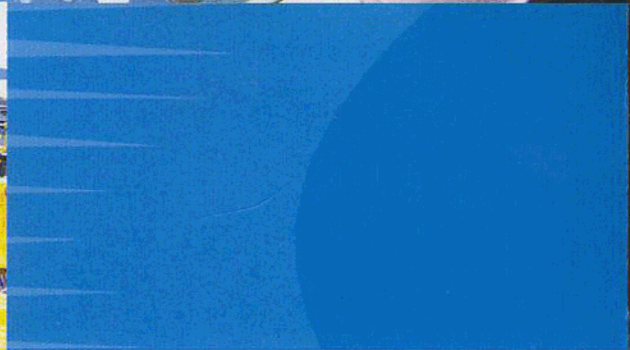




PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

**1994
(Volume 1)**



JABATAN PERIKANAN MALAYSIA

Cawangan Pengutipan Data, Tingkat 7, Blok 4G2, Wisma Tani,
Presint 4, Pusat Pentadbiran Kerajaan Persekutuan

62628 PUTRAJAYA, MALAYSIA

Tel : 03-8870 4034

Faks : 03-8870 4033



PERANGKAAN TAHUNAN PERIKANAN
(ANNUAL FISHERIES STATISTICS)
1994

JILID 1
(VOLUME 1)

JABATAN PERIKANAN MALAYSIA

Department of Fisheries Malaysia

Tingkat 8 & 9, Wisma Tani

Jalan Sultan Salahuddin

50628 Kuala Lumpur

Tel: 03-2982011

Fax: 03-2910305

PENDAHULUAN

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

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

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

Terima kasih.

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

FOREWORD

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

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

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

Thank you.

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

KANDUNGAN
CONTENTS

KANDUNGAN (CONTENTS)

	Muka surat (Page)
A. ANALISA KEDUDUKAN SEKTOR PERIKANAN DI MALAYSIA, 1994 <i>(Analysis on the Status of the Fisheries Sector In Malaysia, 1994)</i>	27 - 58
B. PETA, CARTA DAN GRAF <i>(Maps, Charts and Graphs)</i>	
PETA (MAP) I Daerah-Daerah Perikanan- Semenanjung Malaysia, Sabah, Wilayah Persekutuan Labuan dan Sarawak <i>(Fisheries Districts-Peninsular Malaysia, Sabah, Labuan Federal Territory and Sarawak)</i>	62 - 63
CARTA (CHART) I Bilangan Vesel Menangkap Ikan Yang Dilesenkan, Malaysia, 1990-1994 <i>(Number Of Fishing Vessels Licensed, Malaysia, 1990-1994)</i>	64
CARTA (CHART) II Bilangan Vesel-Vesel Laut Dalam Yang Dilesenkan, Malaysia, 1990-1994 <i>(Number of Deep Sea Vessels Licensed, Malaysia, 1990-1994)</i>	65
CARTA (CHART) III Arah Aliran Pendaratan Ikan Laut, Malaysia, 1990-1994 <i>(Trend Of Marine Fish Landings, Malaysia, 1990-1994)</i>	66
CARTA (CHART) IV Arah Aliran Pendaratan Udang, Malaysia, 1990-1994 <i>(Trend Of Prawn Landings, Malaysia, 1990-1994)</i>	67
CARTA (CHART) V Pendaratan Udang, Malaysia, 1994 <i>(Prawn Landings, Malaysia, 1994)</i>	68

CARTA (CHART) VI	Pendaratan Pukat Tunda, Semenanjung Malaysia, 1990-1994 (<i>Trawl Landings, Peninsular Malaysia, 1990-1994</i>)	69
CARTA (CHART) VII	Pendaratan Ikan Mengikut Spesies Utama, Malaysia, 1994 (<i>Landings of Fish By Main Species, Malaysia, 1994</i>)	70
CARTA (CHART) VIII	Pendaratan Pukat Jerut Ikan Mengikut Spesies Utama, Malaysia, 1994 (<i>Purse-Seine Landings By Main Species, Malaysia, 1994</i>)	71
CARTA (CHART) IX	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas, Malaysia, 1994 (<i>Landings of Marine Fish By Gear Group, Malaysia, 1994</i>)	72
CARTA (CHART) X	Arah Aliran Nilai Pasaran Ikan Laut, Malaysia, 1990-1994 (<i>Trend Of Market Values Of Marine Fish, Malaysia, 1990-1994</i>)	73
CARTA (CHART) XI	Arah Aliran Pengeluaran Ternakair, Malaysia, 1990-1994 (<i>Trend Of Aquaculture Production, Malaysia, 1990-1994</i>)	74
CARTA (CHART) XII	Pengeluaran Ternakair Mengikut Jenis Ternakan, Malaysia, 1994 (<i>Production Of Aquaculture By Type Of Culture, Malaysia, 1994</i>)	75

C. JADUAL (Tables)

PERIKANAN LAUT (*Marine Fisheries*)

JADUAL 1.1 (TABLE)	Bilangan Nelayan Yang Bekerja Di Atas Vesel-Vesel Berlesen, Malaysia, 1994 (<i>Number Of Fishermen Working in Licensed Vessels, Malaysia, 1994</i>)	80
-----------------------	--	----

JADUAL 1.2 (TABLE)	Bilangan Nelayan Yang Bekerja Di Atas Vesel-Vesel Berlesen Mengikut Kumpulan Perkakas Dan Negeri, Malaysia, 1994 (<i>Number Of Fishermen Working In Licensed Vessels By Gear Group And State, Malaysia, 1994</i>)	81
JADUAL 1.3 (TABLE)	Bilangan Nelayan Yang Bekerja Di Atas Vesel Yang Dilesenkan Mengikut Daerah-Daerah Perikanan, Malaysia, 1994 (<i>Number Of Fishermen Working In Licensed Fishing Vessels By Fisheries Districts, Malaysia, 1994</i>)	82 - 83
JADUAL 1.4 (TABLE)	Bilangan Nelayan Asing Yang Diluluskan Mengikut Negeri, Semenanjung Malaysia, 1994 (<i>Number Of Approved Foreign Fishermen By State, Peninsular Malaysia, 1994</i>)	84
JADUAL 2.1 (TABLE)	Bilangan Vesel Menangkap Ikan Yang Dilesenkan Mengikut Negeri Dan Kelas Muatan, Malaysia, 1994 (<i>Number Of Licensed Fishing Vessels By State And Tonnage Class, Malaysia, 1994</i>)	85
JADUAL 2.2 (TABLE)	Bilangan Vesel Menangkap Ikan Yang Dilesenkan Mengikut Negeri Dan Kuasa Kuda, Malaysia, 1994 (<i>Number Of Licensed Fishing Vessels By State And Horsepower, Malaysia, 1994</i>)	86
JADUAL 2.3 (TABLE)	Bilangan Vesel Menangkap Ikan Berlesen Mengikut Kumpulan Perkakas, Jenis Dan Kelas Muatan, Malaysia, 1994 (<i>Number Of Licensed Fishing Vessels By Gear Group, Type And Tonnage Class, Malaysia, 1994</i>)	87
JADUAL 2.4 (TABLE)	Bilangan Vesel Menangkap Ikan Yang Dilesenkan Mengikut Daerah-Daerah Perikanan, Malaysia, 1994 (<i>Number Of Licensed Fishing Vessels By Fisheries Districts, Malaysia, 1994</i>)	88 - 89

JADUAL 2.5 (TABLE)	Bilangan Vesel Menangkap Ikan Yang Dilesenkan Dan Bilangan Nelayan Yang Bekerja Di Vesel-Vesel Berlesen, Semenanjung Malaysia, 1974-1994 (<i>Number Of Fishing Vessels Licensed And Number Of Fishermen Operating Licensed Vessels, Peninsular Malaysia, 1974-1994</i>)	90
JADUAL 3.1 (TABLE)	Bilangan Perkakas Yang Dilesenkan Mengikut Negeri, Malaysia, 1994 (<i>Number Of Licensed Fishing Gears, By State, Malaysia, 1994</i>)	91
JADUAL 3.2 (TABLE)	Anggaran Bilangan Kumulatif Perkakas Menangkap Ikan Yang Diusahakan Mengikut Negeri, Semenanjung Malaysia, 1994 (<i>Estimated Cumulative Number Of Fishing Gears In Operation By State, Peninsular Malaysia, 1994</i>)	92
JADUAL 4.1 (TABLE)	Pendaratan Ikan Laut Mengikut Negeri Dan Kumpulan Perkakas, Malaysia, 1994 (<i>Landings Of Marine Fish By State And Gear Group, Malaysia, 1994</i>)	93
JADUAL 4.2 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Negeri, Malaysia, 1994 (<i>Landings Of Marine Fish By Month And State, Malaysia, 1994</i>)	94
JADUAL 4.3 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Kumpulan Perkakas, Semenanjung Malaysia, 1994 (<i>Landings Of Marine Fish By Month And Gear Group, Peninsular Malaysia, 1994</i>)	95
JADUAL 4.4 (TABLE)	Pendaratan Ikan Laut Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 (<i>Landings Of Marine Fish By State And Species, Malaysia, 1994</i>)	96 - 97
JADUAL 4.5 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Malaysia, 1994 (<i>Landings Of Marine Fish By Month And Species, Malaysia, 1994</i>)	98 - 99

JADUAL 4.5.1 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Semenanjung Malaysia, 1994 <i>(Landings Of Marine Fish By Month And Species, Peninsular Malaysia, 1994)</i>	100 - 101
JADUAL 4.5.2 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Pantai Barat, Semenanjung Malaysia, 1994 <i>(Landings Of Marine Fish By Month And Species, West Coast Of Peninsular Malaysia, 1994)</i>	102 - 103
JADUAL 4.5.3 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Pantai Timur, Semenanjung Malaysia, 1994 <i>(Landings Of Marine Fish By Month And Species, East Coast Of Peninsular Malaysia, 1994)</i>	104 - 105
JADUAL 4.5.4 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Sarawak, 1994 <i>(Landings Of Marine Fish By Month And Species, Sarawak, 1994)</i>	106 - 107
JADUAL 4.5.5 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Sabah, 1994 <i>(Landings Of Marine Fish By Month And Species, Sabah, 1994)</i>	108 - 109
JADUAL 4.5.6 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Labuan, 1994 <i>(Landings Of Marine Fish By Month And Species, Labuan, 1994)</i>	110 - 111
JADUAL 4.6 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Malaysia, 1994 <i>(Landings Of Marine Fish By Gear Group And Species, Malaysia, 1994)</i>	112 - 113
JADUAL 4.6.1 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Semenanjung Malaysia, 1994 <i>(Landings Of Marine Fish By Gear Group And Species, Peninsular Malaysia, 1994)</i>	114 - 115

JADUAL 4.6.2 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Pantai Barat, Semenanjung Malaysia, 1994 <i>(Landings Of Marine Fish By Gear Group And Species, West Coast Of Peninsular Malaysia, 1994)</i>	116 - 117
JADUAL 4.6.3 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Pantai Timur, Semenanjung Malaysia, 1994 <i>(Landings Of Marine Fish By Gear Group And Species, East Coast Of Peninsular Malaysia, 1994)</i>	118 - 119
JADUAL 4.6.4 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Sarawak, 1994 <i>(Landings Of Marine Fish By Gear Group And Species, Sarawak, 1994)</i>	120 - 121
JADUAL 4.6.5 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Sabah, 1994 <i>(Landings Of Marine Fish By Gear Group And Species, Sabah, 1994)</i>	122 - 123
JADUAL 4.6.6 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Labuan, 1994 <i>(Landings Of Marine Fish By Gear Group And Species, Labuan, 1994)</i>	124 - 125
JADUAL 4.7 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Tunda Mengikut Kelas Muatan Dan Spesies Ikan, Semenanjung Malaysia, 1994 <i>(Fishing Effort And Landings Of Trawlers By Tonnage Class And Species, Peninsular Malaysia, 1994)</i>	126 - 127
JADUAL 4.7.1 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Tunda Mengikut Kelas Muatan Dan Spesies Ikan, Pantai Barat, Semenanjung Malaysia, 1994 <i>(Fishing Effort And Landings Of Trawlers By Tonnage Class And Species, West Coast Of Peninsular Malaysia, 1994)</i>	128 - 129

JADUAL 4.7.2 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Tunda Mengikut Kelas Muatan Dan Spesies Ikan, Pantai Timur, Semenanjung Malaysia, 1994 <i>(Fishing Effort And Landings Of Trawlers By Tonnage Class And Species, East Coast Of Peninsular Malaysia, 1994)</i>	130 - 131
JADUAL 4.8 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Jerut Mengikut Kelas Muatan Dan Spesies Ikan, Semenanjung Malaysia, 1994 <i>(Fishing Effort And Landings Of Fish Purse Seiners By Tonnage Class And Species, Peninsular Malaysia, 1994)</i>	132 - 133
JADUAL 4.8.1 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Jerut Mengikut Kelas Muatan Dan Spesies Ikan, Pantai Barat, Semenanjung Malaysia, 1994 <i>(Fishing Effort And Landings Of Fish Purse Seiners By Tonnage Class And Species, West Coast Of Peninsular Malaysia, 1994)</i>	134 - 135
JADUAL 4.8.2 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Jerut Mengikut Kelas Muatan Dan Spesies Ikan, Pantai Timur, Semenanjung Malaysia, 1994 <i>(Fishing Effort And Landings Of Fish Purse Seiners By Tonnage Class And Species, East Coast Of Peninsular Malaysia, 1994)</i>	136 - 137
JADUAL 5.1 (TABLE)	Usaha Menangkap Ikan : Bilangan Trip Menangkap Ikan Mengikut Jenis Perkakas Dan Negeri, Semenanjung Malaysia, 1994 <i>(Fishing Effort: Number Of Trips By Type Of Gear And State, Peninsular Malaysia, 1994)</i>	138
JADUAL 5.2 (TABLE)	Usaha Menangkap Ikan : Bilangan Hari Menangkap Ikan Mengikut Jenis Perkakas Dan Negeri, Semenanjung Malaysia, 1994 <i>(Fishing Effort : Number Of Fishing Days, Type Of Gear And State, Peninsular Malaysia, 1994)</i>	139

JADUAL 5.3 (TABLE)	Usaha Menangkap Ikan : Bilangan Kali Memukat Menangkap Ikan Mengikut Jenis Perkakas Dan Negeri, Semenanjung Malaysia, 1994 <i>(Fishing Effort : Number Of Hauls By Type Of Gear And State, Peninsular Malaysia, 1994)</i>	140
JADUAL 6.1 (TABLE)	Harga Purata Ikan Di Pantai Mengikut Bulan, Semenanjung Malaysia, 1994 <i>(Monthly Average Ex-Vessel Prices Of Fresh Fish, Peninsular Malaysia, 1994)</i>	141
JADUAL 7.1 (TABLE)	Nilai Harga Borong Pendaratan Ikan Laut, Malaysia, 1994) <i>(Wholesale Value Of Marine Fish Landings, Malaysia, 1994)</i>	142
JADUAL 7.2 (TABLE)	Nilai Harga Runcit Pendaratan Ikan Laut, Malaysia, 1994) <i>(Retail Value Of Marine Fish Landings, Malaysia, 1994)</i>	143
JADUAL 7.3 (TABLE)	Nilai Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Gred Ikan, Semenanjung Malaysia, 1994 <i>(Value Of Marine Fish Landings By Gear Group And Grade Of Fish, Peninsular Malaysia, 1994)</i>	144
JADUAL 8.1 (TABLE)	Siri Tahunan Pendaratan Ikan Laut Dan Nilai, Malaysia, 1990-1994 <i>(Annual Series Of Marine Fish Landings And Values, Malaysia, 1990-1994)</i>	145
JADUAL 9.1 (TABLE)	Kuantiti Dan Peratus Pendaratan Serta Nilai Ikan Laut Mengikut Negeri, Malaysia, 1994 <i>(Quantity And Percentage Of Landings And Values Of Marine Fish By State, Malaysia, 1994)</i>	146
JADUAL 10.1 (TABLE)	Penggunaan Pendaratan Ikan Laut, Semenanjung Malaysia, 1994 <i>(Disposition Of Marine Fish Landings, Peninsular Malaysia, 1994)</i>	147

JADUAL 10.2 (TABLE)	Hasil Laut Yang Diawetkan, Semenanjung Malaysia, 1994 <i>(Processed Marine Fish Products, Peninsular Malaysia, 1994)</i>	148
JADUAL 11.1 (TABLE)	Kilang-Kilang Air Batu Dan Kemudahan-Kemudahan Penyejukan Sehingga 31.12.1994, Malaysia <i>(Ice Factories And Refrigeration Facilities As At 31.12.1994, Malaysia)</i>	149
JADUAL 12.1 (TABLE)	Hasil Perikanan Dalam Ringgit Malaysia, Semenanjung Malaysia, 1994 <i>(Fisheries Revenue in Malaysian Ringgit, Peninsular Malaysia, 1994)</i>	150

TERNAKAIR (AQUACULTURE)

JADUAL 13.1 (TABLE)	Anggaran Bilangan Dan Luas, Kolam, Bekas Lombong Sangkar Dan Tangki Simen Yang Diusahakan Serta Bilangan Penternak Mengikut Sistem Ternakan Dan Negeri, Malaysia, 1994 <i>(Estimated Number And Area Of Ponds, Disused Mining Pools Cages And Cement Tanks And Number Of Culturists By Culture System And State, Malaysia, 1994)</i>	152
JADUAL 14.1 (TABLE)	Anggaran Jumlah Pengeluaran Ikan Ternakan, Kerang, Siput Sudu Dan Tiram Mengikut Negeri Dan Sistem Ternakan, Malaysia, 1994 <i>(Estimated Productions Of Fish, Cockles Mussels And Oysters By State And Culture System, Malaysia, 1994)</i>	153
JADUAL 14.2 (TABLE)	Anggaran Nilai Borong Ikan Ternakan, Kerang, Siput Sudu Dan Tiram Mengikut Negeri Dan Sistem Ternakan, Malaysia, 1994 <i>(Estimated Wholesale Value Of Fish, Cockles, Mussels And Oysters By State And Culture System, Malaysia, 1994)</i>	154

JADUAL 14.3 (TABLE)	Anggaran Nilai Runcit Ikan Ternakan, Kerang, Siput Sudu Dan Tiram Mengikut Negeri Dan Sistem Ternakan, Malaysia, 1994 <i>(Estimated Retail Value Of Fish, Cockles, Mussels And Oysters By State And Culture System, Malaysia, 1994)</i>	155
JADUAL 14.4 (TABLE)	Anggaran Pengeluaran Ikan Dari Kolam Airtawar, Sangkar Airtawar, Bekas Lombong Dan Tangki Simen Mengikut Spesies Ikan, Malaysia, 1994 <i>(Estimated Fish Production From Freshwater Ponds, Freshwater Cages, Ex-Mining Pools And Cement Tanks By Species, Malaysia, 1994)</i>	156
JADUAL 14.5 (TABLE)	Anggaran Nilai Borong Ikan Dari Kolam Airtawar, Sangkar Airtawar, Bekas Lombong Dan Tangki Simen Mengikut Spesies Ikan, Malaysia, 1994 <i>(Estimated Wholesale Value of Fish From Freshwater Ponds, Freshwater Cages, Ex-Mining Pools And Cement Tanks By Species, Malaysia, 1994)</i>	157
JADUAL 14.6 (TABLE)	Anggaran Nilai Runcit Ikan Dari Kolam Airtawar, Sangkar Airtawar, Bekas Lombong Dan Tangki Simen Mengikut Spesies Ikan, Malaysia, 1994 <i>(Estimated Retail Value of Fish From Freshwater Ponds, Freshwater Cages, Ex-Mining Pools And Cement Tanks By Species, Malaysia, 1994)</i>	158
JADUAL 14.7 (TABLE)	Anggaran Pengeluaran Ikan Dari Kolam Airpayau, Sangkar Airpayau, Ternakan Kerang, Ternakan Siput Sudu Dan Ternakan Tiram Mengikut Spesies Ikan, Malaysia, 1994 <i>(Estimated Fish Production From Brackishwater Ponds, Brackishwater Cages, Cockle Culture, Mussel Culture And Oyster Culture By Species, Malaysia, 1994)</i>	159

JADUAL 14.8 (TABLE)	Anggaran Nilai Borong Ikan Dari Kolam Airpayau, Sangkar Airpayau, Ternakan Kerang, Ternakan Siput Sudu Dan Ternakan Tiram Mengikut Spesies Ikan, Malaysia, 1994 <i>(Estimated Wholesale Value of Fish From Brackishwater Ponds, Brackishwater Cages, Cockle Culture, Mussel Culture And Oyster Culture By Species, Malaysia, 1994)</i>	160
JADUAL 14.9 (TABLE)	Anggaran Nilai Runcit Ikan Dari Kolam Airpayau, Sangkar Airpayau, Ternakan Kerang, Ternakan Siput Sudu Dan Ternakan Tiram Mengikut Spesies Ikan, Malaysia, 1994 <i>(Estimated Retail Value of Fish From Brackishwater Ponds, Brackishwater Cages, Cockle Culture, Mussel Culture And Oyster Culture By Species, Malaysia, 1994)</i>	161
JADUAL 15.1 (TABLE)	Bilangan Dan Luas Kolam Airtawar Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1994 <i>(Number And Area Of Freshwater Ponds In Operation And Number Of Culturists By Race And State, Malaysia, 1994)</i>	162
JADUAL 15.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Kolam Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Fish Production From Freshwater Ponds By State And Fish Species, Malaysia, 1994)</i>	163
JADUAL 15.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Ikan Dari Kolam Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Wholesale Value Of Fish Production From Freshwater Ponds By State And Species, 1994)</i>	164
JADUAL 15.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Ikan Dari Kolam Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Retail Value Of Fish Production From Freshwater Ponds By State And Fish Species, Malaysia, 1994)</i>	165

JADUAL 16.1 (TABLE)	Bilangan Dan Luas Bekas Lombong Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1994 <i>(Number And Area Of Ex-Mining Pools In Operation And Number Of Culturists By Race And State, Malaysia, 1994)</i>	166
JADUAL 16.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Bekas Lombong Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Fish Production From Ex- Mining Pools By State And Fish Species, Malaysia, 1994)</i>	167
JADUAL 16.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Bekas Ikan Dari Lombong Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Wholesale Value Of Fish Production From Ex-Mining Pools By State And Fish Species, Malaysia, 1994)</i>	168
JADUAL 16.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Bekas Ikan Dari Lombong Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Retail Value Of Fish Production From Ex-Mining Pools By State And Fish Species, Malaysia, 1994)</i>	169
JADUAL 17.1 (TABLE)	Bilangan Dan Luas Sangkar Airtawar Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1994 <i>(Number And Area Of Freshwater Cages And Number Of Culturists By State, Malaysia, 1994)</i>	170
JADUAL 17.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Sangkar Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Fish Production From Freshwater Cages By State And Species, Malaysia, 1994)</i>	171

JADUAL 17.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Ikan Dari Sangkar Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Wholesale Value Of Fish Production From Freshwater Cages By State And Fish Species, Malaysia, 1994)</i>	172
JADUAL 17.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Ikan Dari Sangkar Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Retail Value Of Fish Production From Freshwater Cages By State And Fish Species, Malaysia, 1994)</i>	173
JADUAL 18.1 (TABLE)	Bilangan Dan Luas Tangki Simen Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, 1994 <i>(Number And Area of Cement Tank in Operation And Number of Culturists By Race And State, 1994)</i>	174
JADUAL 18.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Tangki Simen Mengikut Negeri Dan Spesies Ikan 1994 <i>(Estimated Fish Production From Cement Tank By State And Fish Species, 1994)</i>	175
JADUAL 18.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Ikan Dari Tangki Simen Mengikut Negeri Dan Spesies Ikan, 1994 <i>(Estimated Wholesale Value of Fish Production From Cement Tank By State And Fish Species, 1994)</i>	176
JADUAL 18.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Ikan Dari Tangki Simen Mengikut Negeri Dan Spesies Ikan, 1994 <i>(Estimated Retail Value of Fish Production From Cement Tank By State And Fish Species, 1994)</i>	177
JADUAL 19.1 (TABLE)	Bilangan Dan Luas Kolam Airpayau Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1994 <i>(Number And Area Of Brackishwater Ponds In Operation And Number Of Culturists By Race And State, Malaysia, 1994)</i>	178

JADUAL 19.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Kolam Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Fish Production From Brackishwater/Marine Ponds By State And Fish Species, Malaysia, 1994)</i>	179
JADUAL 19.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Ikan Dari Kolam Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Wholesale Value Of Fish Production From Brackishwater/Marine Ponds By State And Fish Species, Malaysia, 1994)</i>	180
JADUAL 19.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Ikan Dari Kolam Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Retail Value Of Fish Production From Brackishwater/Marine Ponds By State And Species, 1994)</i>	181
JADUAL 20.1 (TABLE)	Bilangan Dan Luas Sangkar Airpayau Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1994 <i>(Number And Area Of Brackishwater Cages And Number Of Culturists By Race And State, Malaysia, 1994)</i>	182
JADUAL 20.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Sangkar Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Fish Production From Brackishwater/Marine Cages By State And Fish Species, Malaysia, 1994)</i>	183
JADUAL 20.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Ikan Dari Sangkar Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Wholesale Value Fish Production From Brackishwater/Marine Cages By State And Fish Species, Malaysia, 1994)</i>	184

JADUAL 20.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Ikan Dari Sangkar Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Estimated Retail Value Of Fish Production From Brackishwater/Marine Cages By State And Fish Species, Malaysia, 1994)</i>	185
JADUAL 21.1 (TABLE)	Bilangan Dan Luas Kawasan Ternakan Kerang Mengikut Kawasan Negeri, Malaysia, 1994 <i>(Number And Area Of Cockle Culture And Number Of Culturist By Race And State Malaysia, 1994)</i>	186
JADUAL 21.2 (TABLE)	Pengeluaran Kerang Dewasa Mengikut Bulan Dan Negeri, Malaysia, 1994 <i>(Production Of Cockles By Month And State, Malaysia, 1994)</i>	187
JADUAL 21.3 (TABLE)	Pengeluaran Benih Kerang Mengikut Bulan Dan Negeri, Malaysia, 1994 <i>(Production Of Cockle Seeds By Month And State, Malaysia, 1994)</i>	188
JADUAL 22.1 (TABLE)	Bilangan Dan Luas Kawasan Ternakan Siput Sudu Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1994 <i>(Number And Area Of Mussel Culture In Operation And Number Of Culturists By Race And State, Malaysia, 1994)</i>	189
JADUAL 22.2 (TABLE)	Pengeluaran Siput Sudu Mengikut Bulan Dan Negeri, Malaysia, 1994 <i>(Production Of Mussels By Month And State, Malaysia, 1994)</i>	190
JADUAL 23.1 (TABLE)	Bilangan, Dan Luas Kawasan Ternakan Tiram Serta Bilangan Penternak Mengikut Kaum Dan Negeri 1994 <i>(Number, Area Of Oyster Culture And Number Of Culturists By Race And State, 1994)</i>	191

JADUAL 23.2 (TABLE)	Pengeluaran Tiram Mengikut Bulan Dan Negeri, 1994 <i>(Production Of Oyster By Month And State, 1994)</i>	192
JADUAL 24.1 (TABLE)	Harga Borong Ikan Airtawar Di Pasar-Pasar Utama Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Wholesale Prices Of Freshwater Fish At Major Markets By State And Fish Species, Malaysia, 1994)</i>	193
JADUAL 24.2 (TABLE)	Harga Runcit Ikan Airtawar Di Pasar-Pasar Utama Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Retail Prices Of Freshwater Fish At Major Markets By State And Fish Species, Malaysia, 1994)</i>	194
JADUAL 25.1 (TABLE)	Harga Borong Ikan Airpayau/Masin Di Pasar-Pasar Utama Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Wholesale Prices Of Brackishwater/ Marine Fish At Major Markets By State And Fish Species, Malaysia, 1994)</i>	195
JADUAL 25.2 (TABLE)	Harga Runcit Ikan Airpayau/Masin Di Pasar-Pasar Utama Mengikut Negeri Dan Spesies Ikan, Malaysia, 1994 <i>(Retail Prices Of Brackishwater/ Marine Fish At Major Markets By State And Fish Species, Malaysia, 1994)</i>	196
JADUAL 26.1 (TABLE)	Pengeluaran Hasil Ikan Hiasan Mengikut Negeri, Malaysia, 1994 <i>(Production Of Ornamental Fish By State, Malaysia, 1994)</i>	197
JADUAL 26.2 (TABLE)	Pengeluaran Dan Nilai Ikan Hiasan Mengikut Negeri, Malaysia, 1994 <i>(Production And Value Of Ornamental Fish By State, Malaysia, 1994)</i>	198

JADUAL 27.1 (TABLE)	Bilangan Dan Pengeluaran Kilang "Feedmill" Mengikut Negeri, Malaysia, 1994 <i>(Number And Production Of Feedmills By State, Malaysia, 1994)</i>	199
------------------------	--	-----

JADUAL 28.1 (TABLE)	Bilangan Dan Pengeluaran Pusat Pengeluaran Benih Ikan/Udang Swasta Mengikut Negeri, Malaysia, 1994 <i>(Number And Production Of Private Fish/Prawn Fry Hatchery Centre By State, Malaysia, 1994)</i>	200
------------------------	---	-----

PERAIRAN UMUM/PERIKANAN DARAT
(Public Waterbodies/Inland Fisheries)

JADUAL 29.1 (TABLE)	Pendaratan Ikan Airtawar Dari Perairan Umum/Perikanan Darat Mengikut Bulan Dan Negeri, Malaysia, 1994 <i>(Landings Of Freshwater Fish From Public Waterbodies/Inland Fisheries By Month And State, Malaysia, 1994)</i>	202
------------------------	--	-----

D.	KLASIFIKASI PERANGKAAN PIAWAIAN IKAN-IKAN AIRTAWAR MALAYSIA <i>(Standard Statistical Classification Of Common Malaysian Freshwater Fishes)</i>	205 - 207
-----------	---	------------------

DAN (AND)

	KLASIFIKASI PERANGKAAN PIAWAIAN IKAN-IKAN LAUT MALAYSIA <i>(Standard Statistical Classification Of Malaysian Marine Fishes)</i>	208 - 213
--	--	------------------

**PEMBETULAN
(Erratum)**

**Untuk Muka Surat 8
(For Page 8)**

**MUKA SURAT
(Page)**

CARTA (*CHART*) VIII

72

CARTA (*CHART*) IX

74

CARTA (*CHART*) X

71

CARTA (*CHART*) XI

73

**KEDUDUKAN SEKTOR PERIKANAN
DI MALAYSIA**
*STATUS OF THE FISHERIES SECTOR
IN MALAYSIA*

KEDUDUKAN SEKTOR PERIKANAN DI MALAYSIA

1. LATARBELAKANG

- 1.1 Sektor perikanan memainkan peranan penting dalam ekonomi negara dari segi pendapatan, pertukaran mata wang asing dan menyediakan pekerjaan kepada rakyat luar bandar.
- 1.2 Pada dasarnya industri perikanan di Malaysia boleh dibahagikan kepada perikanan laut, ternakair dan perairan umum/perikanan darat. Walau bagaimanapun, perairan umum/perikanan darat ketika ini kurang memberikan sumbangan yang nyata kepada industri perikanan. Bagi tujuan pengurusan, perikanan laut dibahagikan kepada sektor perikanan pantai dan sektor perikanan laut dalam. Ternakair pula adalah meliputi ternakan ikan airtawar dan ternakan ikan airpayau. Perikanan laut pantai telah dieksploitasikan ketahap berlebihan dan terdapat tanda-tanda yang tangkapan ikan telah sampai ketahap maksima. Walau bagaimanapun, perikanan laut dalam mempunyai potensi untuk dibangunkan. Bidang ternakair juga mempunyai masa depan yang cerah untuk membangun dan berkembang lagi. Berdasarkan kepada potensi sumber, usaha-usaha pembangunan adalah diarahkan kepada pembangunan sektor perikanan laut dalam dan ternakair, sementara pengeluaran sektor perikanan pantai pula dikekalkan ditahap yang sama. Industri ikan hiasan pula, di tahun-tahun yang kebelakangan ini telah menunjukkan pertumbuhan yang ketara disegi pengeluaran dan eksport.

2. PROFAIL PERIKANAN

- 2.1 Dalam tahun 1994, jumlah pendaratan dari sektor perikanan adalah sebanyak 1,181,763 tan metrik bernilai RM2.99 bilion yang memberi sumbangan sebanyak 1.61% kepada keluaran dalam negara kasar (KDNK)*. Manakala dalam tahun 1993 jumlah pengeluaran dari sektor perikanan adalah sebanyak 1,154,559 tan metrik bernilai RM2.70 bilion dan menyumbang sebanyak 1.63% kepada KDNK. Terdapat peningkatan sebanyak 2.36% dari segi kuantiti jumlah pengeluaran dan 10.74% dari segi nilai jumlah pengeluaran. Walau bagaimanapun, terdapat penurunan sumbangan KDNK sebanyak 1.23%.

* seperti Laporan Bank Negara 1994

- 2.2 Dalam tahun 1994, perikanan laut menyumbangkan sebanyak 1,065,585 tan metrik atau 90.15% daripada jumlah pengeluaran perikanan, sementara akuakultur/ternakair tidak termasuk pengeluaran ikan hiasan menyumbang sebanyak 114,113.71 tan metrik atau 9.66% daripada jumlah pengeluaran perikanan. Perairan umum/perikanan darat menyumbang sebanyak 2,063.90 tan metrik atau 0.19% daripada jumlah pengeluaran. Pengeluaran ikan hiasan sebaliknya menyumbang sebanyak 227,790,460 ekor. Dari segi nilai, perikanan laut menyumbang sebanyak RM2.584 bilion atau 86.34% dari nilai jumlah pengeluaran; sementara ternakair termasuk ikan hiasan menyumbang sebanyak RM408.79 juta atau 13.66% daripada jumlah nilai pengeluaran.
- 2.3 Jumlah pendaratan dari perikanan laut meningkat sebanyak 1.74% dari 1,047,350 tan metrik dalam tahun 1993 kepada 1,065,585 tan metrik dalam tahun 1994. Dari segi nilai terdapat peningkatan sebanyak 8.66% dari RM2.378 bilion dalam tahun 1993 kepada RM2.584 bilion dalam tahun 1994. Sementara itu jumlah pengeluaran ternakair tidak termasuk pengeluaran ikan hiasan juga meningkat sebanyak 8.43% dari 105,237.29 tan metrik dalam 1993 kepada 114,113.71 tan metrik dalam tahun 1994. Dari segi nilai, terdapat peningkatan sebanyak 24.83% dari RM292.43 juta dalam tahun 1993 kepada RM365.04 juta dalam tahun 1994. Pengeluaran ikan hiasan meningkat sebanyak 20.61% dari 188,871,525 ekor dalam tahun 1993 kepada 227,790,460 ekor dalam tahun 1994. Dari segi nilai terdapat peningkatan sebanyak 30.01% dari RM33.65 juta dalam tahun 1993 kepada RM43.75 juta dalam tahun 1994. Perairan umum/perikanan darat mengeluarkan sebanyak 2,063.90 tan metrik ikan dalam tahun 1994 berbanding dengan 1,971.38 tan metrik ikan dalam tahun 1993. Ini adalah peningkatan sebanyak 4.69% dari segi pengeluaran.
- 2.4 Dari segi guna tenaga, sektor perikanan di Malaysia menyediakan pekerjaan secara terus kepada 79,802 nelayan dan 18,143 penternak dan ini memberi jumlah sebanyak 97,945 guna tenaga terlibat dalam industri perikanan. Ini menyumbangkan sebanyak 1.29% dari jumlah guna tenaga kerja di negara ini. Terdapat 31,403 vesel menangkap ikan di Malaysia dan jumlah alat menangkap ikan yang dilesenkan adalah 25,856 unit. Peralatan menangkap ikan yang utama adalah pukat tunda (21.96%), pukat jerut (6.83%), pukat hanyut (51.11%) dan pancing (9.99%).

