARAN TIRAM MENGIKUT BULAN DAN NEGERI, 2003

ESTIMATED PRODUCTION OF OYSTER BY MONTH AND STATE, 2003

(TAN METRIK*/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	0.33	0.33	0.33	0.93	0.93	0.60	0.60	0.60	0.60	0.00	0.53	0.53	**6.31**
Pulau Pinang	1.40	1.45	1.50	1.80	1.55	1.38	1.52	1.50	1.43	5.20	7.25	6.75	**32.73**
Perak	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**
Selangor	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**
Negeri 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	0.56	0.48	0.47	0.45	0.44	0.40	0.44	0.43	0.46	0.43	0.40	0.48	**5.44**
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	0.55	0.77	5.74	0.63	10.60	1.01	0.95	0.95	1.14	0.91	0.35	0.43	**24.03**
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	15.66	15.66	15.66	15.66	15.66	15.66	15.66	15.66	15.66	15.66	15.66	15.66	**187.92**
Jumlah*/Total*	**18.50**	**18.69**	**23.70**	**19.47**	**29.18**	**19.05**	**19.17**	**19.14**	**19.29**	**22.20**	**24.19**	**23.85**	**256.43**

Jadual *(Table)* **25.1**

MALAYSIA

BILANGAN DAN LUAS KAWASAN TERNAKAN RUMPAI LAUT SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 2002

NUMBER AND AREA OF SEAWEED CULTURE AND NUMBER OF CULTIRISTS BY RACE AND STATE, 2002

Negeri *State*	**Ternakan Rumpai Laut** *Seaweed Culture*		**Bilangan Penternak** *No. of Culturists*				
	Bilangan *Number*	**Luas(Ha)** *Area(Ha)*	**Bumiputera** *Bumiputeras*	**Cina** *Chinese*	**India** *Indian*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	0	0.00	0	0	0	0	**0**
Kedah	0	0.00	0	0	0	0	**0**
Pulau Pinang	0	0.00	0	0	0	0	**0**
Perak	0	0.00	0	0	0	0	**0**
Selangor	0	0.00	0	0	0	0	**0**
Negeri Sembilan	0	0.00	0	0	0	0	**0**
Melaka	0	0.00	0	0	0	0	**0**
Johor	0	0.00	0	0	0	0	**0**
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	605	1206.25	0	0	0	605	**605**
Jumlah/*Total*	**605**	**1206.25**	**0**	**0**	**0**	**605**	**605**

Jadual *(Table)* **25.2**

MALAYSIA

ANGGARAN PENGELUARAN RUMPAI LAUT MENGIKUT BULAN DAN NEGERI, 2003

ESTIMATED SEAWEED PRODUCTION BY MONTH AND STATE, 2003

(TAN METRIK/*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**
Pulau 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	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**
Selangor	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**
Negeri 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	1,952.80	2,576.30	3,190.60	3,805.10	2,535.20	1,904.30	2,607.50	1,963.90	1,161.90	1,796.30	2,250.50	1,863.50	**27,607.90**
Jumlah/*Total*	**1,952.80**	**2,576.30**	**3,190.60**	**3,805.10**	**2,535.20**	**1,904.30**	**2,607.50**	**1,963.90**	**1,161.90**	**1,796.30**	**2,250.50**	**1,863.50**	**27,607.90**

Jadual *(Table)* **26.1**

MALAYSIA

ANGGARAN HARGA BORONG IKAN AIR TAWAR DI PASAR UTAMA MENGIKUT NEGERI DAN SPESIS IKAN, 2003

ESTIMATED WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 2003

(RM/*KG***)**

Spesis/Negeri *Species/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** *Fresh-water Catfish*	**Ketutu** *Goby*	**Belut** *Eel*	**Patin** *River Catfish*	**Toman** *Giant Snake-Head*	**Baung** *River Catfish*
Perlis	3.00	3.83	0.00	0.00	0.00	3.00	4.00	7.10	2.21	0.00	0.00	0.00	0.00	5.00
Kedah	3.89	6.50	6.00	4.00	25.21	3.64	3.99	7.10	2.95	20.67	0.00	7.75	0.00	9.08
Pulau Pinang	3.48	6.48	4.00	4.00	27.42	3.09	3.92	0.00	2.92	0.00	0.00	0.00	0.00	0.00
Perak	3.82	4.11	5.05	2.51	25.17	2.80	3.93	3.73	2.84	48.89	3.99	3.46	2.63	8.46
Selangor	5.07	4.26	4.78	2.97	23.99	3.69	4.24	6.74	2.55	34.00	0.00	2.76	8.78	7.70
Negeri Sembilan	3.78	4.07	3.82	3.49	25.61	3.33	3.83	4.48	3.01	27.08	0.00	3.26	0.00	8.16
Melaka	3.52	3.68	3.77	1.80	26.85	3.19	3.83	4.98	2.47	27.08	0.00	3.08	0.00	9.21
Johor	3.87	3.00	5.00	0.00	26.70	3.75	3.80	6.67	2.25	40.71	0.00	4.59	6.60	9.09
Pahang	6.18	5.42	3.80	2.75	30.39	4.07	5.43	11.67	3.00	17.25	0.00	7.00	4.58	15.36
Terengganu	6.17	5.00	6.50	4.00	23.08	4.35	4.40	8.00	4.48	35.17	5.63	5.12	4.27	8.76
Kelantan	5.10	5.35	5.67	4.09	20.55	4.17	4.45	7.58	3.60	30.36	4.90	4.06	4.14	9.03
Sarawak	8.00	7.00	5.00	7.00	18.00	5.00	6.50	8.00	5.00	30.00	0.00	7.00	8.00	7.00
Sabah	8.00	10.00	10.00	12.00	8.00	8.00	8.00	13.00	5.00	30.00	8.00	8.00	0.00	0.00
Harga Bertimbang *Weighted price*	**4.93**	**4.31**	**4.01**	**2.57**	**17.15**	**7.21**	**5.12**	**6.52**	**2.59**	**13.05**	**5.22**	**5.19**	**6.40**	**8.59**

sambung dari jadual 26.1
cont'd from table 26.1

Spesis/Negeri *Species/State*	**Belida**	**Bujuk**	**Gohok**	**Haruan**	**Juara**	**Kalui**	**Kelabu**	**Kelah**	**Kenerak**	**Kerai**	**Lampan Sungai**
Perlis	2.78	3.50	0.00	6.96	0.00	0.00	0.00	0.00	0.00	0.00	2.50
Kedah	3.00	12.00	0.00	7.88	0.00	3.49	0.00	15.00	0.00	0.00	3.16
Pulau Pinang	0.00	0.00	0.00	9.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	7.51	7.88	0.00	7.25	0.00	3.73	5.83	17.53	0.00	12.00	3.61
Selangor	4.33	9.52	0.00	10.11	0.00	4.59	0.00	0.00	0.00	0.00	5.11
Negeri Sembilan	0.00	0.00	0.00	7.70	0.00	0.00	0.00	0.00	0.00	0.00	4.50
Melaka	0.00	0.00	0.00	8.96	0.00	5.00	0.00	0.00	0.00	0.00	0.00
Johor	3.85	0.00	0.00	7.92	0.00	4.25	6.62	0.00	0.00	3.22	4.63
Pahang	8.07	6.09	10.87	5.90	0.00	5.57	5.00	17.08	0.00	13.43	7.73
Terengganu	5.79	6.52	0.00	5.97	0.00	3.04	0.00	15.00	0.00	0.00	5.62
Kelantan	4.69	4.26	0.00	5.05	4.88	4.15	6.75	31.03	5.50	14.15	4.99
Sarawak	na	na	na	na	na	na	na	na	na	na	na
Sabah	na	na	na	na	na	na	na	na	na	na	na
Harga Bertimbang *Weighted price*	**5.50**	**6.88**	**10.87**	**7.79**	**4.88**	**4.04**	**6.08**	**19.13**	**5.50**	**13.43**	**4.32**

na: Tiada maklumat/ *No information available*

sambung dari jadual 26.1
cont'd from table 26.1

Spesis/Negeri *Species/State*	Lomah	Patin Buah	Patin Munchong	Puyu	Sebarau	Selat	Sepat Siam	Sepat padi	Tapah	Tamalian
Perlis	0.00	0.00	0.00	4.50	3.00	0.00	3.50	2.50	0.00	0.00
Kedah	0.00	0.00	0.00	6.21	5.00	0.00	4.04	4.44	0.00	0.00
Pulau Pinang	0.00	0.00	0.00	8.45	0.00	0.00	5.00	0.00	0.00	0.00
Perak	2.51	0.00	0.00	4.90	6.34	0.00	4.00	3.91	6.42	0.00
Selangor	0.00	0.00	0.00	6.74	0.00	0.00	5.17	4.38	10.00	0.00
Negeri Sembilan	5.00	0.00	0.00	5.26	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	0.00	0.00	0.00	7.60	0.00	0.00	6.21	0.00	0.00	0.00
Johor	0.00	0.00	0.00	4.43	5.75	0.00	4.00	2.58	11.19	0.00
Pahang	6.00	43.76	75.63	2.72	10.10	0.00	4.45	5.65	14.91	10.78
Terengganu	0.00	0.00		3.57	6.06	0.00	4.00	4.42	6.78	0.00
Kelantan	3.50	0.00	0.00	3.35	7.30	0.00	4.59	2.86	5.25	0.00
Sarawak	na	na	na	na	na	na	na	na	na	na
Sabah	na	na	na	na	na	na	na	na	na	na
Harga Bertimbang *Weighted price*	**2.51**	**43.76**	**75.63**	**5.10**	**6.16**	**0.00**	**4.25**	**3.98**	**10.86**	**10.78**

na: Tiada maklumat/ *No information available*

sambung dari jadual 26.1
cont'd from table 26.1

Spesis/Negeri *Species/State*	**Temakang**	**Temoleh**	**Temperas**	**Tengelan**	**Tengas**	**Terubul**	**Udang Putih**	**Pelbagai** *Miscell-aneous*
Perlis	0.00	0.00	0.00	0.00	0.00	2.50	0.00	2.98
Kedah	0.00	0.00	0.00	0.00	0.00	4.44	0.00	2.98
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47
Perak	3.94	17.67	0.00	10.25	0.00	2.77	0.00	3.00
Selangor	0.00	0.00	0.00	0.00	0.00	3.58	0.00	3.00
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.46
Melaka	0.00	0.00	0.00	0.00	0.00	5.71	0.00	7.79
Johor	3.30	0.00	0.00	8.00	0.00	3.35	0.00	6.48
Pahang	9.96	11.75	0.00	16.63	0.00	7.50	0.00	4.09
Terengganu	3.00	10.00	4.00	0.00	0.00	3.50	0.00	2.87
Kelantan	4.84	0.00	0.00	11.05	0.00	5.44	0.00	4.08
Sarawak	na	na	na	na	na	na	na	6.00
Sabah	na	na	na	na	na	na	na	12.00
Harga Bertimbang *Weighted price*	**4.06**	**12.29**	**4.00**	**10.66**	**0.00**	**3.52**	**0.00**	**4.16**

na: Tiada maklumat/ *No information available*

JADUAL *(TABLE)* **26.2**

MALAYSIA

ANGGARAN HARGA RUNCIT IKAN AIR TAWAR DI PASAR UTAMA MENGIKUT NEGERI DAN SPESIS IKAN, 2003

ESTIMATED RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 2003

(RM*/KG***)**

Spesis/Negeri *Species/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** *Fresh-water Catfish*	**Ketutu** *Goby*	**Belut** *Eel*	**Patin** *River Catfish*	**Toman** *Giant Snake-Head*	**Baung** *River Catfish*
Perlis	4.50	5.67	0.00	0.00	0.00	4.00	5.00	10.20	3.98	0.00	0.00	0.00	0.00	8.00
Kedah	5.79	9.00	8.00	6.00	29.82	5.11	5.76	10.20	5.35	40.00	0.00	10.50	0.00	13.46
Pulau Pinang	4.40	7.81	5.00	6.00	31.50	3.80	4.76	0.00	3.91	0.00	0.00	0.00	0.00	0.00
Perak	5.88	6.35	7.35	4.48	32.24	4.60	5.50	8.94	4.53	62.02	5.86	5.43	4.21	12.29
Selangor	6.17	5.21	5.93	4.24	29.00	4.78	5.56	8.51	4.05	41.98	0.00	4.13	10.13	9.69
Negeri Sembilan	5.61	6.23	5.98	9.67	31.72	4.88	5.57	8.62	5.19	43.75	0.00	5.54	0.00	12.91
Melaka	5.33	5.65	5.33	2.00	32.14	4.43	5.26	6.96	4.22	43.75	0.00	4.46	0.00	12.21
Johor	5.68	5.00	6.50	0.00	33.07	5.69	5.52	8.47	4.09	49.02	0.00	6.74	8.95	12.99
Pahang	7.67	6.42	7.27	5.88	32.88	7.00	8.48	15.64	3.29	23.09	0.00	7.17	7.76	20.39
Terengganu	7.68	7.67	8.25	5.00	28.92	6.00	5.79	9.89	6.29	42.13	8.00	7.18	6.31	11.71
Kelantan	7.29	7.45	7.75	5.42	24.84	5.73	6.13	10.20	5.24	34.76	7.08	5.42	5.36	11.33
Sarawak	10.00	9.00	7.00	9.00	20.00	7.00	8.50	10.00	7.00	0.00	0.00	9.00	10.00	9.00
Sabah	10.00	12.00	12.00	14.00	16.00	10.00	10.00	15.00	6.00	35.00	10.00	10.00	0.00	0.00
Harga Bertimbang *Weighted price*	**6.69**	**5.44**	**5.77**	**4.52**	**21.43**	**9.38**	**6.97**	**9.71**	**4.27**	**15.72**	**7.49**	**6.45**	**8.83**	**11.46**

na: Tiada maklumat/*No information available*

sambung dari jadual 26.2
cont'd from table 26.2

Spesis/Negeri *Species/State*	**Belida**	**Bujuk**	**Gohok**	**Haruan**	**Juara**	**Kalui**	**Kelabu**	**Kelah**	**Kenerak**	**Kerai**	**Lampan Sungai**
Perlis	3.78	6.00	0.00	10.33	0.00	0.00	0.00	0.00	0.00	0.00	3.50
Kedah	5.58	17.67	0.00	12.39	0.00	6.25	0.00	22.00	0.00	0.00	4.69
Pulau Pinang	0.00	0.00	0.00	11.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Perak	9.64	11.25	0.00	10.59	0.00	5.44	8.67	23.78	0.00	18.00	5.29
Selangor	5.73	11.93	0.00	13.43	0.00	6.11	0.00	0.00	0.00	0.00	6.76
Negeri Sembilan	0.00	0.00	0.00	13.29	0.00	0.00	0.00	0.00	0.00	0.00	5.98
Melaka	0.00	0.00	0.00	12.62	0.00	6.00	0.00	0.00	0.00	0.00	0.00
Johor	5.49	0.00	0.00	10.92	0.00	6.52	7.60	0.00	0.00	4.63	6.38
Pahang	12.87	9.42	18.05	7.61	0.00	8.55	7.78	38.08	0.00	16.48	11.11
Terengganu	7.26	8.43	0.00	8.01	0.00	5.04	0.00	24.17	0.00	0.00	7.06
Kelantan	6.08	5.93	0.00	6.94	6.89	5.57	9.54	36.82	7.50	17.54	6.35
Sarawak	na	na	na	na	na	na	na	na	na	na	na
Sabah	na	na	na	na	na	na	na	na	na	na	na
Harga Bertimbang *Weighted price*	**7.65**	**9.38**	**18.05**	**10.83**	**6.89**	**6.03**	**8.30**	**29.00**	**7.50**	**16.48**	**5.99**