3. **GUNA TENAGA**

3.1 **Perikanan Laut(Nelayan)**

3.1.1 Seramai 79,802 nelayan terlibat dalam sektor perikanan laut pada tahun 1994 berbanding dengan 80,278 nelayan dalam tahun 1993 dan ini menunjukkan pengurangan sebanyak 0.59%. Arah aliran ini adalah selaras dengan dasar pengurusan kerajaan bagi mengurangkan bilangan nelayan supaya setiap nelayan akan dapat pembahagian sumber yang lebih besar dan hanya nelayan yang benar-benar berminat untuk menjadikan penangkapan ikan sebagai sumber kehidupannya akan kekal didalam industri perikanan. Terdapat pengurangan jumlah bilangan nelayan di Semenanjung Malaysia sebanyak 3.14% (dari 53,887 nelayan kepada 52,195 nelayan). Kebanyakkan negeri-negeri di Semenanjung Malaysia menunjukkan penurunan jumlah bilangan nelayan. Pulau Pinang menunjukkan penurunan bilangan nelayan yang paling ketara sebanyak 15.59% diikuti oleh Kelantan 8.94%, Johor Timur sebanyak 7.17%, Perlis sebanyak 5.51%, Kedah sebanyak 5.40%, Johor Barat sebanyak 4.97%, Perak sebanyak 4.41%, Selangor sebanyak 4.41% dan Terengganu sebanyak 0.35%. Walau bagaimanapun, Pahang menunjukkan peningkatan sebanyak 15.52%, Negeri Sembilan 15.02% dan Melaka sebanyak 12.47%. Bilangan nelayan di Sarawak berkurangan sebanyak 3.04%. Labuan dan Sabah sebaliknya menunjukkan peningkatan bilangan nelayan masing-masing sebanyak 8.26% dan 7.65%. Sebab utama yang menunjukkan pertambahan ketara bilangan nelayan di Negeri Pahang adalah disebabkan perpindahan vesel-vesel Zon C dan D dari Negeri Terengganu dan Johor ke Kuantan, Pahang. Penghijrahan oleh nelayan-nelayan ini adalah disebabkan terdapat kemudahan asas yang bertambah baik di Kuantan, Pahang. Sebaliknya pertambahan bilangan nelayan di Negeri Sembilan dan Melaka adalah disebabkan pertambahan lesen pukot hanyut baharu yang dilulus khas bagi vesel injin sangkut:

3.1.2 Bilangan nelayan yang bekerja diatas vesel-vesel menangkap ikan yang menggunakan peralatan komersil adalah sebanyak 33,918 orang iaitu 42.50% (25.30% nelayan diatas vesel-vesel pukot tunda dan 17.20% nelayan diatas vesel-vesel pukot jerut) dari jumlah bilangan nelayan yang bekerja di atas vesel-vesel menangkap ikan yang berlesen sementara bilangan nelayan yang berkerja diatas vesel-vesel yang berlesen yang menggunakan peralatan tradisional

adalah seramai 45,884 orang iaitu 57.50% dari jumlah bilangan nelayan yang bekerja diatas vesel-vesel menangkap ikan yang berlesen.

- 3.1.3 Sejumlah 5,646 kru asing telah diluluskan dalam tahun 1994 untuk bekerja diatas vesel-vesel menangkap ikan yang dilesenkan di Malaysia. Dari bilangan tersebut, sebanyak 5,518 kru asing yang telah diluluskan bekerja di Semenanjung Malaysia dan 127 di Labuan dan 1 di Sarawak. Peratusan bilangan kru asing yang telah diluluskan untuk bekerja diatas vesel-vesel menangkap ikan di Terengganu ialah 31.83%, Kelantan 16.76%, Pahang 12.15%, Perlis 15.50%, Labuan 2.25%, Johor Timur 7.39%, Sarawak 0.02% dan Perak 0.02%. Jumlah bilangan kru asing yang telah diluluskan untuk bekerja diatas vesel-vesel menangkap ikan yang dilesenkan di Malaysia bertambah sebanyak 21.18% (dari 4,659 orang dalam tahun 1993 kepada 5,646 orang dalam tahun 1994).

3.2 Ternakair (Penternak)

- 3.2.1 Sejumlah 18,143 penternak terlibat dalam sektor ternakair dalam tahun 1994 berbanding dengan 16,853 penternak dalam tahun 1993 yang menunjukkan pertambahan sebanyak 7.65%. Kedapatan 14,443 penternak terlibat didalam ternakan dalam kolam airtawar, 218 didalam bekas lombong, 868 didalam ternakan sangkar airtawar, 306 didalam ternakan dalam tangki simen airtawar, 787 didalam ternakan kolam airpayau, 923 didalam ternakan sangkar airpayau, 269 didalam ternakan kerang, 183 didalam ternakan kupang dan 146 didalam ternakan tiram pada tahun 1994.

4. VESEL-VESEL MENANGKAP IKAN

- 4.1 Pada keseluruhannya bilangan vesel menangkap ikan menurun sedikit dari 31,575 unit dalam tahun 1993 kepada 31,403 unit dalam tahun 1994 iaitu penurunan sebanyak 0.54%. Penurunan adalah disebabkan oleh penurunan bilangan vesel-vesel menangkap ikan di Semenanjung Malaysia sebanyak 4.66% (dari 20,020 unit dalam tahun 1993 kepada 19,088 unit dalam tahun 1994). Bilangan vesel-vesel menangkap ikan di Sabah meningkat sebanyak 7.77% (dari 8,485 unit kepada 9,144 unit) sementara di Sarawak bilangannya meningkat sebanyak 3.40% (dari 2,941 unit kepada 3,041 unit) dan Labuan sebanyak 0.65% (dari 129 unit kepada 130 unit).

- 4.2 Jumlah bilangan vesel-vesel menangkap ikan laut dalam yang dilesenkan di Malaysia pada tahun 1994 adalah sebanyak 520 unit sementara bilangannya pada tahun 1993 adalah sebanyak 546 unit. Terdapat peningkatan sebanyak 20.00% jumlah bilangan vesel-vesel menangkap ikan laut dalam yang dilesenkan di Labuan (dari 10 unit kepada 12 unit).

5. **PERKAKAS MENANGKAP IKAN**

- 5.1 Jumlah bilangan perkakas menangkap ikan yang dilesenkan dalam tahun 1994 berkurangan sebanyak 2.89% jika dibandingkan dengan tahun 1993 (dari 26,625 unit dalam tahun 1993 kepada 25,856 unit dalam tahun 1994). Bagi semua negeri di Semenanjung Malaysia, jumlah perkakas menangkap ikan yang dilesenkan berkurangan sebanyak 4.66% (dari 20,020 unit kepada 19,088 unit). Manakala Labuan, Sarawak dan Sabah menunjukkan peningkatan jumlah perkakas menangkap ikan yang dilesenkan iaitu masing-masing sebanyak 23.26% (dari 129 unit kepada 159 unit), 3.58% (dari 3,328 unit kepada 3,447 unit) dan 0.44% (dari 3,148 unit kepada 3,162 unit).

6. **PENDARATAN IKAN LAUT**

- 6.1 Jumlah pendaratan dari tangkapan perikanan laut bertambah sebanyak 1.74% dari 1,047,350 tan metrik dalam tahun 1993 kepada 1,065,585 tan metrik dalam tahun 1994. Dari segi nilai, terdapat pertambahan sebanyak 8.66% dari RM2.378 bilion dalam tahun 1993 kepada 2.584 bilion dalam tahun 1994. Walau bagaimanapun nilai ikan Gred I dan Gred II dan udang turun masing-masing sebanyak 10.29% (dari 51,050 tan metrik kepada 45,795 tan metrik), 5.19% (dari 27,809 tan metrik kepada 26,366 tan metrik) dan 4.80% (dari 106,879 tan metrik kepada 101,746 tan metrik). Walaupun pendaratannya mengalami kemerosotan, dari segi nilai, ikan Gred I dan Gred II dan udang meningkat sebanyak masing-masing 14.70% (dari RM321.07 juta kepada RM368.26 juta), 17.64% (dari RM107.71 juta kepada RM126.71 juta) dan 4.73% (dari RM646.71 juta kepada RM677.27 juta) . Kerang-kerangan menunjukkan kemerosotan yang ketara dari segi pendaratan dan nilai masing-masing sebanyak 57.77% (dari 22,240 tan metrik kepada 9,392 tan metrik) dan 43.01% (dari RM36.39 juta kepada RM20.74 juta). Pendaratan ikan Gred III dan ikan baja meningkat masing-masing sebanyak 4.59% (dari 542,994 tan metrik kepada 567,920 tan metrik) dan 6.07% (dari 296,378 tan metrik kepada 314,364 tan metrik). Dari segi nilai, ikan Gred III

dan ikan baja meningkat masing-masing sebanyak 10.12% (dari RM1,189.49 juta kepada RM1,309.82 juta) dan 5.50% (dari RM77.24 juta kepada RM81.49 juta).

- 6.2 Keseluruhan jumlah pendaratan ikan laut bagi Pantai Barat Semenanjung Malaysia bertambah sebanyak 3.09% (dari 446,515 tan metrik kepada 460,302 tan metrik). Pulau Pinang, Perak dan Selangor menunjukkan pertambahan pendaratan. Walau bagaimanapun, Perlis, Melaka, Johor Barat, Negeri Sembilan dan Kedah menunjukkan penurunan dalam jumlah pendaratan. Bagi Pantai Timur Semenanjung Malaysia pendaratan ikan laut berkurangan sebanyak 5.89% (dari 345,103 tan metrik kepada 324,777 tan metrik). Keseluruhan negeri-negeri Pantai Timur Semenanjung Malaysia, kecuali Johor Timur menunjukkan penurunan pendaratan ikan laut. Sabah, Sarawak dan Labuan masing-masing menunjukkan peningkatan pendaratan sebanyak 3.66% (dari 154,467 tan metrik kepada 160,328 tan metrik), 16.72% (dari 81,924 tan metrik kepada 95,624 tan metrik) dan 28.28% (dari 19,141 tan metrik kepada 24,554 tan metrik).

6.3 **Perikanan Laut Pantai**

- 6.3.1 Perikanan laut pantai termasuk vesel-vesel tradisional dan vesel-vesel komersial bermuatan dibawah 70 GRT yang mengoperasikan semua jenis perkakas menangkap ikan. Perikanan laut pantai menyumbangkan sebanyak 930,049 tan metrik ikan dalam tahun 1994 iaitu 87.28% daripada jumlah pendaratan ikan laut di Malaysia berbanding dengan 901,801 tan metrik iaitu 86.10% daripada jumlah pendaratan ikan laut di Malaysia dalam tahun 1993. Dari segi kawasan pendaratan ikan, Pantai Barat Semenanjung Malaysia menyumbangkan sebanyak 46.44% (431,932 tan metrik), Pantai Timur Semenanjung Malaysia sebanyak 27.45% (255,271 tan metrik), Sabah sebanyak 16.94% (157,517 tan metrik), Labuan sebanyak 1.95% (18,134 tan metrik) dan Sarawak sebanyak 7.22% (67,195 tan metrik) daripada jumlah pendaratan perikanan laut pantai. Dari segi nilai, perikanan laut pantai menyumbangkan sebanyak RM2,315.52 juta dalam tahun 1994 iaitu 89.60% daripada jumlah nilai pendaratan ikan laut di Malaysia. Nilai perikanan laut pantai meningkat sebanyak 9.78% (dari RM2,109.21 juta dalam tahun 1993 kepada RM2,315.52 juta dalam tahun 1994).

6.3.2 Jumlah pendaratan perikanan laut pantai telah bertambah sebanyak 3.13% (daripada 901,801 tan metrik dalam tahun 1993 kepada 930,049 tan metrik dalam tahun 1994). Pertambahan ini adalah disebabkan pertambahan pendaratan dari Sarawak sebanyak 28.02% (dari 52,486 tan metrik kepada 67,195 tan metrik), Labuan 11.24% (dari 16,302 tan metrik kepada 18,134 tan metrik), Sabah 6.03% (dari 148,552 tan metrik kepada 157,517 tan metrik) dan Pantai Barat Semenanjung Malaysia sebanyak 4.00% (dari 415,335 tan metrik kepada 431,932 tan metrik). Walau bagaimanapun, terdapat penurunan pendaratan di Pantai Timur Semenanjung Malaysia iaitu sebanyak 5.15% (dari 269,126 tan metrik kepada 255,271 tan metrik).

Jadual 1

Malaysia
Pendaratan dan Nilai Perikanan Laut Pantai, 1994

	Pendaratan (Tan Metrik)	Nilai (RM)
Pantai Barat Semenanjung Malaysia	431,932	1,108,449,105
Pantai Timur Semenanjung Malaysia	255,271	549,636,332
Semenanjung Malaysia	687,203	1,658,085,437
Sabah	157,517	391,823,710
Sarawak	67,195	226,586,894
Wilayah Persekutuan Labuan	18,134	39,028,141
Jumlah	930,049	2,315,524,182

6.4 Perikanan Laut Dalam

- 6.4.1 Perikanan laut dalam termasuk vesel-vesel bermuatan 70 GRT dan ke atas mengoperasikan pukot tunda, pukot jerut (kecuali pukot jerut bilis), rawai/pancing, pukot hanyut dan beroperasi di perairan melebihi 30 batu nautika dari pantai. Perikanan laut dalam menghasilkan sebanyak 135,536 tan metrik ikan dalam tahun 1994 iaitu 12.72% daripada jumlah pendaratan ikan laut di Malaysia. Mengikut kawasan, Pantai Barat Semenanjung Malaysia menyumbangkan sebanyak 20.93%, Pantai Timur Semenanjung Malaysia sebanyak 51.28%, Sabah sebanyak 2.07%, Labuan sebanyak 4.74% dan Sarawak sebanyak 20.98% daripada jumlah keseluruhan pendaratan perikanan laut dalam. Berdasarkan perkakas menangkap ikan, pukot tunda mendaratkan sebanyak 72.49%, pukot jerut mendaratkan sebanyak 27.36% dan rawai/pancing mendaratkan sebanyak 0.15% ikan dari perikanan laut dalam. Dari segi nilai, perikanan laut dalam menyumbangkan sebanyak RM268.77 juta dalam tahun 1994 iaitu 10.40% daripada jumlah nilai pendaratan ikan laut di Malaysia. Nilai perikanan laut dalam berkurangan sebanyak 0.23% (dari RM269.40 juta dalam tahun 1993 kepada RM268.77 juta dalam tahun 1994). Berdasarkan perkakas menangkap ikan, pukot tunda menyumbangkan sebanyak 64.76% (RM174.06 juta), pukot jerut sebanyak 34.95% (RM93.95 juta) dan rawai/pancing sebanyak 0.29% (RM0.77 juta) daripada jumlah nilai perikanan laut dalam.
- 6.4.2 Jumlah pendaratan perikanan laut dalam menurun sebanyak 6.88% (dari 145,549 tan metrik dalam tahun 1993 kepada 135,536 tan metrik dalam tahun 1994). Selain dari Labuan, lain-lain kawasan menunjukkan kemerosotan pendaratan perikanan laut dalam. Perikanan laut dalam Labuan menunjukkan peningkatan pendaratan sebanyak 126.14% (dari 2,839 tan metrik kepada 6,420 tan metrik). Peningkatan pendaratan adalah disebabkan pertambahan pendaratan dari perkakas pukot tunda yang beroperasi di Labuan sepanjang tahun 1994 berbanding dengan tahun 1993. Kebanyakan negeri kecuali Labuan dan Kelantan menunjukkan penurunan di dalam bilangan vesel laut dalam yang dilesenkan. Bilangan vesel laut dalam yang dilesenkan di Kelantan adalah stabil.

Jadual 11

Malaysia
Pendaratan Perikanan Laut Dalam Mengikut Kumpulan Perkakas, 1994
(Kuantiti Dalam Tan Metrik)

	Pukat Tunda 70 GRT & Lebih	Pukat Jerut Ikan 70 GRT & Lebih	Rawai/ Pancing 70 GRT & Lebih	Jumlah
Pantai Barat Semenanjung Malaysia	20,738	7,632	0.00	28,370
Pantai Timur Semenanjung Malaysia	44,478	25,028	0.00	69,506
Semenanjung Malaysia	65,216	32,660	0.00	97,876
Sabah	167	2,524	120	2,811
Sarawak	28,429	0.00	0.00	28,429
Wilayah Persekutuan Labuan	4,436	1,897	87	6,420
Jumlah	98,248	37,081	207	135,536

Jadual 111

Malaysia
Nilai Pendaratan Perikanan Laut Dalam Mengikut Kumpulan Perkakas, 1994
(Nilai Dalam RM)

	Pukat Tunda 70 GRT & Lebih	Pukat Jerut Ikan 70 GRT & Lebih	Rawai/ Pancing 70 GRT & Lebih	Jumlah
Pantai Barat Semenanjung Malaysia	36,739,441	19,336,206	0	56,075,647
Pantai Timur Semenanjung Malaysia	78,797,225	63,410,190	0	142,207,415
Semenanjung Malaysia	115,536,666	82,746,396	0	198,283,062
Sabah	295,857	6,394,731	444,712	7,135,300
Sarawak	50,364,816	0	0	50,364,816
Wilayah Persekutuan Labuan	7,858,818	4,805,182	322,416	12,987,416
Jumlah	174,056,157	93,947,309	767,128	268,770,594

7. TERNAKAIR

7.1 Pada dasarnya industri ternakair di Malaysia meliputi ternakan ikan airtawar dan airpayau. Ternakan airtawar dijalankan di kolam-kolam airtawar, sangkar airtawar, tangki simen dan bekas lombong. Sementara ternakan airpayau merangkumi kolam airpayau, sangkar airpayau dan ternakan moluska termasuk kerang, siput sudu dan tiram.

7.2 Jumlah pengeluaran ternakair, tidak termasuk pengeluaran ikan hiasan meningkat sebanyak 8.43% dari 105,237.31 tan metrik dalam tahun 1993 kepada 114,113.71 tan metrik dalam tahun 1994. Nilai pengeluaran juga telah meningkat sebanyak 24.71% dari RM292.43 juta dalam tahun 1993 kepada RM364.70 juta dalam tahun 1994. Manakala, jumlah pengeluaran ikan hiasan meningkat sebanyak 20.61% dari 188,871,525 ekor dalam tahun 1993 kepada 227,790,460 ekor dalam tahun 1994. Dari segi nilai, peningkatan adalah sebanyak 30.01% (dari RM33.65 juta dalam tahun 1993 kepada RM43.75 juta dalam tahun 1994).

7.3 Ternakan Airtawar

7.3.1 Jumlah pengeluaran dari ternakan airtawar meningkat sebanyak 20.24% daripada 15,467.59 tan metrik dalam tahun 1993 kepada 18,598.39 tan metrik pada tahun 1994. Peningkatan pengeluaran ternakan airtawar adalah disebabkan peningkatan hasil dari semua sistem ternakan kolam airtawar, bekas lombong, sangkar air tawar dan tangki simen. Dari segi nilai, terdapat pertambahan sebanyak 11.90% dari RM112.53 juta pada tahun 1993 kepada RM125.92 juta pada tahun 1994. Ternakan airtawar telah menyumbangkan sebanyak 16.30% daripada jumlah pengeluaran ternakair dalam tahun 1994 dan dari segi nilai ianya menyumbangkan sebanyak 34.50% dari jumlah nilai ternakair pada tahun 1994.

7.3.2 Pengeluaran dari ternakan kolam airtawar adalah yang tertinggi pada tahun 1994, menyumbangkan sebanyak 77.88% (14,484.31 tan metrik) diikuti oleh pengeluaran dari bekas lombong yang menyumbangkan sebanyak 9.39% (1,747.21 tan metrik), ternakan dalam sangkar menyumbang sebanyak 7.60% (1,413.06 tan metrik) dan ternakan airtawar dari tangki simen menyumbangkan sebanyak 5.13% (953.81 tan metrik) daripada jumlah pengeluaran ternakan airtawar. Seramai 14,443 penternak mengusahakan ternakan kolam airtawar meliputi kawasan seluas 6,552.62 hektar, 218 penternak mengusahakan ternakan

di kawasan bekas lombong meliputi kawasan seluas 1,068.33 hektar, 868 penternak mengusahakan ternakan dalam sangkar meliputi kawasan seluas 56,796.41 meter persegi, dan 306 penternak mengusahakan ternakan airtawar di dalam tangki simen meliputi kawasan seluas 48,263.63 meter persegi.

7.3.3 Pengeluaran dari kolam airtawar dalam tahun 1994 meningkat sebanyak 8.72% (dari 13,323.19 tan metrik kepada 14,484.31 tan metrik). Nilai juga telah meningkat sebanyak 5.02% (dari RM103.83 juta kepada RM109.04 juta). Tiga spesies utama yang ditenak didalam kolam air tawar di Semenanjung Malaysia dalam tahun 1994 ialah belut dengan pengeluaran sebanyak 3,353.81 tan metrik diikuti oleh tilapia merah dengan pengeluaran sebanyak 2,467.63 tan metrik dan ikan keli dengan pengeluaran sebanyak 736.24 tan metrik. Di Sabah, tiga spesies utama yang ditenak di kolam airtawar pula ialah tilapia hitam dengan pengeluaran sebanyak 3,548.00 tan metrik diikuti oleh tilapia merah dengan pengeluaran sebanyak 1,022.00 tan metrik dan lampam jawa dengan pengeluaran sebanyak 842.00 tan metrik. Di Sarawak, tiga spesies utama ternakan kolam airtawar ialah jelawat dengan pengeluaran sebanyak 144.20 tan metrik diikuti oleh lampam jawa dengan pengeluaran sebanyak 129.78 tan metrik dan tilapia merah dengan pengeluaran sebanyak 115.36 tan metrik. Purata pengeluaran ternakan kolam airtawar dalam tahun 1994 adalah sebanyak 2.21 tan metrik/hektar/tahun.

7.3.4 Jumlah keseluruhan pengeluaran ternakan airtawar dalam bekas lombong meningkat sebanyak 83.72% (dari 951.03 tan metrik dalam tahun 1993 kepada 1,747.21 tan metrik dalam tahun 1994). Peningkatan pengeluaran disebabkan oleh purata pengeluaran meningkat daripada 0.68 tan metrik/hektar/tahun dalam tahun 1993 kepada 1.61 tan metrik/hektar/tahun dalam tahun 1994. Nilai telah meningkat sebanyak 92.51% (dari RM3.07 juta kepada RM5.91 juta). Tiga spesies utama ternakan airtawar dalam bekas lombong ialah kap kepala besar yang menyumbangkan sebanyak 37.78% (660.17 tan metrik), tilapia merah yang menyumbangkan sebanyak 21.14% (369.38 tan metrik) dan kap rumput yang menyumbangkan sebanyak 15.08% (263.43 tan metrik) dari jumlah pengeluaran keseluruhan spesies yang ditenak dalam bekas lombong.

- 7.3.5 Jumlah pengeluaran dari sangkar airtawar telah meningkat sebanyak 79.89% (dari 785.53 tan metrik dalam tahun 1993 kepada 1,413.06 tan metrik dalam tahun 1994). Peningkatan pengeluaran adalah disebabkan oleh peningkatan kawasan ternakan dan purata pengeluaran. Kedapatan pertambahan luas kawasan ternakan dari 48,693.27 meter persegi dalam tahun 1993 kepada 56,796.41 meter persegi dalam tahun 1994. Purata pengeluaran juga telah meningkat dari 16.13 kg/meter persegi/tahun dalam tahun 1993 kepada 24.88 kg/meter persegi/tahun dalam tahun 1994. Tiga spesies utama ternakan adalah tilapia merah yang menyumbangkan sebanyak 54.19% (765.77 tan metrik), patin (*Pangasius pangasius*) yang menyumbangkan sebanyak 28.93% (408.73 tan metrik) dan baung (*Mystus nemurus*) yang menyumbangkan sebanyak 10.72% (151.50 tan metrik) dari jumlah keseluruhan pengeluaran ternakan sangkar airtawar.
- 7.3.6 Jumlah pengeluaran keseluruhan ternakan airtawar dari tangki simen telah meningkat sebanyak 133.87% (dari 407.84 tan metrik dalam tahun 1993 kepada 953.81 tan metrik dalam tahun 1994). Peningkatan ini disebabkan pertambahan luas kawasan ternakan dan juga pengeluaran. Luas kawasan ternakan telah meningkat sebanyak 35.66% (dari 34,793.72 meter persegi kepada 48,263.63 meter persegi). Purata pengeluaran meningkat dari 11.72 kg/meter persegi/tahun dalam tahun 1993 kepada 19.76 kg/meter persegi/tahun. Nilai telah meningkat sebanyak 113.48% (dari RM1.78 juta kepada RM3.80 juta). Dua spesies utama yang ditenak adalah tilapia merah yang menyumbangkan sebanyak 89.72% (855.74 tan metrik) dan keli yang menyumbangkan sebanyak 9.35% (89.16 tan metrik) daripada jumlah pengeluaran ternakan tangki simen.

7.4 Ternakan Airpayau

- 7.4.1 Jumlah pengeluaran ternakan airpayau meningkat sebanyak 6.40% dari 89,769.72 tan metrik dalam tahun 1993 kepada 95,515.32 tan metrik dalam tahun 1994. Peningkatan pengeluaran ini adalah datang dari pengeluaran kerang dan ikan dalam kolam airpayau. Pengeluaran ternakan kolam airpayau meningkat sebanyak 42.56% (daripada 4,601.43 tan metrik kepada 6,559.88 tan metrik). Ternakan kerang meningkat sebanyak 5.89% (daripada 77,755.00 tan metrik kepada 82,335.04 tan metrik). Pengeluaran ternakan sangkar airpayau, tiram dan siput sudu menurun. Ternakan tiram menurun sebanyak 39.81% (dari 37.13 tan metrik kepada 22.35 tan metrik) manakala pengeluaran siput sudu menurun

sebanyak 17.99% (dari 1,181.91 tan metrik kepada 969.24 tan metrik) dan pengeluaran dari sangkar airpayau menurun sebanyak 9.13% (dari 6,194.25 tan metrik kepada 5,628.81 tan metrik). Dari segi nilai ternakan airpayau meningkat sebanyak 32.92% (dari RM179.90 juta dalam tahun 1993 kepada RM239.13 juta dalam tahun 1994).

7.4.2 Bilangan penternak yang terlibat didalam ternakan kolam airpayau adalah seramai 787 orang dengan keluasan kawasan ternakan sejumlah 2,447.34 hektar manakala bilangan penternak yang terlibat didalam ternakan sangkar airpayau ialah seramai 923 orang dengan keluasan kawasan ternakan sejumlah 679,438.75 meter persegi. Jumlah penternak yang terlibat didalam ternakan kerang adalah seramai 269 orang dengan keluasan kawasan ternakan sejumlah 4,640.35 hektar. Jumlah penternak yang terlibat didalam ternakan siput sudu adalah seramai 183 orang dengan keluasan kawasan ternakan sejumlah 72,469.44 meter persegi dan bilangan penternak yang terlibat didalam ternakan tiram adalah seramai 146 orang dengan keluasan kawasan ternakan sejumlah 121,382.06 meter persegi.

7.4.3 Dalam tahun 1994 pengeluaran kerang adalah yang tertinggi sekali diantara pengeluaran ternakan airpayau dengan menyumbang sebanyak 86.20% (82,335.04 tan metrik) dari jumlah keseluruhan pengeluaran ternakan airpayau. Manakala pengeluaran ternakan kolam airpayau menyumbang sebanyak 6.87% (6,559.80 tan metrik), sangkar airpayau sebanyak 5.89% (5,628.81 tan metrik), siput sudu sebanyak 1.02% (969.24 tan metrik) dan tiram sebanyak 0.02% (22.35 tan metrik). Walau bagaimanapun, dari segi nilai ternakan kolam airpayau menyumbangkan nilai yang paling tinggi diantara ternakan airpayau yang lain iaitu sebanyak 51.28% (RM122.63 juta) diikuti dengan ternakan sangkar airpayau sebanyak 34.07% (RM81.46 juta), kerang 14.39% (RM34.40 juta), siput sudu 0.16% (RM0.39 juta) dan tiram 0.10% (RM0.23 juta).

7.4.4 Spesies utama yang ditenak di dalam kolam airpayau masih lagi udang harimau yang mengeluarkan sebanyak 88.26% (5,789.46 tan metrik) daripada jumlah keseluruhan ternakan kolam airpayau. Lain-lain spesies ternakan ialah udang putih, siakap, jenahak, ketam dan lain-lain spesies dengan jumlah pengeluaran sebanyak 11.74% (770.42 tan metrik) dari jumlah keseluruhan pengeluaran ternakan kolam airpayau. Adalah diperhatikan bahawa pengeluaran udang harimau

meningkat dengan pesatnya sebanyak 47.04% (dari 3,937.43 tan metrik kepada 5,789.46 tan metrik). Purata pengeluaran juga telah meningkat dari 2.45 tan metrik/hektar/tahun dalam tahun 1993 kepada 2.68 tan metrik/hektar/tahun dalam tahun 1994. Luas kawasan ternakan pada masa yang sama telah bertambah sebanyak 30.33% (dari 1,877.82 hektar kepada 2,447.34 hektar). Bagi tahun 1994 julat purata pengeluaran paling minima adalah sebanyak 1.06tan metrik /hektar/tahun bagi negeri Terengganu dan tahap paling maksima sebanyak 22.16 tan metrik/hektar/tahun bagi negeri Perlis.

7.4.5 Pengeluaran dari kolam airpayau telah meningkat di semua negeri kecuali negeri Selangor. Pengeluaran bagi negeri Perlis meningkat sebanyak 184.47% (dari 33.03 tan metrik kepada 93.96 tan metrik), Perak sebanyak 98.05% (dari 619.12 tan metrik kepada 1,226.15 tan metrik), Kelantan sebanyak 96.79% (dari 73.89 tan metrik kepada 145.41 tan metrik), Sabah 77.78% (dari 900.00 tan metrik kepada 1,600.00 tan metrik), Melaka 28.47% (dari 38.53 tan metrik kepada 49.50 tan metrik), Negeri Sembilan 19.96% (dari 94.40 tan metrik kepada 113.24 tan metrik), Kedah 15.60% (dari 507.90 tan metrik kepada 587.11 tan metrik), Terengganu 13.80% (dari 48.13 tan metrik kepada 54.77 tan metrik), Johor 13.74% (dari 697.98 tan metrik kepada 793.89 tan metrik), Pulau Pinang 12.56% (dari 504.01 tan metrik kepada 567.32 tan metrik) dan Negeri Sarawak 6.61% (dari 46.90 tan metrik kepada 50.00 tan metrik). Negeri Selangor sebaliknya telah menunjukkan penurunan didalam pengeluaran dari kolam airpayau sebanyak 9.65% (dari 1,030.51 tan metrik kepada 931.06 tan metrik). Ini adalah disebabkan terdapat masalah penyakit ikan dan juga alam sekitar.

7.4.6 Dari segi nilai pengeluaran terdapat pertambahan nilai pengeluaran ternakan airpayau sebanyak 68.94%(dari RM72.59 juta kepada RM122.63 juta). Pertambahan ini adalah disumbangkan oleh pertambahan pengeluaran udang harimau iaitu peningkatan sejumlah RM45.51 juta (dari RM66.06 juta kepada RM111.57 juta). Jumlah keseluruhan nilai pengeluaran udang harimau menyumbang sebanyak 90.98% dari jumlah nilai keseluruhan pengeluaran kolam airpayau.

- 7.4.7 Tiga spesies utama ternakan didalam sangkar airpayau ialah siakap sebanyak 46.09% (2,594.20 tan metrik) diikuti oleh jenahak sebanyak 23.78% (1,338.62 tan metrik) dan kerapu sebanyak 16.53% (930.71 tan metrik) dari jumlah pengeluaran sangkar airpayau. Pengeluaran siakap dari sangkar airpayau menunjukkan kejatuhan sebanyak 31.79% (dari 3,803.41 tan metrik kepada 2,594.20 tan metrik) manakala jenahak meningkat sebanyak 59.24% (dari 840.63 tan metrik kepada 1,338.62 tan metrik) dan kerapu menurun sebanyak 7.43% (dari 1,005.41 tan metrik kepada 930.71 tan metrik). Adalah diperhatikan minat kepada ternakan ikan jenahak adalah meningkat berbanding kerapu pada tahun kebelakangan ini. Luas kawasan ternakan sangkar airpayau telah meningkat sebanyak 1.67% (dari 668,260.00 meter persegi kepada 679,438.75 meter persegi). Walau bagaimanapun, purata pengeluaran menurun dari 9.27 kg/meter persegi/tahun kepada 8.28 kg/meter persegi/tahun. Ini disebabkan masalah penyakit ikan dan pencemaran di setengah-setengah negeri. Jumlah pengeluaran dari sangkar airpayau telah meningkat di Sarawak sebanyak 841.18% (dari 3.40 tan metrik kepada 32.00 tan metrik), Kedah sebanyak 76.34% (dari 66.96 tan metrik kepada 118.08 tan metrik), Kelantan sebanyak 35.15% (dari 27.51 tan metrik kepada 37.18 tan metrik), Terengganu sebanyak 34.61% (dari 5.23 tan metrik kepada 7.04 tan metrik) dan Johor sebanyak 10.39% (dari 732.76 tan metrik kepada 808.90 tan metrik). Walau bagaimanapun, pengeluaran untuk negeri Pahang menurun sebanyak 79.18% (dari 4.13 tan metrik kepada 0.86 tan metrik), Pulau Pinang sebanyak 23.74% (dari 1,538.67 tan metrik kepada 1,173.36 tan metrik), Melaka sebanyak 23.60% (dari 10.93 tan metrik kepada 8.35 tan metrik), Perak sebanyak 14.53% (dari 1,844.15 tan metrik kepada 1,576.12 tan metrik), Perlis sebanyak 6.44% (dari 17.38 tan metrik kepada 16.26 tan metrik) dan Selangor sebanyak 4.39% (dari 1,200.33 tan metrik kepada 1,147.66 tan metrik). Tiada pengeluaran bagi Negeri Sembilan untuk tahun 1994 disebabkan tiada sangkar yang aktif. Jumlah keseluruhan pengeluaran dari sangkar airpayau telah menurun sebanyak 9.13% (dari 6,194.25 tan metrik kepada 5,628.81 tan metrik). Walau bagaimanapun, nilai keseluruhan pengeluaran telah meningkat sebanyak 2.21% (dari RM79.70 juta kepada RM81.46 juta).
- 7.4.8 Jumlah pengeluaran kerang adalah sebanyak 82,335.04 tan metrik dalam tahun 1994 dengan nilai RM34.40 juta. Tiga negeri utama pengeluar kerang adalah Perak sebanyak 61.80% (50,880.90 tan metrik), Selangor sebanyak 18.90% (15,564.48 tan metrik) dan Pulau Pinang sebanyak 17.58% (14,477.27 tan metrik) dari jumlah

pengeluaran kerang negara. Tiga negeri lain iaitu Sabah, Johor dan Kedah yang juga mengeluarkan kerang menyumbangkan sebanyak 1.72% (1,412.39 tan metrik) dari jumlah pengeluaran kerang negara.

7.4.9 Pengeluaran siput sudu dan tiram telah menurun pada tahun 1994 masing-masing sebanyak 17.99% (dari 1,181.91 tan metrik kepada 969.24 tan metrik) dan 39.81% (dari 37.13 tan metrik kepada 22.35 tan metrik). Nilai pengeluaran siput sudu dan tiram juga telah menurun masing-masing sebanyak 12.77% (dari RM0.47 juta kepada RM0.41 juta) dan 34.29% (dari RM0.35 juta kepada RM0.23 juta). Penurunan pengeluaran siput sudu dan tiram adalah disebabkan terdapat kekurangan pembekalan benih siput sudu dan tiram. Walau bagaimanapun, negeri utama yang lain seperti Kedah yang mengeluarkan tiram terdapat permintaan pasaran yang meningkat dan juga peningkatan pengeluaran sejumlah 111.65% (dari 3.69 tan metrik kepada 7.81 tan metrik).

7.4.10 Negeri Johor adalah negeri utama yang mengeluarkan siput sudu pada tahun 1994. Pengeluaran siput sudu di negeri Johor menyumbangkan sejumlah 88.39% (856.72 tan metrik) daripada keseluruhan pengeluaran siput sudu di Malaysia. Walau bagaimanapun, terdapat penurunan pengeluaran siput sudu di negeri Johor sebanyak 21.29% (dari 1,088.41 tan metrik kepada 856.72 tan metrik).

7.5 Ikan Hiasan

7.5.1 Jumlah pengeluaran ikan hiasan meningkat sebanyak 20.61% dari 188,871,525 ekor dalam tahun 1993 kepada 227,790,460 ekor dalam tahun 1994. Dari segi nilai terdapat peningkatan sebanyak 30.01% (dari RM33.65 juta dalam tahun 1993 kepada RM43.75 juta dalam tahun 1994). Johor masih kekal sebagai pengeluar utama ikan hiasan yang menyumbangkan sebanyak 148,118,412 ekor iaitu 65.02% dari jumlah keseluruhan pengeluaran ikan hiasan dalam tahun 1994. Ini diikuti oleh Perak yang menyumbangkan sebanyak 45,558,092 ekor iaitu 20.00%, Selangor menyumbangkan sebanyak 22,779,046 ekor iaitu 10.00% dan Pulau Pinang menyumbangkan sebanyak 11,012,400 ekor iaitu 4.83% dari jumlah pengeluaran ikan hiasan dalam tahun 1994. Dua kumpulan utama yang dikeluarkan adalah 'Cyprinids' menyumbangkan sebanyak 45.39% (ikan emas dan koi 26.74%, Barb dan Danio 18.65%) dan 'Poeciliids' menyumbangkan sebanyak 17.86% dari jumlah pengeluaran ikan hiasan.

8. **PERAIRAN UMUM/PERIKANAN DARAT**

- 8.1 Perairan umum/perikanan darat adalah ditakrifkan sebagai pengeluaran ikan dari sumber perairan umum iaitu sungai, tasik, bekas lombong dan empangan. Pendaratan dari perairan umum/perikanan darat meningkat sebanyak 4.69% dari 1,971.38 tan metrik dalam tahun 1993 kepada 2,063.90 tan metrik dalam tahun 1994. Pulau Pinang, Kedah, Perlis, Kelantan, Perak, Negeri Sembilan dan Pahang menunjukkan peningkatan dalam pendaratan masing-masing sebanyak 1,640.72%, 68.34%, 57.89%, 38.67%, 20.22%, 8.11% dan 4.56%.

STATUS OF THE FISHERIES SECTOR IN MALAYSIA

1. INTRODUCTION

1.1 The fisheries sector in Malaysia plays an important role in the national economy in terms of income, gain of foreign exchange and employment to the rural population.

1.2 Basically the fisheries industry in Malaysia can be divided into marine fisheries, aquaculture and public water bodies/inland fisheries. However, public water bodies/inland fisheries at this present moment does not contribute significantly to the fisheries industry. For management purposes, the marine fisheries is categorized into the inshore sector and the deep sea sector. Aquaculture on the other hand covers freshwater culture and brackishwater culture. The inshore fisheries is already heavily exploited and there is evidence that fishing is over-saturated. However, the deep sea fisheries has further potential for development. Aquaculture also offers bright prospects for further development and expansion. Based on resource potential, the developmental efforts are geared towards the deep sea fisheries and aquaculture sector while sustaining production from the inshore sector. Ornamental fish industry in the past few years has also shown significant growth in terms of production and export.

2. THE FISHERIES PROFILE

2.1 In 1994, the total production from the fisheries sector amounted to 1,181,763 tonnes valued at RM2.99 billion constituting about 1.61% of the national Gross Domestic Product (GDP)*, while in 1993, the total production from the fisheries sector amounted to 1,154,559 tonnes valued at RM2.70 billion and constituted about 1.63% of the national GDP. There was an increase of 2.36% in terms of the quantity of the total production and 10.74% in terms of the value of the total production. However, there was a decrease in the contribution to the GDP by 1.23%.

* as Bank Negara Report 1994.

- 2.2 In 1994, the marine fisheries contributed 1,065,585 tonnes or 90.15% of the total production, while aquaculture excluding ornamental fish production contributed 114,113.71 tonnes or 9.66% of the total production. The public water bodies/inland fisheries contributed 2,063.90 tonnes or 0.19% of the total production. The ornamental fish on the other hand contributed 227,790,460 pieces. In terms of value, the marine fisheries contributed RM2.584 billion or 86.34% of the total production value; while aquaculture including ornamental fish contributed RM408.79 million or 13.66% of the total production value.
- 2.3 The total landing from marine capture fisheries increased by 1.74% from 1,047,350 tonnes in 1993 to 1,065,585 tonnes in 1994. In terms of value, there was an increase of 8.66% from RM2.378 billion in 1993 to RM2.584 billion in 1994. Meanwhile, the total production of aquaculture, excluding ornamental fish production also increased by 8.43% from 105,237.29 tonnes in 1993 to 114,113.71 tonnes in 1994. In terms of value, there was an increase of 24.83% from RM292.43 million in 1993 to RM365.04 million in 1994. The ornamental fish production increased by 20.61% from 188,871,525 pieces in 1993 to 227,790,460 pieces in 1994. In terms of value, there was an increase of 30.01% from RM33.65 million in 1993 to RM43.75 million in 1994. The Public Waterbodies/Inland Fisheries produced 2,063.90 tonnes of fish in 1994 compared to 1,971.38 tonnes of fish in 1993. This is an increase of 4.69% in production.
- 2.4 With regard to employment, the fisheries sector in Malaysia provides direct employment to 79,802 fishermen and 18,143 aquaculturists giving a total of 97,945 manpower employed in the fisheries industry. This constitutes about 1.29% of the total labour force in the country. There were about 31,403 fishing vessels in Malaysia and the total number of gears licenced was 25,856 units. The major fishing gears were trawl nets (21.96%), purse seine nets (6.83%), drift/gill nets (51.11%) and hooks and lines (9.99%).

3 EMPLOYMENT (MANPOWER)

3.1 Marine Fisheries(Fishermen)

- 3.1.1 A total of 79,802 fishermen were engaged in the marine fisheries sector in 1994 compared to 80,278 fishermen in 1993, thus showing a decrease of 0.59%. This trend is in line with the Government management policy to reduce the number of fishermen so that each one will have a bigger share of the resources and only the fishermen who are genuinely interested in fishing as a means of livelihood will stay in the industry. There was a decrease in the total number of fishermen from Peninsular Malaysia by 3.14% (from 53,887 fishermen to 52,195 fishermen). Most of the states in the Peninsular Malaysia showed a decrease in the total number of fishermen. Penang showed the most significant decrease in the number of fishermen by 15.59% followed by Kelantan 8.94%, East Johore 7.17%, Perlis 5.51%, Kedah 5.40%, West Johore 4.97%, Perak 4.41%, Selangor 4.41% and Terengganu 0.35%. However, Pahang showed an increase of 15.52%, Negeri Sembilan 15.02% and Malacca 12.47%. The number of fishermen in Sarawak decreased by 3.04%. Labuan and Sabah on the other hand showed an increase in the number of fishermen by 8.26% and 7.65% respectively. The main reason for the significant increase in number of fishermen in Pahang was due to the transfer of Johor and Terengganu zone C and D vessels base to Kuantan, Pahang. The move by these fishermen was due to the improvement in basic facilities provided in Kuantan, Pahang. On the other hand the increase in the number of fishermen in Negeri Sembilan and Malacca was due to the increase in the number of drift/gill nets licensed with special approval for the outboard motor vessels.
- 3.1.2 The number of fishermen working on licensed fishing vessels using commercial gears was 33,918 which was 42.50% (25.30% fishermen on trawlers and 17.20% fishermen on fish purse seiners) of the total number of fishermen working on licensed fishing vessels, while the number of fishermen working on licensed fishing vessels using traditional gears was 45,884 i.e. 57.50% of the total number of fishermen working on licensed fishing vessels.

- 3.1.3 A total of 5,646 foreign crews had been approved in 1994 to work on fishing vessels licensed in Malaysia. Of this, 5,518 foreign crews had been approved to work in Peninsular Malaysia and 127 in Labuan and 1 in Sarawak. The percentage of the total foreign crews had been approved to work on fishing vessels in Terengganu was 31.83%, Kelantan 16.76%, Pahang 12.15%, Perlis 15.50%, Labuan 2.25%, East Johore 7.39%, Sarawak 0.02% and Perak 0.02%. The total number of foreign crews approved to work on fishing vessels licensed in Malaysia increased by 21.18% (from 4,659 crews in 1993 to 5,646 crews in 1994).

3.2 **Aquaculture (Fish Farmers/Culturists)**

- 3.2.1 A total of 18,143 fish farmers/culturists were engaged in the aquaculture sector in 1994 compared to 16,853 fish farmers/culturists in 1993, thus showing an increase of 7.65%. There were 14,443 fish farmers/culturists involved in freshwater pond culture, 218 in ex-mining pool culture, 868 in freshwater cage culture, 306 in freshwater cement tank culture, 787 in brackishwater pond culture, 923 in brackishwater cage culture, 269 in cockle culture, 183 in mussel culture and 146 in oyster culture in 1994.

4. **FISHING VESSELS**

- 4.1 On the whole the fishing fleet decreased slightly from 31,575 units in 1993 to 31,403 units in 1994 i.e. a drop of 0.54%. The decrease came from Peninsular Malaysia that was by 4.66% (from 20,020 units in 1993 to 19,088 units in 1994). Sabah fishing fleet increased by 7.77% (from 8,485 units to 9,144 units) while Sarawak increased by 3.40% (from 2,941 units to 3,041 units) and Labuan by 0.65% (from 129 units to 130 units).
- 4.2 The total number of deep sea fishing fleet licensed in Malaysia in 1994 was 520 units while in 1993, it was 546 units. There was an increase of 20.00% in the number of deep sea fishing fleet licensed in Labuan (from 10 units to 12 units).

5. FISHING GEARS

- 5.1 The total number of fishing gears licensed in 1994 decreased by 2.89% compared to 1993 (from 26,625 units in 1993 to 25,856 units in 1994). For all the states in Peninsular Malaysia there was a decrease of 4.66% fishing gears licensed (from 20,020 units to 19,088 units). While Labuan, Sarawak and Sabah showed an increase in the number of fishing gears licensed by 23.26% (from 129 units to 159 units), 3.58% (from 3,328 units to 3,447 units) and 0.44% (from 3,148 units to 3,162 units) respectively.

6. MARINE FISH LANDINGS

- 6.1 The total landing from marine capture fisheries increased by 1.74% from 1,047,350 tonnes in 1993 to 1,065,585 tonnes in 1994. In terms of value there was an increase of 8.66% from RM2.378 billion in 1993 to RM2.584 billion in 1994. However, the landing of Grade I and Grade II fish and prawns decreased by 10.29% (from 51,050 tonnes to 45,795 tonnes), 5.19% (from 27,809 tonnes to 26,366 tonnes) and 4.80% (from 106,879 tonnes to 101,746 tonnes) respectively. Although there was a decrease in landing, there was an increase in the value of Grade I, Grade II fish and prawns by 14.70% (from RM321.07 million to RM368.26 million), 17.64% (from RM107.71 million to RM126.71 million) and 4.73% (from RM646.71 million to RM677.27 million) respectively. Shellfish on the other hand showed a decrease in quantity of landing as well as the value of landing by 57.77% (from 22,240 tonnes to 9,392 tonnes) and 43.01% (from RM36.39 million to RM20.74 million) respectively. The landing of Grade III fish and trash fish increased by 4.59% (from 542,994 tonnes to 567,920 tonnes) and 6.07% (from 296,378 tonnes to 314,364 tonnes) respectively. In terms of value Grade III fish and trash fish increased by 10.12% (from RM1,189.49 million to RM1,309.82 million) and 5.50% (from RM77.24 million to RM81.49 million) respectively.
- 6.2 The overall total marine landing for the West Coast of Peninsular Malaysia increased by 3.09% (from 446,515 tonnes to 460,302 tonnes). Penang, Perak and Selangor showed an increase in their total marine landing. However, Perlis,

Malacca, West Johore, Negeri Sembilan and Kedah showed a decrease in their total marine landing. The East Coast of Peninsular Malaysia marine landing decreased by 5.89% (from 345,103 tonnes to 324,777 tonnes). All the states in the East Coast of Peninsular Malaysia except East Johore, showed a decrease in their marine landing. Sabah, Sarawak and Labuan showed an increase in their marine landing by 3.66% (from 154,467 tonnes to 160,328 tonnes), 16.72% (from 81,924 tonnes to 95,624 tonnes) and 28.28% (from 19,141 tonnes to 24,554 tonnes) respectively.

6.3 Inshore Fisheries

6.3.1 The inshore fisheries includes traditional vessels and commercial vessels of below 70 GRT operating all types of gears. The inshore fisheries contributed a total of 930,049 tonnes of fish in 1994 which was 87.28% of the total marine fish landing of Malaysia compared to 901,801 tonnes in 1993 i.e. 86.10% of the total landing of marine fisheries in Malaysia. In terms of area of landing, West Coast of Peninsular Malaysia contributed 46.44% (431,932 tonnes), East Coast of Peninsular Malaysia 27.45% (255,271 tonnes), Sabah 16.94% (157,517 tonnes), Labuan 1.95% (18,134 tonnes) and Sarawak 7.22% (67,195 tonnes) of the total landing of the inshore fisheries. By value, the inshore fisheries contributed RM2,315.52 million in 1994 which was 89.60% of the total marine fish landing value of Malaysia. The value of inshore fisheries increased by 9.78% (from RM2,109.21 million in 1993 to RM2,315.52 million in 1994).

6.3.2 The total inshore marine fisheries landing had increased by 3.13% (from 901,801 tonnes in 1993 to 930,049 tonnes in 1994). The increase came from Sarawak by 28.02% (from 52,486 tonnes to 67,195 tonnes), Labuan by 11.24% (from 16,302 tonnes to 18,134 tonnes), Sabah by 6.03% (from 148,552 tonnes to 157,517 tonnes) and West Coast of Peninsular Malaysia by 4.00% (from 415,335 tonnes to 431,932 tonnes). However, East Coast of Peninsular Malaysia showed a decrease of 5.15% (from 269,126 tonnes to 255,271 tonnes) in its inshore marine fisheries landing.

Malaysia
Landings and Values of Marine Inshore Fisheries, 1994

	Landing (Tonnes)	Value (RM)
West Coast of Peninsular Malaysia	431,932	1,108,449,105
East Coast of Peninsular Malaysia	255,271	549,636,332
Peninsular Malaysia	687,203	1,658,085,437
Sabah	157,517	391,823,710
Sarawak	67,195	226,586,894
Labuan Federal Territory	18,134	39,028,141
Total	930,049	2,315,524,182

6.4 Deep Sea Fisheries

6.4.1 The deep sea fisheries includes vessels of 70 GRT and above operating trawl net, fish purse seine nets (except anchovy purse seine nets), hooks and lines, drift/gill nets and operate a distance of above 30 nautical miles from the coast. The deep sea fisheries contributed a total of 135,536 tonnes of fish in 1994 which was 12.72% of the total marine fish landing of Malaysia. In terms of area of landing, West Coast of Peninsular Malaysia contributed 20.93%, East Coast of Peninsular Malaysia 51.28%, Sabah 2.07%, Labuan 4.74% and Sarawak 20.98% of the total landing of the deep sea fisheries. In terms of fishing gears, trawlers landed 72.49%, the purse seiners landed 27.36% and, hook and lines landed 0.15% of the total landing of the deep sea fisheries. By value, the deep sea fisheries contributed RM268.77 million in 1994 which was 10.40% of the total marine fish landing value of Malaysia. The value of deep sea fisheries decreased by 0.23% (from RM269.40 million in 1993 to RM268.77 million in 1994). In terms of fishing gears, trawlers contributed 64.76% (RM174.06 million) purse seines 34.95% (RM93.95 million) and, hook and lines 0.29% (RM0.77 million) of the total value of deep sea fisheries.

6.4.2 The total landing of deep sea fisheries decreased by 6.88% (from 145,549 tonnes in 1993 to 135,536 tonnes in 1994). Apart from Labuan, other areas showed a decrease in the landing of the deep sea fisheries. Labuan deep sea fisheries increase by 126.14% (from 2,839 tonnes to 6,420 tonnes). The increase came mainly from the increase in the landing of the trawlers operating in Labuan in 1994 in comparison to 1993. Most of the states except Labuan and Kelantan showed a decrease in the number of licensed deep sea vessels. Kelantan licensed deep sea vessels number remained constant.

Table II

Malaysia
Landings of Deep Sea Fisheries by Gear Group, 1994
(Quantity in Tonnes)

	Trawl nets 70 GRT & above	Fish Purse Seine nets 70 GRT & above	Hooks and Lines 70 GRT & above	Total
West Coast of Peninsular Malaysia	20,738	7,632	0.00	28,370
East Coast of Peninsular Malaysia	44,478	25,028	0.00	69,506
Peninsular Malaysia	65,216	32,660	0.00	97,876
Sabah	167	2,524	120	2,811
Sarawak	28,429	0.00	0.00	28,429
Labuan Federal Territory	4,436	1,897	87	6,420
Total	98,248	37,081	207	135,536

Table III

Malaysia
Value of Deep Sea Fisheries by Gear Group, 1994
(Value in RM)

	Trawl nets 70 GRT & above	Fish Purse Seine nets 70 GRT & above	Hooks and Lines 70 GRT & above	Total
West Coast of Peninsular Malaysia	36,739,441	19,336,206	0	56,075,647
East Coast of Peninsular Malaysia	78,797,225	63,410,190	0	142,207,415
Peninsular Malaysia	115,536,666	82,746,396	0	198,283,062
Sabah	295,857	6,394,731	444,712	7,135,300
Sarawak	50,364,816	0	0	50,364,816
Labuan Federal Territory	7,858,818	4,805,182	322,416	12,987,416
Total	174,056,157	93,947,309	767,128	268,770,594

7. AQUACULTURE

- 7.1 Basically, the aquaculture industry in Malaysia comprises of freshwater and brackishwater culture. Freshwater culture is carried out in freshwater ponds, freshwater cages, cement tanks and ex-mining pools. On the other hand, brackishwater culture covers brackishwater ponds, brackishwater cages and mollusc culture comprising of cockle, mussel and oyster culture.
- 7.2 The total production of aquaculture, excluding ornamental fish production increased by 8.43% from 105,237.31 tonnes in 1993 to 114,113.71 tonnes in 1994. In terms of value, there was an increase of 24.71% from RM292.43 million in 1993 to RM364.70 million in 1994. While, the total production of ornamental fish increased by 20.61% from 188,871,525 pieces in 1993 to 227,790,460 pieces in 1994. In terms of value, the increase was 30.01% (from RM33.65 million in 1993 to RM43.75 million in 1994).

7.3 **Freshwater Culture**

- 7.3.1 The total production of freshwater culture increased by 20.24% from 15,467.59 tonnes in 1993 to 18,598.39 tonnes in 1994. The increase in production was attributed to the increase in all the production of freshwater pond culture system, ex-mining pools, freshwater cages and freshwater cement tanks culture. In terms of value, there was an increase of 11.90% from RM112.53 million in 1993 to RM125.92 million in 1994. Freshwater culture contributed 16.30% of the total aquaculture production in 1994 and in terms of value, it contributed 34.50% of the total aquaculture value in 1994.
- 7.3.2 Freshwater pond culture production was the highest in 1994, contributing 77.88% (14,484.31 tonnes) followed by production from ex-mining pool culture contributing 9.39% (1,747.21 tonnes), freshwater cage culture contributing 7.60% (1,413.06 tonnes) and freshwater cement tank culture contributing 5.13% (953.81 tonnes) of the total production of freshwater culture. A total of 14,443 culturists were involved in the freshwater pond culture covering an area of 6,552.62 hectares, 218 culturists involved in the freshwater culture in the ex-mining pools covering an area of 1,068.33 hectares; 868 culturists involved in the freshwater cage culture covering an area of 56,796.41 metres square, and 306 culturists involved in the freshwater cement tank culture covering an area of 48,263.63 metres square.
- 7.3.3 The production of freshwater pond culture in 1994 increased by 8.72% (from 13,323.19 tonnes to 14,484.31 tonnes). The value also increased by 5.02% (from RM103.83 million to RM109.04 million). The 3 main species cultured in freshwater ponds in Peninsular Malaysia in 1994 were eel, producing 3,353.81 tonnes followed by red tilapia, producing 2,467.63 tonnes and freshwater catfish producing 736.24 tonnes. In Sabah, 3 main species cultured in freshwater ponds were black tilapia producing 3,548.00 tonnes followed by red tilapia producing 1,022.00 tonnes and javanese carp producing 842.00 tonnes. In Sarawak, the 3 main species cultured in freshwater ponds were river carp producing 144.20 tonnes, followed by javanese carp producing 129.78 tonnes and red tilapia producing 115.36 tonnes. The average production for freshwater pond culture in 1994 was 2.21 tonnes/hectare/year.

- 7.3.4 The total production of ex-mining pool culture increased by 83.72% (from 951.03 tonnes in 1993 to 1,747.21 tonnes in 1994). The increase was due to the increase in the average production from 0.68 tonnes/hectare/year in 1993 to 1.61 tonnes/hectare/year in 1994. The value also increased by 92.51% (from RM3.07 million to RM5.91 million). The 3 main species cultured in the ex-mining pools were big head carp, which constituted 37.78% (660.17 tonnes), red tilapia which constituted 21.14% (369.38 tonnes) and grass carp which constituted 15.08% (263.43 tonnes) of the total species cultured in the ex-mining pools.
- 7.3.5 The total production of freshwater cage culture increased by 79.89% (from 785.53 tonnes in 1993 to 1,413.06 tonnes in 1994). The increase in production was due to the increase in the area of culture as well as the average production. There was an increase in the area of production from 48,693.27 metres square in 1993 to 56,796.41 metres square in 1994. The average production also increased from 16.13 kilograms/metre square/year in 1993 to 24.88 kilograms/metre square/year in 1994. The 3 main species cultured were red tilapia which constituted 54.19% (765.77 tonnes), river catfish (*Pangasius pangasius*) which constituted 28.93% (408.73 tonnes) and river catfish (*Mystus nemurus*) which constituted 10.72% (151.50 tonnes) of the total production of the freshwater cage culture.
- 7.3.6 The total production of freshwater culture in cement tanks increased by 133.87% (from 407.84 tonnes in 1993 to 953.81 tonnes in 1994). This is due to the increase in area of production as well as productivity. The area of production increased by 35.66% (from 34,793.72 metres square to 48,263.63 metres square). The average production increased from 11.72 kilograms/metre square/year in 1993 to 19.76 kilograms/metre square/year. The value increased by 113.48% (from RM1.78 million to RM3.80 million). The 2 main species cultured were red tilapia constituting 89.72% (855.74 tonnes) and freshwater catfish constituting 9.35% (89.16 tonnes) of the total production of freshwater culture in cement tanks.

7.4 Brackishwater Culture

7.4.1 The total production of brackishwater culture increased by 6.40% from 89,769.72 tonnes in 1993 to 95,515.32 tonnes in 1994. The increase in production came from cockle culture and fish from brackishwater pond culture. The brackishwater pond culture increased by 42.56% (from 4,601.43 tonnes to 6,559.88 tonnes) and cockle production increased by 5.89% (from 77,755.00 tonnes to 82,335.04 tonnes). There was a decrease in the production of brackishwater cages, oyster culture and mussel culture. Oyster culture decreased by 39.81% (from 37.13 tonnes to 22.35 tonnes) while mussel culture production decreased by 17.99% (from 1,181.91 tonnes to 969.24 tonnes) and brackishwater cages culture decreased by 9.13% (from 6,194.25 tonnes to 5,628.81 tonnes). In terms of value, the brackishwater culture showed an increase of 32.92% (from RM179.90 million in 1993 to RM239.13 million in 1994).

7.4.2 The number of culturists involved in brackishwater pond culture were 787 with an area of culture of 2,447.34 hectares, while the number of culturists involved in brackishwater cage culture were 923 with an area of culture 679,438.75 metres square. The number of culturists involved in cockle culture were 269 with an area of culture 4,640.35 hectares. The number of culturists involved in mussel culture were 183 with an area of culture 72,469.44 metres square and the number of culturists involved in oyster culture were 146 with an area of culture 121,382.06 metres square.

7.4.3 In 1994, cockle production was still the highest amongst the brackishwater culture production contributing 86.20% (82,335.04 tonnes) of the total production of brackishwater culture. While the brackishwater pond culture contributed 6.87% (6,559.80 tonnes), brackishwater cage culture 5.89% (5,628.81 tonnes), mussel culture 1.02% (969.24 tonnes) and oyster culture 0.02% (22.35 tonnes). However, in terms of value, brackishwater pond culture contributed the highest i.e. 51.28% (RM122.63 million) followed by brackishwater cage culture 34.07% (RM81.46 million), cockle culture 14.39% (RM34.40 million), mussel culture 0.16% (RM0.39 million) and oyster culture 0.10% (RM0.23 million).

7.4.4 The main species cultured in the brackishwater ponds was still tiger prawn producing 88.26% (5,789.46 tonnes) of the total production of brackishwater pond culture. Other species cultured were banana prawn, barramundi/sea bass, grouper, mud

crab and other miscellaneous species which comprised 11.74% (770.42 tonnes) of the total production of the brackishwater pond culture. It was observed that tiger prawn production increased significantly by 47.04% (from 3,937.43 tonnes to 5,789.46 tonnes). The average productivity also increased from 2.45 tonnes/hectare/year in 1993 to 2.68 tonnes/hectare/year in 1994. The area of culture at the same time increased by 30.33% (from 1,877.82 hectares to 2,447.34 hectares). For the year 1994, the productivity ranging from the lowest productivity of 1.06 tonnes/hectare/year for the state of Terengganu to the highest productivity of 22.16 tonnes/hectare/year from the state of Perlis.

- 7.4.5 The production of brackishwater pond culture increased in all the states except Selangor. The production from Perlis increased by 184.47% (from 33.03 tonnes to 93.96 tonnes), Perak 98.05% (from 619.12 tonnes to 1,226.15 tonnes), Kelantan 96.79% (from 73.89 tonnes to 145.41 tonnes), Sabah 77.78% (from 900.00 tonnes to 1,600.00 tonnes), Malacca 28.47% (from 38.53 tonnes to 49.50 tonnes), Negeri Sembilan 19.96% (from 94.40 tonnes to 113.24 tonnes), Kedah 15.60% (from 507.90 tonnes to 587.11 tonnes), Terengganu 13.80% (from 48.13 tonnes to 54.77 tonnes), Johore 13.74% (from 697.98 tonnes to 793.89 tonnes), Penang 12.56% (from 504.01 tonnes to 567.32 tonnes) and Sarawak 6.61% (from 46.90 tonnes to 50.00 tonnes). Selangor on the other hand decreased its brackishwater pond production by 9.65% (from 1,030.51 tonnes to 931.06 tonnes). This was due to disease occurrence as well as environmental problems.
- 7.4.6 In terms of value, there was an increase in the brackishwater ponds culture production by 68.94% (from RM72.59 million to RM122.63 million). The increase came mainly from tiger prawn production i.e an increase of RM45.51 million (from RM66.06 million to RM111.57 million). The total value of tiger prawn production constituted 90.98% of the total value of the brackishwater pond production value.
- 7.4.7 The 3 main species cultured in brackishwater cages were barramundi/sea bass contributing 46.09% (2,594.20 tonnes) followed by mangrove snapper contributing 23.78% (1,338.62 tonnes) and grouper 16.53% (930.71 tonnes) of the total production of the brackishwater cage culture. The barramundi/sea bass production in cages showed a decrease of 31.79% (from 3,803.41 tonnes to 2,594.20 tonnes) while

mangrove snapper increased by 59.24% (from 840.63 tonnes to 1,338.62 tonnes) and grouper decreased by 7.43% (from 1,005.41 tonnes to 930.71 tonnes). It was observed that mangrove snapper has gained popularity over grouper over the years. The culture area of brackishwater cages increased by 1.67% (from 668,260.00 metres square to 679,438.75 metres square). However, the average production decreased from 9.27 kilograms/metre square/year to 8.28 kilograms/metre square/year. This was due to diseases and pollution problem in some states. The total production of brackishwater cage culture was shown to increase in Sarawak by 841.18% (from 3.40 tonnes to 32.00 tonnes), Kedah by 76.34% (from 66.96 tonnes to 118.08 tonnes), Kelantan 35.15% (from 27.51 tonnes to 37.18 tonnes), Terengganu 34.61% (from 5.23 tonnes to 7.04 tonnes) and Johore 10.39% (from 732.76 tonnes to 808.90 tonnes). However, Pahang decreased its production by 79.18% (from 4.13 tonnes to 0.86 tonnes), Penang 23.74% (from 1,538.67 tonnes to 1,173.36 tonnes), Malacca 23.60% (from 10.93 tonnes to 8.35 tonnes) Perak 14.53% (from 1,844.15 tonnes to 1,576.12 tonnes), Perlis 6.44% (from 17.38 tonnes to 16.26 tonnes) and Selangor 4.39% (from 1,200.33 tonnes to 1,147.66 tonnes). There was no production in Negri Sembilan in 1994 due to the cages not being active. The overall total production of brackishwater cages decreased by 9.13% (from 6,194.25 tonnes to 5,628.81 tonnes). However, the total production value increased by 2.21% (from RM79.70 million to RM81.46 million).

7.4.8 The total production of cockle was 82,335.04 tonnes in 1994 with a value of RM34.40 million. The 3 main states that produced cockles were Perak 61.80% (50,880.90 tonnes), Selangor 18.90% (15,564.48 tonnes) and Penang 17.58% (14,477.27 tonnes) of the total production of cockles. The other 3 states i.e Sabah, Johore and Kedah that produced cockles contributed 1.72% (1,412.39 tonnes) of the total production of cockles.

7.4.9 There was a decrease in mussel and oyster culture production in 1994 by 17.99% (from 1,181.91 tonnes to 969.24 tonnes) and 39.81% (from 37.13 tonnes to 22.35 tonnes) respectively. The value of mussel and oyster culture production also decreased by 12.77% (from RM0.47 million to RM0.41 million) and 34.29% (from RM0.35 million to RM0.23 million) respectively. The decrease in production of mussels and oysters were due to the insufficient supply of mussels' and oysters' seeds.

However, in the other main producing state of Kedah, there was an increase in market demand as well as an increase in production by 111.65% (from 3.69 tonnes to 7.81 tonnes).

- 7.4.10 Johore was the main state which produced mussel in 1994. The production of mussel in Johore constituted 88.39% (856.72 tonnes) of the total production of mussel in Malaysia. However, there was a decrease in mussel production in Johore by 21.29% (from 1,088.41 tonnes to 856.72 tonnes).

7.5 Ornamental Fish

- 7.5.1 The total production of ornamental fish increased by 20.61% from 188,871,525 pieces in 1993 to 227,790,460 pieces in 1994. In terms of value, the increase was 30.01% (from RM33.65 million in 1993 to RM43.75 million in 1994). Johore remained as the main producer of ornamental fish contributing 148,118,412 pieces which was 65.02% of the total production of ornamental fish in 1994. This was followed by Perak which contributed 45,558,092 pieces which was 20.00%, Selangor 22,779,046 pieces which was 10.00% and Penang 11,012,400 pieces which was 4.83% of the total production of ornamental fish in 1994. The two main groups of produced were Cyprinids contributing 45.39% (Goldfish and Koi 26.74%, Barb and Danio 18.65%) and Poeciliids contributing 17.86% of the total production of the ornamental fish.