na: Tiada maklumat/*No information available*

sambung dari jadual 26.2
cont'd from table 26.2

Spesis/Negeri *Species/State*	**Lomah**	**Patin Buah**	**Patin Munchong**	**Puyu**	**Sebarau**	**Selat**	**Sepat Siam**	**Sepat padi**	**Tapah**	**Tamalian**
Perlis	0.00	0.00	0.00	8.00	4.50	0.00	4.50	3.50	0.00	0.00
Kedah	0.00	0.00	0.00	8.92	8.75	0.00	6.13	6.42	0.00	0.00
Pulau Pinang	0.00	0.00	0.00	8.75	0.00	0.00	6.00	0.00	0.00	0.00
Perak	3.95	0.00	0.00	7.95	9.20	0.00	5.58	5.26	9.25	0.00
Selangor	0.00	0.00	0.00	9.20	0.00	0.00	6.78	5.87	10.65	0.00
Negeri Sembilan	6.07	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00
Melaka	0.00	0.00	0.00	10.86	0.00	0.00	9.57	0.00	0.00	0.00
Johor	0.00	0.00	0.00	6.14	7.67	0.00	5.00	3.58	14.55	0.00
Pahang	6.00	47.73	77.07	5.87	12.35	0.00	4.88	7.22	19.56	18.00
Terengganu	0.00	0.00	0.00	5.43	7.92	0.00	5.77	5.56	9.34	0.00
Kelantan	5.00	0.00	0.00	4.56	9.49	0.00	5.81	3.83	6.78	0.00
Sarawak	na	na	na	na	na	na	na	na	na	na
Sabah	na	na	na	na	na	na	na	na	na	na
Harga Bertimbang *Weighted price*	**3.97**	**47.73**	**77.07**	**7.42**	**8.30**	**0.00**	**5.64**	**4.70**	**14.06**	**18.00**

na: Tiada maklumat/*No information available*

sambung dari jadual 26.2
cont'd from table 26.2

Spesis/Negeri *Species/State*	**Temakang**	**Temoleh**	**Temperas**	**Tengelan**	**Tengas**	**Terubul**	**Udang Putih**	**Pelbagai** *Miscell-aneous*
Perlis	0.00	0.00	0.00	0.00	0.00	3.50	0.00	4.69
Kedah	0.00	0.00	0.00	0.00	0.00	7.22	0.00	4.69
Pulau Pinang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.89
Perak	5.60	22.64	0.00	15.10	0.00	4.08	0.00	4.25
Selangor	5.26	0.00	0.00	0.00	0.00	5.27	0.00	3.00
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.92
Melaka	0.00	0.00	0.00	0.00	0.00	8.71	0.00	8.92
Johor	5.42	0.00	0.00	10.00	0.00	4.98	0.00	8.68
Pahang	11.51	17.39	0.00	34.70	0.00	7.50	0.00	7.35
Terengganu	5.00	12.00	5.00	0.00	0.00	5.03	0.00	5.02
Kelantan	6.27	0.00	0.00	13.76	0.00	7.10	0.00	5.62
Sarawak	na	na	na	na	na	na	na	8.50
Sabah	na	na	na	na	na	na	na	14.00
Harga Bertimbang *Weighted price*	**5.84**	**17.14**	**5.00**	**16.35**	**0.00**	**5.10**	**0.00**	**5.16**

na: Tiada maklumat/*No information available*

Jadual *(Table)* **27.1**

MALAYSIA

ANGGARAN HARGA BORONG IKAN AIR PAYAU/MASIN DI PASAR UTAMA MENGIKUT NEGERI DAN SPESIS IKAN, 2003

ESTIMATED WHOLESALE PRICES OF BRACKISHWATER FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 2003

(RM/*KG***)**

Negeri *State*	**Siakap** *Barra-Mundi*	**Siakap Merah** Mangrove *Red Snapper*	**Ikan Banding** *Milk Fish*	**Kerapu** *Grouper*	**Jenahak** *Mangrove Snapper*	**Merah** *Red Snapper*	**Udang Putih** *Banana Prawn*	**Ketam** *Mud Crab*	**Ketam Telur** Berried *Crabs*	**Udang Harimau** *Tiger Prawn*	**Kerang** *Cockles*	**Benih Kerang** *Cockle Seeds*	**Siput Sudu** *Mussels*	**Tilapia Merah** *Red Tilapia*	**Tiram** *Oyster*	**Rumpai Laut** *Sea-Weeds*	**Pelbagai** *Miscell-neous*
Perlis	9.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	19.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	11.06	0.00	0.00	19.83	12.00	0.00	4.25	7.51	0.00	22.02	1.02	0.00	1.10	0.00	10.00	0.00	0.00
Pulau Pinang	11.80	12.10	0.00	26.49	14.02	14.36	0.00	17.17	0.00	22.27	0.77	0.00	0.00	3.67	14.52	0.00	8.00
Perak	12.23	9.65	0.00	24.75	14.83	0.00	0.00	12.53	0.00	24.29	0.79	4.70	0.80	4.59	12.00	0.00	30.50
Selangor	11.80	8.67	0.00	24.63	14.83	12.76	11.50	9.13	0.00	20.63	0.93	5.00	0.00	4.59	0.00	0.00	12.28
Negeri Sembilan	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.58	0.00	0.00	1.50	7.00	0.00	0.00	0.00
Melaka	9.50	11.00	0.00	9.40	9.60	9.60	24.50	6.25	0.00	21.59	1.00	0.00	0.88	5.24	0.00	0.00	0.00
Johor	12.57	12.00	0.00	27.86	13.70	13.33	23.64	0.00	0.00	22.07	0.80	0.00	0.30	4.00	15.00	0.00	12.00
Pahang	11.22	0.00	0.00	17.44	11.38	12.00	16.38	12.17	0.00	24.28	1.01	0.00	0.96	4.71	0.00	0.00	0.00
Terengganu	9.78	0.00	0.00	21.44	0.00	0.00	30.00	7.83	0.00	22.55	0.00	0.00	0.00	4.35	11.13	0.00	5.50
Kelantan	10.17	0.00	0.00	25.46	0.00	10.00	30.68	5.82	0.00	27.92	2.00	0.00	0.00	5.73	6.00	0.00	0.00
Sarawak	12.00	10.00	0.00	14.00	12.00	8.00	22.00	10.00	0.00	23.00	3.00	0.00	3.00	6.00	0.00	0.00	3.00
Sabah	7.00	0.00	0.00	8.00	5.00	7.00	12.00	4.50	0.00	32.00	2.00	0.00	2.00	0.00	2.00	0.50	3.50
Harga Bertimbang Weighted price	**11.70**	**11.91**	**0.00**	**25.26**	**13.82**	**13.20**	**22.78**	**14.81**	**0.00**	**23.99**	**0.80**	**3.51**	**0.37**	**4.72**	**4.93**	**0.50**	**21.93**

Nota: Pelbagai - Termasuk ikan tanda, dengkis, cupak/cermin dan talang

Note: Miscellaneous - Includes snapper, rabbit fish, horse mackeral and queen fish

Jadual *(Table)* **27.2**

MALAYSIA

ANGGARAN HARGA RUNCIT IKAN AIR PAYAU/MASIN DI PASAR UTAMA MENGIKUT NEGERI DAN SPESIS IKAN, 2003

ESTIMATED RETAIL PRICES OF BRACKISHWATER FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 2003

(RM/*KG***)**

Negeri *State*	**Siakap** *Barra-mundi*	**Siakap Merah** Mangrove *Red Snapper*	**Ikan Banding** *Milk Fish*	**Kerapu** Grouper	**Jenahak** *Mangrove Snapper*	**Merah** *Red Snapper*	**Udang Putih** *Banana Prawn*	**Ketam** *Mud Crab*	**Ketam Telur** Berried *Crabs*	**Udang Harimau** *Tiger Prawn*	**Kerang** *Cockles*	**Siput Sudu** *Mussels*	**Tilapia Merah** *Red Tilapia*	**Tiram** *Oyster*	**Rumpai Laut** *Sea-Weeds*	**Pelbagai** *Miscell-neous*
Perlis	12.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	26.33	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	14.35	0.00	0.00	26.54	16.00	0.00	6.67	15.00	0.00	27.10	1.60	1.75	0.00	15.00	0.00	0.00
Pulau Pinang	13.83	13.94	0.00	29.12	16.13	16.45	0.00	20.58	0.00	25.26	0.97	0.00	4.91	20.52	0.00	10.00
Perak	15.86	13.04	0.00	32.81	18.63	0.00	0.00	15.53	0.00	28.69	1.32	1.38	6.31	13.20	0.00	42.21
Selangor	14.40	10.31	0.00	29.99	17.68	14.84	14.50	14.00	0.00	24.45	1.64	0.00	6.03	0.00	0.00	14.50
Negeri Sembilan	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.92	0.00	2.00	8.50	0.00	0.00	0.00
Melaka	14.59	13.00	0.00	16.00	16.00	15.60	28.90	13.00	0.00	26.77	1.50	1.38	7.63	0.00	0.00	0.00
Johor	15.58	15.00	0.00	34.64	17.97	17.83	29.43	0.00	0.00	30.70	1.50	0.70	6.00	17.00	0.00	14.00
Pahang	16.05	0.00	0.00	19.40	12.90	13.80	19.00	19.10	0.00	28.50	1.52	1.19	6.00	0.00	0.00	0.00
Terengganu	12.12	0.00	0.00	27.17	0.00	0.00	35.00	12.48	0.00	26.08	0.00	0.00	6.02	14.36	0.00	6.92
Kelantan	12.26	0.00	0.00	28.79	0.00	12.00	34.36	8.36	0.00	31.21	2.50	0.00	6.84	7.00	0.00	0.00
Sarawak	14.00	12.00	0.00	16.00	16.00	10.00	24.00	12.00	0.00	26.00	5.00	5.00	8.00	0.00	0.00	5.00
Sabah	10.00	0.00	0.00	12.00	7.00	9.00	15.00	6.00	0.00	38.00	3.00	3.50	0.00	4.00	0.70	5.00
Harga Bertimbang *Weighted price*	**14.26**	**14.08**	**0.00**	**30.50**	**17.43**	**15.72**	**28.24**	**17.54**	**0.00**	**28.52**	**1.30**	**0.78**	**6.63**	**7.63**	**0.70**	**29.20**

Nota: Pelbagai - Termasuk ikan tanda, dengkis, cupak/cermin dan talang

Note: Miscellaneous - Includes snapper, rabbit fish, horse mackeral and queen fish

Jadual*(Table)* **28.1**

MALAYSIA

ANGGARAN PENGELUARAN IKAN HIASAN MENGIKUT NEGERI 2003

ESTIMATED PRODUCTION OF ORNAMENTAL FISH BY STATE, 2003

(BILANGAN DALAM EKOR*/NUMBER IN PIECES)*

Negeri/Kumpulan *State/Group*	***Cyprinids Barb/Daino/ Goldfish/Koi***	***Cyprinodontids***	***Anabantids***	***Poecilids***	***Characins***	***Cichlid***	***Osteoglossids***	***Callichthyids***	***Cobitids***	**Tumbuhan Akuatik** *Aquatic Plants*	**Lain Lain** *Others*	**Jumlah** *Total*
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**
Pulau Pinang	0	0	42,210	39,400	0	141,344	0	0	0	0	0	**222,954**
Perak	37,130,453	0	10,584,507	8,566,207	0	1,550,838	0	92,000	0	0	73,512,565	**131,436,570**
Selangor	26,083,600	332,000	0	78,700	0	727	0	0	0	0	0	**26,495,027**
Negeri Sembilan	15,150	0	0	0	0	0	0	0	0	8,700	4,000	**27,850**
Melaka	2,500	0	6,850	0	0	26,100	0	0	0	0	0	**35,450**
Johor	41,217,452	0	11,950,069	41,270,289	57,897,603	7,191,886	29,350	3,907	35,161	94,822,592	15,037,059	**269,455,368**
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	3,175	0	0	62,315	1,069	714	0	0	0	0	9,108	**76,381**
Sarawak	70,000	0	0	0	0	0	0	0	245,000	0	115,000	**430,000**
Sabah	58,990	0	0	45,330	500	12,000	0	0	0	0	1,731	**118,551**
Jumlah/*Total*	**104,581,320**	**332,000**	**22,583,636**	**50,062,241**	**57,899,172**	**8,923,609**	**29,350**	**95,907**	**280,161**	**94,831,292**	**88,679,463**	**428,298,151**

Jadual*(Table)* **28.2**

MALAYSIA

ANGGARAN PENGELUARAN DAN NILAI IKAN HIASAN MENGIKUT NEGERI, 2003

ESTIMATED PRODUCTION AND VALUE OF ORNAMENTAL FISH BY STATE, 2003

(BILANGAN DALAM EKOR*/NUMBER IN PIECES)*

Negeri *State*	**Pengeluaran (Ekor)** *Production (Pieces)*	**Nilai (RM)** *Value (RM)*
Perlis	0	0.00
Kedah	0	0.00
Pulau Pinang	222,954	283,151.00
Perak	131,436,570	27,601,679.00
Selangor	26,495,027	5,034,055.00
Negeri Sembilan	27,850	5,291.00
Melaka	35,450	7,090.00
Johor	269,455,368	64,341,109.00
Pahang	0	0.00
Terengganu	0	0.00
Kelantan	76,381	15,276.00
Sarawak	430,000	135,100.00
Sabah	118,551	215,762.00
Jumlah*/Total*	**428,298,151**	**97,638,513.00**


PERAIRAN UMUM
PUBLIC WATER BODIES

Jadual *(Table)* **29.1**

MALAYSIA

ANGGARAN PENDARATAN IKAN AIRTAWAR DARI PERAIRAN UMUM/PERIKANAN DARAT MENGIKUT BULAN DAN NEGERI, 2003

ESTIMATED LANDINGS OF FRESHWATER FISH FROM PUBLIC WATERBODIES/INLAND FISHERIES BY MONTH AND STATE, 2003

(TAN METRIK*/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	2.38	2.11	2.38	2.28	2.87	2.71	2.99	3.43	3.70	3.71	3.42	3.54	**35.52**
Kedah	25.33	23.07	19.25	19.90	19.41	19.98	19.96	20.36	31.25	50.55	50.13	49.61	**348.80**
Pulau Pinang	0.79	0.97	0.65	0.85	0.88	0.81	0.72	1.04	1.17	3.00	3.17	2.49	**16.54**
Perak	115.57	116.80	114.15	113.05	102.38	107.72	105.78	110.17	102.11	140.33	128.48	116.35	**1,372.89**
Selangor	60.37	50.82	51.22	53.25	64.18	60.90	60.70	64.23	65.13	60.13	62.28	55.05	**708.26**
Negeri 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	7.92	7.02	6.68	8.24	11.14	12.28	10.24	10.60	10.41	11.19	10.36	6.75	**112.83**
Johor	37.92	32.05	30.27	29.08	30.89	29.67	30.69	29.76	30.27	37.14	38.17	39.53	**395.44**
Pahang	24.82	27.15	25.53	24.68	22.23	24.77	25.50	26.35	26.73	24.68	20.83	24.86	**298.13**
Terengganu	18.69	19.25	19.62	21.71	21.47	23.90	21.28	19.64	20.61	22.36	27.38	38.04	**273.95**
Kelantan	20.64	16.86	16.74	15.77	14.33	13.80	13.48	14.00	13.40	15.24	15.87	17.00	**187.13**
Sarawak	na	na	na	na	na	na	na	na	na	na	na	na	**na**
Sabah	7.13	7.31	7.54	7.76	8.13	7.94	7.57	4.39	6.06	5.67	3.74	4.86	**78.10**
Jumlah*/Total*	**321.56**	**303.41**	**294.03**	**296.57**	**297.91**	**304.48**	**298.91**	**303.97**	**310.84**	**374.00**	**363.83**	**358.08**	**3,827.59**

na: **Tiada maklumat***(No information available)*

Jadual (*Table*) **29.2**

MALAYSIA

ANGGARAN PENDARATAN IKAN AIRTAWAR DARI PERAIRAN UMUM/PERIKANAN DARAT MENGIKUT PERAIRAN DAN NEGERI, 2003

ESTIMATED LANDINGS OF FRESHWATER FISH FROM PUBLIC WATERBODIES/INLAND FISHERIES BY WATERBODIES AND STATE, 2003

(TAN METRIK/*TONNES* **)**

Negeri *State*	**Sungai** Rivers	**Bekas Lombong** *Ex-Mining Pools*	**Empangan** *Dams*	**Tasik** *Lakes*	**Lain-Lain** *Others*	**Jumlah** *Total*
Perlis	2.53	0.00	30.21	0.00	2.78	**35.52**
Kedah	15.81	35.92	85.47	2.62	208.98	**348.80**
Pulau Pinang	16.54	0.00	0.00	0.00	0.00	**16.54**
Perak	379.23	369.96	18.51	405.00	200.19	**1,372.89**
Selangor	128.45	498.21	10.17	19.61	51.82	**708.26**
Negeri Sembilan	0.00	0.00	0.00	0.00	0.00	**0.00**
Melaka	93.02	19.81	0.00	0.00	0.00	**112.83**
Johor	311.35	5.12	73.40	3.67	1.90	**395.44**
Pahang	202.99	23.16	21.00	14.58	36.40	**298.13**
Terengganu	142.75	3.53	52.62	0.00	75.05	**273.95**
Kelantan	91.94	0.83	28.59	13.87	51.90	**187.13**
Sarawak	na	na	na	na	na	**na**
Sabah	78.10	0.00	0.00	0.00	0.00	**78.10**
Jumlah/*Total*	**1,462.71**	**956.54**	**319.97**	**459.35**	**629.02**	**3,827.59**

na: **Tiada maklumat** *(No information available)*

Jadual*(Table)* **29.3**

SEMENANJUNG MALAYSIA*/PENINSULAR MALAYSIA*

ANGGARAN PENGELUARAN IKAN DARI PERAIRAN UMUM (SUNGAI) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM PUBLIC WATERBODIES (RIVERS) BY STATE AND SPECIES, 2003