8. PUBLIC WATER BODIES/INLAND FISHERIES

- 8.1 Public water bodies/inland fisheries refers to the landing of fish from public waterbodies resources i.e rivers, lakes, ex-mining pools and dams. The production of public waterbodies/inland fisheries increased by 4.69% from 1,971.38 tonnes in 1993 to 2,063.90 tonnes in 1994. Penang, Kedah, Perlis, Kelantan, Perak, Negeri Sembilan and Pahang showed an increase in production by 1,640.72%, 68.34%, 57.89%, 38.67%, 20.22%, 8.11% and 4.56% respectively.

PETA, CARTA DAN GRAF
MAPS, CHARTS AND GRAPHS

DAERAH-DAERAH PERIKANAN

FISHERIES DISTRICTS

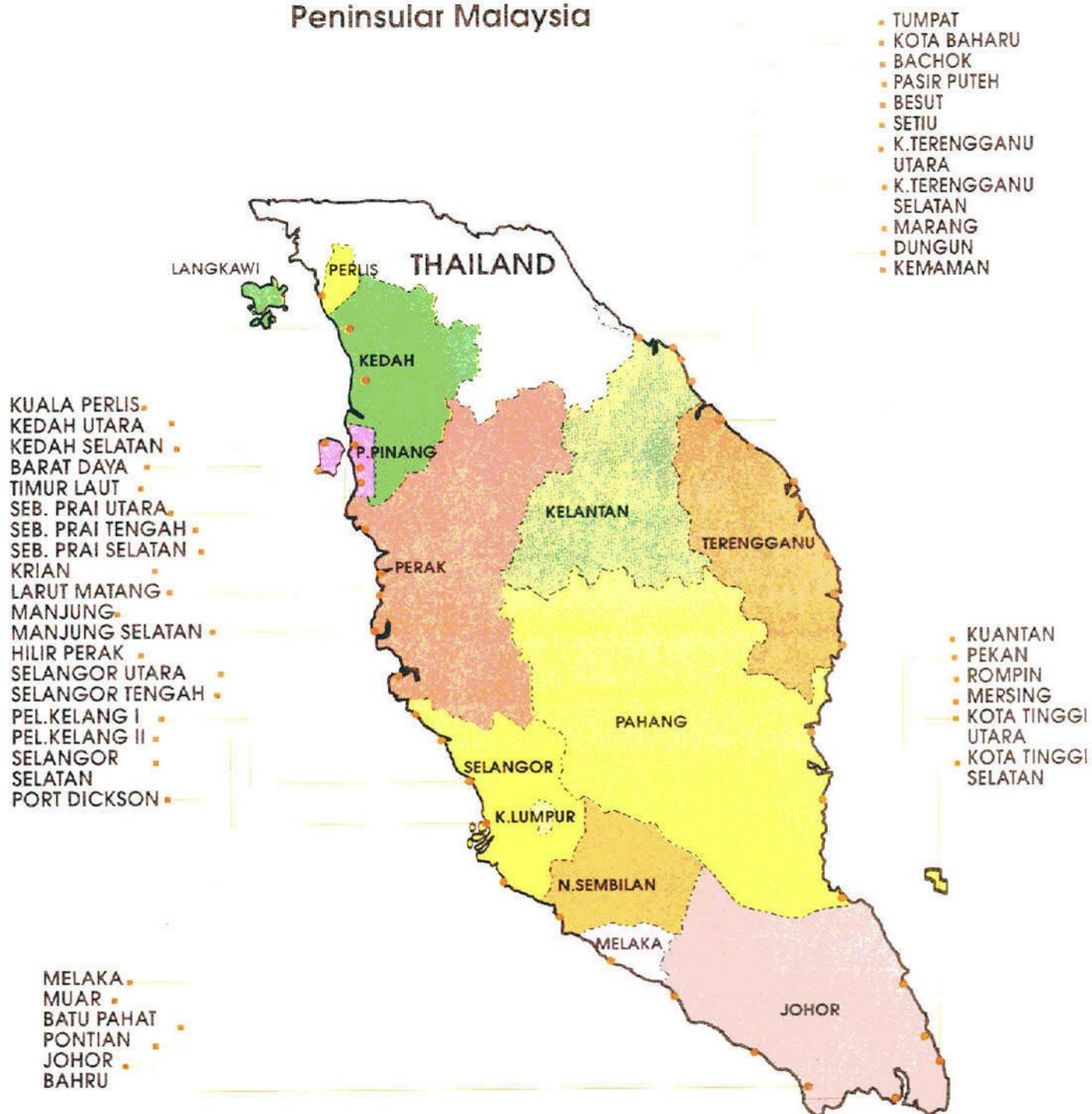
MALAYSIA

MALAYSIA - DAERAH- DAERAH PERIKANAN

Malaysia - Fisheries Districts

SEMANANJUNG MALAYSIA

Peninsular Malaysia



SARAWAK

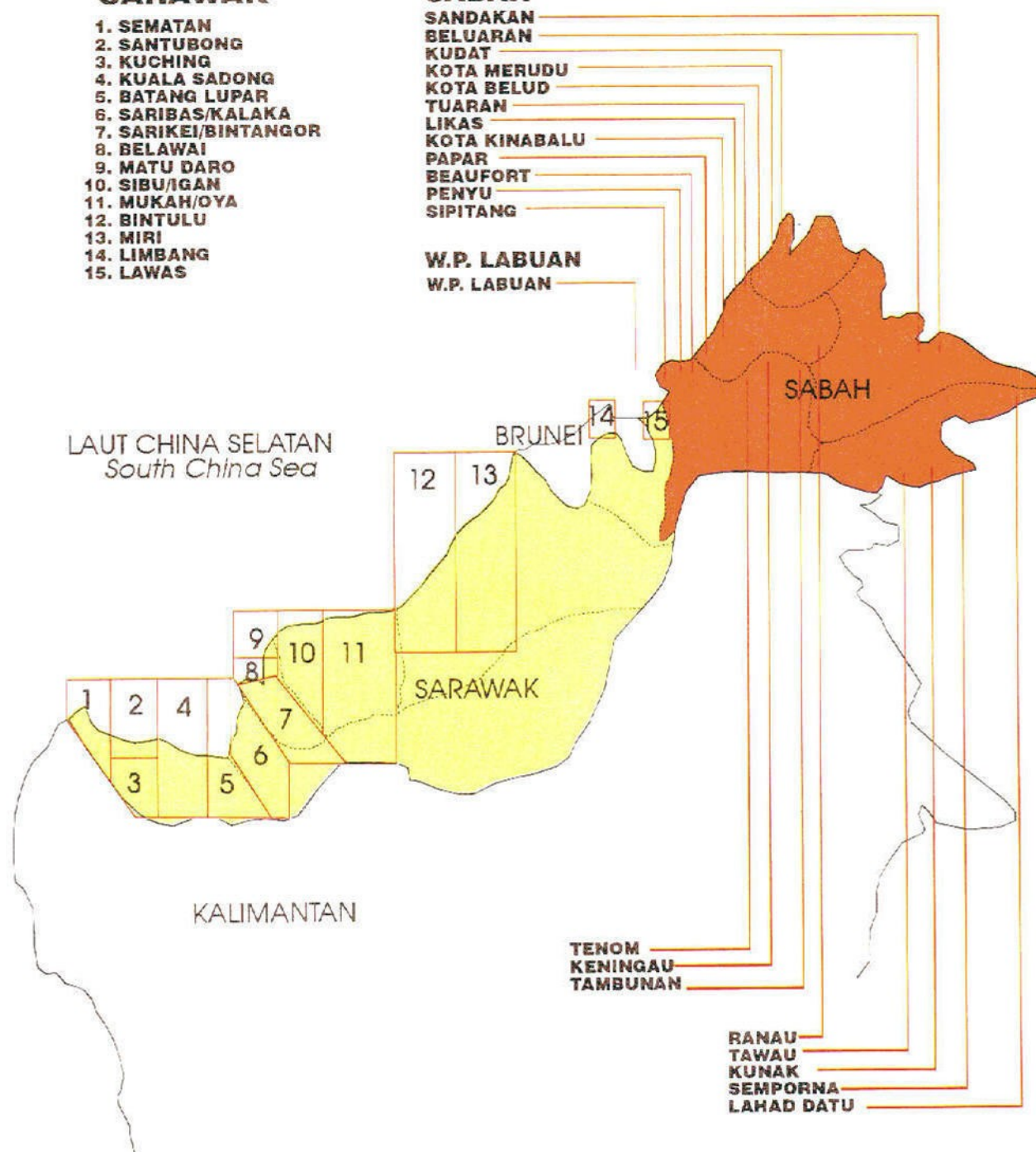
1. SEMATAN
2. SANTUBONG
3. KUCHING
4. KUALA SADONG
5. BATANG LUPAR
6. SARIBAS/KALAKA
7. SARIKEI/BINTANGOR
8. BELAWAI
9. MATU DARO
10. SIBU/IGAN
11. MUKAH/OYA
12. BINTULU
13. MIRI
14. LIMBANG
15. LAWAS

SABAH

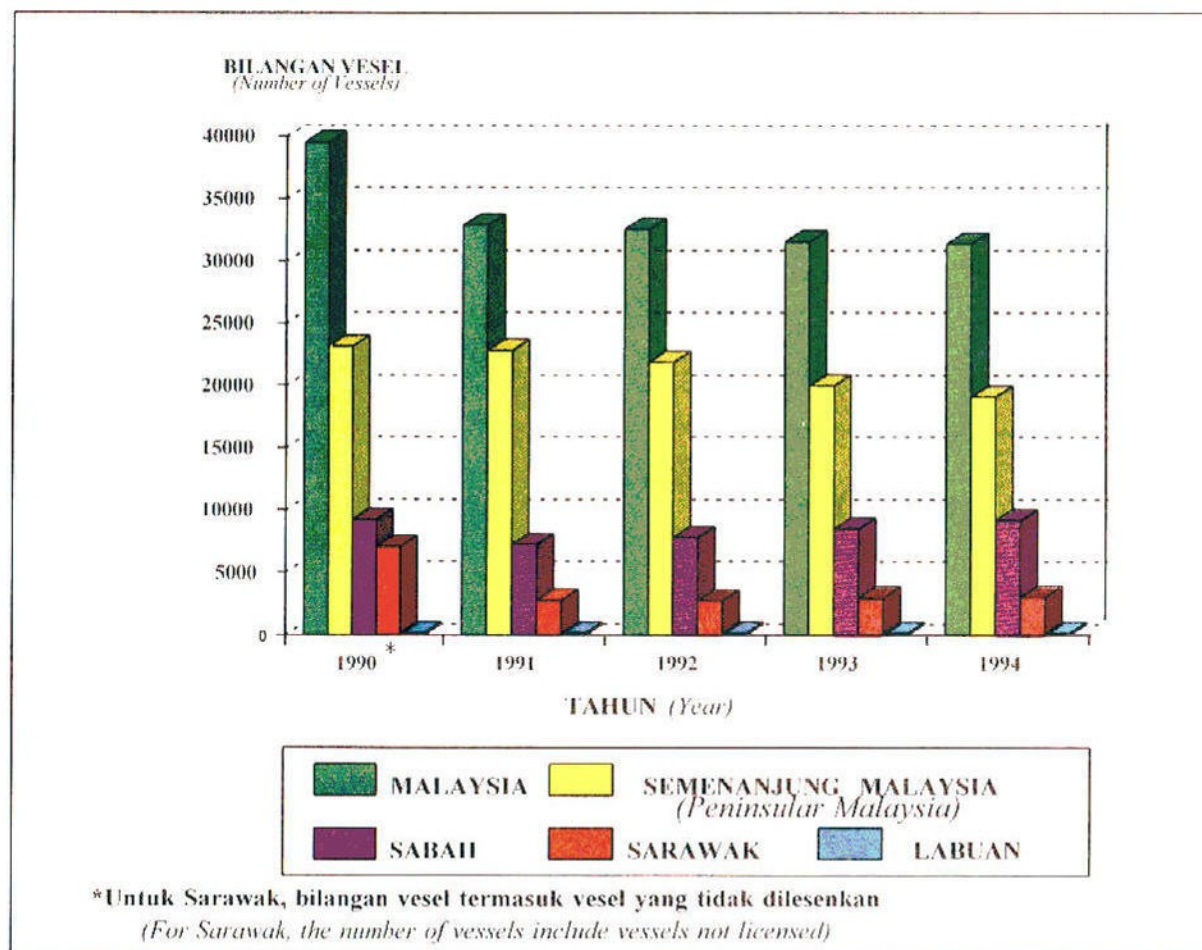
- SANDAKAN
- BELUARAN
- KUDAT
- KOTA MERUDU
- KOTA BELUD
- TUARAN
- LIKAS
- KOTA KINABALU
- PAPAR
- BEAUFORT
- PENYU
- SIPITANG

W.P. LABUAN

W.P. LABUAN

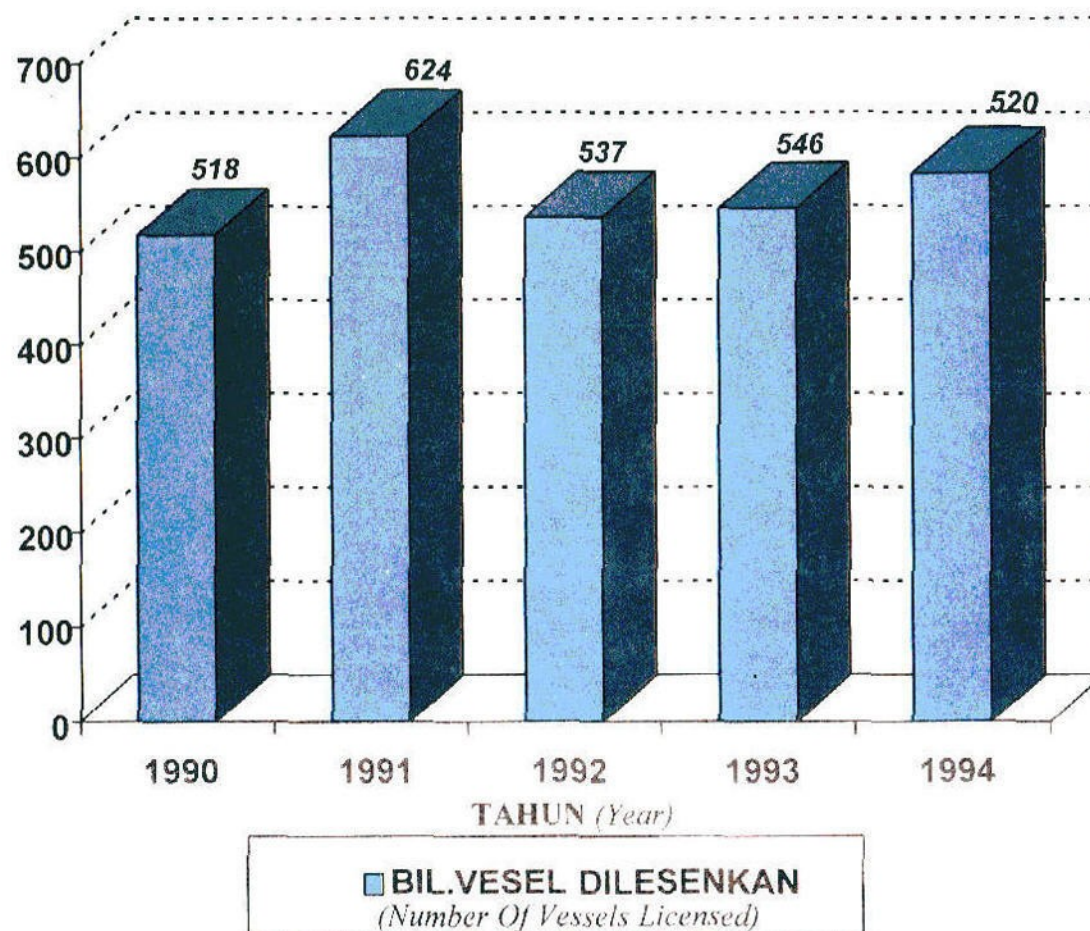


BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN, 1990-1994
(Number Of Fishing Vessels Licensed, 1990-1994)
MALAYSIA



BILANGAN VESEL-VESEL LAUT DALAM YANG DILESENKAN, 1990-1994
(Number Of Deep-Sea Vessels Licensed, 1990-1994)
MALAYSIA

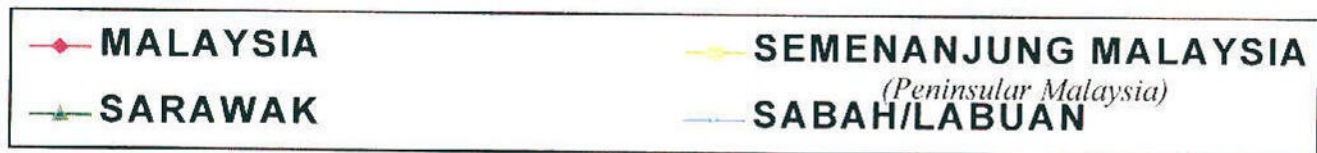
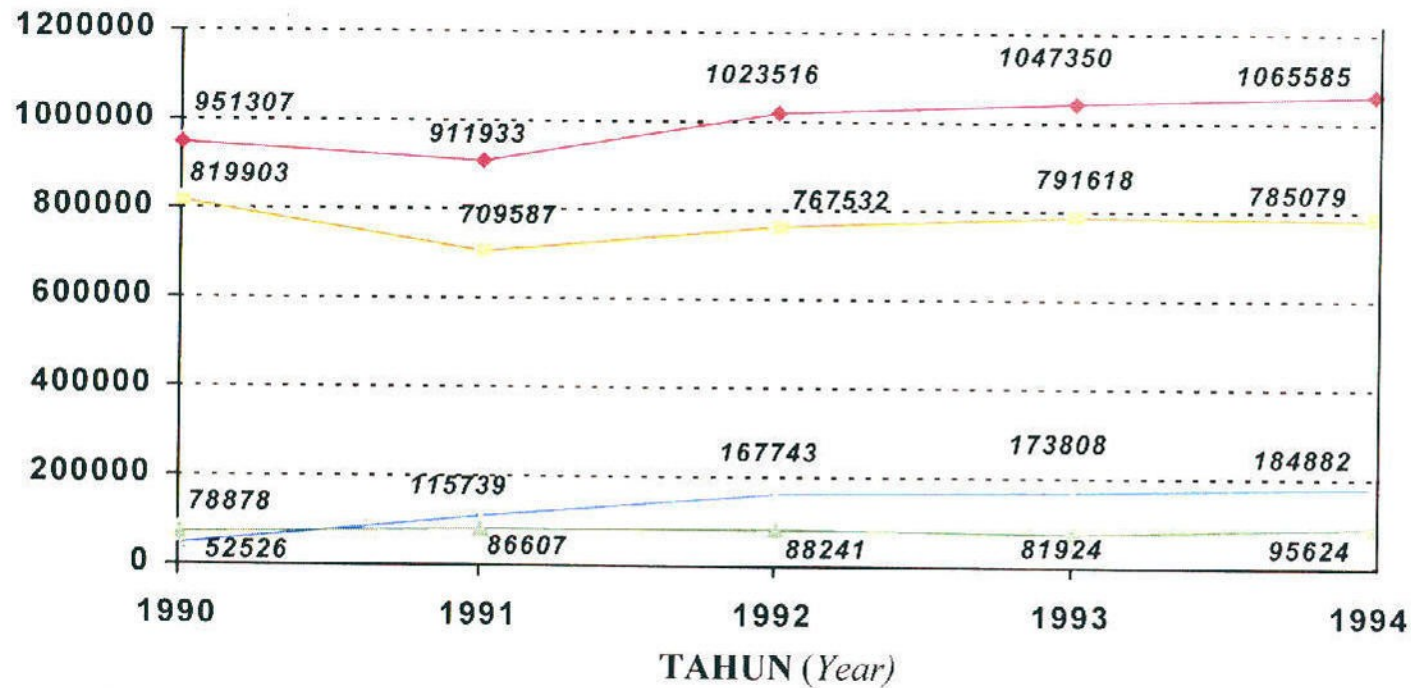
BILANGAN VESEL
(Number of Vessels)



ARAH ALIRAN PENDARATAN IKAN LAUT, 1990-1994
(Trend Of Marine Fish Landings, 1990-1994)
MALAYSIA

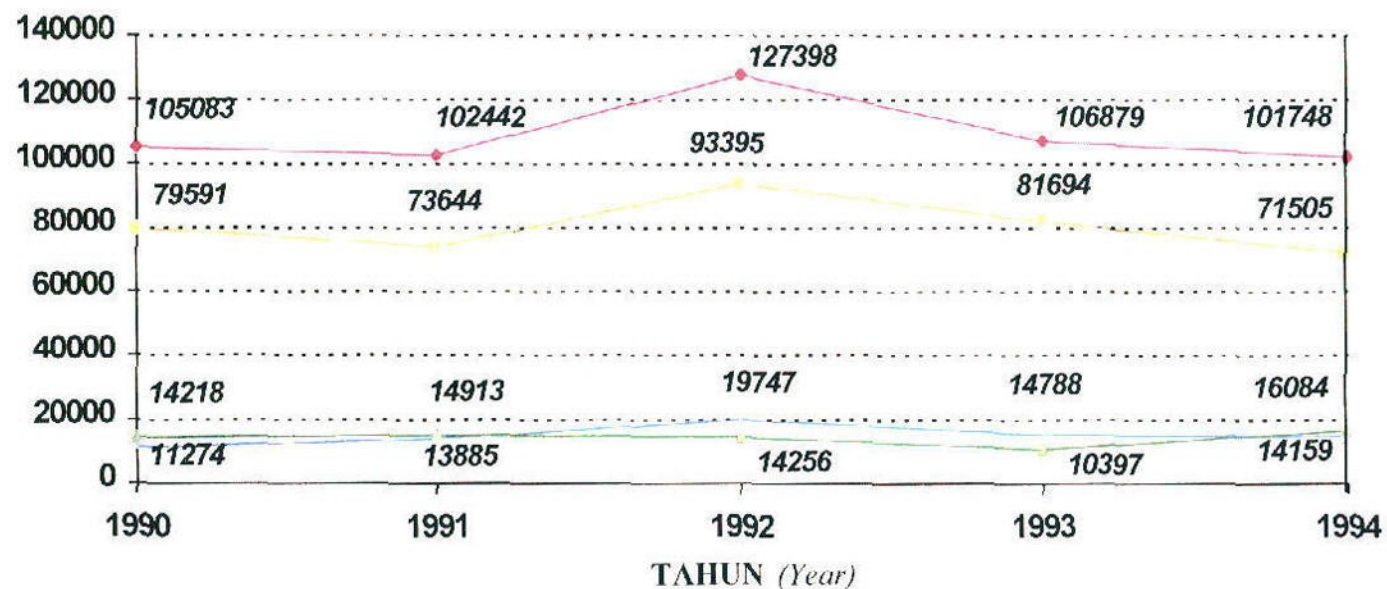
CARTA III
 CHART

KUANTITI DALAM TAN METRIK
(Quantity in Tonnes)



ARAH ALIRAN PENDARATAN UDANG, 1990-1994 (Trend Of Prawn Landings, 1990-1994) **MALAYSIA**

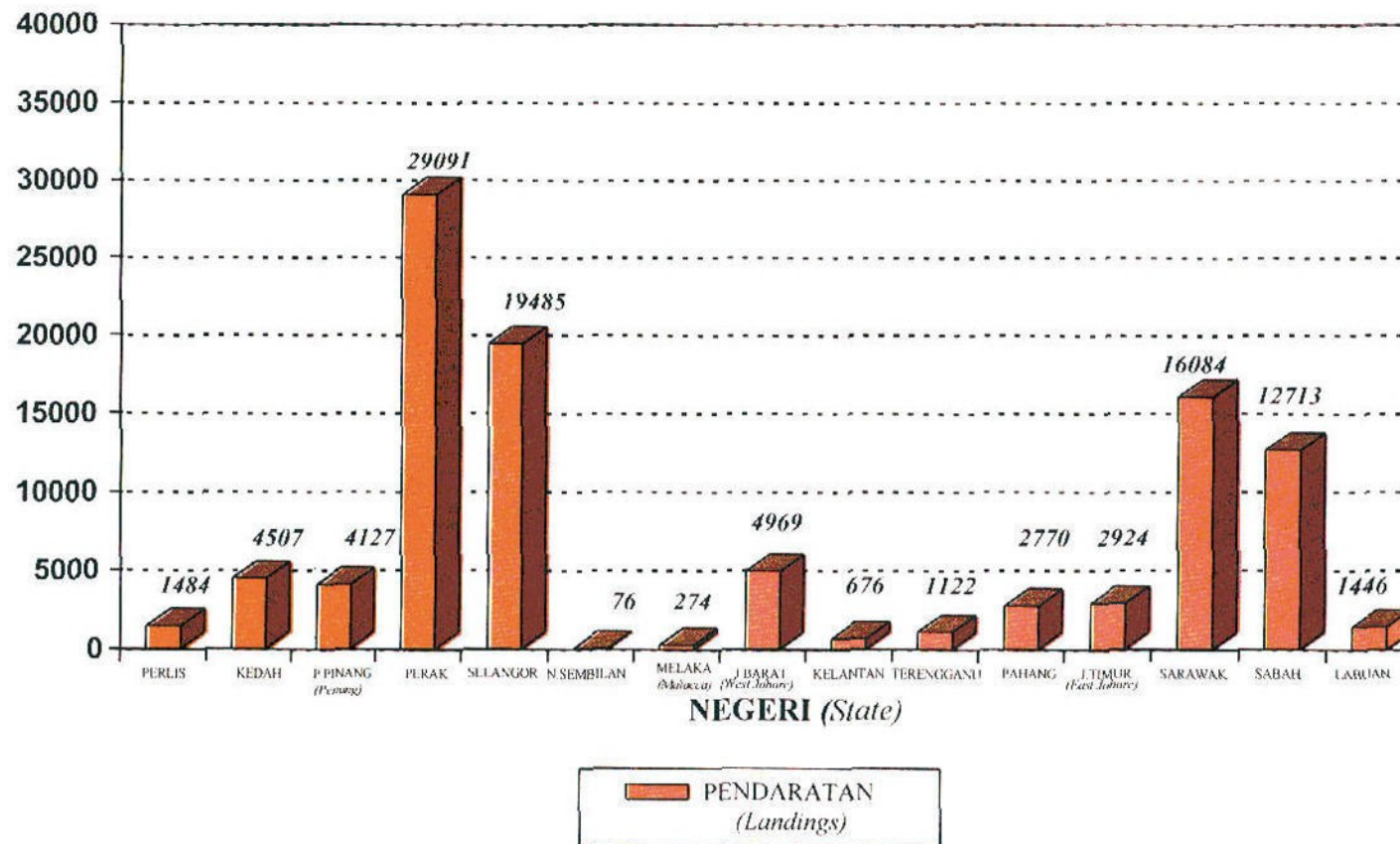
KUANTITI DALAM TAN METRIK
(Quantity in Tonnes)



PENDARATAN UDANG, 1994
(Prawn Landings, 1994)
MALAYSIA

CARTA V
 CHART

KUANTITI DALAM TAN METRIK
(Quantity in Tonnes)



PENDARATAN PUKAT TUNDA, 1990-1994

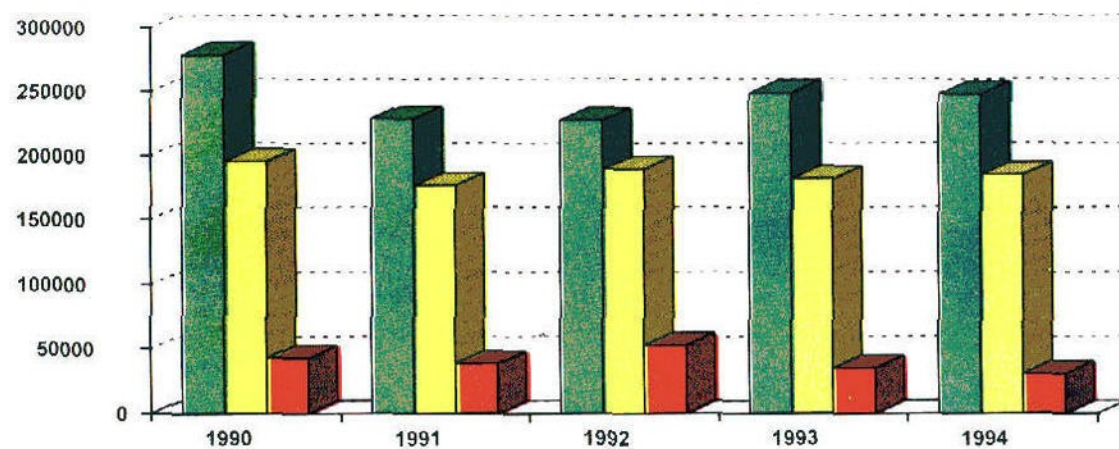
(Trawl Landings, 1990-1994)

SEMENANJUNG MALAYSIA

(Peninsular Malaysia)

KUANTITI DALAM TAN METRIK

(Quantity in Tonnes)



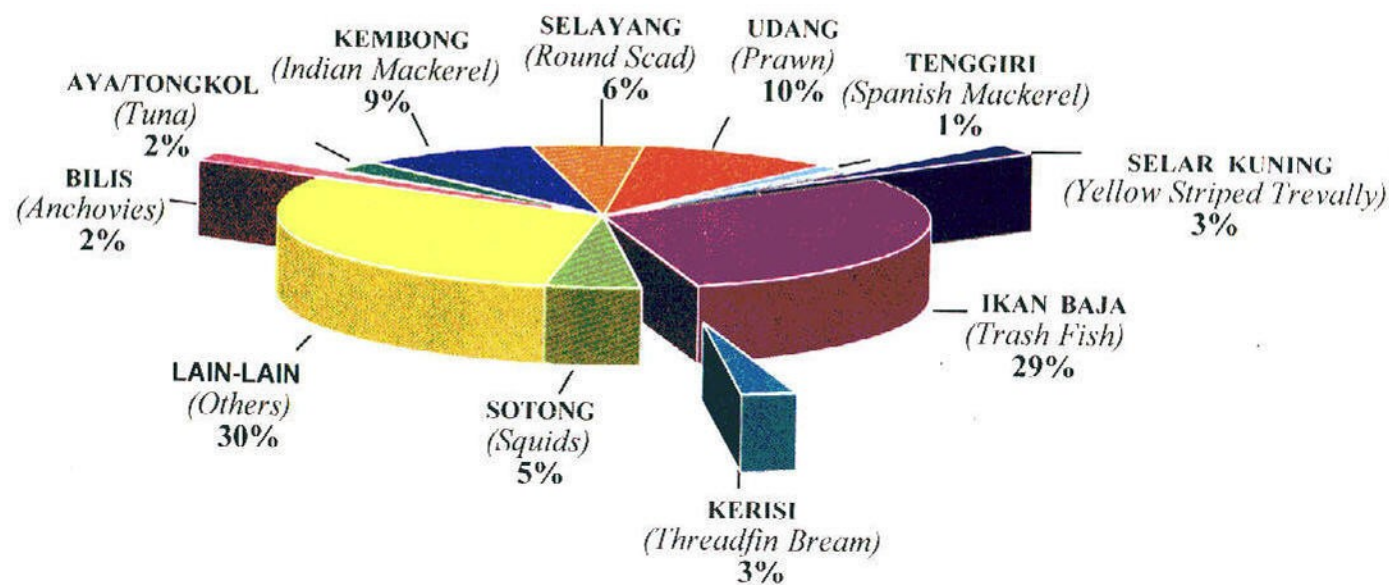
TAHUN (Year)

IKAN BAJA
(Trash Fish)

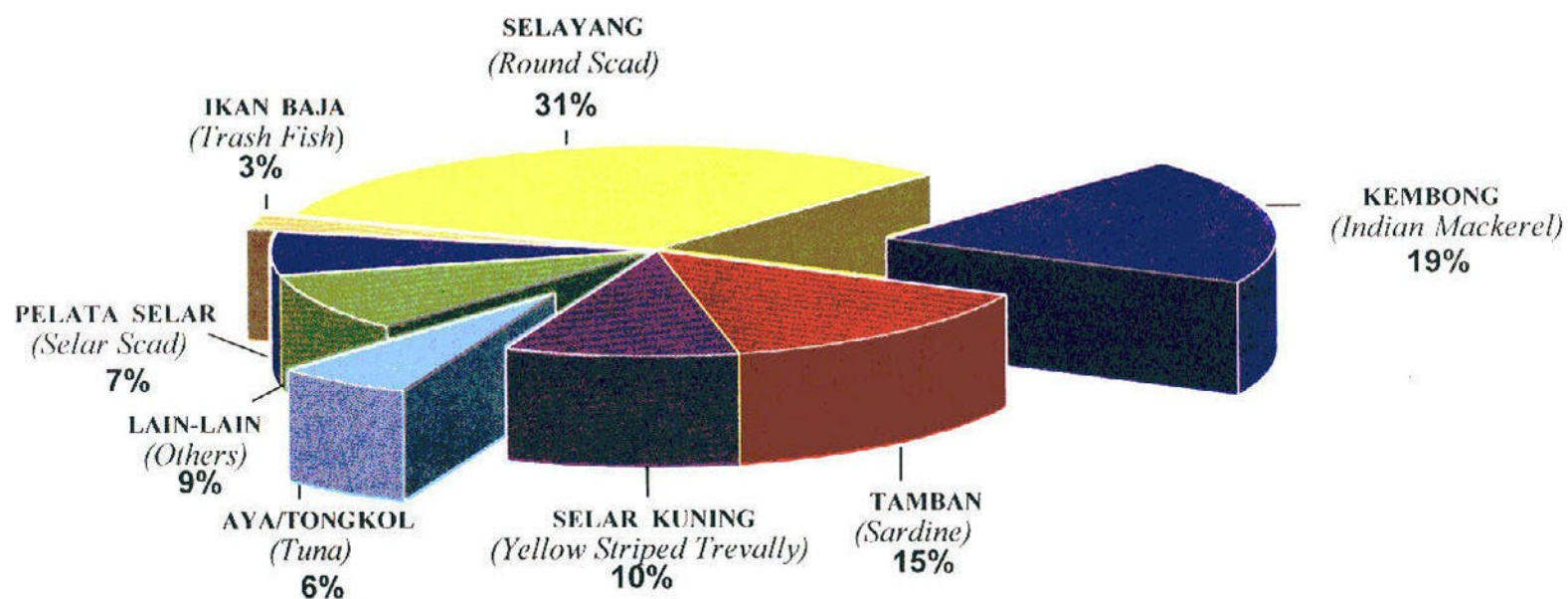
IKAN
(Fish)

UDANG
(Prawns)

PENDARATAN IKAN LAUT MENGIKUT SPESIES UTAMA, 1994
(Landings Of Marine Fish By Main Species, 1994)
MALAYSIA



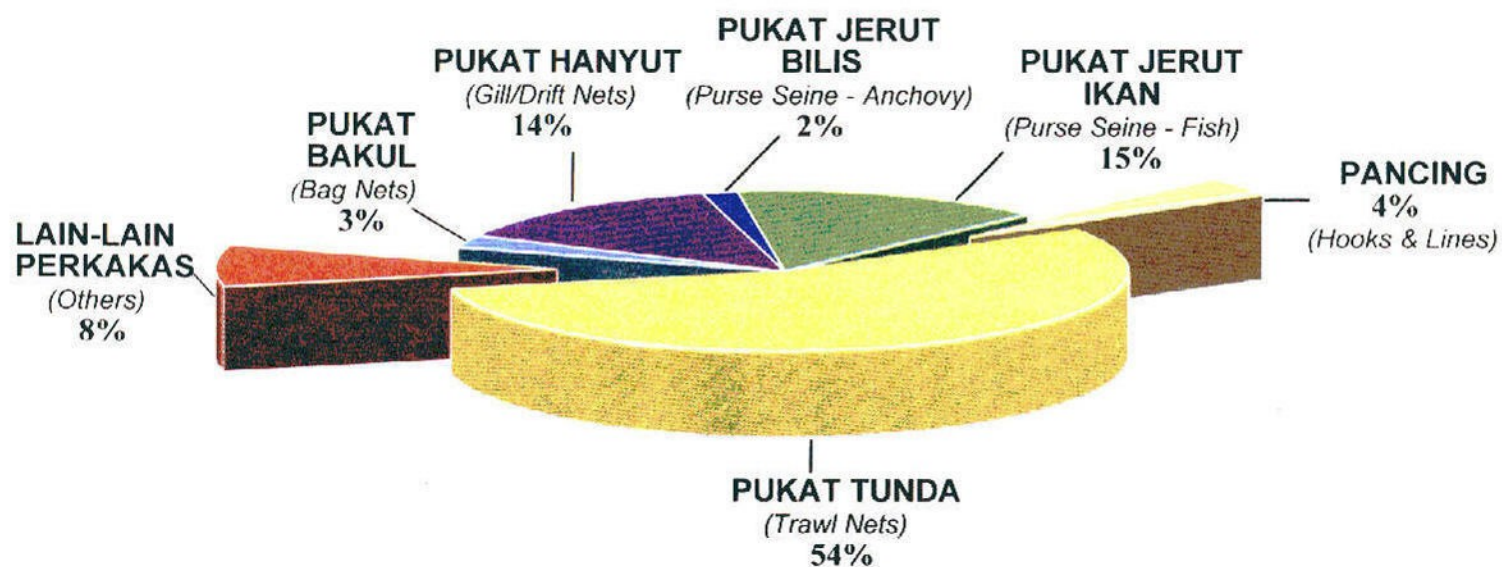
PENDARATAN PUKAT JERUT IKAN MENGIKUT SPESIES UTAMA, 1994
(Purse-Seine Fish Landings By Main Species, 1994)
MALAYSIA



PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 1994

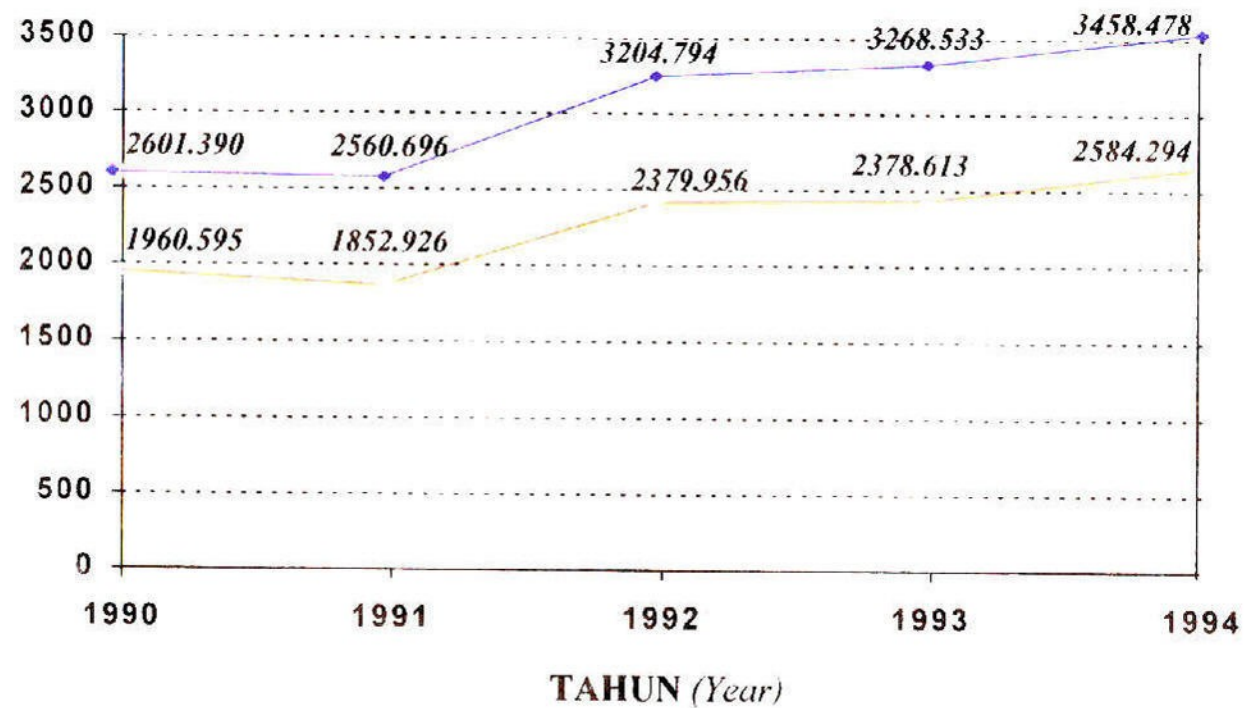
(Landings Of Marine Fish By Gear Group, 1994)

MALAYSIA



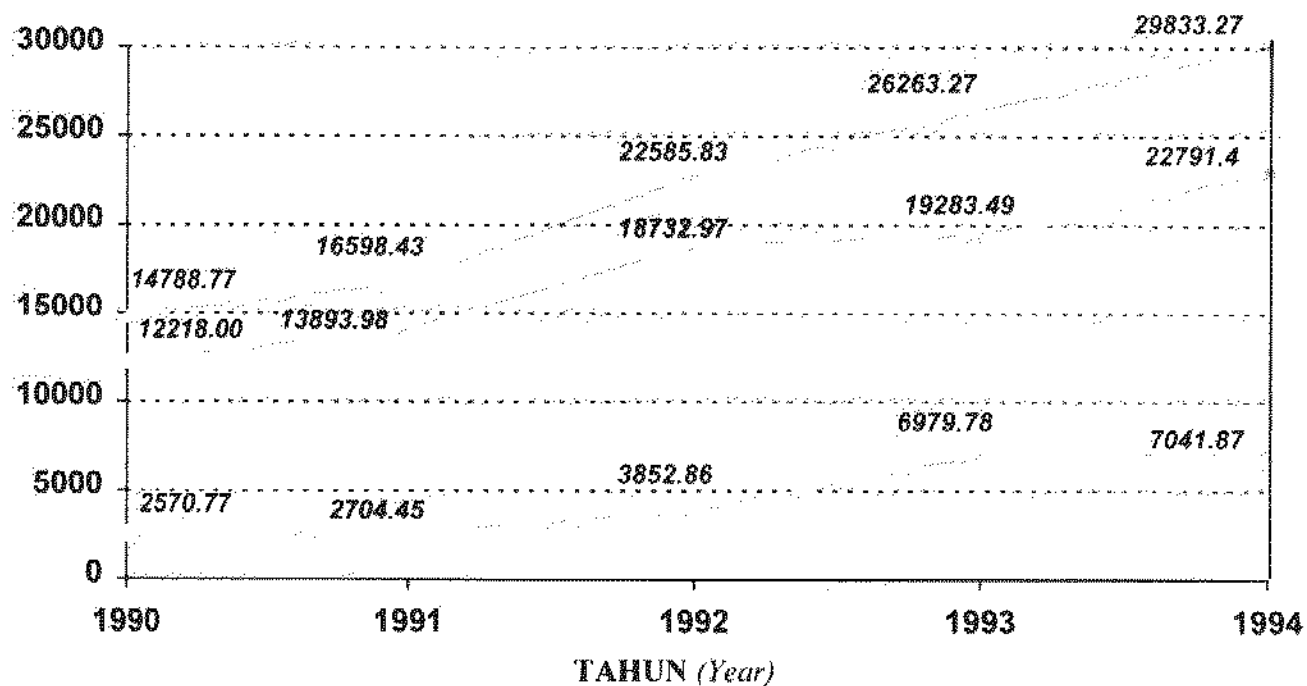
ARAH ALIRAN NILAI PASARAN IKAN LAUT, 1990-1994 (Trend Of Market Values Of Marine Fish, 1990-1994) **MALAYSIA**

NILAI DALAM RM JUTA
(Value in RM Million)



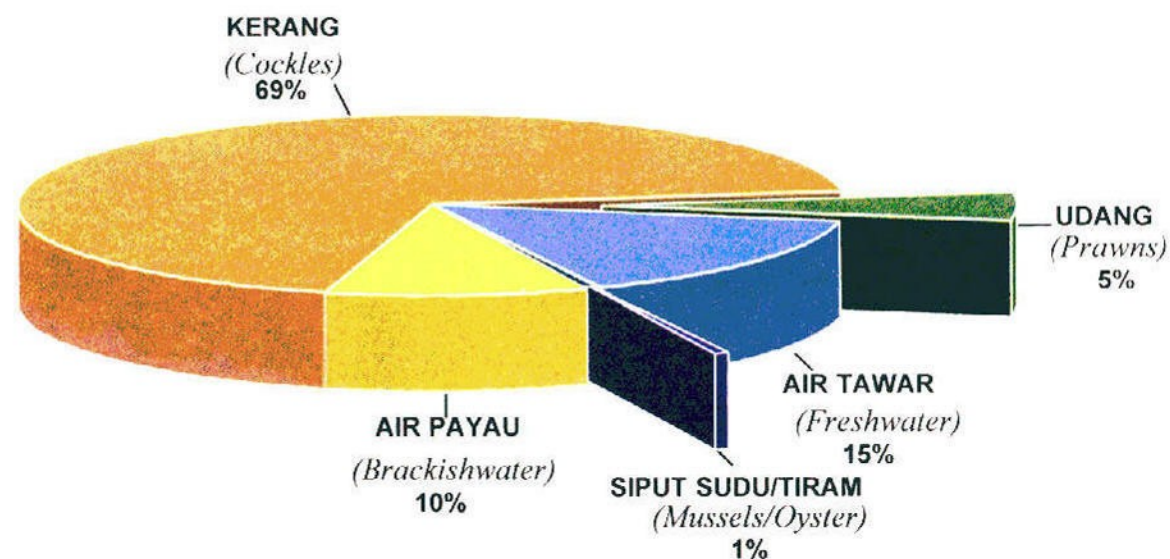
ARAH ALIRAN PENGELUARAN TERNAKAIR, 1990-1994
(Trend Of Aquaculture Production, 1990-1994)
MALAYSIA

KUANTITI DALAM TAN METRIK
(Quantity in Tonnes)



KOLAM/B.LOMBONG/T.SIMEN (Ponds/Ex-Mining Pools/Cement Tanks)
 SANGKAR (Cages)
 JUMLAH (Total)

PENGELUARAN TERNAKAIR MENGIKUT JENIS TERNAKAN, 1994
(Production Of Aquaculture By Type Of Culture, 1994)
MALAYSIA



JADUAL
TABLES

PERIKANAN LAUT
MARINE FISHERIES

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL-VESEL BERLESEN, 1994
NUMBER OF FISHERMEN WORKING IN LICENSED VESSELS, 1994

JADUAL (TABLE) 1.1

Negeri State Keturunan/ Ethnic Group	Pantai Barat/West Coast								Jumlah Kecil Sub- Total	Pantai Timur/East Coast				Jumlah Kecil Sub- Total	Sarawak Sabah W.P. Labuan, Federal Territory			Jumlah Kecil Sub- Total	Jumlah Besar Grand Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore						
Bumiputera Bumiputeras	2,277	4,327	737	1,196	565	85	801	1,857	11,845	2,584	7,595	3,249	2,339	15,767	6,425	14,624	186	21,235	48,847
Cina Chinese	167	666	1,590	6,546	4,821	178	284	1,662	15,914	2	33	730	1,305	2,070	891	218	67	1,176	19,160
India Indians	0	0	38	118	56	19	1	2	234	1	0	8	6	15	0	0	0	0	249
Portugis Portuguese	0	0	0	2	0	0	55	0	57	0	0	0	0	0	0	0	0	0	57
Thai Thais	1,635	949	6	0	0	0	0	0	2,590	1,009	1,505	757	323	3,594	0	0	0	0	6,184
Indonesia Indonesians	0	0	0	0	0	6	93	0	99	0	0	2	0	2	0	0	0	0	101
Lain-Lain Others	0	0	0	0	0	3	2	0	5	0	0	2	1	3	0	4,977	219	5,196	5,204
Jumlah Besar Grand Total	4,079	5,942	2,371	7,862	5,442	291	1,236	3,521	30,744	3,596	9,133	4,748	3,974	21,451	7,316	19,819	472	27,607	79,802

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

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL-VESEL BERLESEN MENGIKUT KUMPULAN PERKAKAS DAN NEGERI, 1994
NUMBER OF FISHERMEN WORKING IN LICENSED VESSELS BY GEAR GROUP AND STATE, 1994

JADUAL (TABLE) 1.2

Negeri State	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Kelantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub- Total	Sarawak	Sabah	W.P. Labuan Labuan Federal Territory	Jumlah Kecil Sub- Total	Jumlah Besar Grand Total
Pukat Tunda <i>Trawl Nets</i>	765	1,849	274	3,070	2,119	0	0	681	584	1,055	1,454	1,218	13,069	2,514	4,539	71	7,124	20,193
Pukat Tarik/Seine Nets:																		
Pukat Jerut Ikan <i>Purse Seine-Fish</i>	2,623	242	202	456	143	0	0	0	1,578	3,664	1,561	1,112	11,581	299	1,724	121	2,144	13,725
Pukat Jerut Bilis <i>Purse Seine-Anchovy</i>	0	1,565	0	133	0	0	0	0	38	375	295	0	2,406	0	0	0	0	2,406
Lain-Lain <i>Other Seines</i>	1	56	362	1,157	14	2	6	14	66	40	8	4	1,730	3	211	0	214	1,944
Pukat Hanyut <i>Gill/Drift Nets</i>	655	2,060	1,422	2,364	2,430	246	1,131	2,423	871	1,184	556	1,283	16,625	3,436	6,014	99	9,549	26,174
Pukat Tangguk <i>Lift Nets</i>	10	37	0	0	0	0	0	1	34	140	67	10	299	0	1,199	0	1,199	1,498
Perangkap/Traps:																		
Belat-Belat <i>Stationary</i>	0	2	0	0	1	0	4	42	0	0	0	26	75	39	360	20	419	494
Bubu <i>Portable</i>	4	4	1	82	6	24	0	95	44	444	302	47	1,053	1	172	7	180	1,233
Pancing <i>Hooks & Lines</i>	21	33	49	193	100	16	86	56	381	2,157	472	257	3,821	283	4,171	126	4,580	8,401
Pukat Bakul <i>Bag Nets</i>	0	37	47	99	365	0	0	95	0	0	0	14	657	475	0	0	475	1,132
Pukat Surung <i>Push/Scoop Nets</i>	0	0	3	0	0	0	0	15	0	0	0	0	18	184	0	28	212	230
Pukat Rentang <i>Barrier Nets</i>	0	23	0	0	52	0	9	40	0	0	0	1	125	82	81	0	163	288
Memungut Siput <i>Shellfish Collection</i>	0	0	0	132	9	0	0	0	0	0	0	0	141	0	236	0	236	377
Pembawa Ikan <i>Fish Carriers</i>	0	30	0	65	185	0	0	0	0	74	27	0	381	0	0	0	0	381
Rampaian <i>Miscellaneous</i>	0	4	11	111	18	3	0	59	0	0	6	2	214	0	1,112	0	1,112	1,326
Jumlah/Total	4,079	5,942	2,371	7,862	5,442	291	1,236	3,521	3,596	9,133	4,748	3,974	52,195	7,316	19,819	472	27,607	79,802

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DIATAS VESEL YANG DILESENKAN
MENGIKUT DAERAH-DAERAH PERIKANAN, 1994
NUMBER OF FISHERMEN WORKING IN LICENSED FISHING VESSELS
BY FISHERIES DISTRICTS, 1994

Daerah-Daerah Perikanan <i>Fisheries Districts</i>	Nelayan-Nelayan/Fishermen				
	Bumiputera <i>Bumiputeras</i>	Cina <i>Chinese</i>	India <i>Indians</i>	Lain-Lain <i>Others</i>	Jumlah <i>Total</i>
SEMANANJUNG MALAYSIA <i>PENINSULAR MALAYSIA</i>					
1) Kuala Perlis	2,277	167	0	1,635	4,079
2) Langkawi	727	26	0	837	1,590
3) Kedah Utara	1,914	574	0	31	2,519
4) Kedah Selatan	1,686	66	0	81	1,833
5) Timur Laut/P.Pinang	164	305	18	6	493
6) Barat Daya/P.Pinang	206	545	2	0	753
7) Seberang Prai Utara	36	24	0	0	60
8) Seberang Prai Tengah	79	41	0	0	120
9) Seberang Prai Selatan	252	675	18	0	945
10) Krian	320	1,762	8	0	2,090
11) Larut & Matang	151	1,741	4	0	1,896
12) Manjong	607	1,624	106	2	2,339
13) Hilir Perak	118	1,419	0	0	1,537
14) Selangor Utara	144	1,822	2	0	1,968
15) Selangor Tengah	116	937	5	0	1,058
16) Pelabuhan Klang I	5	1,091	0	0	1,096
17) Pelabuhan Klang II	152	654	6	0	812
18) Selangor Selatan	148	317	43	0	508
19) Port Dickson	85	178	19	9	291
20) Melaka	801	284	1	150	1,236
21) Muar	452	304	2	0	758
22) Batu Pahat	299	449	0	0	748
23) Pontian	476	770	0	0	1,246
24) Johor Bahru	630	139	0	0	769
25) Pengerang	364	366	1	0	731
26) Sedeli	666	291	5	182	1,144
27) Mersing	1,309	648	0	142	2,099
28) Kuantan	1,624	482	8	748	2,862
29) Pekan	1,036	50	0	6	1,092
30) Kuala Rompin	589	198	0	7	794
31) Kemaman	1,415	5	0	61	1,481
32) Dungun	1,085	3	0	5	1,093
33) Marang	1,054	0	0	45	1,099
34) Kuala Terengganu Utara	904	3	0	28	935
35) Kuala Terengganu Selatan	1,323	9	0	301	1,633
36) Besut	1,489	0	0	1,065	2,554
37) Setiu	325	13	0	0	338
38) Kota Bharu	944	0	0	523	1,467
39) Bachok & Pasir Putih	728	0	1	444	1,173
40) Tumpat	912	2	0	42	956
Jumlah Kecil <i>Sub-Total</i>	27,612	17,984	249	6,350	52,195

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

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

Daerah-Daerah Perikanan Fisheries Districts	Nelayan-Nelayan/Fishermen				
	Bumiputera Bumiputeras	Cina Chinese	India Indians	Lain-Lain Others	Jumlah Total
SARAWAK					
1) B. Kuching	1,043	308	0	0	1,351
2) Santubong	224	25	0	0	249
3) Pendam (Sadong Jaya)	278	15	0	0	293
4) Sematan	107	13	0	0	120
5) Sebuyau (Batang Lupar)	406	15	0	0	421
6) Kabong (Saribas/Kalaka)	362	14	0	0	376
7) Sibul/Igan	456	228	0	0	684
8) Sarikei/Bitangor	215	94	0	0	309
9) Mukah/Oya	938	14	0	0	952
10) Belawai	384	12	0	0	396
11) Matu Daro	302	31	0	0	333
12) Bintulu	568	47	0	0	615
13) Miri	619	75	0	0	694
14) Limbang	107	0	0	0	107
15) Lawas	416	0	0	0	416
Jumlah Kecil/Sub-Total	6,425	891	0	0	7,316
SABAH					
1) Tawau	895	61	0	549	1,505
2) Semporna	709	0	0	1,724	2,433
3) Kunak	243	49	0	253	545
4) Lahad Datu	434	0	0	224	658
5) Sandakan	2,182	3	0	1,391	3,576
6) Baluran	1,451	0	0	0	1,451
7) Kudat	1,561	11	0	304	1,876
8) Kota Marudu	817	3	0	5	825
9) Pitas	791	0	0	0	791
10) Kota Belud	1,290	0	0	0	1,290
11) Tuaran	525	0	0	0	525
12) Kota Kinabalu	1,495	46	0	351	1,892
13) Papar	427	4	0	33	464
14) Beaufort	568	2	0	0	570
15) Kuala Penyu	988	39	0	143	1,170
16) Sipitang	248	0	0	0	248
Jumlah Kecil/Sub-Total	14,624	218	0	4,977	19,819
W.P. LABUAN/LABUAN F.T.*					
1) Kg. Bebuloh	58	7	0	0	65
2) Kg. Ranca-Ranca	18	0	0	0	18
3) Kg. Lubok Temiang	14	0	0	2	16
4) Kg. Batu Manikar	7	0	0	0	7
5) Kg. Tg. Aru	6	0	0	0	6
6) Kg. Miri/Lada/Pagar	15	0	0	0	15
7) Kg. Patau-Patau	42	0	0	21	63
8) Lain-Lain Kampong	26	60	0	196	282
Jumlah Kecil/Sub-Total	186	67	0	219	472
Jumlah Besar/Grand Total	48,847	19,160	249	11,546	79,802

* Nota: Kawasan Kampong Nelayan

* Note: Refers To Various Fishing Villages

MALAYSIA
BILANGAN KRU ASING YANG DILULUSKAN BEKERJA DIATAS VESEL MENANGKAP IKAN MENGIKUT NEGERI, 1994
NUMBER OF APPROVED FOREIGN CREWS WORKING ON FISHING VESSEL BY STATE, 1994

JADUAL (TABLE) 1.4

Negeri State Keturunan/ Ethnic Group	Pantai Barat/West Coast								Jumlah Kecil Sub- Total	Pantai Timur/East Coast				Jumlah Kecil Sub- Total	Sarawak Sabah W.P. Labuan			Jumlah Besar Grand Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore					
Thai Thais	875	794	0	1	1	0	0	0	1,671	946	1,797	672	417	3,832	1	0	35	5,539
Indonesia Indonesians	0	0	0	0	1	0	0	0	1	0	0	7	0	7	0	0	1	9
Lain-Lain Others	0	0	0	0	0	0	0	0	0	0	0	7	0	7	0	0	91	98
Jumlah Besar Grand Total	875	794	0	1	2	0	0	0	1,672	946	1,797	686	417	3,846	1	0	127	5,646

Nota: Bilangan yang diluluskan tidak semestinya menggambarkan bilangan kru asing yang bekerja diatas vesel menangkap ikan berlesen.

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

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KELAS MUATAN, 1994
NUMBER OF LICENSED FISHING VESSELS BY STATE AND TONNAGE CLASS, 1994

Jenis Type Negeri State	Jumlah Total	Vesel Tidak Berjentera Non- Powered	Vesel Berjentera Sangkut Outboard- Powered	Vesel Berjentera Dalam/Inboard-Powered								
				Jumlah Kecil Sub-Total	0-4.9 GRT	5-9.9 GRT	10-14.9 GRT	15-19.9 GRT	20-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Ke atas (& Above)
Pantai Barat/West Coast:												
Perlis	650	1	88	561	106	114	38	62	50	103	60	28
Kedah	1,655	5	512	1,138	342	230	54	66	67	193	122	64
Pulau Pinang/Penang	1,294	14	744	536	71	346	1	0	0	76	39	3
Perak	3,992	92	595	3,305	669	1,209	384	465	95	134	279	70
Selangor	2,473	102	232	2,139	66	1,235	220	225	94	170	126	3
Negeri Sembilan	147	1	96	50	6	41	3	0	0	0	0	0
Melaka/Malacca	801	27	583	191	11	174	5	0	1	0	0	0
Johor Barat/West Johore	2,425	132	1,343	950	148	496	76	175	46	9	0	0
<i>Jumlah/Total</i>	13,437	374	4,193	8,870	1,419	3,845	781	993	353	685	626	168
Pantai Timur/East Coast:												
Kelantan	980	0	169	811	320	125	151	91	17	42	41	24
Terengganu	2,236	7	39	2,190	378	672	448	342	111	111	68	60
Pahang	1,107	9	156	942	75	305	178	45	32	80	109	118
Johor Timur/East Johore	1,328	34	430	864	103	258	129	33	8	117	157	59
<i>Jumlah/Total</i>	5,651	50	794	4,807	876	1,360	906	511	168	350	375	261
Malaysia:												
Semenanjung Malaysia/ Peninsular Malaysia	19,088	424	4,987	13,677	2,295	5,205	1,687	1,504	521	1,035	1,001	429
Sarawak	3,041	7	901	2,133	483	630	408	116	125	112	127	132
Sabah	9,144	2,597	3,939	2,608	270	1,228	428	207	163	250	53	9
W. Persekutuan Labuan/ Labuan, F.Territory	130	0	109	21	0	1	0	0	0	2	6	12
<i>Jumlah/Total</i>	31,403	3,028	9,936	18,439	3,048	7,064	2,523	1,827	809	1,399	1,187	582

Nota/Note: GRT - Gross Relative Tonnage

JADUAL (TABLE) 2.2

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KUASA KUDA, 1994
NUMBER OF LICENSED FISHING VESSELS BY STATE AND HORSEPOWER, 1994

Negeri/ State Kuasa Kuda/ Horsepower Of Engine	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Jumlah Kecil Sub- Total	Kelantan	Terengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub- Total	Sarawak	Sabah	W.P. Labuan	Jumlah Kecil Sub- Total	Jumlah Besar Grand- Total
Enjin Dalam/ Inboard-Powered																			
Kurang dari 5 k.k. (Under 5 h.p.)	1	22	0	19	4	0	0	9	55	31	42	4	3	80	29	50	0	79	214
5 - 9 k.k. (h.p.)	20	102	3	48	7	0	12	70	262	238	130	17	8	393	358	140	0	498	1,153
10 - 19 "	92	236	23	216	147	13	105	143	975	94	467	123	157	841	496	150	1	647	2,463
20 - 39 "	117	188	54	357	869	30	74	301	1,990	274	907	419	263	1,863	620	150	0	770	4,623
40 - 59 "	45	59	228	1,679	23	3	0	55	2,092	14	150	21	21	206	131	550	0	681	2,979
60 - 99 "	21	27	110	277	74	3	0	113	625	19	202	21	35	277	164	250	2	416	1,318
100 - 149 "	40	68	1	59	301	1	0	76	546	33	91	16	38	178	76	270	0	346	1,070
150 - 249 "	169	243	84	248	354	0	0	145	1,243	49	99	54	83	285	138	600	4	742	2,270
250 k.k. ke atas (250 h.p. & above)	56	193	33	402	360	0	0	38	1,082	59	102	267	256	684	121	448	14	583	2,349
Jumlah Kecil Sub-Total	561	1,138	536	3,305	2,139	50	191	950	8,870	811	2,190	942	864	4,807	2,133	2,608	21	4,762	18,439
Enjin Sangkut/ Outboard-Powered																			
Kurang dari 5 k.k. (Under 5 h.p.)	12	91	223	288	34	24	72	387	1,131	98	16	31	96	241	46	200	0	246	1,618
5 - 9 k.k. (h.p.)	75	367	191	164	110	21	235	530	1,693	69	10	93	185	357	182	300	11	493	2,543
10 - 19 "	0	45	162	83	50	35	214	250	839	1	9	26	80	116	74	1,500	21	1,595	2,550
20 - 39 "	1	7	151	59	36	15	61	143	473	1	3	6	59	69	184	1,600	30	1,814	2,356
40 - 59 "	0	2	17	1	2	1	1	33	57	0	1	0	10	11	339	300	33	672	740
60 - 99 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	39	12	127	127
100 - 149 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
150 - 249 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250 k.k. ke atas (250 h.p. & above)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jumlah Kecil Sub-Total	88	512	744	595	232	96	583	1,343	4,193	169	39	156	430	794	901	3,939	109	4,949	9,936
Jumlah Besar Grand Total	649	1,650	1,280	3,900	2,371	146	774	2,293	13,063	980	2,229	1,098	1,294	5,601	3,034	6,547	130	9,711	28,375

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN BERLESEN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1994
NUMBER OF LICENSED FISHING VESSELS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1994

JADUAL (TABLE) 2.3

Jenis Dan Kelas Muatan/ Type And Tonnage Class Kumpulan Perkakas/ Gear Group	Jumlah Besar Grand Total	Tiada Berjentera Non- Powered	Berjentera Sangkut Out-Board Powered	Jumlah Kecil Sub- Total	SEM. MALAYSIA (PEN. MALAYSIA):Vesel Berjentera Dalam (Inboard-powered)								Bilangan Vesel/No. of Vessels		
					0 - 4.99 GRT	5 - 9.99 GRT	10 - 14.99 GRT	15 - 19.99 GRT	20 - 24.99 GRT	25 - 39.9 GRT	40 - 69.9 GRT	70 GRT & ke atas (& Above)	SARAWAK	SABAH	W.P. LABUAN
Pukat Tunda/Trawl Nets	6,061	0	0	4,076	21	155	654	1,036	391	882	708	229	557	1,419	9
Pukat Tarik/Seine Nets:															
Pukat Jerut Ikan Purse Seine-Fish	843	0	0	615	0	8	21	40	29	108	271	138	26	193	9
Pukat Jerut Bilis Purse Seine-Anchovy	140	0	0	140	0	11	32	16	5	4	16	56	0	0	0
Lain-Lain/Other Seines	879	20	146	653	124	516	9	2	2	0	0	0	1	59	0
Pukat Hanyut Gill/Drift Nets	15,891	217	4,174	5,617	1,516	3,417	489	144	33	17	1	0	1,956	3,879	48
Pukat Tangguk/Lift Nets	337	0	19	99	15	42	34	7	1	0	0	0	0	210	9
Perangkap/Traps:															
Belat-Belat (Stationary)	175	3	42	5	2	3	0	0	0	0	0	0	15	101	9
Bubu (Portable)	678	7	72	340	22	132	105	50	23	8	0	0	1	254	4
Pancing/Hooks & Lines	4,028	33	265	1,585	340	664	325	209	35	10	2	0	59	2,044	42
Pukat Bakul/Bag Nets	726	11	72	315	129	183	1	0	0	2	0	0	328	0	0
Pukat Surung Push/Scoop Nets	43	1	17	0	0	0	0	0	0	0	0	0	25	0	0
Pukat Rentang Barrier Nets	193	8	38	19	1	15	3	0	0	0	0	0	73	55	0
Memungut Siput Shellfish Collection	289	1	10	115	98	17	0	0	0	0	0	0	0	163	0
Pembawa Ikan Fish Carriers	170	90	13	67	14	27	13	0	2	3	2	6	0	0	0
Rampaian/Miscellaneous	950	33	119	31	13	15	1	0	0	1	1		0	767	0
Jumlah/Total	31,403	424	4,987	13,677	2,295	5,205	1,687	1,504	521	1,035	1,001	429	3,041	9,144	130

Nota/Note: GRT - Gross Relative Tonnage

JADUAL (TABLE) 2.4

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT
DAERAH-DAERAH PERIKANAN, 1994
NUMBER OF LICENSED FISHING VESSELS BY FISHERIES DISTRICTS, 1994

Daerah-Daerah Perikanan <i>Fisheries Districts</i>	Vesel-Vesel Menangkap Ikan (Fishing Vessels)			
	Berjentera Dalam <i>Inboard</i>	Berjentera Sangkut <i>Outboard</i>	Tidak Berjentera <i>Non-Powered</i>	Jumlah <i>Total</i>
SEMANANJUNG MALAYSIA <i>PENINSULAR MALAYSIA</i>				
1) Kuala Perlis	561	88	1	650
2) Langkawi	192	162	1	355
3) Kedah Utara	686	84	2	772
4) Kedah Selatan	260	266	2	528
5) Timur Laut/P.Pinang	73	195	4	272
6) Barat Daya/P.Pinang	167	336	4	507
7) Seberang Prai Utara	21	12	0	33
8) Seberang Prai Tengah	12	92	2	106
9) Seberang Prai Selatan	263	109	4	376
10) Krian	1,008	168	29	1,205
11) Larut & Matang	976	96	15	1,087
12) Manjong	724	245	34	1,003
13) Hilir Perak	597	86	14	697
14) Selangor Utara	687	37	0	724
15) Selangor Tengah	534	16	13	563
16) Pelabuhan Klang I	471	3	0	474
17) Pelabuhan Klang II	245	111	86	442
18) Selangor Selatan	202	65	3	270
19) Port Dickson	50	96	1	147
20) Melaka	191	583	27	801
21) Muar	191	210	43	444
22) Batu Pahat	310	125	18	453
23) Pontian	444	306	16	766
24) Johor Bahru	5	702	55	762
25) Pengerang	113	412	33	558
26) Sedeli	279	14	1	294
27) Mersing	472	4	0	476
28) Kuantan	456	42	6	504
29) Pekan	319	92	3	414
30) Kuala Rompin	167	22	0	189
31) Kemaman	462	3	2	467
32) Dungun	352	1	0	353
33) Marang	241	3	1	245
34) Kuala Terengganu Utara	284	29	2	315
35) Kuala Terengganu Selatan	369	3	1	373
36) Besut	372	0	0	372
37) Setiu	110	0	1	111
38) Kota Bharu	192	90	0	282
39) Bachok & Pasir Putih	314	27	0	341
40) Tumpat	305	52	0	357
Jumlah Kecil <i>Sub-Total</i>	13,677	4,987	424	19,088