(TAN METRIK*/TONNES)*

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	1.29	0.00	17.84	25.78	0.00	0.94	21.98	22.67	31.20	11.79	**133.49**
Belida	0.00	0.13	0.00	3.57	3.23	0.00	0.35	8.59	8.62	4.24	3.10	**31.83**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.06	**4.06**
Bujuk	0.00	0.00	0.00	2.81	1.17	0.00	0.06	0.00	0.72	1.92	2.02	**8.70**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	**0.52**
Haruan	0.41	2.03	1.55	6.91	19.41	0.00	7.73	4.78	0.39	0.00	6.43	**49.64**
Jelawat	0.00	0.40	0.00	4.45	0.00	0.00	0.00	2.19	3.10	0.00	0.02	**10.16**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	**0.18**
Kalui	0.00	0.25	0.00	10.09	0.56	0.00	0.28	5.28	4.93	0.96	1.58	**23.93**
Kap Kepala Besar	0.00	0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.87	0.00	0.10	**2.45**
Kap Rumput	0.00	0.00	0.00	2.33	0.03	0.00	0.00	0.00	2.05	0.00	0.00	**4.41**
Kelabu	0.00	0.00	0.00	4.00	0.00	0.00	0.00	6.70	0.26	0.00	0.00	**10.96**
Kelah	0.00	0.00	0.00	0.02	0.36	0.00	0.00	0.00	3.16	1.43	1.77	**6.74**
Keli	0.34	1.41	2.45	0.73	11.93	0.00	11.87	4.08	0.15	0.00	3.96	**36.92**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	**0.64**
Ketutu	0.00	0.00	0.00	1.75	0.40	0.00	1.23	6.86	2.75	5.11	1.61	**19.71**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.68	0.00	0.00	**15.68**
Lampan Jawa	0.47	1.38	2.01	40.76	7.00	0.00	7.89	2.49	3.32	0.20	4.74	**70.26**

sambung dari jadual 29.3

cont'd from table 29.3

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	0.54	2.45	0.20	87.89	4.82	0.00	0.17	34.44	21.95	11.17	11.20	**174.83**
Lee Koh	0.00	0.00	0.00	0.60	0.39	0.00	0.28	0.00	0.00	0.00	0.02	**1.29**
Lomah	0.00	0.00	0.00	11.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**11.75**
Patin	0.00	0.00	0.04	2.43	3.16	0.00	0.76	4.21	7.83	13.94	0.06	**32.43**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57	0.00	0.00	**2.57**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	**0.17**
Puyu	0.38	0.92	3.03	0.00	0.64	0.00	4.38	4.84	0.33	1.30	1.73	**17.55**
Sebarau	0.00	0.20	0.00	12.26	1.00	0.00	0.00	6.77	5.10	2.78	3.48	**31.59**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.38	0.77	1.17	0.38	5.50	0.00	0.90	2.78	0.49	0.00	0.89	**13.26**
Sepat Padi	0.01	0.31	0.10	0.00	3.31	0.00	0.00	0.00	0.00	0.94	1.25	**5.92**
Tapah	0.00	0.00	0.00	0.76	2.92	0.00	0.00	12.23	8.33	9.16	0.70	**34.10**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	**1.15**
Temakang	0.00	0.00	0.00	8.40	0.33	0.00	0.21	9.18	1.51	0.00	0.00	**19.63**
Temoleh	0.00	0.44	0.00	0.41	0.00	0.00	0.06	0.00	4.66	0.00	0.00	**5.57**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	16.24	0.00	0.00	0.00	0.02	5.64	0.00	0.00	**21.90**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	0.00	0.00	57.57	1.06	0.00	0.79	32.48	7.73	3.56	1.94	**105.13**
Tilapia Nilotika	0.00	0.90	0.20	3.91	1.59	0.00	27.94	0.00	0.63	0.00	0.29	**35.46**
Tilapia Merah	0.00	1.20	0.50	2.18	2.03	0.00	3.50	0.00	2.17	0.06	0.04	**11.68**
Toman	0.00	0.00	1.50	2.18	2.10	0.00	0.00	7.78	2.32	6.11	2.65	**24.64**
Udang Putih	0.00	0.00	0.00	0.00	1.00	0.00	3.55	0.00	0.00	0.00	0.00	**4.55**
Udang Galah	0.00	0.23	3.67	34.42	28.19	0.00	4.95	108.84	4.29	28.00	10.32	**222.91**
Pelbagai	0.00	1.50	0.12	41.11	0.54	0.00	15.00	24.83	56.93	20.67	15.55	**176.25**
Jumlah	2.53	15.81	16.54	379.23	128.45	0.00	93.02	311.35	202.99	142.75	91.94	**1,384.61**

Jadual(*Table*) **29.4**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI PERAIRAN UMUM (SUNGAI) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (RIVERS) BY STATE AND SPECIES, 2003

(RM '000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	11.71	0.00	150.93	198.51	0.00	8.66	199.80	348.21	273.31	106.46	**1,297.59**
Belida	0.00	0.39	0.00	26.81	13.99	0.00	0.00	33.07	69.56	24.55	14.54	**182.91**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.89	**19.89**
Bujuk	0.00	0.00	0.00	22.14	11.14	0.00	0.00	0.00	4.38	12.52	8.61	**58.79**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.65	0.00	0.00	**5.65**
Haruan	2.85	16.00	14.90	50.10	196.24	0.00	69.26	37.86	2.30	0.00	32.47	**421.98**
Jelawat	0.00	2.84	0.00	16.60	0.00	0.00	0.00	14.61	5.18	0.00	0.15	**39.38**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	0.87	0.00	37.64	2.57	0.00	1.40	22.44	27.46	2.92	6.56	**101.86**
Kap Kepala Besar	0.00	0.00	0.00	3.71	0.00	0.00	0.00	0.00	2.39	0.00	0.41	**6.51**
Kap Rumput	0.00	0.00	0.00	11.77	0.14	0.00	0.00	0.00	7.79	0.00	0.00	**19.70**
Kelabu	0.00	0.00	0.00	23.32	0.00	0.00	0.00	44.35	1.30	0.00	0.00	**68.97**
Kelah	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	53.97	21.45	54.92	**130.69**
Keli	0.75	4.16	7.15	2.07	30.42	0.00	29.32	9.18	0.45	0.00	14.26	**97.76**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.52	**3.52**
Ketutu	0.00	0.00	0.00	85.56	13.60	0.00	33.31	279.27	47.44	179.72	48.88	**687.78**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210.58	0.00	0.00	**210.58**
Lampan Jawa	1.41	5.37	6.99	155.70	35.49	0.00	27.77	9.64	20.52	1.23	24.17	**288.29**

sambung dari jadual 29.4

cont'd from table 29.4

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	1.35	7.74	0.00	317.28	24.63	0.00	0.00	159.46	169.67	62.78	55.89	**798.80**
Lee Koh	0.00	0.00	0.00	2.47	1.66	0.00	1.03	0.00	0.00	0.00	0.11	**5.27**
Lomah	0.00	0.00	0.00	29.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**29.49**
Patin	0.00	0.00	0.00	8.41	8.72	0.00	2.34	19.32	54.81	71.37	0.24	**165.21**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.46	0.00	0.00	**112.46**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.86	0.00	0.00	**12.86**
Puyu	1.71	5.71	25.60	0.00	4.31	0.00	33.29	21.44	0.90	4.64	5.80	**103.40**
Sebarau	0.00	1.00	0.00	77.73	0.00	0.00	0.00	38.93	51.51	16.85	25.40	**211.42**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	1.33	3.11	5.85	1.52	28.44	0.00	5.59	7.17	2.18	0.00	4.09	**59.28**
Sepat Padi	0.03	1.38	0.00	0.00	14.50	0.00	0.00	0.00	0.00	4.15	3.58	**23.64**
Tapah	0.00	0.00	0.00	4.88	29.20	0.00	0.00	136.85	124.20	62.10	3.68	**360.91**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.40	0.00	0.00	**12.40**
Temakang	0.00	0.00	0.00	33.10	0.00	0.00	0.00	30.29	15.04	0.00	0.00	**78.43**
Temoleh	0.00	0.00	0.00	7.24	0.00	0.00	0.00	0.00	54.76	0.00	0.00	**62.00**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	166.46	0.00	0.00	0.00	0.16	93.79	0.00	0.00	**260.41**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	0.00	0.00	159.47	3.79	0.00	4.51	108.81	57.98	12.46	10.55	**357.57**
Tilapia Nilotika	0.00	3.28	0.62	10.95	5.87	0.00	89.13	0.00	2.56	0.00	1.21	**113.62**
Tilapia Merah	0.00	4.79	1.96	8.57	8.61	0.00	13.41	0.00	11.78	0.26	0.18	**49.56**
Toman	0.00	0.00	0.00	5.73	18.44	0.00	0.00	51.35	10.63	26.09	10.97	**123.21**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	5.80	100.63	866.35	676.28	0.00	132.91	2,906.03	130.37	646.24	212.08	**5,676.69**
Pelbagai	0.00	4.47	0.78	123.33	0.00	0.00	116.85	160.90	232.84	59.32	63.44	**761.93**
Jumlah	9.43	78.62	164.48	2,409.68	1,326.55	0.00	568.78	4,290.93	1,957.92	1,481.96	732.06	**13,020.41**

Jadual(*Table*) 29.5

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI PERAIRAN UMUM (SUNGAI) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (RIVERS) BY STATE AND SPECIES, 2003

(RM '000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	17.36	0.00	219.25	198.51	0.00	11.48	285.52	462.24	365.35	133.58	**1,693.29**
Belida	0.00	0.73	0.00	34.41	13.99	0.00	0.00	47.16	110.94	30.78	18.85	**256.86**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.74	**28.74**
Bujuk	0.00	0.00	0.00	31.61	11.14	0.00	0.00	0.00	6.78	16.19	11.98	**77.70**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.00	0.00	**9.39**
Haruan	4.24	25.15	17.62	73.18	196.24	0.00	97.55	52.20	2.97	0.00	44.62	**513.77**
Jelawat	0.00	4.08	0.00	39.78	0.00	0.00	0.00	18.55	48.48	0.00	0.20	**111.09**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	1.56	0.00	54.89	2.57	0.00	1.68	34.43	42.15	4.84	8.80	**150.92**
Kap Kepala Besar	0.00	0.00	0.00	6.63	0.00	0.00	0.00	0.00	5.12	0.00	0.54	**12.29**
Kap Rumput	0.00	0.00	0.00	17.13	0.14	0.00	0.00	0.00	14.90	0.00	0.00	**32.17**
Kelabu	0.00	0.00	0.00	34.68	0.00	0.00	0.00	50.92	2.02	0.00	0.00	**87.62**
Kelah	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	120.33	34.56	65.17	**220.54**
Keli	1.35	7.54	9.58	3.31	30.42	0.00	50.09	16.69	0.49	0.00	20.75	**140.22**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.80	**4.80**
Ketutu	0.00	0.00	0.00	108.54	13.60	0.00	53.81	336.28	63.50	215.28	55.96	**846.97**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258.41	0.00	0.00	**258.41**
Lampan Jawa	2.12	7.99	8.84	239.67	35.49	0.00	42.05	14.14	25.46	1.54	34.55	**411.85**

sambung dari jadual 29.5

cont'd from table29.5

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	1.89	11.49	0.00	464.94	24.63	0.00	0.00	219.73	243.86	78.86	71.12	**1,116.52**
Lee Koh	0.00	0.00	0.00	3.81	1.66	0.00	1.58	0.00	0.00	0.00	0.15	**7.20**
Lomah	0.00	0.00	0.00	46.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**46.41**
Patin	0.00	0.00	0.00	13.19	8.72	0.00	3.39	28.38	56.14	100.09	0.33	**210.24**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.67	0.00	0.00	**122.67**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.10	0.00	0.00	**13.10**
Puyu	3.04	8.21	26.51	0.00	4.31	0.00	47.57	29.72	1.94	7.06	7.89	**136.25**
Sebarau	0.00	1.75	0.00	112.79	0.00	0.00	0.00	51.93	62.99	22.02	33.03	**284.51**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	1.71	4.72	7.02	2.12	28.44	0.00	8.61	13.90	2.39	0.00	5.17	**74.08**
Sepat Padi	0.04	1.99	0.00	0.00	14.50	0.00	0.00	0.00	0.00	5.23	4.79	**26.55**
Tapah	0.00	0.00	0.00	7.03	29.20	0.00	0.00	177.95	162.93	85.55	4.75	**467.41**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.70	0.00	0.00	**20.70**
Temakang	0.00	0.00	0.00	47.04	0.00	0.00	0.00	49.76	17.38	0.00	0.00	**114.18**
Temoleh	0.00	0.00	0.00	9.28	0.00	0.00	0.00	0.00	81.04	0.00	0.00	**90.32**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	245.22	0.00	0.00	0.00	0.20	195.71	0.00	0.00	**441.13**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	0.00	0.00	234.89	3.79	0.00	6.88	161.75	57.98	17.91	13.77	**496.97**
Tilapia Nilotika	0.00	4.60	0.76	17.99	5.87	0.00	123.77	0.00	4.41	0.00	1.66	**159.06**
Tilapia Merah	0.00	6.91	2.38	11.99	8.61	0.00	18.41	0.00	18.40	0.35	0.25	**67.30**
Toman	0.00	0.00	0.00	9.18	18.44	0.00	0.00	69.63	18.00	38.55	14.20	**168.00**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	6.86	115.61	1,109.70	676.28	0.00	159.09	3,599.34	141.06	809.76	256.35	**6,874.05**
Pelbagai	0.00	7.04	0.95	174.72	0.00	0.00	133.80	215.52	418.44	103.76	87.39	**1,141.62**
Jumlah	14.39	117.98	189.27	3,373.86	1,326.55	0.00	759.76	5,473.70	2,812.32	1,937.68	929.39	**16,934.90**

Jadual(*Table*) **29.6**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN PENGELUARAN IKAN DARI PERAIRAN UMUM (BEKAS LOMBONG) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM PUBLIC WATERBODIES (EX-MINING POOLS) BY STATE AND SPECIES, 2003