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

Daerah-Daerah Perikanan <i>Fisheries Districts</i>	Vesel-Vesel Menangkap Ikan (Fishing Vessels)			
	Berjentera Dalam <i>Inboard</i>	Berjentera Sangkut <i>Outboard</i>	Tidak Berjentera <i>Non-Powered</i>	Jumlah Total
SARAWAK				
1) B. Kuching	282	2	2	286
2) Santubong	113	11	0	124
3) Pendam (Sadong Jaya)	224	40	0	264
4) Sematan	29	30	0	59
5) Sebayau (B. Lupar)	261	31	0	292
6) Kabong (Saribas/Kalaka)	282	8	0	290
7) Sibuligan	133	23	1	157
8) Sarikei/Bitangor	91	18	0	109
9) Mukah/Oya	154	124	0	278
10) Belawai	171	22	0	193
11) Matu Dara	163	45	3	211
12) Bintulu	102	64	0	166
13) Miri	128	120	1	249
14) Limbang	0	107	0	107
15) Lawas	0	256	0	256
Jumlah Kecil/Sub-Total	2,133	901	7	3,041
SABAH				
1) Tawau	128	340	298	766
2) Semporna	526	210	354	1,090
3) Kunak	27	49	29	105
4) Lahad Datu	136	72	123	331
5) Sandakan	750	295	385	1,430
6) Baluran	265	529	171	965
7) Kudat	399	178	50	627
8) Kota Marudu	16	373	121	510
9) Pitas	28	205	231	464
10) Kota Belud	45	192	505	742
11) Tuaran	0	150	10	160
12) Kota Kinabalu	232	324	14	570
13) Papar	2	193	21	216
14) Beaufort	10	402	72	484
15) Kuala Penyu	44	264	175	483
16) Sipitang	0	163	38	201
Jumlah Kecil/Sub-Total	2,608	3,939	2,597	9,144
WIL. PER. LABUAN/LABUAN F.T.*				
1) Kg. Bebuloh	0	32	0	32
2) Kg. Ranca-Ranca	0	9	0	9
3) Kg. Lubok Temiang	0	7	0	7
4) Kg. Batu Manikar	0	3	0	3
5) Kg. Tg. Aru	0	4	0	4
6) Kg. Miri/Lada/Pagar	0	7	0	7
7) Kg. Patau-Patau	0	25	0	25
8) Lain-Lain Kampong	21	22	0	43
Jumlah Kecil/Sub-Total	21	109	0	130
Jumlah Besar/Grand Total	18,439	9,936	3,028	31,403

* Nota: Kawasan Kampong Nelayan

* Note: Refers To Various Fishing Villages

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN DAN BILANGAN
NELAYAN YANG BEKERJA DI VESEL-VESEL BERLESEN, 1974 - 1994
NUMBER OF FISHING VESSELS LICENSED AND NUMBER OF FISHERMEN
OPERATING LICENSED VESSELS, 1974 - 1994

JADUAL (TABLE) 2.5

Bilangan Vesel Menangkap Ikan Yang Dilesenkan <i>Number Of Fishing Vessels Licensed</i>					Bilangan Nelayan <i>Number of Fishermen</i>				
Tahun <i>Year</i>	Berjentera Dalam <i>Inboard</i>	Berjentera Sangkut <i>Outboard</i>	Tidak Berjentera Non- Powered	Jumlah <i>Total</i>	Melayu <i>Malays</i>	Cina <i>Chinese</i>	India <i>Indians</i>	Lain-Lain <i>Others</i>	Jumlah <i>Total</i>
1974	16,205	2,100	4,072	22,377	38,973	30,619	424	789	70,805
1975	16,081	2,138	3,928	22,147	40,335	31,992	452	525	73,304
1976	16,142	2,342	4,151	22,635	41,997	30,479	450	610	73,536
1977	16,977	2,775	4,329	24,081	44,373	30,131	541	600	75,645
1978	17,775	3,684	6,038	27,497	51,265	30,980	637	812	83,694
1979	17,741	5,156	6,256	29,153	50,816	30,323	528	1,259	82,926
1980	18,433	6,585	5,502	30,520	55,008	31,802	410	1,752	88,972
1981	18,585	7,368	4,437	30,390	54,538	30,084	609	1,694	86,925
1982	17,875	7,246	2,620	27,741	49,232	28,306	739	1,960	80,237
1983	16,285	7,202	2,208	25,695	47,322	25,238	534	2,496	75,590
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

MALAYSIA
BILANGAN PERKAKAS YANG DILESENKAN MENGIKUT NEGERI, 1994
NUMBER OF LICENSED FISHING GEARS BY STATE, 1994

JADUAL (TABLE) 3.1

Kumpulan Perkakas <i>Gear Group</i>	Pukat Tunda	Pukat-Pukat Tarik <i>Seine Nets</i>			Pukat Hanyut <i>Drift/ Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap- Perangkap <i>Traps</i>		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscell- aneous	Jumlah Total
Negeri State	Trawl Nets	Pukat Jerut Jkan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain-Lain Other <i>Seines</i>			Belat-Belat Stationary	Bubu Portable							
Pantai Barat/West Coast:															
Perlis	204	111	0	1	321	4	0	1	8	0	0	0	0	0	650
Kedah	488	14	52	24	1,003	20	1	1	14	23	11	0	0	4	1,655
Pulau Pinang/Penang	96	21	0	99	985	0	0	1	45	36	0	3	0	8	1,294
Perak	1,307	58	14	612	1,505	0	0	38	134	95	0	0	120	109	3,992
Selangor	766	16	0	6	1,315	0	1	3	57	182	17	0	6	104	2,473
Negeri Sembilan	0	0	0	1	130	0	0	6	8	0	0	0	0	2	147
Melaka/Malacca	0	0	0	6	736	0	2	0	53	0	4	0	0	0	801
Johor Barat/West Johore	276	0	0	13	1,823	1	29	75	50	54	32	15	0	57	2,425
<i>Jumlah Kecil/Sub-Total</i>	3,137	220	66	762	7,818	25	33	125	369	390	64	18	126	284	13,437
Pantai Timur/East Coast:															
Kelantan	85	48	9	41	574	24	0	9	190	0	0	0	0	0	980
Terengganu	252	197	48	13	484	44	0	151	996	0	0	0	0	51	2,236
Pahang	321	81	17	2	327	23	0	115	204	0	0	0	0	17	1,107
Johor Timur/East Johore	281	69	0	1	805	2	17	19	124	8	1	0	0	1	1,328
<i>Jumlah Kecil/Sub-Total</i>	939	395	74	57	2,190	93	17	294	1,514	8	1	0	0	69	5,651
Sarawak	557	26	0	4	2,113	0	31	3	189	380	109	35	0	0	3,447
Sabah	1,037	142	0	10	1,029	146	63	54	466	0	1	0	0	214	3,162
W.P. Labuan	9	9	0	0	66	9	8	13	45	0	0	0	0	0	159
<i>Jumlah Kecil/Sub-Total</i>	1,603	177	0	14	3,208	155	102	70	700	380	110	35	0	214	6,768
Jumlah Besar/Grand Total	5,679	792	140	833	13,216	273	152	489	2,583	778	175	53	126	567	25,856

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
 ANGGARAN BILANGAN KUMULATIF PERKAKAS YANG DIUSAHAKAN MENGIKUT NEGERI, 1994
 ESTIMATED CUMULATIVE NUMBER OF FISHING GEARS IN OPERATION BY STATE, 1994

JADUAL (TABLE) 3.2

Kumpulan Perkakas <i>Gear Group</i>	Pukat Tunda	Pukat-Pukat Tarik <i>Seine Nets</i>			Pukat Hanyut <i>Drift/ Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap- Perangkap <i>Traps</i>		Pancing <i>Hooks & Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/ Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscell- aneous</i>	Jumlah <i>Total</i>
Negeri <i>State</i>	<i>Trawl Nets</i>	Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain-Lain <i>Other Seines</i>			Belat-Belat <i>Stationary</i>	Bubu <i>Portable</i>							
Pantai Barat/West Coast:															
Perlis	3,140	1,362	0	0	6,229	0	0	0	0	0	0	108	112	639	11,590
Kedah	9,921	129	656	884	25,272	0	18	0	1,000	2,479	272	628	66	2,322	43,647
Pulau Pinang/Penang	1,225	216	0	1,408	21,315	0	0	126	1,103	722	911	390	17	214	27,647
Perak	18,858	515	147	4,939	19,095	0	0	700	2,211	1,599	1,455	2,647	162	3,407	55,735
Selangor	10,437	110	0	136	18,838	0	228	667	3,513	2,416	456	956	647	607	39,011
Negeri Sembilan	0	0	0	33	2,294	0	0	88	188	0	0	0	251	0	2,854
Melaka/Malacca	0	0	0	60	7,617	0	24	8	1,264	0	7	1,987	100	0	11,067
Johor Barat/West Johore	3,833	0	0	0	23,547	0	408	1,255	151	388	116	185	0	1,338	31,221
Jumlah Kecil/Sub-Total	47,414	2,332	803	7,460	124,207	0	678	2,844	9,430	7,604	3,217	6,901	1,355	8,527	222,772
Pantai Timur/East Coast:															
Kelantan	2,283	254	87	0	4,450	368	754	136	1,214	0	0	0	0	780	10,326
Terengganu	3,005	2,204	343	0	2,244	449	0	2,516	8,395	0	0	0	0	0	19,156
Pahang	5,540	586	101	0	4,399	156	0	986	1,464	0	0	0	0	0	13,232
Johor Timur/East Johore	4,732	497	0	15	4,063	21	125	167	1,319	804	0	0	0	734	12,477
Jumlah Kecil/Sub-Total	15,560	3,541	531	15	15,156	994	879	3,805	12,392	804	0	0	0	1,514	55,191
Jumlah Besar/Grand Total	62,974	5,873	1,334	7,475	139,363	994	1,557	6,649	21,822	8,408	3,217	6,901	1,355	10,041	277,963

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS, 1994
LANDINGS OF MARINE FISH BY STATE AND GEAR GROUP, 1994

JADUAL (TABLE) 4.1

Kumpulan Perkakas Gear Group	Pukat Tunda Trawl Nets	Pukat-Pukat Tarik Seine Nets			Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-Perangkap Traps		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscell- aneous	Jumlah Tan M. Total Tonnes
		Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy	Lain-Lain Other Seines			Belat-Belat Stationary	Bubu Portable							
Pantai Barat/West Coast:															
Perlis	9,019	21,345	0	0	4,023	0	0	0	0	0	0	23	2,193	88	36,691
Kedah	41,429	7,248	10,262	255	11,158	0	39	0	242	888	86	277	644	105	72,633
Pulau Pinang/Penang	22,665	3,233	0	3,345	9,898	0	0	7	179	1,372	154	105	18	22	40,998
Perak	133,501	6,030	1,404	13,693	32,989	0	0	848	678	3,077	760	2,770	79	316	196,145
Selangor Darul Ehsan	60,445	1,893	0	101	6,896	0	1,231	72	1,694	13,341	1,084	369	5,737	10	92,873
Negeri Sembilan	0	0	0	4	486	0	0	14	53	0	0	0	4	0	561
Melaka/Malacca	0	0	0	9	1,237	0	17	1	224	0	1	167	21	0	1,677
Johor Barat/West Johore	8,271	0	0	0	6,484	0	468	132	93	3,167	8	60	0	41	18,724
Jumlah/Total:	275,330	39,749	11,666	17,407	73,171	0	1,755	1,074	3,163	21,845	2,093	3,771	8,696	582	460,302
Pantai Timur/East Coast:															
Kelantan	18,356	6,195	379	0	4,247	2,278	46	50	1,502	0	0	0	0	33	33,086
Terengganu	23,296	60,998	6,738	0	3,306	3,657	0	3,728	7,786	0	0	0	0	0	109,509
Pahang Darul Makmur	87,748	10,417	816	0	3,450	1,954	0	2,743	4,410	0	0	0	0	0	111,538
Johor Timur/East Johore	58,595	6,905	0	412	924	25	20	180	2,057	1,504	0	0	0	22	70,644
Jumlah/Total:	187,995	84,515	7,933	412	11,927	7,914	66	6,701	15,755	1,504	0	0	0	55	324,777
Malaysia:															
Semenanjung Malaysia/ Peninsular Malaysia	463,325	124,264	19,599	17,819	85,098	7,914	1,821	7,775	18,918	23,349	2,093	3,771	8,696	637	785,079
Sarawak	59,222	2,197	0	0	23,101	0	632	398	1,651	4,948	1,381	1,423	182	489	95,624
Sabah	53,037	24,467	0	6,264	33,659	17,446	1,703	864	16,617	0	669	0	215	5,387	160,328
W.Persekutuan Labuan/ Labuan, Federal Territory	12,344	5,318	0	21	3,799	1,037	333	151	1,478	0	0	73	0	0	24,554
Jumlah Tan M./Total Tonnes	587,928	156,246	19,599	24,104	145,657	26,397	4,489	9,188	38,664	28,297	4,143	5,267	9,093	6,513	1,065,585

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 1994
LANDINGS OF MARINE FISH BY MONTH AND STATE, 1994
(Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

JADUAL (TABLE) 4.2

Bulan/Month <i>Negeri/State</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah Tan M. <i>Total Tonnes</i>
Pantai Barat/West Coast:													
Perlis	2,951	2,655	2,938	4,106	3,730	2,805	3,018	2,956	2,887	2,461	2,774	3,410	36,691
Kedah	4,853	5,874	6,820	6,568	5,092	6,457	6,913	5,616	5,378	6,611	6,379	6,072	72,633
Pulau Pinang/Penang	2,838	2,534	4,308	3,726	3,844	2,871	3,485	3,469	3,174	4,084	3,451	3,214	40,998
Perak	15,058	10,170	15,721	20,944	21,145	15,961	15,359	15,369	18,082	17,758	16,170	14,408	196,145
Selangor Darul Ehsan	6,542	6,916	7,257	8,035	8,355	6,829	7,345	10,018	7,465	7,955	7,157	8,999	92,873
Negeri Sembilan	41	43	45	42	47	41	44	49	52	47	52	58	561
Melaka	138	164	118	145	131	129	130	106	131	117	198	170	1,677
Johor Barat/West Johore	1,195	1,268	1,345	1,638	1,601	1,228	1,202	1,744	1,883	2,023	1,850	1,747	18,724
Jumlah Kecil/Sub-Total	33,616	29,624	38,552	45,204	43,945	36,321	37,496	39,327	39,052	41,056	38,031	38,078	460,302
Pantai Timur/East Coast:													
Kelantan	1,230	1,370	1,261	1,761	2,908	2,714	3,557	4,793	5,688	4,874	1,055	1,875	33,086
Terengganu	6,176	8,984	9,834	11,166	10,428	8,063	8,542	11,774	14,953	14,185	1,855	3,549	109,509
Pahang Darul Makmur	6,041	7,100	7,105	9,500	9,838	10,155	10,590	10,504	12,194	11,401	9,748	7,362	111,538
Johor Timur/East Johore	3,842	3,446	4,713	6,272	7,245	7,352	6,964	7,176	7,348	7,357	5,242	3,687	70,644
Jumlah Kecil/Sub-Total	17,289	20,900	22,913	28,699	30,419	28,284	29,653	34,247	40,183	37,817	17,900	16,473	324,777
Malaysia:													
Semenanjung Malaysia/Pen. Malaysia	50,905	50,524	61,465	73,903	74,364	64,605	67,149	73,574	79,235	78,873	55,931	54,551	785,079
Sarawak	5,080	8,010	8,020	10,449	8,451	6,979	9,076	8,389	8,984	8,402	8,523	5,261	95,624
Sabah	12,694	13,815	13,149	16,226	15,704	13,587	12,645	12,832	12,595	12,567	13,011	11,503	160,328
W.Persekutuan Labuan/Labuan F.T.	2,205	1,762	2,197	2,138	2,408	1,846	1,962	1,998	2,765	1,963	1,720	1,590	24,554
Jumlah Besar (Tan Metrik) <i>Grand Total Tonnes</i>	70,884	74,111	84,831	102,716	100,927	87,017	90,832	96,793	103,579	101,805	79,185	72,905	1,065,585

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1994
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.3

Bulan/Month	Januari	Februari	Mac	April	Mei	Jun	Julai	Ogos	September	Oktober	November	Disember	Jumlah Tan M.
Kumpulan Perkakas Gear Group	January	February	March	April	May	June	July	August	September	October	November	December	Total Tonnes
Pukat-Pukat Tunda <i>Trawl Nets</i>	33,696	29,039	37,557	39,700	39,741	37,699	39,200	41,140	43,738	46,659	38,958	36,198	463,325
P.P. Tarik/Seine Nets: Pukat Jerut Ikan <i>P.Seine-Fish</i>	5,890	8,857	8,789	12,562	11,625	10,212	11,923	12,946	16,200	13,810	5,122	6,328	124,264
Pukat Jerut Bilis <i>P.Seine-Anchovy</i>	1,288	1,146	1,383	1,907	1,831	1,774	1,792	1,916	2,221	2,280	1,151	910	19,599
Lain-Lain <i>Other Seines</i>	1,510	1,728	1,072	1,107	2,315	1,781	1,348	1,386	1,524	1,353	1,233	1,462	17,819
Pukat-Pukat Hanyut <i>Drift/Gill Nets</i>	4,394	4,805	7,440	11,085	12,329	7,440	6,526	6,353	7,149	6,962	5,077	5,538	85,098
Pukat-Pukat Tangguk <i>Lift Nets</i>	352	553	461	589	742	1,022	781	1,163	1,204	899	9	139	7,914
Perangkap-Perangkap/Traps: Belat-Belat <i>(Stationary)</i>	71	123	119	101	165	159	170	139	116	271	200	187	1,821
Bubu <i>(Portable)</i>	566	866	681	771	556	539	719	756	815	881	265	360	7,775
Pancing <i>Hooks & Lines</i>	900	1,168	1,577	2,414	2,479	1,663	1,716	1,546	2,169	2,161	410	715	18,918
Pukat-Pukat Bakul <i>Bag Nets</i>	1,449	1,634	1,765	2,040	1,744	1,506	1,647	2,115	2,470	2,681	2,602	1,696	23,349
Pukat-Pukat Rentang <i>Barrier Nets</i>	159	217	164	174	181	186	200	168	140	167	183	154	2,093
Pukat-Pukat Surung <i>Push/Scoop Nets</i>	380	313	334	276	313	344	347	290	275	298	282	319	3,771
Memungut Siput <i>Shellfish Collection</i>	192	34	82	1,125	294	232	726	3,606	1,150	397	395	463	8,696
Rampaian <i>Miscellaneous</i>	58	41	41	52	49	48	54	50	64	54	44	82	637
Jumlah Tan M./Total Tonnes	50,905	50,524	61,465	73,903	74,364	64,605	67,149	73,574	79,235	78,873	55,931	54,551	785,079

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY STATE AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.4

ISSCAAP GROUP	Spesies Species	Pantai Barat West Coast								Jumlah Total	Pantai Timur East Coast				Jumlah Total	Sarawak	Sabah	W. P. Labuan	Jumlah Total	Jumlah Besar Grand-Total
		Perlis	Kedah	P.Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore						
24	Kebai/Selangat	270	887	586	654	198	20	0	227	2,842	0	0	5	4	9	124	1,134	43	1,301	4,152
	Puput/B. Mata/Tirok	0	325	189	4,161	2,585	13	0	195	7,468	31	5	273	2	311	1,596	1,287	124	3,007	10,786
	Terubok	0	0	0	16	1	0	0	0	17	0	0	0	0	0	412	0	0	412	429
25	Sialap	0	8	1	53	2	7	0	18	89	5	2	2	0	9	52	1,518	0	1,570	1,668
31	Udah	430	755	255	867	337	0	0	125	2,769	103	87	86	81	357	147	15	29	191	3,317
	Sebelah	1	59	26	159	36	0	0	3	284	25	202	127	160	514	141	660	263	1,064	1,862
33	Bayan	0	0	0	10	0	0	0	0	10	0	12	23	15	50	0	9	0	9	69
	Biji Nangka	0	34	376	1,623	52	0	0	54	2,139	701	2,106	436	145	3,388	770	622	270	1,662	7,189
	Daun Baharu	0	0	1	1	31	6	22	21	82	9	42	23	43	117	40	47	263	350	549
	Delah/Pinang-Pinang	0	0	0	23	0	0	0	0	23	0	322	29	22	373	0	831	343	1,174	1,570
	Duri/Pukutan/Utik	170	378	1,936	1,548	687	21	233	292	5,265	404	852	696	591	2,543	2,830	2,665	411	5,906	13,714
	Dengkis/Debam	0	2	0	97	5	0	0	2	106	13	84	145	80	322	0	459	307	766	1,194
	Galama/Tengkerang/Selampai	558	1,581	2,095	3,419	2,436	36	117	828	11,070	645	617	393	654	2,309	2,655	1,441	298	4,394	17,773
	Gerut-Gerut	6	51	47	142	177	8	17	27	475	51	41	45	29	166	27	765	229	1,021	1,662
	Jenahak	0	33	17	206	56	14	41	67	434	5	1	17	14	37	155	2,718	190	3,063	3,534
	Kaci	0	0	0	49	1	2	0	5	57	4	83	139	169	395	58	36	234	328	780
	Kerapu	165	380	90	941	95	7	29	58	1,765	48	746	393	224	1,411	278	3,319	436	4,033	7,209
	Kertai	366	1,592	519	6,424	370	0	1	0	9,272	1,500	4,031	4,548	2,386	12,465	423	6,675	428	7,526	29,263
	Kertai Bali	21	20	0	385	0	0	0	0	426	7	221	416	20	664	184	104	306	594	1,684
	Kikak	1	2	1	34	0	0	0	47	85	123	624	70	46	863	17	611	357	985	1,933
	Malang	45	73	118	228	694	5	52	518	1,733	4	37	89	21	151	857	675	1	1,533	3,417
	Merah	20	40	18	486	25	2	10	14	615	87	886	351	332	1,656	910	2,408	406	3,724	5,995
	Mengkarong/Conor/Ubi-Ubi	25	300	13	4,944	76	0	0	111	5,469	431	709	682	323	2,145	0	593	0	593	8,207
	Remang/Kunyit-Kunyit/Tanda	0	12	27	182	13	0	0	0	234	140	707	667	228	1,742	0	438	418	856	2,832
	Semilang	61	62	78	611	39	21	4	39	915	0	0	3	2	5	48	1,529	3	1,580	2,500
	Shrumbu/Lemah	0	0	0	112	0	0	0	0	112	0	1	0	0	1	339	61	130	530	643
	Puntang Damar/Bulus	129	112	12	864	74	4	0	0	1,195	272	68	369	125	834	0	35	0	35	2,064
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	1	0	1	135	466	303	83	987	0	0	122	122	1,110
34	Alu-Alu/Kacang-Kacang	60	340	107	256	52	8	17	55	895	46	355	220	176	797	188	1,699	384	2,271	3,963
	Arvan Tasik	29	10	0	48	22	1	0	12	122	10	102	197	52	361	0	0	0	0	483
	Bawal	655	972	905	1,665	849	22	25	748	5,841	33	191	87	93	404	1,890	1,804	589	4,283	10,528
	Belanak/Kedera	31	204	302	830	227	13	15	19	1,641	47	0	1	2	50	16	2,631	95	2,742	4,433
	Cemin/Sagai/Cupak	23	12	7	119	37	6	6	12	222	64	435	408	333	1,240	19	26	730	775	2,237

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

	Cincaru	1,786	772	420	3,948	2,406	2	10	326	9,670	68	876	1,275	1,261	3,480	414	2,423	819	3,656	16,806
	Demudok/Rambai	0	64	69	310	151	0	0	0	594	45	247	367	93	752	197	2,727	363	3,287	4,633
	Kurau/Senangin/Senohong	32	111	113	635	146	16	34	178	1,265	7	0	16	17	40	510	2,860	49	3,419	4,724
	Pelata/Selar	1,754	1,646	624	1,191	458	0	6	132	5,811	953	5,337	1,629	1,167	9,086	940	2,741	910	4,591	19,488
	Selar Kuning/Lolong	876	959	15	1,778	56	0	2	40	3,726	2,517	12,151	5,626	2,670	22,964	55	271	538	864	27,554
	Selayang/Curut	5,518	929	456	3,072	4	0	0	0	9,979	4,045	28,799	2,385	2,654	37,883	114	12,954	711	13,779	61,641
	Pisang-Pisang	421	2	21	15	20	0	0	0	479	0	98	55	0	153	0	206	0	206	838
	Talang	0	269	47	75	63	15	23	72	564	2	5	38	38	83	527	1,852	129	2,508	3,155
35	Bitis/Bunga Air	0	10,255	0	1,614	67	0	0	46	11,982	975	5,569	724	4	7,272	232	2,856	21	3,109	22,363
	Parang-Parang	181	187	111	366	488	66	192	716	2,307	138	307	658	261	1,364	431	19	70	520	4,191
	Tamban	1,271	691	1,066	459	324	1	0	41	3,853	868	9,219	2,541	1,293	13,921	2,597	13,306	1,004	16,907	34,681
	Bulan-Bulan	0	0	0	7	1	0	0	0	8	0	8	10	0	18	4	68	0	72	98
36	Aya/Kayu/Tangkal	804	830	121	1,082	102	0	0	0	2,939	755	4,627	2,134	818	8,334	1,519	11,564	1,465	14,548	25,821
	Layaran/Meruji	0	0	0	2	0	0	0	0	2	0	2	16	0	18	0	170	42	212	232
37	Kambong/Temenong/Pelaling	9,742	13,148	9,704	26,838	4,339	0	0	0	63,771	819	7,825	4,584	1,541	14,769	3,270	9,300	2,536	15,106	93,646
	Tenggiri	313	408	177	1,266	2,218	61	182	597	5,222	243	1,134	1,526	611	3,514	2,028	4,330	513	6,871	15,607
	Timah/Layar/Selayar	90	221	717	1,585	100	0	7	142	2,862	582	633	530	238	1,983	1,128	177	6	1,311	6,156
38	Pari	190	563	384	2,489	1,019	16	88	355	5,104	875	1,102	1,301	1,690	4,968	1,945	1,734	249	3,928	14,000
	Yu	24	51	83	361	190	4	35	21	769	101	421	485	390	1,397	2,035	2,373	315	4,723	6,889
39	Ikan Baja	4,740	22,454	12,713	74,423	41,775	1	1	4,453	160,560	10,489	7,499	54,296	36,702	108,986	25,169	15,910	3,739	44,818	314,364
	Ikan Campur	755	1,693	151	4,531	975	52	211	1,574	9,942	2,396	2,169	5,754	1,663	11,982	13,699	9,177	1,154	24,030	45,954
	Jebong	0	23	242	211	22	1	0	2	501	6	173	119	183	481	0	308	164	472	1,454
42	Ketam	630	519	439	1,131	653	29	1	349	3,751	83	248	560	515	1,406	640	3,593	192	4,425	9,582
45	Udang Karang/Lobak	0	0	7	13	13	0	0	0	33	7	313	251	207	778	13	223	156	392	1,203
	Udang Putih	359	539	783	2,256	617	68	103	1,018	5,743	142	135	258	207	742	4,239	7,706	553	12,498	18,983
	Udang Minyak	0	0	963	8,903	3,200	0	0	385	13,451	22	142	144	471	779	64	593	0	657	14,887
	Udang Merah Ros	104	211	50	245	2,183	0	0	513	3,306	0	190	933	346	1,469	228	384	0	612	5,387
	Udang Kulit Keras	2	0	183	1,594	946	0	0	85	2,810	264	60	161	46	531	1,829	105	0	1,934	5,275
	Udang Harimau	4	58	28	71	3	0	0	0	164	12	37	27	87	163	9	256	183	448	775
	Lain-Lain Jenis Udang	993	3,422	1,596	13,617	1,077	8	31	898	21,642	229	245	996	814	2,284	8,198	2,967	481	11,646	35,572
	Udang Baring	22	277	517	2,392	11,446	0	140	2,070	16,864	0	0	0	746	746	1,504	479	73	2,056	19,666
56	Siput/Kepah/Kupang/Tiram	2,193	643	19	79	5,736	5	21	0	8,696	8	0	0	0	8	176	512	0	688	9,392
57	Sotong Kereta	10	236	3	55	0	0	0	0	304	2	0	49	43	94	0	257	0	257	655
	Sotong Katak	344	661	230	2,927	1,558	0	0	65	5,785	192	1,194	2,892	2,816	7,094	101	1,757	365	2,223	15,102
	Sotong Biasa	467	2,547	1,217	5,447	1,333	0	0	175	11,186	1,298	4,709	7,955	4,597	18,559	1,684	4,150	345	6,179	35,924
76	Ubur-Ubur	0	0	3	0	7	0	0	974	984	0	0	0	0	5,949	3,205	0	0	9,154	10,138
	Jumlah Tan M/Total Tonnes	36,691	72,633	40,998	196,145	92,873	561	1,677	18,724	460,302	33,086	109,509	111,538	70,644	324,777	95,624	160,328	24,554	280,506	1,065,585

Nota: Lain-Lain spesies bagi Sarawak telah dimasukkan ke dalam Ikan Campur
Note: Ikan Campur includes other species of fish for Sarawak

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	395	316	490	412	320	324	447	317	254	261	313	303	4,152
	Puput/B. Mata/Tirok	658	556	703	967	880	956	1,050	896	953	1,337	1,007	823	10,786
	Terubok	12	32	26	46	45	20	97	47	46	32	18	8	429
25	Siakap	148	126	151	124	157	166	173	131	145	123	112	112	1,668
31	Lidah	310	279	285	258	211	203	297	227	301	256	324	366	3,317
33	Sebelah	139	138	144	140	166	164	148	169	187	188	155	124	1,862
	Bayan	2	1	2	6	6	9	8	11	12	9	2	1	69
	Biji Nangka	390	249	416	493	615	412	689	831	1,070	1,066	565	393	7,189
	Daun Baharu	47	42	51	44	48	40	40	48	53	58	46	32	549
	Delah/Pinang-Pinang	49	117	218	217	121	82	109	172	134	162	107	82	1,570
	Duri/Pulutan/Utik	1,018	904	1,067	1,158	1,151	1,094	1,458	1,352	1,412	1,340	901	859	13,714
	Dengkis/Debam	103	80	106	101	105	90	100	102	150	103	71	83	1,194
	Gelama/Tengkerong/Selampai	1,253	1,300	1,408	1,777	1,453	1,433	1,682	1,519	1,615	1,570	1,346	1,417	17,773
	Gerut-Gerut	134	125	112	134	210	210	127	164	154	107	99	86	1,662
	Jenahak	265	267	307	279	319	291	305	284	329	318	278	292	3,534
	Kaci	56	60	67	57	68	48	63	69	92	95	57	48	780
	Kerapu	554	491	630	645	790	629	636	667	543	672	503	449	7,209
	Kerisi	1,948	1,833	2,335	2,833	2,444	2,228	2,589	2,748	3,096	3,221	2,097	1,891	29,263
	Kerisi Bali	166	95	147	125	197	348	127	113	139	121	80	26	1,684
	Kikek	182	221	120	124	149	153	197	201	167	180	114	125	1,933
	Malong	275	374	267	388	276	280	280	272	289	261	225	230	3,417
	Merah	409	451	548	539	590	411	498	468	605	620	485	371	5,995
	Mengkerong/Conor/Ubi-Ubi	614	400	772	771	604	649	677	802	852	864	639	563	8,207
	Remong/Kunyit-Kunyit/Tanda	171	250	211	258	245	239	238	235	342	361	146	136	2,832
	Semilang	216	226	238	220	275	243	250	189	170	195	149	129	2,500
	Shrumbu/Lemah	53	40	43	67	61	41	75	69	59	53	50	32	643
	Puntong Damar/Bulus	184	133	126	159	224	269	204	146	173	207	128	111	2,064
	Pasir-Pasir/Timun-Timun	39	55	48	92	95	93	114	141	178	152	60	43	1,110
	Alu-Alu/Kacang-Kacang	266	274	340	404	379	335	359	353	370	370	253	260	3,963
34	Aruan Tasik	34	28	52	48	47	44	32	39	56	64	20	19	483
	Bawal	770	731	730	988	984	832	1,144	1,049	807	843	885	765	10,528
	Belanak/Kedera	352	318	341	306	401	470	402	268	548	341	344	342	4,433
	Cermin/Sagai/Cupak	159	144	162	234	188	136	185	215	243	288	161	122	2,237

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

	Cincaru	1,008	965	1,279	1,921	1,737	1,489	1,648	1,304	1,542	1,083	1,397	1,433	16,806
	Demudok/Rambai	259	326	370	542	405	393	340	441	458	443	373	283	4,633
	Kurau/Senangin/Senohong	400	339	382	382	445	494	481	402	377	389	329	304	4,724
	Pelata/Selar	1,269	1,531	1,750	1,593	1,696	1,664	1,888	1,831	2,154	1,841	1,130	1,141	19,488
	Selar Kuning/Lolong	1,558	2,464	2,315	2,589	2,623	2,558	2,389	3,047	3,042	2,890	1,155	924	27,554
	Selayang/Curut	3,534	3,919	4,166	4,623	4,376	4,758	5,670	6,737	8,470	8,016	3,727	3,645	61,641
	Pisang-Pisang	22	58	33	116	91	104	118	95	40	99	31	31	838
	Talang	207	273	278	250	287	301	321	322	301	277	173	165	3,155
35	Bilis/Bunga Air	1,502	1,410	1,515	2,160	2,007	1,795	2,011	2,107	2,642	2,522	1,479	1,213	22,363
	Parang-Parang	273	310	355	458	400	313	346	382	371	443	271	269	4,191
	Tamban	2,123	2,591	2,267	3,227	3,372	2,997	2,653	2,970	3,906	3,885	2,581	2,109	34,681
	Bulan-Bulan	6	28	5	7	10	4	4	5	8	6	6	9	98
36	Aya/Kayu/Tongkol	1,914	2,414	2,092	2,218	1,855	2,196	2,526	2,089	2,270	2,468	1,607	2,172	25,821
	Layaran/Mersuji	26	27	19	25	23	9	8	28	12	23	16	16	232
37	Kembong/Temenong/Pelaling	3,885	5,209	9,327	13,212	12,985	7,557	7,417	7,365	8,901	7,979	4,995	4,814	93,646
	Tenggiri	955	1,308	1,133	1,620	1,792	1,320	1,427	1,267	1,279	1,414	941	1,151	15,607
	Timah/Layor/Selayor	474	477	604	492	587	533	683	585	679	439	278	325	6,156
38	Pari	1,021	982	1,179	1,216	1,165	1,086	1,282	1,283	1,530	1,383	996	877	14,000
	Yu	428	541	557	568	549	593	707	768	645	647	504	382	6,889
39	Ikan Baja	21,469	19,266	22,238	27,713	29,488	27,668	26,862	27,911	29,836	31,019	26,389	24,505	314,364
	Ikan Campur	2,631	2,679	3,392	4,119	4,525	3,607	4,433	4,555	4,852	4,759	3,399	3,003	45,954
	Jebong	117	126	85	95	109	99	152	168	126	163	103	111	1,454
42	Ketam	840	788	760	796	860	852	876	749	850	799	678	734	9,582
45	Udang Karang/Lobok	84	83	105	101	154	98	120	91	101	94	95	77	1,203
	Udang Putih	1,668	1,724	1,728	1,416	1,483	1,496	1,628	1,568	1,785	1,397	1,453	1,637	18,983
	Udang Minyak	1,364	1,504	1,051	1,002	1,493	1,279	1,196	1,100	1,212	1,160	1,073	1,453	14,887
	Udang Merah Ros	657	509	473	459	306	367	427	327	405	294	505	658	5,387
	Udang Kulit Keras	532	600	556	390	403	454	321	358	367	367	418	509	5,275
	Udang Harimau	77	72	63	61	53	64	61	66	59	55	78	66	775
	Lain-Lain Jenis Udang	3,936	4,243	4,177	3,369	2,729	2,559	2,107	2,386	2,324	2,326	2,871	2,545	35,572
	Udang Baring	1,292	1,705	1,531	1,627	1,306	1,146	1,309	1,721	1,915	2,270	2,302	1,542	19,666
56	Siput/Kepah/Kupang/Tiram	237	68	117	1,182	338	275	777	3,658	1,212	446	563	519	9,392
57	Sotong Kereta	41	51	71	51	51	69	51	64	53	54	48	51	655
	Sotong Katak	1,142	1,229	1,419	1,273	1,284	1,270	1,213	1,320	1,334	1,405	1,151	1,062	15,102
	Sotong Biasa	1,688	2,443	4,595	5,568	4,416	2,444	2,337	2,672	2,500	2,453	2,501	2,307	35,924
76	Ubur-Ubur	874	1,193	181	1,861	1,700	164	243	737	477	659	1,829	220	10,138
	Jumlah Tan M/Total Tonnes	70,884	74,111	84,831	102,716	100,927	87,017	90,832	96,793	103,579	101,805	79,185	72,905	1,065,585

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.1.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	314	185	352	346	183	181	300	214	109	178	247	242	2,851
	Puput/B. Mata/Tirok	553	397	482	612	497	597	745	626	695	1,089	882	604	7,779
	Terubok	5	0	4	0	0	0	8	0	0	0	0	0	17
25	Siakap	10	9	13	10	7	6	7	7	5	5	7	12	98
31	Lidah	301	270	258	246	201	188	283	211	287	234	295	352	3,126
33	Sebelah	56	64	57	68	75	78	62	65	97	77	54	45	798
	Bayan	1	1	1	5	5	9	8	8	10	9	2	1	60
	Biji Nangka	313	198	341	416	424	362	583	636	795	859	308	292	5,527
	Daun Baharu	22	15	19	12	16	11	17	14	24	25	11	13	199
	Delah/Pinang-Pinang	2	65	154	66	12	5	9	23	36	16	5	3	396
	Duri/Pulutan/Utik	620	498	644	665	593	572	777	734	822	803	524	556	7,808
	Dengkis/Debam	46	28	38	40	36	23	36	39	66	36	14	26	428
	Gelama/Tengkerong/Selampai	1,031	913	1,031	1,148	1,041	1,118	1,283	1,113	1,191	1,272	1,068	1,170	13,379
	Gerut-Gerut	42	43	37	46	56	65	68	87	69	49	44	35	641
	Jenahak	30	31	32	34	33	36	44	34	36	47	26	88	471
	Kaci	29	37	40	33	30	29	45	41	60	44	27	37	452
	Kerapu	222	199	287	293	359	284	287	296	245	306	182	216	3,176
	Kerisi	1,404	1,184	1,686	2,050	1,700	1,604	1,962	2,035	2,501	2,682	1,540	1,389	21,737
	Kerisi Bali	99	55	98	55	112	330	88	72	77	56	29	19	1,090
	Kikek	97	132	57	45	65	75	100	122	92	88	30	45	948
	Malong	188	236	130	174	142	139	154	122	183	160	115	141	1,884
	Merah	157	175	227	200	245	138	139	173	250	227	225	115	2,271
	Mengkerong/Conor/Ubi-Ubi	573	347	698	702	536	593	637	770	798	824	607	529	7,614
	Remong/Kunyit-Kunyit/Tanda	103	180	135	187	159	167	164	176	256	267	89	93	1,976
	Semilang	79	74	82	81	87	71	72	62	82	84	74	72	920
	Shrumbu/Lemah	25	9	10	11	10	8	9	8	8	5	6	4	113
	Puntong Damar/Bulus	182	133	122	154	219	267	198	145	171	205	125	108	2,029
	Pasir-Pasir/Timun-Timun	32	44	35	83	91	84	104	128	163	141	48	35	988
	Alu-Alu/Kacang-Kacang	121	111	164	180	128	145	156	150	158	195	86	98	1,692
34	Aruan Tasik	34	28	52	48	47	44	32	39	56	64	20	19	483
	Bawal	477	439	379	523	487	472	603	686	438	494	632	615	6,245
	Belanak/Kedera	114	87	75	119	55	128	87	108	344	157	206	211	1,691
	Cermin/Sagai/Cupak	96	108	97	157	119	81	117	151	172	205	75	84	1,462

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

	Cincaru	681	609	887	1,560	1,298	1,211	1,393	970	1,258	838	1,171	1,274	13,150
	Demudok/Rambai	63	64	99	280	110	95	92	149	177	97	64	56	1,346
	Kurau/Senangin/Senohong	109	82	104	136	106	113	126	98	97	117	110	107	1,305
	Pelata/Selar	1,023	1,105	1,264	1,163	1,309	1,275	1,466	1,406	1,650	1,501	844	891	14,897
	Selar Kuning/Lolong	1,469	2,388	2,281	2,507	2,569	2,511	2,343	2,985	2,967	2,723	1,061	886	26,690
	Selayang/Curut	2,572	2,760	3,121	3,515	3,392	3,575	4,453	5,337	7,324	6,785	2,535	2,493	47,862
	Pisang-Pisang	3	9	20	99	72	75	104	88	28	89	22	23	632
	Talang	47	89	38	66	43	54	80	47	38	58	45	42	647
35	Bilis/Bunga Air	1,291	1,193	1,313	1,753	1,737	1,576	1,813	2,002	2,224	2,215	1,191	946	19,254
	Parang-Parang	249	274	298	387	332	280	312	322	324	392	240	261	3,671
	Tamban	608	1,412	1,069	1,999	2,214	1,637	1,397	1,729	2,530	1,973	643	563	17,774
	Bulan-Bulan	0	9	1	0	5	1	0	1	4	2	1	2	26
36	Aya/Kayu/Tongkol	375	834	776	1,120	816	1,110	1,424	1,076	1,205	1,383	336	818	11,273
	Layaran/Mersuji	10	0	1	3	0	0	1	0	3	1	0	1	20
37	Kembong/Temenong/Pelaling	2,826	4,093	8,235	11,726	11,660	6,334	6,068	6,034	7,295	6,414	3,894	3,961	78,540
	Tenggiri	507	498	582	974	1,140	794	796	716	711	854	455	709	8,736
	Timah/Layor/Selayor	419	383	519	363	438	390	489	449	500	382	226	287	4,845
38	Pari	766	677	867	866	778	761	943	938	1,143	1,019	686	628	10,072
	Yu	140	149	234	186	159	171	174	217	234	231	149	122	2,166
39	Ikan Baja	18,638	16,468	19,175	22,266	24,738	23,675	22,989	24,093	25,387	27,741	22,992	21,384	269,546
	Ikan Campur	1,486	1,181	1,480	1,587	1,829	1,667	1,861	2,454	2,625	2,551	1,695	1,508	21,924
	Jebong	75	58	56	63	63	59	121	118	91	129	62	87	982
42	Ketam	470	387	409	397	460	426	460	420	465	474	373	416	5,157
45	Udang Karang/Lobok	61	54	70	63	111	68	99	55	66	73	51	40	811
	Udang Putih	712	572	490	485	576	504	515	512	528	438	505	648	6,485
	Udang Minyak	1,289	1,424	972	892	1,445	1,201	1,103	1,083	1,166	1,132	1,071	1,452	14,230
	Udang Merah Ros	573	465	412	406	266	333	388	293	358	244	449	588	4,775
	Udang Kulit Keras	358	318	303	184	259	351	229	223	229	247	318	322	3,341
	Udang Harimau	37	28	28	20	19	25	27	27	24	22	31	39	327
	Lain-Lain Jenis Udang	3,092	2,272	2,143	1,484	1,958	1,904	1,604	1,857	1,752	1,722	2,231	1,907	23,926
	Udang Baring	1,019	1,230	1,220	1,250	1,284	1,099	1,274	1,696	1,905	2,262	1,964	1,407	17,610
56	Siput/Kepah/Kupang/Tiram	192	34	83	1,127	295	234	728	3,606	1,151	396	395	463	8,704
57	Sotong Kereta	23	31	46	28	25	43	28	45	34	36	28	31	398
	Sotong Katak	988	1,043	1,184	1,054	1,090	1,044	1,056	1,111	1,161	1,231	981	936	12,879
	Sotong Biasa	1,354	2,036	3,847	4,922	3,882	2,023	1,963	2,246	2,142	2,050	1,339	1,941	29,745
76	Ubur-Ubur	2	0	1	163	116	76	46	76	143	148	170	43	984
	Jumlah Tan M/Total Tonnes	50,905	50,524	61,465	73,903	74,364	64,605	67,149	73,574	79,235	78,873	55,931	54,551	785,079

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.5.2.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	313	184	350	345	182	181	300	214	108	178	246	241	2,842
	Puput/B. Mata/Tirok	553	391	478	595	453	583	695	624	688	997	849	562	7,468
	Terubok	5	0	4	0	0	0	8	0	0	0	0	0	17
25	Siakap	9	8	12	9	6	6	7	7	4	3	6	12	89
31	Lidah	259	233	243	225	190	169	259	180	260	193	250	308	2,769
	Sebelah	26	20	23	24	23	36	22	24	23	26	20	17	284
33	Bayan	0	0	0	1	0	5	0	1	1	0	1	1	10
	Biji Nangka	194	52	104	156	160	163	319	244	207	253	159	128	2,139
	Daun Baharu	7	8	11	5	7	5	6	4	6	9	6	8	82
	Delah/Pinang-Pinang	2	1	1	2	3	2	1	3	4	2	1	1	23
	Duri/Pulutan/Utik	484	320	432	455	401	403	556	484	440	488	377	425	5,265
	Dengkis/Debam	26	7	4	6	4	3	13	11	11	7	1	13	106
	Gelama/Tengkerong/Selampai	816	770	856	991	893	971	1,061	862	935	981	925	1,009	11,070
	Gerut-Gerut	33	37	33	36	38	56	62	39	43	38	30	30	475
	Jenahak	29	30	29	33	30	33	41	29	29	42	22	87	434
	Kaci	5	6	6	9	7	6	2	3	7	2	2	2	57
	Kerapu	159	122	175	177	152	132	133	144	120	162	128	161	1,765
	Kerisi	758	428	862	957	801	684	825	835	808	856	736	722	9,272
	Kerisi Bali	19	8	14	13	38	260	18	9	12	15	7	13	426
	Kikek	3	10	1	7	7	8	7	8	7	10	9	8	85
	Malong	178	221	119	164	130	122	142	110	165	147	101	134	1,733
	Merah	33	25	30	45	142	31	29	29	30	50	149	22	615
	Mengkerong/Conor/Ubi-Ubi	454	231	588	569	376	426	417	489	499	552	502	366	5,469
	Remong/Kunyit-Kunyit/Tanda	18	8	12	31	30	41	13	16	17	22	16	10	234
	Semilang	79	73	81	79	87	71	72	62	81	84	74	72	915
	Shrubu/Lemah	25	9	10	11	10	8	9	8	8	5	5	4	112
	Puntong Damar/Bulus	88	50	65	120	79	153	143	93	118	145	75	66	1,195
34	Pasir-Pasir/Timun-Timun	0	0	0	0	0	1	0	0	0	0	0	0	1
	Alu-Alu/Kacang-Kacang	68	51	66	87	77	89	96	80	73	73	63	72	895
	Aruan Tasik	10	8	17	10	16	14	8	9	13	9	4	4	122
	Bawal	398	398	347	452	444	460	591	633	428	468	619	603	5,841
	Belanak/Kedera	109	83	71	115	52	121	87	108	338	145	205	207	1,641
	Cermin/Sagai/Cupak	19	13	18	21	16	8	14	13	28	33	17	22	222

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

	Cincaru	522	425	628	942	793	860	1,046	689	971	655	1,036	1103	9,670
	Demudok/Rambai	52	31	63	54	58	51	37	54	47	51	51	45	594
	Kurau/Senangin/Senohong	107	81	100	131	104	110	126	91	94	108	109	104	1,265
	Pelata/Selar	376	360	364	392	433	519	666	568	445	579	569	540	5,811
	Selar Kuning/Lolong	331	195	307	308	339	318	431	351	310	336	354	146	3,726
	Selayang/Curut	734	564	639	639	690	923	940	703	921	920	1,422	884	9,979
	Pisang-Pisang	0	0	0	53	54	54	101	84	24	73	20	16	479
	Talang	39	81	32	57	34	46	73	42	35	44	41	40	564
35	Bilis/Bunga Air	1,291	1,193	1,102	1060	1,084	838	883	611	829	956	1,190	945	11,982
	Parang-Parang	195	201	229	219	198	183	178	168	148	173	199	216	2,307
	Tamban	240	112	361	361	260	249	214	432	289	457	486	392	3,853
	Bulan-Bulan	0	0	1	0	0	1	0	1	1	2	1	1	8
36	Aya/Kayu/Tongkol	44	80	185	188	167	325	532	289	230	279	244	376	2,939
	Layaran/Mersuji	0	0	0	0	0	0	0	0	1	1	0	0	2
37	Kembong/Temenong/Pelaling	2,301	3,240	7,433	10480	10,241	5,066	4,473	4,151	4,604	4,407	3,720	3,655	63,771
	Tenggiri	305	320	319	496	919	543	351	400	284	322	378	585	5,222
	Timah/Layor/Selayor	266	152	348	274	284	234	316	230	265	204	135	154	2,862
38	Pari	446	301	460	420	414	412	478	427	497	487	393	369	5,104
	Yu	50	64	63	74	57	63	75	73	62	63	66	59	769
39	Ikan Baja	12,584	10,661	12,605	14,738	14,209	12,607	12,487	13,171	14,389	15,851	13,210	14,048	160,560
	Ikan Campur	874	563	797	1,001	1,011	813	940	791	745	837	825	745	9,942
	Jebong	56	37	36	33	32	22	66	72	36	33	33	45	501
42	Ketam	336	289	321	320	335	279	302	265	334	352	282	336	3,751
45	Udang Karang/Lobok	4	2	3	3	2	3	3	2	2	3	3	3	33
	Udang Putih	493	448	430	464	559	485	499	489	506	416	430	524	5,743
	Udang Minyak	1,146	1,255	872	869	1,430	1,196	1,090	1,038	1,144	1,097	978	1,336	13,451
	Udang Merah Ros	283	234	309	360	240	294	340	223	309	180	226	308	3,306
	Udang Kulit Keras	209	217	242	167	255	337	223	214	220	239	268	219	2,810
	Udang Harimau	17	16	18	15	10	10	17	14	10	11	8	18	164
	Lain-Lain Jenis Udang	2,649	1,983	1,914	1,410	1,903	1,800	1,473	1,720	1,637	1,596	1,923	1,634	21,642
	Udang Baring	1,019	1,230	1,220	1,249	1,284	1,099	1,125	1,372	1,633	2,262	1,964	1,407	16,864
56	Siput/Kepah/Kupang/Tiram	192	34	82	1,126	294	231	727	3,606	1,150	396	395	463	8,696
57	Sotong Kereta	22	28	37	26	21	24	17	23	27	28	24	27	304
	Sotong Katak	449	396	653	551	525	407	440	480	416	486	452	530	5,785
	Sotong Biasa	803	1,026	1,316	811	736	592	825	1,032	783	1,009	821	1,432	11,186
76	Ubur-Ubur	2	0	1	163	116	76	46	76	143	148	170	43	984
	Jumlah Tan M/Total Tonnes	33,616	29,624	38,552	45,204	43,945	36,321	37,496	39,327	39,052	41,056	38,031	38,078	460,302

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.3.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	1	1	1	1	1	1	0	0	1	0	1	1	9
	Puput/B. Mata/Tirok	0	6	5	17	44	14	50	2	7	92	33	41	311
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	1	1	1	1	1	0	0	0	1	2	1	0	9
31	Lidah	42	37	15	21	11	18	24	31	27	41	45	45	357
33	Sebelah	30	44	34	44	52	42	40	41	74	51	34	28	514
	Bayan	1	1	1	4	5	4	8	7	9	9	1	0	50
	Biji Nangka	119	146	237	260	264	199	264	392	588	606	149	164	3,388
	Daun Baharu	15	7	8	7	9	6	11	10	18	16	5	5	117
	Delah/Pinang-Pinang	0	64	153	64	9	3	8	20	32	14	4	2	373
	Duri/Pulutan/Utik	136	178	212	210	192	169	221	250	382	315	147	131	2,543
	Dengkis/Debam	20	21	34	34	32	20	23	28	55	29	13	13	322
	Gelama/Tengkerong/Selampai	215	143	175	157	148	147	222	251	256	291	143	161	2,309
	Gerut-Gerut	9	6	4	10	18	9	6	48	26	11	14	5	166
	Jenahak	1	1	3	1	3	3	3	5	7	5	4	1	37
	Kaci	24	31	34	24	23	23	43	38	53	42	25	35	395
	Kerapu	63	77	112	116	207	152	154	152	125	144	54	55	1,411
	Kerisi	646	756	824	1,093	899	920	1,137	1,200	1,693	1,826	804	667	12,465
	Kerisi Bali	80	47	84	42	74	70	70	63	65	41	22	6	664
	Kikek	94	122	56	38	58	67	93	114	85	78	21	37	863
	Malong	10	15	11	10	12	17	12	12	18	13	14	7	151
	Merah	124	150	197	155	103	107	110	144	220	177	76	93	1,656
	Mengkerong/Conor/Ubi-Ubi	119	116	110	133	160	167	220	281	299	272	105	163	2,145
	Remong/Kunyit-Kunyit/Tanda	85	172	123	156	129	126	151	160	239	245	73	83	1,742
	Semilang	0	1	1	2	0	0	0	0	1	0	0	0	5
	Shrumbu/Lemah	0	1	0	0	0	0	0	0	0	0	0	0	1
	Puntong Damar/Bulus	94	83	57	34	140	114	55	52	53	60	50	42	834
	Pasir-Pasir/Timun-Timun	32	44	35	83	91	83	104	128	163	141	48	35	987
	Alu-Alu/Kacang-Kacang	53	60	98	93	51	56	60	70	85	122	23	26	797
34	Aruan Tasik	24	20	35	38	31	30	24	30	43	55	16	15	361
	Bawal	79	41	32	71	43	12	12	53	10	26	13	12	404
	Belanak/Kedera	5	4	4	4	3	7	0	0	6	12	1	4	50
	Cermin/Sagai/Cupak	77	95	79	136	103	73	103	138	144	172	58	62	1,240

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

	Cincaru	159	184	259	618	505	351	347	281	287	183	135	171	3,480
	Demudok/Rambai	11	33	36	226	52	44	55	95	130	46	13	11	752
	Kurau/Senangin/Senohong	2	1	4	5	2	3	0	7	3	9	1	3	40
	Pelata/Selar	647	745	900	771	876	756	800	838	1,205	922	275	351	9,086
	Selar Kuning/Lolong	1,138	2,193	1,974	2199	2,230	2,193	1,912	2,634	2,657	2387	707	740	22,964
	Selayang/Curut	1,838	2,196	2,482	2876	2,702	2,652	3,513	4,634	6,403	5,865	1,113	1,609	37,883
	Pisang-Pisang	3	9	20	46	18	21	3	4	4	16	2	7	153
	Talang	8	8	6	9	9	8	7	5	3	14	4	2	83
35	Bilis/Bunga Air	0	0	211	693	653	738	930	1,391	1,395	1,259	1	1	7,272
	Parang-Parang	54	73	69	168	134	97	134	154	176	219	41	45	1,364
	Tamban	368	1,300	708	1638	1,954	1,388	1,183	1,297	2,241	1,516	157	171	13,921
	Bulan-Bulan	0	9	0	0	5	0	0	0	3	0	0	1	18
36	Aya/Kayu/Tongkol	331	754	591	932	649	785	892	787	975	1,104	92	442	8,334
	Layaran/Mersuji	10	0	1	2	0	0	1	0	3	0	0	1	18
37	Kembong/Temenong/Pelaling	524	853	802	1247	1,419	1,268	1,595	1,883	2,691	2,007	174	306	14,769
	Tenggiri	202	178	263	478	221	251	445	316	427	532	77	124	3,514
	Timah/Layar/Selayor	153	231	171	89	154	156	173	219	235	178	91	133	1,983
38	Pari	320	376	407	446	364	349	465	511	646	532	293	259	4,968
	Yu	90	85	171	112	102	108	99	144	172	168	83	63	1,397
39	Ikan Baja	6,054	5,807	6,570	7,528	10,529	11,068	10,502	10,922	10,998	11,890	9,782	7,336	108,986
	Ikan Campur	612	618	683	586	818	854	921	1,663	1,880	1,714	870	763	11,982
	Jebong	19	21	20	30	31	37	55	46	55	96	29	42	481
42	Ketam	135	98	88	77	125	147	158	155	130	122	91	80	1,406
45	Udang Karang/Lobok	57	52	67	60	109	65	96	53	64	70	48	37	778
	Udang Putih	219	124	60	21	17	19	16	23	22	22	75	124	742
	Udang Minyak	143	169	100	23	15	5	13	45	22	35	93	116	779
	Udang Merah Ros	290	231	103	46	26	39	48	70	49	64	223	280	1,469
	Udang Kulit Keras	149	101	61	17	4	14	6	9	9	8	50	103	531
	Udang Harimau	20	12	10	5	9	15	10	13	14	11	23	21	163
	Lain-Lain Jenis Udang	443	289	229	74	55	104	131	136	115	126	309	273	2,284
	Udang Baring	0	0	0	1	0	0	149	325	271	0	0	0	746
56	Siput/Kepah/Kupang/Tiram	0	0	1	1	1	3	1	0	1	0	0	0	8
57	Sotong Kereta	1	2	9	2	4	19	11	22	8	8	4	4	94
	Sotong Katak	539	647	531	503	565	637	616	631	745	745	529	406	7,094
	Sotong Biasa	551	1,010	2,531	4,111	3,146	1,431	1,138	1,214	1,359	1,041	518	509	18,559
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	17,289	20,900	22,913	28,699	30,419	28,284	29,653	34,247	40,183	37,817	17,900	16,473	324,777

SARAWAK
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.4.

ISSCAAP GROUP NO.	Jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan Local Name													
24	Kebasi/Selangat	14	27	6	5	12	8	18	9	10	8	4	3	124
	Puput/B. Mata/Tirok	20	82	62	162	180	157	146	207	170	199	57	154	1,596
	Terubok	7	32	22	46	45	20	89	47	46	32	18	8	412
25	Siakap	2	1	1	8	5	1	1	11	6	11	4	1	52
31	Lidah	5	4	21	9	7	12	12	15	10	18	25	9	147
	Sebelah	7	7	19	6	7	7	21	14	14	14	15	10	141
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	0	0	0	3	88	1	55	72	160	156	159	76	770
	Daun Baharu	1	1	0	6	5	2	1	7	3	4	3	7	40
	Delah/Pinang-Pinang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Duri/Pulutan/Utik	128	164	182	242	267	259	412	333	333	318	120	72	2,830
	Dengkis/Debam	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	101	263	249	426	240	161	237	276	284	149	121	148	2,655
	Gerut-Gerut	5	5	1	1	1	1	2	4	4	2	0	1	27
	Jenahak	10	10	22	18	15	8	12	6	28	7	11	8	155
	Kaci	6	1	1	3	5	2	1	0	9	28	1	1	58
	Kerapu	11	15	18	15	17	27	26	35	24	45	38	7	278
	Kerisi	20	38	27	73	31	27	45	35	54	37	18	18	423
	Kerisi Bali	16	7	9	33	36	10	11	9	20	23	10	0	184
	Kikek	3	2	0	0	1	5	0	0	0	5	0	1	17
	Malong	35	75	68	129	74	90	82	83	54	54	65	48	857
	Merah	70	58	56	93	74	72	89	76	109	121	38	54	910
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	1	3	3	3	3	4	10	4	6	7	2	2	48
	Shrumbu/Lemah	14	16	22	42	30	21	51	38	31	33	21	20	339
	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
34	Alu-Alu/Kacang-Kacang	6	9	15	22	17	21	23	16	20	23	7	9	188
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	49	84	85	191	155	175	371	213	202	185	133	47	1,890
	Belanak/Kedera	1	0	0	0	4	2	3	3	1	2	0	0	16
	Cermin/Sagai/Cupak	2	1	1	0	2	4	1	0	5	3	0	0	19

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

107	Cincaru	16	11	38	39	31	32	37	49	58	56	34	13	414
	Demudok/Rambai	4	15	13	17	20	7	29	28	16	22	13	13	197
	Kurau/Senangin/Senohong	34	27	28	69	38	46	63	66	59	43	20	17	510
	Pelata/Selar	18	40	136	123	72	114	90	36	81	101	66	63	940
	Selar Kuning/Lolong	1	2	2	0	5	5	1	11	7	9	9	3	55
	Selayang/Curut	5	21	9	32	3	15	6	3	7	1	7	5	114
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	20	47	35	39	67	53	45	86	84	31	15	5	527
	35 Bilis/Bunga Air	23	64	1	0	0	3	0	0	87	28	12	14	232
	Parang-Parang	18	27	37	61	46	31	27	59	43	46	30	6	431
	Tamban	59	92	196	41	23	125	193	1	373	491	555	448	2,597
	Bulan-Bulan	2	0	0	0	0	0	0	0	0	0	2	0	4
	36 Aya/Kayu/Tongkol	71	107	62	139	106	109	182	172	179	206	142	44	1,519
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0
	37 Kembong/Temenong/Pelaling	130	157	187	175	130	237	419	204	461	565	384	221	3,270
	Tenggiri	64	114	107	229	258	156	233	246	234	221	81	85	2,028
	Timah/Layor/Selayor	38	76	71	114	135	126	180	118	168	45	32	25	1,128
	38 Pari	94	137	140	226	239	172	191	173	210	173	99	91	1,945
	Yu	67	145	111	206	174	184	276	353	175	185	94	65	2,035
	39 Ikan Baja	1,228	1,208	1,635	3,063	2,844	2,361	2,839	2,505	2,413	1,880	1,828	1,365	25,169
	Ikan Campur	510	662	1,074	1,477	1,706	1,070	1,548	1,241	1,417	1,351	892	751	13,699
	Jebong	0	0	0	0	0	0	0	0	0	0	0	0	0
	42 Ketam	48	52	48	52	68	70	63	22	68	52	51	46	640
	45 Udang Karang/Lobok	1	5	4	0	1	0	0	0	0	0	1	1	13
	Udang Putih	194	401	438	356	319	350	409	361	369	339	350	353	4,239
	Udang Minyak	17	10	14	16	3	2	0	2	0	0	0	0	64
	Udang Merah Ros	63	17	24	20	6	3	4	4	10	16	22	39	228
	Udang Kulit Keras	164	272	244	198	133	90	85	129	133	114	92	175	1,829
	Udang Harimau	0	1	0	0	0	0	0	1	0	0	6	1	9
	Lain-Lain Jenis Udang	544	1,709	1,771	1,579	481	351	179	220	295	334	308	427	8,198
	Udang Baring	202	433	264	369	20	45	35	23	7	5	35	66	1,504
	56 Siput/Kepah/Kupang/Tiram	14	11	16	19	14	15	15	15	18	12	19	8	176
	57 Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	7	8	6	4	9	11	8	12	12	14	6	4	101
	Sotong Biasa	23	46	247	125	95	28	46	86	74	76	797	41	1,684
	76 Ubur-Ubur	867	1,188	172	125	84	71	154	650	323	502	1,651	162	5,949
	Jumlah Tan M/Total Tonnes	5,080	8,010	8,020	10,449	8,451	6,979	9,076	8,389	8,984	8,402	8,523	5,261	95,624

SABAH
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.5.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	62	103	128	58	122	130	126	91	131	71	55	57	1,134
	Puput/B. Mata/Tirok	79	77	148	185	187	195	153	51	71	34	47	60	1,287
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	136	116	137	106	145	159	165	113	134	107	101	99	1,518
31	Lidah	2	3	2	1	0	1	0	0	0	2	0	4	15
	Sebelah	58	43	43	44	55	59	49	68	51	73	58	59	660
33	Bayan	1	0	1	1	1	0	0	3	2	0	0	0	9
	Biji Nangka	53	31	58	52	77	25	33	100	91	27	65	10	622
	Daun Baharu	3	0	6	8	3	2	2	4	5	5	8	1	47
	Delah/Pinang-Pinang	18	22	32	112	63	55	78	122	68	119	77	65	831
	Duri/Pulutan/Utik	229	198	204	235	263	237	237	254	212	189	199	208	2,665
	Dengkis/Debam	44	34	40	35	36	41	46	38	45	41	25	34	459
	Gelama/Tengkerong/Selampai	84	96	101	176	143	120	139	110	123	127	138	84	1,441
	Gerut-Gerut	61	59	57	72	130	125	35	48	59	42	33	44	765
	Jenahak	206	212	232	210	248	226	237	230	254	246	226	191	2,718
	Kaci	1	3	3	4	4	3	2	7	3	5	1	0	36
	Kerapu	279	241	279	293	372	294	293	290	247	288	234	209	3,319
	Kerisi	457	572	581	662	675	559	548	642	514	467	529	469	6,675
	Kerisi Bali	0	0	9	0	14	8	12	19	19	18	5	0	104
	Kikek	49	57	41	46	43	50	59	53	43	58	51	61	611
	Malong	51	63	69	85	60	51	44	67	52	47	45	41	675
	Merah	135	174	222	209	237	176	238	188	215	237	192	185	2,408
	Mengkerong/Conor/Ubi-Ubi	41	53	74	69	68	56	40	32	54	40	32	34	593
	Remong/Kunyit-Kunyit/Tanda	34	43	48	34	40	44	33	27	42	37	28	28	438
	Semilang	136	149	152	135	184	168	168	123	82	104	73	55	1,529
	Shrumbu/Lemah	8	9	4	2	9	6	3	7	5	2	3	3	61
	Puntong Damar/Bulus	2	0	4	5	5	2	6	1	2	2	3	3	35
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	114	121	107	159	194	140	134	155	153	137	136	149	1,699
	Arvan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	192	159	189	180	143	140	150	133	136	159	120	103	1,804
	Belanak/Kedera	233	223	261	181	334	334	304	146	194	166	127	128	2,631
	Cermin/Sagai/Cupak	0	0	17	9	0	0	0	0	0	0	0	0	26

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

	Cincaru	257	264	214	213	285	193	180	239	148	151	145	134	2,423
	Demudok/Rambai	156	220	236	222	245	271	192	229	222	293	248	193	2,727
	Kurau/Senangin/Senohong	252	224	240	172	295	329	290	237	221	228	193	179	2,860
	Pelata/Selar	189	329	320	236	253	225	228	256	265	140	137	163	2,741
	Selar Kuning/Lolong	32	40	10	20	13	7	13	15	30	33	38	20	271
	Selayang/Curut	933	1,122	1,017	1,002	925	1,132	1,120	1,270	1,022	1,201	1,105	1,105	12,954
	Pisang-Pisang	19	49	13	17	19	29	14	7	12	10	9	8	206
	Talang	140	133	191	141	151	183	184	170	163	172	108	116	1,852
35	Bilis/Bunga Air	188	153	201	403	260	209	198	105	331	279	276	253	2,856
	Parang-Parang	0	0	2	2	3	2	4	1	4	0	1	0	19
	Tamban	1,425	1,050	934	1,132	1,085	1,020	954	1,159	878	1,283	1,314	1,072	13,306
	Bulan-Bulan	4	19	4	7	5	3	4	4	4	4	3	7	68
36	Aya/Kayu/Tongkol	1,362	1,451	1,061	914	885	770	774	810	600	818	1,109	1,010	11,564
	Layaran/Mersuji	11	23	12	15	15	9	7	24	9	14	16	15	170
37	Kembong/Temenong/Pelaling	768	814	683	994	889	759	698	855	854	808	614	564	9,300
	Tenggiri	323	641	394	369	351	334	349	278	283	287	372	349	4,330
	Timah/Layor/Selayor	15	16	12	15	14	17	14	18	11	12	20	13	177
38	Pari	115	141	155	91	129	132	139	157	158	171	195	151	1,734
	Yu	188	222	179	142	181	211	224	185	218	206	234	183	2,373
39	Ikan Baja	1,104	1,293	1,162	2,195	1,553	1,565	978	1,037	1,463	1,079	1,340	1,141	15,910
	Ikan Campur	550	779	762	950	892	793	711	783	735	808	730	684	9,177
	Jebong	20	58	22	21	29	23	20	34	18	19	27	17	308
42	Ketam	307	332	280	325	312	333	334	295	300	270	244	261	3,593
45	Udang Karang/Lobok	12	14	13	22	24	17	13	18	16	19	29	26	223
	Udang Putih	712	686	722	534	556	588	669	652	834	579	555	619	7,706
	Udang Minyak	58	70	65	94	45	76	93	15	46	28	2	1	593
	Udang Merah Ros	21	27	37	33	34	31	35	30	37	34	34	31	384
	Udang Kulit Keras	10	10	9	8	11	13	7	6	5	6	8	12	105
	Udang Harimau	24	21	18	21	20	23	26	21	21	21	21	19	256
	Lain-Lain Jenis Udang	244	204	217	261	250	258	301	266	227	240	299	200	2,967
	Udang Baring	53	26	21	2	2	2	0	2	3	3	299	66	479
56	Siput/Kepah/Kupang/Tiram	31	23	18	36	29	26	34	37	43	38	149	48	512
57	Sotong Kereta	18	20	25	23	26	26	23	19	19	18	20	20	257
	Sotong Katak	113	149	182	174	150	187	133	151	123	132	150	113	1,757
	Sotong Biasa	267	326	461	479	413	368	305	314	254	304	348	311	4,150
76	Ubur-Ubur	5	5	8	1,573	1,500	17	43	11	11	9	8	15	3,205
	Jumlah Tan M/Total Tonnes	12,694	13,815	13,149	16,226	15,704	13,587	12,645	12,832	12,595	12,567	13,011	11,503	160,328