(TAN METRIK/*TONNES)*

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	0.00	0.00	3.41	0.95	0.00	0.35	0.00	0.73	0.91	0.00	**6.35**
Belida	0.00	0.00	0.00	0.48	0.73	0.00	0.00	0.00	0.00	0.00	0.00	**1.21**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.00	0.00	0.00	1.56	0.41	0.00	0.00	0.00	0.04	0.00	0.00	**2.01**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	0.00	0.00	0.00	7.55	17.85	0.00	2.40	1.95	2.18	0.00	0.00	**31.93**
Jelawat	0.00	0.00	0.00	1.97	0.55	0.00	0.00	0.00	0.08	0.00	0.00	**2.60**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	0.00	0.00	4.48	0.43	0.00	0.00	0.00	0.68	0.00	0.00	**5.59**
Kap Kepala Besar	0.00	0.00	0.00	44.38	5.15	0.00	0.00	0.00	0.38	0.00	0.02	**49.93**
Kap Rumput	0.00	0.00	0.00	25.58	4.51	0.00	0.00	0.00	0.50	0.00	0.00	**30.59**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.21	0.00	0.00	**0.44**
Keli	0.00	0.00	0.00	2.38	4.20	0.00	3.07	0.21	0.05	0.00	0.00	**9.91**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	4.07	2.79	0.00	0.49	0.65	0.28	0.78	0.00	**9.06**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	**0.40**
Lampan Jawa	0.00	1.17	0.00	64.69	1.78	0.00	4.58	0.07	1.57	0.00	0.15	**74.01**

sambung dari jadual 29.6

cont'd from table 29.6

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	0.00	0.00	0.00	8.85	0.41	0.00	0.00	0.00	0.43	1.84	0.28	**11.81**
Lee Koh	0.00	0.00	0.00	2.22	1.33	0.00	0.00	0.00	0.07	0.00	0.00	**3.62**
Lomah	0.00	0.00	0.00	53.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**53.60**
Patin	0.00	0.00	0.00	7.22	2.62	0.00	0.00	0.00	2.19	0.00	0.00	**12.03**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	0.00	0.00	0.00	1.44	1.19	0.00	1.43	0.21	0.45	0.00	0.00	**4.72**
Sebarau	0.00	0.00	0.00	0.30	0.52	0.00	0.00	0.00	0.00	0.00	0.06	**0.88**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.00	0.00	0.00	4.83	0.62	0.00	0.10	0.00	0.76	0.00	0.00	**6.31**
Sepat Padi	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	**0.45**
Tapah	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.27	0.00	0.00	**1.47**
Tamalian	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	**0.20**
Temakang	0.00	0.00	0.00	6.35	0.00	0.00	0.03	0.00	0.14	0.00	0.00	**6.52**
Temoleh	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	**0.20**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	0.00	0.00	11.49	441.00	0.00	0.93	0.00	3.11	0.00	0.08	**456.61**
Tilapia Nilotika	0.00	33.91	0.00	88.63	4.26	0.00	5.56	0.37	0.00	0.00	0.10	**132.83**
Tilapia Merah	0.00	0.00	0.00	8.68	3.89	0.00	0.55	0.55	0.69	0.00	0.04	**14.40**
Toman	0.00	0.00	0.00	3.40	1.37	0.00	0.00	1.11	0.87	0.00	0.00	**6.75**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	1.22	0.05	0.00	0.00	0.00	0.00	0.00	0.00	**1.27**
Pelbagai	0.00	0.84	0.00	9.98	0.72	0.00	0.12	0.00	7.08	0.00	0.10	**18.84**
Jumlah	0.00	35.92	0.00	369.96	498.21	0.00	19.81	5.12	23.16	3.53	0.83	**956.54**

Jadual(Table) 29.7

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI PERAIRAN UMUM (BEKAS LOMBONG) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (EX-MINING POOLS) BY STATE AND SPECIES, 2003

(RM '000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	0.00	0.00	28.85	7.32	0.00	3.22	0.00	11.21	7.97	0.00	**58.57**
Belida	0.00	0.00	0.00	3.60	3.16	0.00	0.00	0.00	0.00	0.00	0.00	**6.76**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.00	0.00	0.00	12.29	3.90	0.00	0.00	0.00	0.24	0.00	0.00	**16.43**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	0.00	0.00	0.00	54.74	180.46	0.00	21.50	15.44	12.86	0.00	0.00	**285.00**
Jelawat	0.00	0.00	0.00	7.35	3.71	0.00	0.00	0.00	0.13	0.00	0.00	**11.19**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	0.00	0.00	16.71	1.97	0.00	0.00	0.00	3.79	0.00	0.00	**22.47**
Kap Kepala Besar	0.00	0.00	0.00	111.39	15.30	0.00	0.00	0.00	1.05	0.00	0.08	**127.82**
Kap Rumput	0.00	0.00	0.00	129.18	21.56	0.00	0.00	0.00	1.90	0.00	0.00	**152.64**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.59	0.00	0.00	**3.59**
Keli	0.00	0.00	0.00	6.76	10.71	0.00	7.58	0.47	0.15	0.00	0.00	**25.67**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	198.98	94.86	0.00	13.27	26.46	4.83	27.43	0.00	**365.83**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.37	0.00	0.00	**5.37**
Lampan Jawa	0.00	4.55	0.00	247.12	9.02	0.00	16.12	0.27	9.70	0.00	0.77	**287.55**

sambung dari jadual 29.7

cont'd from table 29.7

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	0.00	0.00	0.00	31.95	2.10	0.00	0.00	0.00	3.32	10.34	1.40	**49.11**
Lee Koh	0.00	0.00	0.00	9.12	5.67	0.00	0.00	0.00	0.38	0.00	0.00	**15.17**
Lomah	0.00	0.00	0.00	134.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**134.54**
Patin	0.00	0.00	0.00	24.98	7.23	0.00	0.00	0.00	15.33	0.00	0.00	**47.54**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	0.00	0.00	0.00	7.06	8.02	0.00	10.87	0.93	1.22	0.00	0.00	**28.10**
Sebarau	0.00	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.44	**2.34**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.00	0.00	0.00	19.32	3.21	0.00	0.62	0.00	3.38	0.00	0.00	**26.53**
Sepat Padi	0.00	0.00	0.00	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	**1.97**
Tapah	0.00	0.00	0.00	7.70	0.00	0.00	0.00	0.00	4.03	0.00	0.00	**11.73**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	25.02	0.00	0.00	0.00	0.00	1.39	0.00	0.00	**26.41**
Temoleh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	0.00	0.00	31.83	1578.78	0.00	5.31	0.00	23.33	0.00	0.44	**1639.69**
Tilapia Nilotika	0.00	123.43	0.00	248.16	15.72	0.00	17.74	1.39	0.00	0.00	0.42	**406.86**
Tilapia Merah	0.00	0.00	0.00	34.11	16.49	0.00	2.11	2.09	3.75	0.00	0.18	**58.73**
Toman	0.00	0.00	0.00	8.94	12.03	0.00	0.00	7.33	3.98	0.00	0.00	**32.28**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	30.71	1.20	0.00	0.00	0.00	0.00	0.00	0.00	**31.91**
Pelbagai	0.00	2.50	0.00	29.94	0.00	0.00	0.93	0.00	28.96	0.00	0.41	**62.74**
Jumlah	0.00	130.48	0.00	1462.25	2004.39	0.00	99.27	54.38	143.89	45.74	4.14	**3944.54**

Jadual(*table*) **29.8**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI PERAIRAN UMUM (BEKAS LOMBONG) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (EX-MINING POOLS) BY STATE AND SPECIES, 2003

(RM '000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	0.00	0.00	41.91	9.21	0.00	4.27	0.00	14.88	10.66	0.00	**80.93**
Belida	0.00	0.00	0.00	4.63	4.18	0.00	0.00	0.00	0.00	0.00	0.00	**8.81**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.00	0.00	0.00	17.55	4.89	0.00	0.00	0.00	0.38	0.00	0.00	**22.82**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	0.00	0.00	0.00	79.95	239.73	0.00	30.29	21.29	16.59	0.00	0.00	**387.85**
Jelawat	0.00	0.00	0.00	17.61	4.68	0.00	0.00	0.00	1.25	0.00	0.00	**23.54**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	0.00	0.00	24.37	2.63	0.00	0.00	0.00	5.81	0.00	0.00	**32.81**
Kap Kepala Besar	0.00	0.00	0.00	198.82	21.84	0.00	0.00	0.00	2.23	0.00	0.11	**223.00**
Kap Rumput	0.00	0.00	0.00	188.01	26.74	0.00	0.00	0.00	3.64	0.00	0.00	**218.39**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	**8.00**
Keli	0.00	0.00	0.00	10.78	17.01	0.00	12.96	0.86	0.16	0.00	0.00	**41.77**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	252.42	117.12	0.00	21.44	31.86	6.47	32.86	0.00	**462.17**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.59	0.00	0.00	**6.59**
Lampan Jawa	0.00	6.77	0.00	380.38	10.98	0.00	24.41	0.40	12.04	0.00	1.09	**436.07**

sambung dari jadual 29.8

cont'd from table 29.8

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	0.00	0.00	0.00	46.82	2.77	0.00	0.00	0.00	4.78	12.99	1.78	**69.14**
Lee Koh	0.00	0.00	0.00	14.10	6.93	0.00	0.00	0.00	0.45	0.00	0.00	**21.48**
Lomah	0.00	0.00	0.00	211.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**211.72**
Patin	0.00	0.00	0.00	39.20	10.82	0.00	0.00	0.00	15.70	0.00	0.00	**65.72**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	0.00	0.00	0.00	11.45	0.00	0.00	15.53	1.29	2.64	0.00	0.00	**30.91**
Sebarau	0.00	0.00	0.00	2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.57	**3.33**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.00	0.00	0.00	26.95	4.20	0.00	0.96	0.00	3.71	0.00	0.00	**35.82**
Sepat Padi	0.00	0.00	0.00	0.01	2.64	0.00	0.00	0.00	0.00	0.00	0.00	**2.65**
Tapah	0.00	0.00	0.00	11.10	0.00	0.00	0.00	0.00	5.28	0.00	0.00	**16.38**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	35.56	0.00	0.00	0.00	0.00	1.61	0.00	0.00	**37.17**
Temoleh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	0.00	0.00	46.88	2324.07	0.00	8.10	0.00	23.33	0.00	0.57	**2402.95**
Tilapia Nilotika	0.00	173.28	0.00	407.70	20.36	0.00	24.63	2.11	0.00	0.00	0.57	**628.65**
Tilapia Merah	0.00	0.00	0.00	47.74	21.63	0.00	2.89	3.04	5.85	0.00	0.25	**81.40**
Toman	0.00	0.00	0.00	14.31	13.88	0.00	0.00	9.93	6.75	0.00	0.00	**44.87**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	39.33	1.45	0.00	0.00	0.00	0.00	0.00	0.00	**40.78**
Pelbagai	0.00	3.94	0.00	42.42	2.16	0.00	1.07	0.00	52.04	0.00	0.56	**102.19**
Jumlah	0.00	183.99	0.00	2214.48	2869.92	0.00	146.55	70.78	200.18	56.51	5.50	**5747.91**

Jadual(*table*) **29.9**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN PENGELUARAN IKAN DARI PERAIRAN UMUM (EMPANGAN) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM PUBLIC WATERBODIES (DAMS) BY STATE AND SPECIES, 2003

(TAN METRIK/*TONNES)*

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	9.16	0.00	3.47	0.42	0.00	0.00	3.52	2.21	13.53	5.10	**37.41**
Belida	0.40	2.92	0.00	0.00	0.39	0.00	0.00	7.80	0.44	1.24	0.85	**14.04**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.21	1.04	0.00	0.00	0.41	0.00	0.00	0.80	1.13	1.02	0.41	**5.02**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	**0.19**
Haruan	0.31	2.99	0.00	0.00	0.43	0.00	0.00	2.38	4.28	1.58	0.83	**12.80**
Jelawat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.14	**0.53**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	3.90	0.00	0.74	0.35	0.00	0.00	7.00	0.82	1.11	0.35	**14.27**
Kap Kepala Besar	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.49	0.00	0.00	**0.54**
Kap Rumput	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.60	0.00	0.00	**0.62**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	1.46	0.03	0.00	0.00	0.00	0.00	2.41	0.00	**3.90**
Keli	0.22	0.00	0.00	0.00	0.82	0.00	0.00	2.35	0.18	0.56	0.52	**4.65**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	0.17	0.44	0.00	0.00	9.86	0.07	1.52	0.00	**12.06**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	**0.28**
Lampan Jawa	2.09	9.12	0.00	0.43	0.44	0.00	0.00	5.20	1.18	0.19	1.92	**20.57**

sambung dari jadual 29.9
cont'd fromtable 29.9

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	1.79	10.98	0.00	2.80	0.40	0.00	0.00	0.00	0.69	19.77	3.03	**39.46**
Lee Koh	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.50	0.00	0.00	**0.85**
Lomah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.51	0.14	0.01	**1.18**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	1.05	0.00	0.00	0.00	0.34	0.00	0.00	2.20	0.23	0.81	1.19	**5.82**
Sebarau	0.73	5.49	0.00	2.31	0.42	0.00	0.00	2.98	0.07	2.56	0.79	**15.35**
Selat	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.47**
Sepat Siam	0.32	0.00	0.00	0.00	0.42	0.00	0.00	1.00	1.27	0.00	0.00	**3.01**
Sepat Padi	0.00	0.00	0.00	0.00	0.36	0.00	0.00	3.10	0.21	0.00	1.13	**4.80**
Tapah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	**0.02**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.53	0.42	0.08	0.00	**9.03**
Temoleh	0.00	0.00	0.00	1.67	0.00	0.00	0.00	0.00	0.00	0.09	0.00	**1.76**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.52**
Tengas	0.00	0.00	0.00	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.09**
Terubul	0.61	6.45	0.00	0.51	0.42	0.00	0.00	1.85	1.12	1.92	0.18	**13.06**
Tilapia Nilotika	0.50	8.87	0.00	0.00	1.40	0.00	0.00	0.00	0.68	0.00	1.52	**12.97**
Tilapia Merah	1.05	0.00	0.00	0.00	1.26	0.00	0.00	0.00	0.77	0.00	0.55	**3.63**
Toman	0.00	0.00	0.00	2.34	0.00	0.00	0.00	5.23	0.18	1.69	2.36	**11.80**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.80	**3.80**
Pelbagai	20.46	24.55	0.00	0.00	0.48	0.00	0.00	9.60	2.09	2.38	3.91	**63.47**
Jumlah	30.21	85.47	0.00	18.51	10.17	0.00	0.00	73.40	21.00	52.62	28.59	**319.97**

Jadual(*Table*) 29.10

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI PERAIRAN UMUM (EMPANGAN) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (DAMS) BY STATE AND SPECIES, 2003

(RM '000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	83.17	0.00	29.36	3.23	0.00	0.00	32.00	33.95	118.52	46.05	**346.28**
Belida	1.11	8.76	0.00	0.00	1.69	0.00	0.00	30.03	3.55	7.18	3.99	**56.31**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.74	12.48	0.00	0.00	3.90	0.00	0.00	0.00	6.88	6.65	1.75	**32.40**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	**2.07**
Haruan	2.16	23.56	0.00	0.00	4.35	0.00	0.00	18.85	25.25	9.43	4.19	**87.79**
Jelawat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	1.06	**1.71**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	13.61	0.00	2.76	1.61	0.00	0.00	29.75	4.57	3.37	1.45	**57.12**
Kap Kepala Besar	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	1.35	0.00	0.00	**1.50**
Kap Rumput	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	2.28	0.00	0.00	**2.38**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	25.59	0.00	0.00	0.00	0.00	0.00	36.15	0.00	**61.74**
Keli	0.49	0.00	0.00	0.00	2.09	0.00	0.00	5.29	0.54	2.51	1.87	**12.79**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	8.31	14.96	0.00	0.00	401.40	1.21	53.46	0.00	**479.34**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.76	0.00	0.00	**3.76**
Lampan Jawa	6.27	35.48	0.00	1.64	2.23	0.00	0.00	20.12	7.29	1.17	9.79	**83.99**

sambung dari jadual 29.10

cont'd from table 29.10

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	4.48	34.70	0.00	10.11	2.04	0.00	0.00	0.00	5.33	111.11	15.12	**182.89**
Lee Koh	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	2.71	0.00	0.00	**4.20**
Lomah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.00	3.57	0.72	0.04	**5.77**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	4.73	0.00	0.00	0.00	2.29	0.00	0.00	9.75	0.63	2.89	3.99	**24.28**
Sebarau	2.19	27.45	0.00	14.65	0.00	0.00	0.00	17.14	0.71	15.51	5.77	**83.42**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	1.12	0.00	0.00	0.00	2.17	0.00	0.00	2.58	5.65	0.00	0.00	**11.52**
Sepat Padi	0.00	0.00	0.00	0.00	1.58	0.00	0.00	12.40	1.19	0.00	3.23	**18.40**
Tapah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	**0.14**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.15	4.18	0.24	0.00	**32.57**
Temoleh	0.00	0.00	0.00	29.51	0.00	0.00	0.00	0.00	0.00	0.90	0.00	**30.41**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	15.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**15.58**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	1.53	28.64	0.00	1.41	1.50	0.00	0.00	6.20	8.40	6.72	0.98	**55.38**
Tilapia Nilotika	1.50	32.29	0.00	0.00	5.17	0.00	0.00	0.00	2.77	0.00	6.34	**48.07**
Tilapia Merah	4.20	0.00	0.00	0.00	5.34	0.00	0.00	0.00	4.18	0.00	2.45	**16.17**
Toman	0.00	0.00	0.00	6.15	0.00	0.00	0.00	34.52	0.82	7.22	9.77	**58.48**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.09	**78.09**
Pelbagai	0.00	73.16	0.00	0.00	0.00	0.00	0.00	62.21	8.55	6.83	15.95	**166.70**
Jumlah	30.52	373.30	0.00	145.07	57.33	0.00	0.00	710.39	142.04	390.72	211.88	**2061.25**

Jadual(*Table*) **29.11**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI PERAIRAN UMUM (EMPANGAN) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (DAMS) BY STATE AND SPECIES, 2003

(RM '000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	123.29	0.00	42.65	4.07	0.00	0.00	45.72	45.06	158.44	57.78	**477.01**
Belida	1.51	16.29	0.00	0.00	2.23	0.00	0.00	42.82	5.66	9.00	5.17	**82.68**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.00	18.38	0.00	0.00	4.89	0.00	0.00	0.00	10.64	8.60	2.43	**44.94**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.43	0.00	0.00	**3.43**
Haruan	3.20	37.05	0.00	0.00	5.77	0.00	0.00	25.99	32.57	12.66	5.76	**123.00**
Jelawat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.10	0.00	1.43	**7.53**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	24.38	0.00	4.03	2.14	0.00	0.00	45.64	7.01	5.59	1.95	**90.74**
Kap Kepala Besar	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	2.88	0.00	0.00	**3.09**
Kap Rumput	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	4.36	0.00	0.00	**4.48**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	34.72	0.00	0.00	0.00	0.00	0.00	58.25	0.00	**92.97**
Keli	0.88	0.00	0.00	0.00	3.32	0.00	0.00	9.61	0.59	3.52	2.72	**20.64**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	10.54	18.47	0.00	0.00	483.34	1.62	64.04	0.00	**578.01**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.61	0.00	0.00	**4.61**
Lampan Jawa	9.41	52.80	0.00	2.53	2.71	0.00	0.00	29.54	9.05	1.46	14.00	**121.50**

sambung dari jadual 29.11

cont'd from table 29.11

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	6.27	51.50	0.00	14.81	2.70	0.00	0.00	0.00	7.67	139.58	19.24	**241.77**
Lee Koh	0.00	0.00	0.00	0.00	1.82	0.00	0.00	0.00	3.21	0.00	0.00	**5.03**
Lomah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin	0.00	0.00	0.00	0.00	2.15	0.00	0.00	0.00	3.66	1.01	0.05	**6.87**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	8.40	0.00	0.00	0.00	0.00	0.00	0.00	13.51	1.35	4.40	5.43	**33.09**
Sebarau	0.00	48.04	0.00	21.25	0.00	0.00	0.00	22.86	0.86	20.28	7.50	**120.79**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	1.44	0.00	0.00	0.00	2.85	0.00	0.00	5.00	6.20	0.00	0.00	**15.49**
Sepat Padi	0.00	0.00	0.00	0.00	2.11	0.00	0.00	11.10	1.52	0.00	4.33	**19.06**
Tapah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	**0.19**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.23	4.83	0.40	0.00	**51.46**
Temoleh	0.00	0.00	0.00	37.81	0.00	0.00	0.00	0.00	0.00	1.08	0.00	**38.89**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	22.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**22.95**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	2.14	46.57	0.00	2.08	2.21	0.00	0.00	9.21	8.40	9.66	1.28	**81.55**
Tilapia Nilotika	2.00	45.33	0.00	0.00	6.69	0.00	0.00	0.00	4.76	0.00	8.71	**67.49**
Tilapia Merah	5.25	0.00	0.00	0.00	7.01	0.00	0.00	0.00	6.53	0.00	3.37	**22.16**
Toman	0.00	0.00	0.00	9.85	0.00	0.00	0.00	46.81	1.40	10.66	12.65	**81.37**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.39	**94.39**
Pelbagai	0.00	115.14	0.00	0.00	1.44	0.00	0.00	83.33	15.36	11.95	21.97	**249.19**
Jumlah	40.50	578.77	0.00	203.22	72.91	0.00	0.00	920.71	199.33	520.77	270.16	**2806.37**

Jadual(*table*) 29.12

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN PENGELUARAN IKAN DARI PERAIRAN UMUM (TASIK) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM PUBLIC WATERBODIES (LAKES) BY STATE AND SPECIES, 2003

(TAN METRIK/*TONNES*)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	0.40	0.00	13.17	0.00	0.00	0.00	0.00	1.49	0.00	1.24	**16.30**
Belida	0.00	0.20	0.00	5.50	0.00	0.00	0.00	0.00	0.38	0.00	1.32	**7.40**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.00	0.06	0.00	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.24	**1.35**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	0.00	0.20	0.00	7.09	3.02	0.00	0.00	0.00	0.29	0.00	1.09	**11.69**
Jelawat	0.00	0.00	0.00	4.33	0.00	0.00	0.00	0.10	0.01	0.00	0.15	**4.59**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	**0.17**
Kalui	0.00	0.20	0.00	18.65	0.00	0.00	0.00	0.00	0.18	0.00	1.14	**20.17**
Kap Kepala Besar	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.08	0.00	0.00	**0.59**
Kap Rumput	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.39**
Kelabu	0.00	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**9.10**
Kelah	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.23**
Keli	0.00	0.01	0.00	0.20	10.62	0.00	0.00	0.00	0.17	0.00	0.07	**11.07**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	3.59	0.26	0.00	0.00	0.10	0.09	0.00	1.14	**5.18**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	**0.28**
Lampan Jawa	0.00	0.14	0.00	35.87	0.58	0.00	0.00	0.00	0.11	0.00	1.33	**38.03**

sambung dari jadual 29.12

cont'd fromtable 29.12

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	0.00	0.31	0.00	64.56	0.00	0.00	0.00	0.00	0.65	0.00	2.03	**67.55**
Lee Koh	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.43**
Lomah	0.00	0.00	0.00	30.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**30.13**
Patin	0.00	0.00	0.00	2.17	0.03	0.00	0.00	0.00	0.10	0.00	0.00	**2.30**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.06	0.00	0.00	**1.46**
Sebarau	0.00	0.25	0.00	10.87	0.00	0.00	0.00	0.00	0.00	0.00	0.28	**11.40**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.00	0.00	0.00	0.42	1.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.42**
Sepat Padi	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.00**
Tapah	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00	0.89	0.00	0.00	**1.81**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	**0.30**
Temoleh	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.22**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	72.89	0.00	0.00	0.00	0.00	0.08	0.00	0.00	**72.97**
Tengas	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.20**
Terubul	0.00	0.35	0.00	60.51	0.00	0.00	0.00	0.00	1.15	0.00	0.15	**62.16**
Tilapia Nilotika	0.00	0.00	0.00	1.22	0.00	0.00	0.00	1.17	0.00	0.00	0.03	**2.42**
Tilapia Merah	0.00	0.00	0.00	1.98	0.78	0.00	0.00	0.00	0.16	0.00	0.00	**2.92**
Toman	0.00	0.00	0.00	11.26	0.00	0.00	0.00	2.30	3.07	0.00	1.29	**17.92**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.65**
Pelbagai	0.00	0.50	0.00	47.81	0.00	0.00	0.00	0.00	5.34	0.00	1.90	**55.55**
Jumlah	0.00	2.62	0.00	405.00	19.61	0.00	0.00	3.67	14.58	0.00	13.87	**459.35**

Jadual(*table*) 29.13

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI PERAIRAN UMUM (TASIK) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (LAKES) BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	3.63	0.00	111.42	0.00	0.00	0.00	0.00	22.89	0.00	11.20	**149.14**
Belida	0.00	0.60	0.00	41.31	0.00	0.00	0.00	0.00	3.07	0.00	6.19	**51.17**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.00	0.72	0.00	8.27	0.00	0.00	0.00	0.00	0.00	0.00	1.02	**10.01**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	0.00	1.58	0.00	51.40	30.53	0.00	0.00	0.00	1.71	0.00	5.50	**90.72**
Jelawat	0.00	0.00	0.00	16.15	0.00	0.00	0.00	0.67	0.02	0.00	1.14	**17.98**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	**0.83**
Kalui	0.00	0.70	0.00	69.56	0.00	0.00	0.00	0.00	1.00	0.00	4.73	**75.99**
Kap Kepala Besar	0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.00	0.22	0.00	0.00	**1.50**
Kap Rumput	0.00	0.00	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.97**
Kelabu	0.00	0.00	0.00	53.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**53.05**
Kelah	0.00	0.00	0.00	4.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**4.03**
Keli	0.00	0.02	0.00	0.57	27.08	0.00	0.00	0.00	0.51	0.00	0.25	**28.43**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	175.52	8.84	0.00	0.00	4.07	1.55	0.00	34.61	**224.59**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.76	0.00	0.00	**3.76**
Lampan Jawa	0.00	0.54	0.00	137.02	2.94	0.00	0.00	0.00	0.68	0.00	6.78	**147.96**

sambung dari jadual 29.13

cont'd fromtable 29.13

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	0.00	0.98	0.00	233.06	0.00	0.00	0.00	0.00	5.02	0.00	10.13	**249.19**
Lee Koh	0.00	0.00	0.00	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.77**
Lomah	0.00	0.00	0.00	75.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**75.63**
Patin	0.00	0.00	0.00	7.51	0.08	0.00	0.00	0.00	0.70	0.00	0.00	**8.29**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	0.00	0.00	0.00	0.00	9.44	0.00	0.00	0.00	0.16	0.00	0.00	**9.60**
Sebarau	0.00	1.25	0.00	68.92	0.00	0.00	0.00	0.00	0.00	0.00	2.04	**72.21**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.00	0.00	0.00	1.68	5.17	0.00	0.00	0.00	0.00	0.00	0.00	**6.85**
Sepat Padi	0.00	0.00	0.00	0.00	4.38	0.00	0.00	0.00	0.00	0.00	0.00	**4.38**
Tapah	0.00	0.00	0.00	0.00	9.20	0.00	0.00	0.00	13.27	0.00	0.00	**22.47**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	**1.45**
Temoleh	0.00	0.00	0.00	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**3.89**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	747.12	0.00	0.00	0.00	0.00	1.33	0.00	0.00	**748.45**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	1.55	0.00	167.61	0.00	0.00	0.00	0.00	8.63	0.00	0.82	**178.61**
Tilapia Nilotika	0.00	0.00	0.00	3.42	0.00	0.00	0.00	4.39	0.00	0.00	0.13	**7.94**
Tilapia Merah	0.00	0.00	0.00	7.78	3.31	0.00	0.00	0.00	0.87	0.00	0.00	**11.96**
Toman	0.00	0.00	0.00	29.61	0.00	0.00	0.00	15.18	14.06	0.00	5.34	**64.19**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	16.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**16.36**
Pelbagai	0.00	1.49	0.00	143.43	0.00	0.00	0.00	0.00	21.84	0.00	7.75	**174.51**
Jumlah	0.00	13.06	0.00	2179.34	100.97	0.00	0.00	24.31	101.29	0.00	99.91	**2518.88**

Jadual(*table*) 29.14

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI PERAIRAN UMUM (TASIK) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (LAKES) BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	5.38	0.00	161.86	0.00	0.00	0.00	0.00	30.38	0.00	14.05	**211.67**
Belida	0.00	1.12	0.00	53.02	0.00	0.00	0.00	0.00	4.89	0.00	8.03	**67.06**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Bujuk	0.00	1.06	0.00	11.81	0.00	0.00	0.00	0.00	0.00	0.00	1.42	**14.29**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	0.00	2.48	0.00	75.08	40.56	0.00	0.00	0.00	2.21	0.00	7.56	**127.89**
Jelawat	0.00	0.00	0.00	38.71	0.00	0.00	0.00	0.85	0.16	0.00	1.53	**41.25**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	**1.17**
Kalui	0.00	1.25	0.00	101.46	0.00	0.00	0.00	0.00	1.54	0.00	6.35	**110.60**
Kap Kepala Besar	0.00	0.00	0.00	2.28	0.00	0.00	0.00	0.00	0.47	0.00	0.00	**2.75**
Kap Rumput	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**2.87**
Kelabu	0.00	0.00	0.00	78.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**78.90**
Kelah	0.00	0.00	0.00	5.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**5.47**
Keli	0.00	0.04	0.00	0.91	43.01	0.00	0.00	0.00	0.56	0.00	0.37	**44.89**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	222.65	10.91	0.00	0.00	4.90	2.08	0.00	39.63	**280.17**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.61	0.00	0.00	**4.61**
Lampan Jawa	0.00	0.81	0.00	210.92	3.58	0.00	0.00	0.00	0.84	0.00	9.70	**225.85**

sambung dari jadual 29.14

cont'd fromtable 29.14

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	0.00	1.45	0.00	341.52	0.00	0.00	0.00	0.00	7.22	0.00	12.89	**363.08**
Lee Koh	0.00	0.00	0.00	2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**2.73**
Lomah	0.00	0.00	0.00	119.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**119.01**
Patin	0.00	0.00	0.00	11.78	0.12	0.00	0.00	0.00	0.72	0.00	0.00	**12.62**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	**0.35**
Sebarau	0.00	2.19	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66	**104.85**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.00	0.00	0.00	2.34	6.78	0.00	0.00	0.00	0.00	0.00	0.00	**9.12**
Sepat Padi	0.00	0.00	0.00	0.00	5.87	0.00	0.00	0.00	0.00	0.00	0.00	**5.87**
Tapah	0.00	0.00	0.00	0.00	9.80	0.00	0.00	0.00	17.41	0.00	0.00	**27.21**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	**1.88**
Temoleh	0.00	0.00	0.00	4.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**4.98**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	1100.64	0.00	0.00	0.00	0.00	2.78	0.00	0.00	**1103.42**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	2.53	0.00	246.88	0.00	0.00	0.00	0.00	8.63	0.00	1.07	**259.11**
Tilapia Nilotika	0.00	0.00	0.00	5.61	0.00	0.00	0.00	6.66	0.00	0.00	0.17	**12.44**
Tilapia Merah	0.00	0.00	0.00	10.89	4.34	0.00	0.00	0.00	1.36	0.00	0.00	**16.59**
Toman	0.00	0.00	0.00	47.40	0.00	0.00	0.00	20.59	23.82	0.00	6.91	**98.72**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	0.00	0.00	20.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**20.96**
Pelbagai	0.00	2.35	0.00	203.19	0.00	0.00	0.00	0.00	39.25	0.00	10.68	**255.47**
Jumlah	0.00	20.66	0.00	3183.87	124.97	0.00	0.00	33.00	149.28	0.00	126.07	**3637.85**

Jadual(*table*) **29.15**

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN PENGELUARAN IKAN DARI PERAIRAN UMUM (LAIN - LAIN) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED FISH PRODUCTION FROM PUBLIC WATERBODIES (OTHERS) BY STATE AND SPECIES, 2003

(TAN METRIK/*TONNES)*

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	4.28	0.00	0.24	0.39	0.00	0.00	0.00	6.09	0.25	3.20	**14.45**
Belida	0.00	0.67	0.00	0.00	0.37	0.00	0.00	0.00	1.12	0.05	1.33	**3.54**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.27	0.08	**3.35**
Bujuk	0.00	0.36	0.00	0.00	0.41	0.00	0.00	0.00	0.81	0.64	0.84	**3.06**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	0.38	54.53	0.00	27.10	12.44	0.00	0.00	0.38	4.15	28.12	5.85	**132.95**
Jelawat	0.00	1.30	0.00	0.00	0.44	0.00	0.00	0.00	0.10	0.00	0.02	**1.86**
Juara	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	**0.03**
Kalui	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.30	0.01	1.02	**1.63**
Kap Kepala Besar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	**0.04**
Kap Rumput	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	**0.11**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.44	**0.93**
Keli	0.46	61.14	0.00	55.11	22.38	0.00	0.00	1.26	2.05	32.20	7.10	**181.70**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	0.31	0.39	0.00	0.00	0.00	0.21	0.60	0.00	**1.51**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	0.00	0.00	**1.88**
Lampan Jawa	0.00	10.37	0.00	8.17	0.35	0.00	0.00	0.00	0.72	0.00	2.79	**22.40**

sambung dari jadual 29.15

cont'd fromtable 29.15

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	0.59	14.57	0.00	1.55	0.36	0.00	0.00	0.00	1.53	0.00	3.87	**22.47**
Lee Koh	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.03	0.00	0.12	**0.54**
Lomah	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.20**
Patin	0.00	0.00	0.00	1.50	0.49	0.00	0.00	0.00	1.40	1.00	0.40	**4.79**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	**0.15**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	0.67	23.86	0.00	13.50	1.58	0.00	0.00	0.26	0.76	1.91	3.01	**45.55**
Sebarau	0.00	0.55	0.00	0.00	1.59	0.00	0.00	0.00	0.99	0.00	1.51	**4.64**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.00	2.62	0.00	15.85	2.24	0.00	0.00	0.00	1.03	0.75	1.46	**23.95**
Sepat Padi	0.68	2.38	0.00	5.00	1.59	0.00	0.00	0.00	0.00	4.01	1.75	**15.41**
Tapah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.67	0.00	0.00	**2.67**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	5.68	0.00	0.00	0.00	0.00	0.98	0.00	0.29	**6.95**
Temoleh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.08	**0.18**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	**0.48**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	**0.15**
Terubul	0.00	0.73	0.00	0.63	0.42	0.00	0.00	0.00	2.54	0.72	1.05	**6.09**
Tilapia Nilotika	0.00	13.63	0.00	2.80	2.91	0.00	0.00	0.00	0.30	0.00	1.30	**20.94**
Tilapia Merah	0.00	11.61	0.00	0.96	1.86	0.00	0.00	0.00	0.35	0.00	1.32	**16.10**
Toman	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.28	0.14	1.46	**2.25**
Udang Putih	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.05**
Udang Galah	0.00	2.53	0.00	0.00	0.43	0.00	0.00	0.00	0.02	0.04	3.52	**6.54**
Pelbagai	0.00	3.85	0.00	60.17	0.46	0.00	0.00	0.00	5.21	0.85	7.94	**78.48**
Jumlah	2.78	208.98	0.00	200.19	51.82	0.00	0.00	1.90	36.40	75.05	51.90	**629.02**

Jadual(*table*) 29.16

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI PERAIRAN UMUM (LAIN - LAIN) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (OTHERS) BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	38.86	0.00	2.03	3.00	0.00	0.00	0.00	93.54	2.19	28.90	**168.52**
Belida	0.00	2.01	0.00	0.00	1.60	0.00	0.00	0.00	9.04	0.26	6.24	**19.15**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.41	0.39	**18.80**
Bujuk	0.00	4.32	0.00	0.00	3.90	0.00	0.00	0.00	4.93	4.17	3.58	**20.90**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	0.00	429.70	0.00	196.48	125.77	0.00	0.00	3.01	24.49	167.88	29.54	**976.87**
Jelawat	2.64	9.23	0.00	0.00	2.97	0.00	0.00	0.00	0.17	0.00	0.15	**15.16**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.00	1.67	0.03	4.23	**7.31**
Kap Kepala Besar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	**0.11**
Kap Rumput	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	**0.42**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.35	13.65	**21.00**
Keli	0.00	180.36	0.00	156.51	57.07	0.00	0.00	2.84	6.15	144.26	25.56	**572.75**
Kenerek	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**1.02**
Ketutu	0.00	0.00	0.00	15.16	13.26	0.00	0.00	0.00	3.62	21.10	0.00	**53.14**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.25	0.00	0.00	**25.25**
Lampan Jawa	0.00	40.34	0.00	31.21	1.77	0.00	0.00	0.00	4.45	0.00	14.23	**92.00**

sambung dari jadual 29.16

cont'd fromtable 29.16

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah
Lampan Sungai	1.48	46.04	0.00	5.60	1.84	0.00	0.00	0.00	11.83	0.00	19.31	**86.10**
Lee Koh	0.00	0.00	0.00	0.00	1.66	0.00	0.00	0.00	0.16	0.00	0.64	**2.46**
Lomah	0.00	0.00	0.00	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**3.01**
Patin	0.00	0.00	0.00	5.19	1.35	0.00	0.00	0.00	9.80	5.12	1.62	**23.08**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.00	0.00	**6.56**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Puyu	3.02	148.17	0.00	66.15	10.65	0.00	0.00	1.15	2.07	6.82	10.08	**248.11**
Sebarau	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	11.02	**23.77**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Sepat Siam	0.00	10.58	0.00	63.40	11.58	0.00	0.00	0.00	4.58	3.00	6.70	**99.84**
Sepat Padi	1.70	10.57	0.00	19.55	6.96	0.00	0.00	0.00	0.00	17.72	5.01	**61.51**
Tapah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.81	0.00	0.00	**39.81**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Temakang	0.00	0.00	0.00	22.38	0.00	0.00	0.00	0.00	9.76	0.00	1.40	**33.54**
Temoleh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.00	**1.18**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.98	0.00	0.00	**7.98**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	3.24	0.00	1.75	1.50	0.00	0.00	0.00	19.05	2.52	5.71	**33.77**
Tilapia Nilotika	0.00	49.61	0.00	7.84	10.74	0.00	0.00	0.00	1.22	0.00	5.42	**74.83**
Tilapia Merah	0.00	46.32	0.00	3.77	7.89	0.00	0.00	0.00	1.90	0.00	5.87	**65.75**
Toman	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00	1.28	0.60	6.04	**8.89**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	63.78	0.00	0.00	10.32	0.00	0.00	0.00	0.61	0.92	72.34	**147.97**
Pelbagai	0.00	11.47	0.00	180.51	0.00	0.00	0.00	0.00	21.31	2.44	32.40	**248.13**
Jumlah	9.86	1097.35	0.00	781.51	275.21	0.00	0.00	7.00	322.94	404.79	310.03	**3208.69**

Jadual(*table*) 29.17

SEMENANJUNG MALAYSIA/*PENINSULAR MALAYSIA*

ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI PERAIRAN UMUM (LAIN - LAIN) MENGIKUT NEGERI DAN SPESIS, 2003

ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM PUBLIC WATERBODIES (OTHERS) BY STATE AND SPECIES, 2003

(RM ' 000)

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	Kelantan	Jumlah *Total*
Baung	0.00	57.61	0.00	2.95	3.78	0.00	0.00	0.00	124.18	2.93	36.26	**227.71**
Belida	0.00	3.74	0.00	0.00	2.12	0.00	0.00	0.00	14.41	0.33	8.09	**28.69**
Belut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.16	0.57	**26.73**
Bujuk	0.00	6.36	0.00	0.00	4.89	0.00	0.00	0.00	7.63	5.40	4.98	**29.26**
Gohok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Haruan	3.93	675.63	0.00	286.99	167.07	0.00	0.00	4.15	31.58	225.24	40.60	**1435.19**
Jelawat	0.00	13.26	0.00	0.00	3.74	0.00	0.00	0.00	1.56	0.00	0.20	**18.76**
Juara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kalui	0.00	0.00	0.00	0.00	1.83	0.00	0.00	0.00	2.57	0.05	5.68	**10.13**
Kap Kepala Besar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	**0.24**
Kap Rumput	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	**0.80**
Kelabu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Kelah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.84	16.20	**28.04**
Keli	1.83	327.10	0.00	249.65	90.64	0.00	0.00	5.15	6.74	202.54	37.20	**920.85**
Kenerek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Ketutu	0.00	0.00	0.00	19.23	16.37	0.00	0.00	0.00	4.85	25.28	0.00	**65.73**
Kerai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.98	0.00	0.00	**30.98**
Lampan Jawa	0.00	60.04	0.00	48.04	2.16	0.00	0.00	0.00	5.52	0.00	20.34	**136.10**

sambung dari jadual 29.17

cont'd fromtable 29.17

Negeri *State*	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Terengganu	24.57	Jumlah
Lampan Sungai	2.07	68.33	0.00	8.20	2.43	0.00	0.00	0.00	17.00	0.00	0.89	**98.92**
Lee Koh	0.00	0.00	0.00	0.00	2.03	0.00	0.00	0.00	0.19	0.00	0.00	**2.22**
Lomah	0.00	0.00	0.00	4.74	0.00	0.00	0.00	0.00	0.00	0.00	2.17	**6.91**
Patin	0.00	0.00	0.00	8.15	2.02	0.00	0.00	0.00	10.04	7.18	0.00	**27.39**
Patin Buah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.16	0.00	0.00	**7.16**
Patin Munchong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.73	**13.73**
Puyu	5.36	212.83	0.00	107.33	0.00	0.00	0.00	1.60	4.46	10.37	14.33	**356.28**
Sebarau	0.00	4.81	0.00	0.00	0.00	0.00	0.00	0.00	12.23	0.00	0.00	**17.04**
Selat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.48	**8.48**
Sepat Siam	0.00	16.06	0.00	88.44	15.19	0.00	0.00	0.00	5.03	4.33	6.70	**135.75**
Sepat Padi	2.38	15.28	0.00	26.30	9.33	0.00	0.00	0.00	0.00	22.30	0.00	**75.59**
Tapah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.23	0.00	0.00	**52.23**
Tamalian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	**1.82**
Temakang	0.00	0.00	0.00	31.81	0.00	0.00	0.00	0.00	11.28	0.00	0.00	**43.09**
Temoleh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0.00	**1.74**
Temperas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Tengelan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.66	0.00	0.00	**16.66**
Tengas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Terubul	0.00	5.27	0.00	2.57	2.21	0.00	0.00	0.00	19.05	3.62	7.46	**40.18**
Tilapia Nilotika	0.00	69.65	0.00	12.88	13.91	0.00	0.00	0.00	2.10	0.00	7.45	**105.99**
Tilapia Merah	0.00	66.87	0.00	5.28	10.34	0.00	0.00	0.00	2.97	0.00	8.09	**93.55**
Toman	0.00	0.00	0.00	1.56	0.00	0.00	0.00	0.00	2.17	0.88	7.83	**12.44**
Udang Putih	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Udang Galah	0.00	75.44	0.00	0.00	12.47	0.00	0.00	0.00	0.66	1.16	87.44	**177.17**
Pelbagai	0.00	18.06	0.00	255.72	1.38	0.00	0.00	0.00	38.29	4.27	44.62	**362.34**
Jumlah	15.57	1696.34	0.00	1159.84	363.91	0.00	0.00	10.90	434.32	553.88	405.70	**4640.46**

PENGELUARAN BENIH IKAN/UDANG

FISH/PRAWN FRY PRODUCTION

Jadual*(Table)* **30.1**

MALAYSIA

ANGGARAN PENGELUARAN BENIH IKAN AIR TAWAR DARI PUSAT PEMBAIKBIAK IKAN KERAJAAN MENGIKUT PUSAT DAN SPESIS, 2003

ESTIMATED PRODUCTION OF FRESHWATER FINGERLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2003

(KUANTITI DALAM EKOR*/QUANTITY IN PIECES* **)**

Spesis *(Species)* **Pusat Pembaikbiak** *(Hatchery)*	**Rega***/Hatchling* **Benih***/Fry*	**Lampam Jawa** *Javanese Carp*	**Lee Koh** *Common Carp*	**Sepat Siam** *Snakeskin Gouramy*	**Tilapia Nilotika** *Tilapia Nilotica*	**Tilapia Merah** *Red Tilapia*	**Kap Kepala Besar** *Big Head Carp*	**Jelawat** *River Carp*	**Keli** *Freshwater Catfish*	**Baung** *River Catfish*	**Lain-Lain** Others	**Jumlah** *Total*
PPAT Bukit Tinggi, Pahang	**Rega***/Hatchling*	1,500,000	0	0	0	0	0	0	700,000	0	0	**2,200,000**
	Benih*/Fry*	457,700	0	0	0	578,550	0	0	0	0	0	**1,036,250**
PPA Jitra, Kedah	**Rega***/Hatchling*	0	0	0	0	0	0	0	500,000	0	0	**500,000**
	Benih*/Fry*	174,900	0	0	2,310	886,965	0	0	398,657	0	330	**1,463,162**
PLPD Enggor, Perak	**Rega***/Hatchling*	0	0	700	0	0	0	0	65,000	0	0	**65,700**
	Benih*/Fry*	537,030	0	700	0	319,450	0	0	243,130	0	10,300	**1,110,610**
PPIAT Bt Berendam, Melaka	**Rega***/Hatchling*	0	0	0	0	0	0	0	0	0	0	**0**
	Benih*/Fry*	0	0	0	0	0	0	0	0	0	0	**0**
PPA Machang, Kelantan	**Rega***/Hatchling*	0	0	0	0	0	0	0	0	0	0	**0**
	Benih*/Fry*	0	0	0	0	453,262	0	0	214,000	0	0	**667,262**
PPA Tapah, Perak	**Rega***/Hatchling*	0	0	0	0	0	0	0	0	0	0	**0**
	Benih*/Fry*	756,355	0	0	0	631,525	0	0	44,700	600	3,090	**1,436,270**
PPA Jerantut, Pahang	**Rega***/Hatchling*	0	0	0	0	0	0	0	0	0	0	**0**
	Benih*/Fry*	32,000	0	0	0	704,700	0	500	0	8,200	1,278,300	**2,023,700**
Sarawak	**Rega***/Hatchling*	0	0	0	0	0	0	0	0	0	0	**0**
	Benih*/Fry*	1,677,319	1,347,673	1,520	250	2,989,026	0	0	0	0	4,659,666	**10,675,454**
Sabah	**Rega***/Hatchling*	0	0	0	0	0	0	0	0	0	0	**0**
	Benih*/Fry*	175,163	115,789	0	883,307	1,081,108	0	0	16,649	0	44,350	**2,316,366**
Jumlah*/Total*	**Rega***/Hatchling*	**1,500,000**	**0**	**700**	**0**	**0**	**0**	**0**	**1,265,000**	**0**	**0**	2,765,700
	Benih*/Fry*	**3,810,467**	**1,463,462**	**2,220**	**885,867**	**7,644,586**	**0**	**500**	**917,136**	**8,800**	**5,996,036**	**20,729,074**

Jadual(*Table*) **30.2**

MALAYSIA

ANGGARAN PENGELUARAN BENIH UDANG AIR PAYAU/MASIN DAN UDANG GALAH DARI PUSAT KERAJAAN MENGIKUT PUSAT DAN SPESIS, 2003

ESTIMATED PRODUCTION OF BRACKISHWATER AND GIANT FRESHWATER PRAWN FINGERLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2003

(KUANTITI DALAM EKOR/*QUANTITY IN PIECES)*

Spesis *(Species)* **Pusat Penetasan** *(Hatchery)*	**Pengeluaran (Ekor)** *Production (Pieces)*							
	Udang Harimau *Tiger Prawn*		**Udang Putih** *Banan Prawn*		**Udang Galah** *Giant Freshwater Prawns*		**Jumlah** *Total*	
	Nauplii *Nauplii*	**Benih** *Fry*	**Nauplii** *Nauplii*	**Benih** *Fry*	**Nauplii** *Nauplii*	**Benih** *Fry*	**Nauplii** *Nauplii*	**Benih** *Fry*
PPUG Kg. Acheh, Perak	0	0	0	0	12,000	5,018	12,000	**5,018**
PPIUL Tg. Demong, Terengganu	0	0	0	0	0	0	0	**0**
PPPBUK Kg. Pulau Sayak, Kedah	0	3,548,500	0	125,000	0	79,000	0	**3,752,500**
PPTAP Gelang Patah*, Johor	0	0	0	0	0	0	0	**0**
Sarawak	3	6,000,000	0	0	0	2,000,000	0	**6,000,000**
Sabah	0	0	0	0	0	0	0	**0**
Jumlah/*Total*	**3**	**9,548,500**	**0**	**125,000**	**12,000**	**2,084,018**	**12,003**	**11,757,518**

*** PPTAP Gelang Patah hanya menumpukan aktiviti kajian ikan dan udang sahaja**

** PPTAP Gelang Patah only concentrates on research activities on fish and prawn*

MALAYSIA

ANGGARAN PENGELUARAN BENIH IKAN AIR PAYAU/MASIN DARI PUSAT KERAJAAN MENGIKUT PUSAT DAN SPESIS, 2003

ESTIMATED PRODUCTION OF BRACKISHWATER FISH FINGERLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2003

(KUANTITI DALAM EKOR/*QUANTITY IN PIECES)*

Spesis *(Species)* **Pusat Penetasan** *(Hatchery)*	**Rega/***Hatchling* **Benih/***Fry*	**Pengeluaran (Ekor)** *Production (Pieces)*						
		Kerapu *Grouper*	**Siakap** *Barramundi*	**Siakap Merah** *Mangrove Red Snapper*	**Siput Sudu** *Mussels*	**Tiram** *Oyster*	**Lain-lain** *Others*	**Jumlah** *Total*
PPUG Kg. Acheh, Perak	**Rega/***Hatchling*	0	0	0	0	0	0	**0**
	Benih/*Fry*	0	0	0	0	0	0	**0**
PPIUL Tg. Demong, Terengganu	**Rega/***Hatchling*	37,500,000	127,800,000	0	0	0	0	**165,300,000**
	Benih/*Fry*	0	774,600	0	0	0	52,000	**826,600**
PPPBUK Kg. Pulau Sayak, Kedah	**Rega/***Hatchling*	2,500,000	2,000,000	0	0	21,425,000		**25,925,000**
	Benih/*Fry*	1,500,000	533,248	0	0	2,646,470		**4,679,718**
PPTAP Gelang Patah*, Johor	**Rega/***Hatchling*	0	0	0	0	0	0	**0**
	Benih/*Fry*	0	0	0	0	0	0	**0**
Sarawak	**Rega/***Hatchling*	0	1,662,145	0	0	0	0	**1,662,145**
	Benih/*Fry*	0	0	0	0	0	0	**0**
Sabah	**Rega/***Hatchling*	0	0	0	0	0	0	**0**
	Benih/*Fry*	5,190	171,144	0	0	0	0	**176,334**
Jumlah/*Total*	**Rega/***Hatchling*	**40,000,000**	**131,462,145**	**0**	**0**	**21,425,000**	**0**	**192,887,145**
	Benih/*Fry*	**1,505,190**	**1,478,992**	**0**	**0**	**2,646,470**	**52,000**	**5,682,652**

*** PPTAP Gelang Patah hanya menumpukan aktiviti kajian ikan dan udang sahaja**

** PPTAP Gelang Patah only concentrates on research activities on fish and prawn*

MALAYSIA

BILANGAN DAN ANGGARAN PENGELUARAN HACERI BENIH IKAN AIR PAYAU SWASTA MENGIKUT NEGERI, 2003

NUMBER AND ESTIMATED PRODUCTION OF PRIVATE BRACKISHWATER FISH FRY HATCHERY BY STATE, 2003

Negeri *State*	**Bilangan** *Numbers*	**Rega/Benih** *Hatchling/Fry*	**Pengeluaran (Ekor)** *Production (Pieces)*						
			Kerapu *Grouper*	**Siakap** *Barramundi*	**Siakap Merah** *Mangrove Red Snapper*	**Siput Sudu** *Mussels*	**Tiram** *Oyster*	**Lain Lain** *Others*	**Jumlah** *Total*
Perlis	0	**Rega**/*Hatchling*	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	0	0	**0**
Kedah	0	**Rega**/*Hatchling*	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	0	0	**0**
Pulau Pinang	1	**Rega**/*Hatchling*	5,000,000	15,000,000	1,000,000	0	0	3,000,000	**24,000,000**
		Benih/*Fry*	500,000	2,000,000	400,000	0	0	1,100,000	**4,000,000**
Perak	0	**Rega**/*Hatchling*	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	0	0	**0**
Selangor	1	**Rega**/*Hatchling*	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	29,400	0	0	0		**29,400**
Negeri Sembilan	0	**Rega**/*Hatchling*	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	0	0	**0**
Melaka	0	**Rega**/*Hatchling*	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	0	0	**0**
Johor	4	**Rega**/*Hatchling*							**0**
		Benih/*Fry*	16,290	1,546,000	0	0	0	83,000,000	**84,562,290**
Pahang	2	**Rega**/*Hatchling*		0	0	0	0		**0**
		Benih/*Fry*	42,715	0	0	0	0	0	**42,715**
Terengganu	49	**Rega**/*Hatchling*	17,000	753,285,000	1,500	0	0	0	**753,303,500**
		Benih/*Fry*		0	0	0	0	0	**0**
Kelantan	0	**Rega**/*Hatchling*	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	0	0	**0**
Sarawak	na	**Rega**/*Hatchling*	na	na	na	na	na	na	na
		Benih/*Fry*	na	na	na	na	na	na	na
Sabah	2	**Rega**/*Hatchling*	0	0	0	0	0	0	**0**
		Benih/*Fry*	183,165	500,000	0	0	0	129,122	**812,287**
Jumlah/*Total*	**59**	**Rega**/*Hatchling*	**5,017,000**	**768,285,000**	**1,001,500**	**0**	**0**	**3,000,000**	**777,303,500**
		Benih/*Fry*	**742,170**	**4,075,400**	**400,000**	**0**	**0**	**84,229,122**	**89,446,692**

na: Tiada maklumat(No information available)

Jadual (Table) **30.5**

MALAYSIA

BILANGAN DAN ANGGARAN PENGELUARAN HACERI BENIH UDANG SWASTA MENGIKUT NEGERI, 2003

NUMBER AND ESTIMATED PRODUCTION OF PRIVATE PRAWN FRY HATCHERY BY STATE, 2003

Negeri *State*	**Bilangan** *Numbers*	**Pengeluaran (Juta Ekor)**						
		Udang Harimau *Tiger Prawn*		**Udang Putih** *Banana Prawn*		**Bilangan** *Numbers*	**Udang Galah** *Giant Freshwater prawn*	
		Nauplii *Nauplii*	**Benih** *Fry*	**Nauplii** *Nauplii*	**Benih** *Fry*		**Rega** *Larvae*	**Benih** *Juvenile*
Perlis	0	0.00	0.00	0.00	0.00	0	0.00	0.00
Kedah	1	312.00	0.00	0.00	0.00	0	0.00	0.00
Pulau Pinang	12	705.00	328.00	0.00	0.00	0	0.00	0.00
Perak	20	1,713.17	223.14	21.60	18.00	15	0.00	8.44
Selangor	5	203.00	485.20	0.00	0.00	0	0.00	0.00
Negeri Sembilan	2	10.80	6.70	0.00	0.00	1	0.00	6.90
Melaka	0	0.00	0.00	0.00	0.00	0	0.00	0.00
Johor	5	232.52	381.68	0.00	6.00	1	0.00	0.69
Pahang	0	0.00	0.00	0.00	0.00	0	0.00	0.00
Terengganu	4	785.00	145.50	0.00	0.00	1	0.00	2.56
Kelantan	1	0.00	0.34	0.00	0.00	0	0.00	0.00
Sarawak	13	0.00	321.00	0.00	0.00	0	0.00	0.00
Sabah	11	0.00	425.00	0.00	0.00	0	0.00	0.00
Jumlah/*Total*	**74**	**3961.49**	**2316.56**	**21.6**	**24**	**18**	**0**	**18.59**

na: Tiada maklumat(No information available)

MALAYSIA

BILANGAN DAN ANGGARAN PENGELUARAN HACERI BENIH IKAN AIR TAWAR SWASTA MENGIKUT NEGERI, 2003

NUMBER AND ESTIMATED PRODUCTION OF PRIVATE FRESHWATER FISH FRY HATCHERIES BY STATE, 2003

Negeri *State*	**Bilangan** *Numbers*	**Rega/Benih** *Hatchling/Fry*	**Pengeluaran (Ekor)** *Production (Pieces)*								
			Lampam Jawa *Javanese Carp*	**Lee Koh** *Common Carp*	**Sepat Siam** *Snakeskin Gouramy*	**Patin** *River Catfish*	**Tilapia Merah** *Red Tilapia*	**Keli** *River Catfish*	**Kap Rumput** *Grass Carp*	**Pelbagai** *Others*	**Jumlah** *Total*
Perlis	0	**Rega/***Hatchling*	0	0	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	0	0	0	0	**0**
Kedah	3	**Rega/***Hatchling*	0	0	0	0	0	0	0	0	**0**
		Benih/*Fry*	190,000	0	0	0	40,000	18,355,000	0	0	**18,585,000**
Pulau Pinang	2	**Rega/***Hatchling*	0	0	0	0	0	21,500,000	0	0	**21,500,000**
		Benih/*Fry*	0	0	0	0	0	13,000,000	0	0	**13,000,000**
Perak	7	**Rega/***Hatchling*	0	0	0	0	0	950,000	0	0	**950,000**
		Benih/*Fry*	29,000	1,052,000	0	0	335,000	21,040,000	19,500	6,000	**22,481,500**
Selangor	14	**Rega/***Hatchling*	0	0	0	3,000	40,000	80,000	0	60,000	**183,000**
		Benih/*Fry*	1,415,000	8,500,000	87,700	7,312,000	16,270,000	127,898,000	0	26,682,600	**188,165,300**
Negeri Sembilan	8	**Rega/***Hatchling*	0	0	0	0	0	0	0	0	**0**
		Benih/*Fry*	32,000	325,000	0	0	5,317,000	3,161,000	0	3,277,000	**12,112,000**
Melaka	11	**Rega/***Hatchling*	0	200,000	0	1,200,000	0	1,000,000	0	0	**2,400,000**
		Benih/*Fry*	2,705,000	8,549,000	0	4,995,000	6,099,400	15,407,000	1,215,000	5,670,000	**44,640,400**
Johor	5	**Rega/***Hatchling*	0	0	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	10,000	43,400,000	0	0	**43,410,000**
Pahang	9	**Rega/***Hatchling*	0	0	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	12,418,198	880	653,182	3,008,960	556,350	620	1,201,768	**17,839,958**
Terengganu	7	**Rega/***Hatchling*	0	0	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	448,000	250,000	0	0	**698,000**
Kelantan	9	**Rega/***Hatchling*	0	20,000	0	15,000	2,015,000	408,000	0	65,000	**2,523,000**
		Benih/*Fry*	210,000	12,000	0	0	275,000	183,000	0	0	**680,000**
Sarawak	na	**Rega/***Hatchling*	0	0	0	0	0	0	0	0	**0**
		Benih/*Fry*	0	0	0	0	0	0	0	0	**0**
Sabah	na	**Rega/***Hatchling*	na	na	na	na	na	na	na	na	na
		Benih/*Fry*	na	na	na	na	na	na	na	na	na
Jumlah/*Total*	**75**	**Rega/***Hatchling*	**0**	**220,000**	**0**	**1,218,000**	**2,055,000**	**23,938,000**	**0**	**125,000**	**27,556,000**
		Benih/*Fry*	**4,581,000**	**30,856,198**	**88,580**	**12,960,182**	**31,803,360**	**243,250,350**	**1,235,120**	**36,837,368**	**361,612,158**

na: Tiada maklumat (No information available)

MALAYSIA

PEMBAHAGIAN BENIH IKAN AIR TAWAR UNTUK KEGUNAAN PELBAGAI DAN PELEPASAN KE PERAIRAN UMUM MENGIKUT NEGERI DAN SPESIS, 2003

DISTRIBUTION OF FRESHWATER FISH FRY FOR MISCELLANEOUS PURPOSES AND RELEASED INTO PUBLIC WATERBODIES BY STATE AND SPECIES, 2003

(KAUNTITI DALAM EKOR/*QUANTITY IN PIECES)*

Negeri *State*	Kegunaan Pelbagai/*Miscellaneaus*							Pelepasan Ke Perairan Umum/*Released Into Public Waters*						Jumlah Kecil *Sub Total*	Jumlah Besar *Grand Total*
	Lampam Jawa *Javanese Carp*	Lee Koh *Common Carp*	Keli *Freshwater Catfish*	Tilapia Hitam *Black Tilapia*	Tilapia Merah *Red Tilapia*	Pelbagai *Others*	Jumlah Kecil *Sub Total*	Lampam Jawa *Javanese Carp*	Lee Koh *Common Carp*	Udang Galah *Giant Fresh-Water Prawn*	Tilapia Merah *Red Tilapia*	Baung *River Catfish*	Pelbagai *Others*		
Perlis	0	0	0	0	0	0	0	26,000	0	0	0	0	0	26,000	26,000
Kedah	8,230	0	12,976	27,940	11,184	0	60,330	250,470	0	0	0	0	3,993	254,463	314,793
P. Pinang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perak	25,135	0	18,400	0	29,685	2,790	76,010	1,037,000	0	540,000	18,350	0	1,300	1,596,650	1,672,660
Selangor	1,500	0	0	0	0	0	1,500	0	0	50,000	0	0	0	50,000	51,500
N. Sembilan	0	0	0	0	0	0	0	15,000	0	0	5,000	0	0	20,000	20,000
Melaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Johor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pahang	0	0	0	0	0	24,000	24,000	174,500	0	0	0	35,400	261,000	470,900	494,900
Terengganu	0	0	0	0	0	0	0	27,000	0	0	16,200	0	50,000	93,200	93,200
Kelantan	0	0	500	0	100	100	700	0	0	0	0	0	0	0	700
Sarawak	1,677,319	1,347,673	3,414,406	301,215	2,989,026	1,807,757	11,537,396	274,310	13,000	380,220	1,927,100	140,000	132,200	2,866,830	14,404,226
Sabah	0	0	0	0	0	0	0	22,550	5,450	0	0	0	2,000	30,000	30,000
Jumlah/ *Total*	1,712,184	1,347,673	3,446,282	329,155	3,029,995	1,834,647	11,699,936	1,826,830	18,450	970,220	1,966,650	175,400	450,493	5,408,043	17,107,979

Jadual*(Table)* **30.8**

MALAYSIA

PEMBAHAGIAN BENIH IKAN AIR TAWAR KEPADA PENTERNAK MENGIKUT NEGERI DAN SPESIS IKAN, 2003

DISTRIBUTION OF FRESHWATER FISH FRY TO CULTURISTS BY STATE AND SPECIES, 2003

(KUANTITI DALAM EKOR*/QUANTITY IN PIECES)*

Negeri *State*	**Lampam Jawa** *Javanese Carp*	**Lee Koh** *Common Carp*	**Sepat Siam** *Snakeskin Gouramy*	**Patin** *River Catfish*	**Udang Galah** *Giant Fresh water Prawn*	**Tilapia Merah** *Red Tilapia*	**Keli** *River Catfish*	**Kap Rumput** *Grass Carp*	**Pelbagai** *Others*	**Jumlah** *Total*
Perlis	0	0	0	0	0	67,500	17,400	0	0	**84,900**
Kedah	222,731	0	0	0	0	489,212	285,895		10,551	**1,008,389**
Pulau Pinang	0	0	0	0	0	0	0	0	0	**0**
Perak	156,700	0	0	0	648,000	836,790	142,030	0	10,300	**1,793,820**
Selangor	35,062	0	0	0	102,000	26,000	0	0	0	**163,062**
Negeri Sembilan	86,000	0	0	0	0	186,500	0	0	197,000	**469,500**
Melaka	0	0	0	0	104,000	6,000	0	0	0	**110,000**
Johor	0	0	0	0	0	0	0	0	0	**0**
Pahang	28,700	0	0	113,800	17,000	331,165	0	0	36,800	**527,465**
Terengganu	32,300	0	0	242,000	226,000	331,000	0	0	2,000	**833,300**
Kelantan	0	0	0	0	0	0	0	0	0	**0**
Sarawak	1,677,319	1,347,673	1,520	0	354,800	2,989,026	0	0	5,167,058	**11,537,396**
Sabah	125,503	76,794	0	0	0	779,285	4,500	0	764,876	**1,750,958**
Jumlah*/Total*	**2,364,315**	**1,424,467**	**1,520**	**355,800**	**1,451,800**	**6,042,478**	**449,825**	**0**	**6,188,585**	**18,278,790**

KLASIFIKASI PERANGKAAN PIAWAIAN IKAN AIR TAWAR DAN IKAN LAUT MALAYSIA

STANDARD STATISTICAL CLASSIFICATION OF MALAYSIAN FRESHWATER AND MARINE FISHES

KLASIFIKASI PERANGKAAN PIAWAIAN IKAN AIR TAWAR MALAYSIA

STANDARD STATISTICAL CLASSIFICATION OF COMMON MALAYSIAN FRESHWATER FISHES

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
11	Carps, Barbles and Other	Tengas	Carp	*Acrossocheilus hexagonolepis*
		Kap Kepala Besar	Big Head Carp	*Aristichthys nobilis*
		Ikan Mas	Edible Gold Fish	*Carassius auratus*
		Kap Lumpur	Mud Carp	*Cirrhina molitorella*
		Kap Rumput	Grass Carp	*Ctenopharyngodon idellas*
		Temperas	Carp	*Cyclochelichthys apogon*
		Lee Koh	Common Carp	*Cyprinus Carpio*
		Semilang Batu	Carp	*Epbalzeorthynhus kalopterus*
		Sebarau	Carp	*Hampala macrolepidota*
		Kap Perak	Silver Carp	*Hypophthalmichthys molitrix*
		Pucuk Pisang	Carp/Barb	*Labiobarbus fasciatus*
		Lomah	Carp/Barb	*Labiobarbus ocellatus*
		Jelawat	River Carp	*Leptobarbus hoevenii*
		Kap Hitam	Black Carp	*Mylopheryngodon piceus*
		Sia	Carp	*Mystacoleucus marginatus*
		Terbol	Carp	*Osteochilus hasseltii*
		Lalang	Carp	*Oxygaster anomalura*
		Bulu Ayam	Moustached thryssa	*Thryssa mystax*
		Temoleh, Temelian	Malaysian Carp	*Probarbus jullieni*
		Putih, Tebal Sisek	Common Barb	*Puntius binotatus*
		Tengalan	Carp/Barb	*Puntius bulu*
		Kerai Kunyit	Carp/Barb	*Hyrsibarbus sp.*

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
		Lampam Jawa	Javanese Carp	*Puntius gonionotus*
		Bagoh	Spanner Barb	*Puntius lateristriga*
		Lampam Sungai	River Carp	*Puntius lateristriga*
		Susur Batang	Brilliant Rasbora	*Rasbora einthovenii*
		Seluang	Two-spot Rasbora	*Rasbora elegans*
		Kelah	River Carp	*Tor tambroides*
12	Tilapias and Cichids	Tilapia	Tilapia	*Tilapia mossambica*
13	Miscellaneous freshwater fishes	Puyu	Climbing Perch	*Anabas tertudineus*
		Tuna	Rivel Eel	*Anquilla bicolor/A.nebulosa*
		Kepala Timah	White Spot	*Aplocheilus panchax*
		Lali-lali	Loach	*Botia spp.*
		Kecil Kayu/ Keli Bunga	Freshwater Catfish	*Clarias batrachus/ C. marcrocephalu*
		Limbat	Freshwater Catfish	*Clarias nieuhofi*
		Belut	Swamp Eel	*Fluta alba*
		Temakang	Kissing Gourami	*Helostoma temminckii*
		Susoh Batu	Loach	*Homaloptera spp.*
		Baung	River Catfish	*Mystus spp.*
		Tengku Lolah	River Catfish	*Mystus wyckii*
		Belida	Feather Back	*Notopterus notopterus*
		Kalui	Giant Gourami	*Osphronermus goramy*
		Bujuk	Snake Head	*Ophicephalus lucius*
		Toman	Snake Head	*Ophicephalus micropeltes*
		Haruan	Snake Head	*Ophicephalus striatus*
		Ketutu	Goby	*Oxyeleotris marmoratus*
		Lawang	River Catfish	*Pangasius micronemus*

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
		Patin	River Catfish	*Pangasius pangasius*
		Kepar, Patung	Perch	*Pristolepis fasciatus*
		Kelisa	Sclerapages	*Scleropages formosus*
		Sepat Siam	Snakeskin Gouramy	*Trichogaster pectoralis*
		Sepat Ronggeng	Two-spot Gouramy	*Trichogaster trichopterus*
		Tapah	Giant Catfish	*Wallago spp.*
41	Freshwater Crustaceans	Udang Galah	Giant Freshwater Prawn	*Macrobrachium rosenbergii*

KLASIFIKASI PERANGKAAN PIAWAIAN IKAN LAUT MALAYSIA

STANDARD STATISTICAL CLASSIFICATION OF COMMON MALAYSIAN MARINE FISHES

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
	DIADROMOUS FISHES			
24	Shads	Kebasi / Selangat	Gizzard / Cahcunda shad	D *Anodontostoma chacunda*
	Milk fishes,	Puput	Shad	D *Pellona spp.*
	etc.	Beliak mata	Elongated ilisna	D *Ilisha elongata*
		Terubok	Longtail shad	P *Tenualosa macrura*
25	Miscellaneous Diadromous Fishes	Siakap	Giant sea perch/ Barramundi	D *Lates calcarifer*
	MARINE FISH			
31	Flounders ,	Sebelah	Flatfish	D *Pseudorhombus spp.*
	Halibut	Lidah	Tonguefish / Tongue sole	D *Cynoglossus spp.*
	Soles, etc.	Togok	Halibut	D *Psettodes erumei*
33	Redfishes,	Bayan	Parrotfish	D *Scarus spp. / Thalassoma spp.*
	Basses,	Biji nangka	Goatfish	D *Upeneus sp. / Parupeneus spp.*
	Congers, etc	Daun Baharu	Spotted sicklefish	D *Drepane spp.*
		Delah	Fusilier	D *Caesio spp./ Pterocaesio spp*
		Dengkis / Debam	Spinefoot/Rabbitfish	D *Siganus spp.*
		Duri/Pulutan/Otek	Sea catfish	D *Arius sp. / Osteiogenoisus spp.*
		Gelama	Jewfish	D *Pennahia spp. / Johnius spp.*

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
		Tengkerong	Tiger-tooth croaker	D *Otolithes sp. / Protonibea spp.*
		Gerut-gerut	Grunter	D *Pomadasys spp.*
		Jebong	Starry Tiggerfish	D *Abalister stellaris*
		Jenahak	John's Snapper	D *Lutjanus johni*
		Kerisi Bali	Sharp tooth jobfish	D *Pristipomoides spp.*
		Kaci	Sweetlips	D *Plectorhinchus spp.*
		Kapas laut	Majorras / Silver biddies	D *Gerres spp.*
		Kerapu	Grouper	D *Epinephelus sp. / Plectropomus spp./ Chepalopolis spp.*
		Kerisi	Threadfin bream	D *Nemipterus spp. / Pentapodus spp.*
		Pasir2 / Timun2 / Puyu laut	Monocle bream	D *Scolopsis spp.*
		Kikek	Ponyfish	D *Leiognathus spp. / Secutor Spp. / Gazza spp.*
		Lumi-lumi	Bombay-duck	D *Harpodon nehereus*
		Malong	Pike congerl	D *Muraenesox spp.*
		Merah	Red snapper	D *Lutjanus malabaricus / L. sebae*
		Tanda	Russel's Snapper	D *Lutjanus russelli*
		Mengkerong / Ubi/	Lizard Fish	D *Saurida spp. / Trachinocephalus spp.*
		Puntung damar / Bulus-bulus	Sillago-whitings	D *Sillago spp.*
		Pelandok	Emperors	D *Lethrinus spp.*
		Peluru	Spadefish	D *Ephippus orbis*
		Remong / Kunyit-kunyit	Snapper	D *Lutjanus lineolatus / Lutjanus vittus*

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
		Semilang	Eel catfish	D *Plotosus spp.*
		Shrumbu/Lemah	False trevally	D *Lactarius lactarius*
34	Jacks,	Aji-aji	Blackbanded trevally	D *Seriolina nigrofasciata*
	Mullets,	Alu-alu / Kacang-kacang	Barracuda	D *Sphyreana spp.*
	Sauries, etc	Aruan tasik	Cobia	D *Rachycentron canadum*
		Cermin / Ebek / Cupak	Trevally / Indian threadfish	D *Alectis indicus / Carangoides spp.*
		Demudok / Rambai	Horse mackerel / Trevally	D *Carangoides spp.*
		Gerong-gerong	Golden trevally	D *Gnathanodon speciosus*
		Bawal hitam	Black pomfret	P *Parastromateus niger*
		Bawal putih	Silver pomfret	P *Pampus argenteus*
		Bawal tambak	Chinese silver pomfret	P *Pampus chinensis*
		Bawal selatan	Small pomfret	P *Pampus spp.*
		Belanak / Kedera	Mullet	P *Mugil spp. / Liza spp./ Valamugil spp.*
		Cincaru	Hardtail scad	P *Megalspis cordyla*
		Kurau / Senangin / Senohong	Threadfin	P *Polynemus spp. / Eleutheronema spp.*
		Kerepoh	Bigeye trevally	P *Caranx sexfasciatus*
		Lolong	Ox-eye scad	P *Selar boops*
		Mata besar / Selar	Big-eye scad	P *Selar crumenopthalmus*
		Selar / Pelata	Yellowtail scad	P *Alepas spp. / Atule mate*
		Selar kuning	Yellow-striped scad	P *Selaroides leptolepis*
		Pisang-pisang	Rainbow runner	P *Elagatis bipinnulatus*
		Selayang / Curut	Round scad	P *Decapterus spp.*
		Talang	Queenfish / Leatherskin	P *Scomberoides spp.*

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
35	Herrings	Bulan-bulan	Indo-pacific tarpon	D *Megalops cyprinoids*
		Tamban sisek	Fringescale sardine	P *Sardinella spp.*
		Tamban buloh / Tamban bulat	Rainbow sardine	P *Dussumieris spp.*
		Bilis	Anchovy	P *Stolephorus spp.*
		Parang-parang	Wolf herring	P *Chirocentrus spp.*
36	Tunas,	Aya / Kayu / Tongkol hitam	Longtail tuna	P *Thunnus tonggol*
		Aya / Kayu / Tongkol kurik	Easten little tuna / Kawakawa	P *Euthynnus affinis*
		Aya / Kayu / Tongkol selasih	Frigate tuna	P *Auxis thazard*
		Aya / Kayu /	Skipjack tuna	P *Katsuwonus pelamis*
		Aya / Kayu / Tuna mata besar	Bigeye tuna	P *Thunnus obesus*
		Aya / Kayu / Tuna sirip kuning	Yellowfin tuna	P *Thunnus albacares*
	Billfishes, etc.	Layaran / Mersuji	Sailfish / Blue & Black marlin	P *Istiophorus spp. / Makaira spp.*
		Tenggiri	Spanish mackerel	P *Scomberomorus spp.*
37	Mackerels,	Timah / Layor / Selayor	Large-head hairtail / Ribbon fish	D *Trichiurus spp.*
	Snoeks, Cutlass	Kembong / Temenong / Pelaling	Indian mackerel / Short mackerel	P *Rastrelliger spp.*
38	Sharks, Rays	Yu	Sharks	D *Carcharhinus spp. / Sphyrna spp.*
	Chimaeras, etc.	Pari	Rays	D *Himantura spp. / Gymnura spp. / Myliobatis spp. / Aetobabus spp.*
39	Miscellaneous	Ikan baja	Trash fish	D *Miscellaneous*
	Marine fishes	Ikan campur	Mixed fishes	D *Mixed species*

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
	CRUSTACEAN			
42	Sea spiders,	Ketam laut / Ketam renjong	Blue swimming crab	*Portunus pelagicus*
	Crabs, etc.	Ketam batu	Indo-pacific swamp-Crab	*Scylla serrata*
43	Lobsters,	Udang karang	Spiny lobster	*Panulirus polyhagus*
	Spiny rock lobster, etc	Udang lobok	Slipper lobster	*Thenus orientalis*
45	Shrimps,	Udang puteh / Udang kaki	Banana prawn / Western	*Penaeus merguiensis / P. indicus*
	Prawns, etc.	Merah / Udang susu	King prawn	*P. latisucatus*
		Udang harimau	Giant tiger prawn / Green tiger prawn	*Penaeus monodon / P. semisulcatus*
		Udang pasir / Udang pasir kepala Besar	Sand prawn	*Metapeneopsis stridulans / M. berbeensis / Trachypenaeus fulvus*
		Udang puteh kecil	Bridshrimp / Small white prawn	*Metapenaeus lysianassa*
		Udang kuning	Yellow prawn	*Metapenaeus brevicornis*
		Udang merah ros / Udang ekor biru	Gingja shrimp / Greasyback shrimp	*Metapenaeus affinis / M. ensis/M. intermedius*
		Udang kulit keras	Rainbow prawn	*Parapenaeopsis sculptilis*
		Udang minyak / Udang minyak jalur	Sharp-rostrum prawn	*Parapenaeopsis hardwickii/ P. coromandelica / P. hunger fordi / P. gracilima*
		Udang merah	Red prawn	*Solenocera subnuda*
	MOLLUSCS			
53	Oysters	Tiram	Rock oysters / Flat oysters	*Ostrea folium / Crassostrea spp.*
54	Mussels	Kupang / Siput sudu/	Green mussel	*Pema viridis*
		Siput cangkul	Sea-green mussel	*Glauconome spp.*
56	Clams, Cockles,	Kerang	Blood cockle	*Anadara granosa*

ISSCAAP Code	Division Group of Spesies	Local Name	English Name	Scientific Name
	Arkshells, etc.	Retak seribu	Carpet clam	*Paphia undulata*
		Lain-lain siput	Other clams / Snails	*Bivalves / Gastropods*
57	Squids,	Sotong biasa / Cumit-cumit	Common squid	*Loligo spp.*
	Cuttlefishes,	Sotong katak	Cuttlefish	*Sepia spp.*
	Octopuses, etc.	Sotong kurita	Octopus	*Octopodidae*
	MISCELLANEOUS			
76	Sea-urchins,	Trepang	Sea cucumber	*Holothuriodea*
	Sea-cucumber &		(Beche-de-mer)	
	Other echinoderms			
77	Miscellaneous	Ubur-ubur	Jellyfish	*Rhopilema spp.*
	Aquatic			
	Invertebrates			

Notes : D = Demersal finfishes

P = Pelagic finfishes

ISSCAAP = International Standard Statistical Classification of Aquatic Animals and Plants