LABUAN
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.6.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah (Tan) <i>Total</i> (Tonnes)
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	5	1	4	3	3	5	3	3	4	4	7	1	43
	Puput/B. Mata/Tirok	6	0	11	8	16	7	6	12	17	15	21	5	124
	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	2	2	4	2	3	2	2	1	4	2	4	1	29
33	Sebelah	18	24	25	22	29	20	16	22	25	24	28	10	263
	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	24	20	17	22	26	24	18	23	24	24	33	15	270
	Daun Baharu	21	26	26	18	24	25	20	23	21	24	24	11	263
	Delah/Pinang-Pinang	29	30	32	39	46	22	22	27	30	27	25	14	343
	Duri/Pulutan/Utik	41	44	37	16	28	26	32	31	45	30	58	23	411
	Dengkis/Debam	13	18	28	26	33	26	18	25	39	26	32	23	307
	Gelama/Tengkerong/Selampai	37	28	27	27	29	34	23	20	17	22	19	15	298
	Gerut-Gerut	26	18	17	15	23	19	22	25	22	14	22	6	229
	Jenahak	19	14	21	17	23	21	12	14	11	18	15	5	190
	Kaci	20	19	23	17	29	14	15	21	20	18	28	10	234
	Kerapu	42	36	46	44	42	24	30	46	27	33	49	17	436
	Kerisi	67	39	41	48	38	38	34	36	27	35	10	15	428
	Kerisi Bali	51	33	31	37	35	0	16	13	23	24	36	7	306
	Kikek	33	30	22	33	40	23	38	26	32	29	33	18	357
	Malong	1	0	0	0	0	0	0	0	0	0	0	0	1
	Merah	47	44	43	37	34	25	32	31	31	35	30	17	406
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	34	27	28	37	46	28	41	32	44	57	29	15	418
	Semilang	0	0	1	1	1	0	0	0	0	0	0	0	3
	Shrumbu/Lemah	6	6	7	12	12	6	12	16	15	13	20	5	130
	Puntong Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	7	11	13	9	4	9	10	13	15	11	12	8	122
	Alu-Alu/Kacang-Kacang	25	33	54	43	40	29	46	32	39	15	24	4	384
34	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	52	49	77	94	199	45	20	17	31	5	0	0	589
	Belanak/Kedera	4	8	5	6	8	6	8	11	9	16	11	3	95
	Cermin/Sagai/Cupak	61	35	47	68	67	51	67	64	66	80	86	38	730

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

	Cincaru	54	81	140	109	123	53	38	46	78	38	47	12	819
	Demudok/Rambai	36	27	22	23	30	20	27	35	43	31	48	21	363
	Kurcu/Senangin/Senohong	5	6	10	5	6	6	2	1	0	1	6	1	49
	Pelata/Selar	39	57	30	71	62	50	104	133	158	99	83	24	910
	Selar Kuning/Lolong	56	34	22	62	36	35	32	36	38	125	47	15	538
	Selayang/Curut	24	16	19	74	56	36	91	127	117	29	80	42	711
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	0	4	14	4	26	11	12	19	16	16	5	2	129
35	Bilis/Bunga Air	0	0	0	4	10	7	0	0	0	0	0	0	21
	Parang-Parang	6	9	18	8	19	0	3	0	0	5	0	2	70
	Tamban	31	37	68	55	50	215	109	81	125	138	69	26	1,004
	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	106	22	193	45	48	207	146	31	286	61	20	300	1,465
	Layaran/Mersuji	5	4	6	7	8	0	0	4	0	8	0	0	42
37	Kembong/Temenong/Pelaling	161	145	222	317	306	227	232	272	291	192	103	68	2,536
	Tenggiri	61	55	50	48	43	36	49	27	51	52	33	8	513
	Timah/Layor/Selayor	2	2	2	0	0	0	0	0	0	0	0	0	6
38	Pari	46	27	17	33	19	21	9	15	19	20	16	7	249
	Yu	33	25	33	34	35	27	33	13	18	25	27	12	315
39	Ilkan Baja	499	297	266	189	353	67	56	276	573	319	229	615	3,739
	Ilkan Campur	85	57	76	105	98	77	313	77	75	49	82	60	1,154
	Jebong	22	10	7	11	17	17	11	16	17	15	14	7	164
42	Ketam	15	17	23	22	20	23	19	12	17	3	10	11	192
45	Udang Karang/Lobok	10	10	18	16	18	13	8	18	19	2	14	10	156
	Udang Putih	50	65	78	41	32	54	35	43	54	41	43	17	553
	Udang Minyak	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah Ros	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Kulit Keras	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Harimau	16	22	17	20	14	16	8	17	14	12	20	7	183
	Lain-Lain Jenis Udang	56	58	46	45	40	46	23	43	50	30	33	11	481
	Udang Baring	18	16	26	6	0	0	0	0	0	0	4	3	73
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	34	29	47	41	35	28	16	46	38	28	14	9	365
	Sotong Biasa	44	35	40	42	26	25	23	26	30	23	17	14	345
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	2,205	1,762	2,197	2,138	2,408	1,846	1,962	1,998	2,765	1,963	1,720	1,590	24,554

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-Pukat Tarik/ <i>Seine Nets</i>		Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>		Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) <i>Total (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	877	156	0	12	3,022	0	81	0	0	0	4	0	0	0	4,152
	Puput/B. Mata/Tirok	4,540	12	0	0	6,220	0	9	0	0	1	4	0	0	0	10,786
	Terubok	37	0	0	0	391	0	1	0	0	0	0	0	0	0	429
25	Siakap	7	0	0	0	1,198	0	22	89	307	0	45	0	0	0	1,668
31	Lidah	2,408	0	0	29	852	0	0	3	0	8	17	0	0	0	3,317
33	Sebelah	1,471	0	0	0	297	0	83	11	0	0	0	0	0	0	1,862
	Bayan	32	0	0	0	0	0	0	30	7	0	0	0	0	0	69
	Biji Nangka	7,059	0	0	0	2	2	0	124	2	0	0	0	0	0	7,189
	Daun Baharu	299	4	0	1	195	0	14	14	21	0	0	0	0	1	549
	Delah/Pinang-Pinang	103	0	0	5	195	0	20	383	766	0	0	0	0	98	1,570
	Duri/Pulutan/Utik	6,349	48	2	120	5,013	0	189	31	1,546	18	398	0	0	0	13,714
	Dengkis/Debam	309	0	0	95	415	0	87	256	24	0	8	0	0	0	1,194
	Gelama/Tengkerong/Selampai	12,202	10	53	250	4,901	2	123	10	65	61	90	0	0	6	17,773
	Gerut-Gerut	859	0	0	0	528	0	60	32	183	0	0	0	0	0	1,662
	Jenahak	566	0	0	11	1,017	0	14	221	1,691	0	5	0	0	9	3,534
	Kaci	441	0	0	0	57	0	13	117	151	0	0	0	0	1	780
	Kerapu	2,371	0	0	4	883	0	81	828	2,958	0	11	0	0	73	7,209
	Kerisi	22,507	0	0	1	2,505	1	5	2,796	1,448	0	0	0	0	0	29,263
	Kerisi Bali	1,015	0	0	0	11	0	1	26	631	0	0	0	0	0	1,684
	Kikek	1,374	5	43	1	308	72	117	4	0	0	9	0	0	0	1,933
	Malong	2,027	0	0	0	631	0	7	1	750	1	0	0	0	0	3,417
	Merah	1,968	18	0	0	1,272	1	6	461	2,266	0	3	0	0	0	5,995
	Mengkerong/Conor/Ubi-Ubi	8091	0	0	0	38	0	0	76	2	0	0	0	0	0	8,207
	Remong/Kunyit-Kunyit/Tanda	1555	0	0	1	141	2	30	546	557	0	0	0	0	0	2,832
	Semilang	158	2	0	9	1,338	0	86	310	228	1	368	0	0	0	2,500
	Shrumbu/Lemah	509	0	0	0	120	0	13	0	0	0	0	0	0	1	643
	Puntong Damar/Bulus	1483	0	1	3	501	0	1	9	64	1	1	0	0	0	2,064
	Pasir-Pasir/Timun-Timun	773	0	0	0	129	0	14	194	0	0	0	0	0	0	1,110
	Alu-Alu/Kacang-Kacang	2,087	184	0	8	540	46	97	49	945	0	2	0	0	5	3,963
34	Aruan Tasik	307	6	2	0	32	0	0	14	122	0	0	0	0	0	483
	Bawal	4,549	1,230	0	2	3,909	370	70	1	2	15	0	380	0	0	10,528

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

	Belanak/Kedera	240	181	0	9	3,774	0	103	2	0	21	99	0	0	4	4,433
	Cermin/Sagai/Cupak	1,176	95	0	0	337	3	21	173	432	0	0	0	0	0	2,237
	Cincaru	8,391	5,810	1	327	1,159	445	0	0	664	0	0	0	0	9	16,806
	Demudok/Rambai	1,688	435	0	68	528	131	44	112	1,598	0	4	0	0	25	4,633
	Kurau/Senangin/Senohong	302	2	0	4	4,024	0	65	0	324	0	3	0	0	0	4,724
	Pelata/Selar	3,614	10,519	16	0	1,778	1,564	9	16	1,918	1	0	49	0	4	19,488
	Selar Kuning/Lolong	7,265	15,627	0	0	78	4,192	4	258	128	0	1	1	0	0	27,554
	Selayang/Curut	6,268	49,681	12	6	63	4,979	0	0	628	0	0	4	0	0	61,641
	Pisang-Pisang	80	401	0	0	150	0	0	20	187	0	0	0	0	0	838
	Talang	479	22	0	21	2,339	54	75	0	164	0	1	0	0	0	3,155
35	Bilis/Bunga Air	383	0	18,117	21	231	3,547	64	0	0	0	0	0	0	0	22,363
	Parang-Parang	1,904	78	39	0	2,135	3	2	0	30	0	0	0	0	0	4,191
	Tamban	1,856	22,563	856	0	2,752	6,529	59	0	66	0	0	0	0	0	34,681
	Bulan-Bulan	17	30	0	0	5	0	45	0	0	0	1	0	0	0	98
36	Aya/Kayu/Tongkol	134	9,043	191	4,890	6,187	671	0	0	4,703	0	0	2	0	0	25,821
	Layaran/Mersuji	7	0	0	0	146	0	0	0	79	0	0	0	0	0	232
37	Kembong/Temenong/Pelaling	22,973	30,518	135	577	36,817	1,425	64	0	1,105	0	0	29	0	3	93,646
	Tenggiri	3,345	529	2	1	8,302	5	0	1	3,417	0	0	5	0	0	15,607
	Timah/Layor/Selayor	4,827	261	29	0	972	32	27	0	5	3	0	0	0	0	6,156
38	Pari	9,632	2	0	11	1,964	0	60	74	2,230	26	1	0	0	0	14,000
	Yu	3,188	0	0	1	2,786	0	6	21	876	0	11	0	0	0	6,889
39	Ikan Baja	290,641	3,921	74	7,697	5,786	809	34	0	0	3,749	774	879	0	0	314,364
	Ikan Campur	31,556	3,772	26	281	7,243	87	561	310	1,481	263	147	210	0	17	45,954
	Jebong	1,080	1	0	2	128	0	5	187	51	0	0	0	0	0	1,454
42	Ketam	4,032	0	0	31	1,492	0	108	806	0	17	234	0	6	2,856	9,582
45	Udang Karang/Lobok	1,076	0	0	0	108	0	0	0	0	0	0	0	0	19	1,203
	Udang Putih	6,984	2	0	135	10,474	0	75	0	0	337	38	370	0	568	18,983
	Udang Minyak	9,675	0	0	3,788	425	0	0	0	0	979	14	6	0	0	14,887
	Udang Merah Ros	3,994	0	0	64	776	0	108	0	0	384	56	5	0	0	5,387
	Udang Kulit Keras	3,407	0	0	874	180	0	4	0	0	644	0	166	0	0	5,275
	Udang Harimau	698	0	0	4	31	0	23	1	0	13	0	5	0	0	775
	Lain-Lain Jenis Udang	22,778	28	0	4,626	3,613	0	243	3	0	2,931	67	1,264	0	19	35,572
	Udang Baring	381	0	0	0	774	297	1,311	0	0	15,580	0	1,141	0	182	19,666
56	Siput/Kepah/Kupang/Tiram	270	0	0	0	0	0	0	0	0	0	0	0	9,087	35	9,392
57	Sotong Kereta	518	0	0	12	0	25	0	1	80	19	0	0	0	0	655
	Sotong Katak	14,162	3	0	88	96	53	0	423	197	48	1	6	0	25	15,102
	Sotong Biasa	29,943	1,046	0	14	71	1,050	102	144	3,538	16	0	0	0	0	35,924
76	Ubur-Ubur	631	1	0	0	1,272	0	23	0	27	3,160	1,726	745	0	2,553	10,138
	Jumlah Tan M/Total Tonnes	587,928	156,246	19,599	24,104	145,657	26,397	4,489	9,188	38,664	28,297	4,143	5,267	9,093	6,513	1,065,585

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6.1

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-Pukat Tarik/ <i>Seine Nets</i>		Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>		Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	797	156	0	5	1,891	0	0	0	0	0	2	0	0	0	2,851
	Puput/B. Mata/Tirok	2,616	12	0	0	5,150	0	0	0	0	1	0	0	0	0	7,779
	Terubok	0	0	0	0	17	0	0	0	0	0	0	0	0	0	17
	25 Siakap	6	0	0	0	30	0	6	1	10	0	45	0	0	0	98
	31 Lidah	2,258	0	0	29	811	0	0	3	0	8	17	0	0	0	3,126
	Sebelah	773	0	0	0	20	0	0	5	0	0	0	0	0	0	798
	33 Bayan	25	0	0	0	0	0	0	30	5	0	0	0	0	0	60
	Biji Nangka	5,397	0	0	0	2	2	0	124	2	0	0	0	0	0	5,527
	Dauu Baharu	128	4	0	1	50	0	0	14	2	0	0	0	0	0	199
	Delah/Pinang-Pinang	11	0	0	0	9	0	0	363	13	0	0	0	0	0	396
	Duri/Pulutan/Utik	4,274	47	2	118	2,229	0	12	27	773	18	308	0	0	0	7,808
	Dengkis/Debam	237	0	0	0	20	0	3	161	7	0	0	0	0	0	428
	Gelama/Tengkerong/Selampai	8,523	7	53	248	4,289	2	42	10	65	61	79	0	0	0	13,379
	Gerut-Gerut	456	0	0	0	32	0	1	24	128	0	0	0	0	0	641
	Jenahak	148	0	0	0	72	0	4	93	154	0	0	0	0	0	471
	Kaci	320	0	0	0	0	0	0	104	28	0	0	0	0	0	452
	Kerapu	1,919	0	0	0	28	0	1	687	541	0	0	0	0	0	3,176
	Kerisi	17,166	0	0	0	946	1	0	2,792	832	0	0	0	0	0	21,737
	Kerisi Bali	918	0	0	0	11	0	1	26	134	0	0	0	0	0	1,090
	Kikek	729	4	43	0	59	61	48	4	0	0	0	0	0	0	948
	Malong	1,027	0	0	0	316	0	7	1	532	1	0	0	0	0	1,884
	Merah	1,275	17	0	0	6	0	4	272	697	0	0	0	0	0	2,271
	Mengkerong/Conor/Ubi-Ubi	7,498	0	0	0	38	0	0	76	2	0	0	0	0	0	7,614
	Remong/Kunyit-Kunyit/Tanda	1,353	0	0	0	29	2	1	471	120	0	0	0	0	0	1,976
	Semilang	149	0	0	9	177	0	2	148	76	1	358	0	0	0	920
	Shrumbu/Lemah	110	0	0	0	3	0	0	0	0	0	0	0	0	0	113
	Puntong Damar/Bulus	1,483	0	1	3	466	0	1	9	64	1	1	0	0	0	2,029
	Pasir-Pasir/Timun-Timun	716	0	0	0	78	0	0	194	0	0	0	0	0	0	988
34	Alu-Alu/Kacang-Kacang	1,116	49	0	8	324	2	13	49	131	0	0	0	0	0	1,692
	Aruan Tasik	307	6	2	0	32	0	0	14	122	0	0	0	0	0	483
	Bawal	3,761	826	0	2	1,586	26	26	1	2	15	0	0	0	0	6,245

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

	Belanak/Kedera	237	180	0	9	1,176	0	6	0	0	21	62	0	0	0	1,691
	Cermin/Sagai/Cupak	899	95	0	0	84	3	4	152	225	0	0	0	0	0	1,462
	Cincaru	7,337	4,806	1	1	413	1	0	0	591	0	0	0	0	0	13,150
	Demudok/Rambai	563	395	0	3	68	3	3	99	211	0	1	0	0	0	1,346
	Kurau/Senangin/Senohong	242	1	0	4	1,017	0	0	0	39	0	2	0	0	0	1,305
	Pelata/Selar	2,791	9,324	16	0	1,082	375	0	16	1,292	1	0	0	0	0	14,897
	Selar Kuning/Lolong	6,744	15,479	0	0	78	4,074	0	258	57	0	0	0	0	0	26,690
	Selayang/Curut	3,972	42,718	12	0	11	521	0	0	628	0	0	0	0	0	47,862
	Pisang-Pisang	37	401	0	0	77	0	0	20	97	0	0	0	0	0	632
	Talang	270	21	0	6	321	0	2	0	26	0	1	0	0	0	647
35	Bilis/Bunga Air	351	0	18,117	0	0	786	0	0	0	0	0	0	0	0	19,254
	Parang-Parang	1,772	78	39	0	1,747	3	2	0	30	0	0	0	0	0	3,671
	Tamban	1,840	13,689	856	0	365	980	0	0	44	0	0	0	0	0	17,774
	Bulan-Bulan	14	12	0	0	0	0	0	0	0	0	0	0	0	0	26
36	Aya/Kayu/Tongkol	66	5,896	191	0	1,545	114	0	0	3,461	0	0	0	0	0	11,273
	Layaran/Mersuji	7	0	0	0	2	0	0	0	11	0	0	0	0	0	20
37	Kembong/Temenong/Pelaling	19,435	24,260	135	1	34,109	8	0	0	592	0	0	0	0	0	78,540
	Tenggiri	2,480	435	2	0	3,980	1	0	1	1,837	0	0	0	0	0	8,736
	Timah/Layor/Selayor	3,915	256	29	0	594	20	23	0	5	3	0	0	0	0	4,845
38	Pari	7,101	0	0	10	1,231	0	1	74	1,629	26	0	0	0	0	10,072
	Yu	1,508	0	0	1	422	0	0	21	214	0	0	0	0	0	2,166
39	Ikan Baja	247,690	3,333	74	7,692	5,783	0	10	0	0	3,311	774	879	0	0	269,546
	Ikan Campur	17,644	768	26	34	2,815	52	75	278	95	92	43	2	0	0	21,924
	Jebong	792	1	0	2	5	0	0	181	1	0	0	0	0	0	982
42	Ketam	2,610	0	0	31	1,280	0	2	400	0	17	233	0	0	584	5,157
45	Udang Karang/Lobok	699	0	0	0	107	0	0	0	0	0	0	0	0	5	811
	Udang Putih	1,884	1	0	135	3,727	0	46	0	0	259	32	370	0	31	6,485
	Udang Minyak	9,239	0	0	3,788	204	0	0	0	0	979	14	6	0	0	14,230
	Udang Merah Ros	3,389	0	0	64	769	0	108	0	0	384	56	5	0	0	4,775
	Udang Kulit Keras	1,868	0	0	874	153	0	1	0	0	279	0	166	0	0	3,341
	Udang Harimau	285	0	0	4	15	0	4	1	0	13	0	5	0	0	327
	Lain-Lain Jenis Udang	13,269	26	0	4,626	3,051	0	145	3	0	1,461	64	1,264	0	17	23,926
	Udang Baring	0	0	0	0	0	0	1,212	0	0	15,330	0	1,068	0	0	17,610
56	Siput/Kepah/Kupang/Tiram	8	0	0	0	0	0	0	0	0	0	0	0	8,696	0	8,704
57	Sotong Kereta	366	0	0	12	0	0	0	1	0	19	0	0	0	0	398
	Sotong Katak	12,216	0	0	88	94	2	0	423	1	48	1	6	0	0	12,879
	Sotong Biasa	24,289	961	0	11	52	875	5	144	3,392	16	0	0	0	0	29,745
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	984	0	0	0	0	984
	Jumlah Tan M/Total Tonnes	463,325	124,264	19,599	17,819	85,098	7,914	1,821	7,775	18,918	23,349	2,093	3,771	8,696	637	785,079

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6.2.

ISSCAAP GROUP NO.	Jenis Ikan Species	Pukat Tunda <i>Trawl Nets</i>	Pukat-Pukat Tarik/ Seine Nets		Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap Traps		Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan Local Name		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	788	156	0	5	1,891	0	0	0	0	0	2	0	0	0	2,842
	Puput/B. Mata/Tirok	2,344	12	0	0	5,111	0	0	0	0	1	0	0	0	0	7,468
	Terubok	0	0	0	0	17	0	0	0	0	0	0	0	0	0	17
25	Siakap	3	0	0	0	30	0	1	0	10	0	45	0	0	0	89
31	Lidah	1,961	0	0	29	754	0	0	0	0	8	17	0	0	0	2,769
	Sebelah	279	0	0	0	5	0	0	0	0	0	0	0	0	0	284
33	Bayan	8	0	0	0	0	0	0	2	0	0	0	0	0	0	10
	Biji Nangka	2,139	0	0	0	0	0	0	0	0	0	0	0	0	0	2,139
	Daun Baharu	32	0	0	1	43	0	0	6	0	0	0	0	0	0	82
	Delah/Pinang-Pinang	0	0	0	0	8	0	0	15	0	0	0	0	0	0	23
	Duri/Pulutan/Utik	2,295	6	0	117	1,933	0	11	20	557	18	308	0	0	0	5,265
	Dengkis/Debam	44	0	0	0	15	0	0	42	5	0	0	0	0	0	106
	Gelama/Tengkerong/Selampai	6,831	7	0	240	3,771	0	38	0	49	55	79	0	0	0	11,070
	Gerut-Gerut	305	0	0	0	26	0	1	23	120	0	0	0	0	0	475
	Jenahak	122	0	0	0	72	0	3	90	147	0	0	0	0	0	434
	Kaci	20	0	0	0	0	0	0	36	1	0	0	0	0	0	57
	Kerapu	1,291	0	0	0	22	0	1	313	138	0	0	0	0	0	1,765
	Kerisi	9,192	0	0	0	80	0	0	0	0	0	0	0	0	0	9,272
	Kerisi Bali	381	0	0	0	0	0	0	6	39	0	0	0	0	0	426
	Kikek	37	0	0	0	1	0	47	0	0	0	0	0	0	0	85
	Malong	888	0	0	0	313	0	7	0	524	1	0	0	0	0	1,733
	Merah	520	11	0	0	5	0	1	36	42	0	0	0	0	0	615
	Mengkerong/Conor/Ubi-Ubi	5,430	0	0	0	38	0	0	0	1	0	0	0	0	0	5,469
	Remong/Kunyit-Kunyit/Tanda	207	0	0	0	0	0	1	18	8	0	0	0	0	0	234
	Semilang	146	0	0	9	177	0	0	148	76	1	358	0	0	0	915
	Shrumbu/Lemah	109	0	0	0	3	0	0	0	0	0	0	0	0	0	112
	Puntong Damar/Bulus	916	0	0	3	207	0	1	2	64	1	1	0	0	0	1,195
	Pasir-Pasir/Timun-Timun	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
34	Alu-Alu/Kacang-Kacang	549	4	0	8	264	0	10	1	59	0	0	0	0	0	895
	Aruan Tasik	83	6	0	0	27	0	0	1	5	0	0	0	0	0	122
	Bawal	3,607	623	0	1	1,569	0	26	0	0	15	0	0	0	0	5,841

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

	Belanak/Kedera	236	180	0	9	1,133	0	0	0	0	21	62	0	0	0	1,641
	Cermin/Sagai/Cupak	150	0	0	0	27	0	4	41	0	0	0	0	0	0	222
	Cincaru	6,175	3,224	0	0	271	0	0	0	0	0	0	0	0	0	9,670
	Demudok/Rambai	492	32	0	3	43	0	3	3	17	0	1	0	0	0	594
	Kurau/Senangin/Senohong	236	1	0	3	985	0	0	0	38	0	2	0	0	0	1,265
	Pelata/Selar	1,893	3,815	0	0	99	0	0	3	0	1	0	0	0	0	5,811
	Selar Kuning/Lolong	2,033	1,691	0	0	2	0	0	0	0	0	0	0	0	0	3,726
	Selayang/Curut	3,239	6,738	0	0	2	0	0	0	0	0	0	0	0	0	9,979
	Pisang-Pisang	2	401	0	0	76	0	0	0	0	0	0	0	0	0	479
	Talang	223	6	0	6	305	0	1	0	22	0	1	0	0	0	564
35	Bilis/Bunga Air	322	0	11,660	0	0	0	0	0	0	0	0	0	0	0	11,982
	Parang-Parang	1,249	6	0	0	1,049	0	2	0	1	0	0	0	0	0	2,307
	Tamban	1,820	1,725	0	0	308	0	0	0	0	0	0	0	0	0	3,853
	Bulan-Bulan	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
36	Aya/Kayu/Tongkol	36	2,532	0	0	371	0	0	0	0	0	0	0	0	0	2,939
	Layaran/Mersuji	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
37	Kembong/Temenong/Pelaling	18,322	14,429	0	1	31,019	0	0	0	0	0	0	0	0	0	63,771
	Tenggiri	1,718	184	0	0	3,292	0	0	0	28	0	0	0	0	0	5,222
	Timah/Layor/Selayor	2,707	11	0	0	122	0	22	0	0	0	0	0	0	0	2,862
38	Pari	3,565	0	0	9	333	0	0	51	1,120	26	0	0	0	0	5,104
	Yu	594	0	0	1	98	0	0	12	64	0	0	0	0	0	769
39	Ikan Baja	139,891	3,183	6	7,293	5,783	0	10	0	0	2,741	774	879	0	0	160,560
	Ikan Campur	6,594	580	0	34	2,516	0	71	9	27	66	43	2	0	0	9,942
	Jebong	458	1	0	2	5	0	0	34	1	0	0	0	0	0	501
42	Ketam	1,633	0	0	31	1,227	0	1	68	0	17	233	0	0	541	3,751
45	Udang Karang/Lobok	33	0	0	0	0	0	0	0	0	0	0	0	0	0	33
	Udang Putih	1,315	1	0	135	3,571	0	44	0	0	245	32	370	0	30	5,743
	Udang Minyak	8,507	0	0	3,788	196	0	0	0	0	940	14	6	0	0	13,451
	Udang Merah Ros	2,053	0	0	64	700	0	108	0	0	320	56	5	0	0	3,306
	Udang Kulit Keras	1,406	0	0	874	84	0	1	0	0	279	0	166	0	0	2,810
	Udang Harimau	135	0	0	4	9	0	0	0	0	11	0	5	0	0	164
	Lain-Lain Jenis Udang	11,082	26	0	4,626	3,018	0	123	0	0	1,428	64	1,264	0	11	21,642
	Udang Baring	0	0	0	0	0	0	1,212	0	0	14,584	0	1,068	0	0	16,864
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	8,696	0	8,696
57	Sotong Kereta	274	0	0	12	0	0	0	0	0	18	0	0	0	0	304
	Sotong Katak	5,454	0	0	88	94	0	0	94	0	48	1	6	0	0	5,785
	Sotong Biasa	10,948	158	0	11	48	0	5	0	0	16	0	0	0	0	11,186
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	984	0	0	0	0	984
	Jumlah Tan M/Total Tonnes	275,330	39,749	11,666	17,407	73,171	0	1,755	1,074	3,163	21,845	2,093	3,771	8,696	582	460,302

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6.3

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-Pukat Tarik/ <i>Seine Nets</i>		Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>		Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) <i>Total (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
	Puput/B. Mata/Tirok	272	0	0	0	39	0	0	0	0	0	0	0	0	0	311
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	3	0	0	0	0	0	5	1	0	0	0	0	0	0	9
31	Lidah	297	0	0	0	57	0	0	3	0	0	0	0	0	0	357
33	Sebelah	494	0	0	0	15	0	0	5	0	0	0	0	0	0	514
	Bayan	17	0	0	0	0	0	0	28	5	0	0	0	0	0	50
	Biji Nangka	3,258	0	0	0	2	2	0	124	2	0	0	0	0	0	3,388
	Daun Baharu	96	4	0	0	7	0	0	8	2	0	0	0	0	0	117
	Delah/Pinang-Pinang	11	0	0	0	1	0	0	348	13	0	0	0	0	0	373
	Duri/Pulutan/Utik	1,979	41	2	1	296	0	1	7	216	0	0	0	0	0	2,543
	Dengkis/Debam	193	0	0	0	5	0	3	119	2	0	0	0	0	0	322
	Gelama/Tengkerong/Selampai	1,692	0	53	8	518	2	4	10	16	6	0	0	0	0	2,309
	Gerut-Gerut	151	0	0	0	6	0	0	1	8	0	0	0	0	0	166
	Jenahak	26	0	0	0	0	0	1	3	7	0	0	0	0	0	37
	Kaci	300	0	0	0	0	0	0	68	27	0	0	0	0	0	395
	Kerapu	628	0	0	0	6	0	0	374	403	0	0	0	0	0	1,411
	Kerisi	7,974	0	0	0	866	1	0	2,792	832	0	0	0	0	0	12,465
	Kerisi Bali	537	0	0	0	11	0	1	20	95	0	0	0	0	0	664
	Kikek	692	4	43	0	58	61	1	4	0	0	0	0	0	0	863
	Malong	139	0	0	0	3	0	0	1	8	0	0	0	0	0	151
	Merah	755	6	0	0	1	0	3	236	655	0	0	0	0	0	1,656
	Mengkerong/Conor/Ubi-Ubi	2,068	0	0	0	0	0	0	76	1	0	0	0	0	0	2,145
	Remong/Kunyit-Kunyit/Tanda	1,146	0	0	0	29	2	0	453	112	0	0	0	0	0	1,742
	Semilang	3	0	0	0	0	0	2	0	0	0	0	0	0	0	5
	Shrumbu/Lemah	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Puntong Damar/Bulus	567	0	1	0	259	0	0	7	0	0	0	0	0	0	834
	Pasir-Pasir/Timun-Timun	716	0	0	0	77	0	0	194	0	0	0	0	0	0	987
	Alu-Alu/Kacang-Kacang	567	45	0	0	60	2	3	48	72	0	0	0	0	0	797
	Arvan Tasik	224	0	2	0	5	0	0	13	117	0	0	0	0	0	361
	Bawal	154	203	0	1	17	26	0	1	2	0	0	0	0	0	404

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

	Belanak/Kedera	1	0	0	0	43	0	6	0	0	0	0	0	0	0	50
	Cermin/Sagai/Cupak	749	95	0	0	57	3	0	111	225	0	0	0	0	0	1,240
	Cincaru	1,162	1,582	1	1	142	1	0	0	591	0	0	0	0	0	3,480
	Demudok/Rambai	71	363	0	0	25	3	0	96	194	0	0	0	0	0	752
	Kurau/Senangin/Senohong	6	0	0	1	32	0	0	0	1	0	0	0	0	0	40
	Pelata/Selar	898	5,509	16	0	983	375	0	13	1,292	0	0	0	0	0	9,086
	Selar Kuning/Lolong	4,711	13,788	0	0	76	4,074	0	258	57	0	0	0	0	0	22,964
	Selayang/Curut	733	35,980	12	0	9	521	0	0	628	0	0	0	0	0	37,883
	Pisang-Pisang	35	0	0	0	1	0	0	20	97	0	0	0	0	0	153
	Talang	47	15	0	0	16	0	1	0	4	0	0	0	0	0	83
35	Bilis/Bunga Air	29	0	6,457	0	0	786	0	0	0	0	0	0	0	0	7,272
	Parang-Parang	523	72	39	0	698	3	0	0	29	0	0	0	0	0	1,364
	Tamban	20	11,964	856	0	57	980	0	0	44	0	0	0	0	0	13,921
	Bulan-Bulan	6	12	0	0	0	0	0	0	0	0	0	0	0	0	18
36	Aya/Kayu/Tongkol	30	3,364	191	0	1,174	114	0	0	3,461	0	0	0	0	0	8,334
	Layaran/Mersuji	7	0	0	0	0	0	0	0	11	0	0	0	0	0	18
37	Kembong/Temenong/Pelaling	1,113	9,831	135	0	3,090	8	0	0	592	0	0	0	0	0	14,769
	Tenggiri	762	251	2	0	688	1	0	1	1,809	0	0	0	0	0	3,514
	Timah/Layor/Selayor	1,208	245	29	0	472	20	1	0	5	3	0	0	0	0	1,983
38	Pari	3,536	0	0	1	898	0	1	23	509	0	0	0	0	0	4,968
	Yu	914	0	0	0	324	0	0	9	150	0	0	0	0	0	1,397
39	Ikan Baja	107,799	150	68	399	0	0	0	0	0	570	0	0	0	0	108,986
	Ikan Campur	11,050	188	26	0	299	52	4	269	68	26	0	0	0	0	11,982
	Jebong	334	0	0	0	0	0	0	147	0	0	0	0	0	0	481
42	Ketam	977	0	0	0	53	0	1	332	0	0	0	0	0	43	1,406
45	Udang Karang/Lobok	666	0	0	0	107	0	0	0	0	0	0	0	0	5	778
	Udang Putih	569	0	0	0	156	0	2	0	0	14	0	0	0	1	742
	Udang Minyak	732	0	0	0	8	0	0	0	0	39	0	0	0	0	779
	Udang Merah Ros	1,336	0	0	0	69	0	0	0	0	64	0	0	0	0	1,469
	Udang Kulit Keras	462	0	0	0	69	0	0	0	0	0	0	0	0	0	531
	Udang Harimau	150	0	0	0	6	0	4	1	0	2	0	0	0	0	163
	Lain-Lain Jenis Udang	2,187	0	0	0	33	0	22	3	0	33	0	0	0	6	2,284
	Udang Baring	0	0	0	0	0	0	0	0	0	746	0	0	0	0	746
56	Siput/Kepah/Kupang/Tiram	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
57	Sotong Kereta	92	0	0	0	0	0	0	1	0	1	0	0	0	0	94
	Sotong Katak	6,762	0	0	0	0	2	0	329	1	0	0	0	0	0	7,094
	Sotong Biasa	13,341	803	0	0	4	875	0	144	3,392	0	0	0	0	0	18,559
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	187,995	84,515	7,933	412	11,927	7,914	66	6,701	15,755	1,504	0	0	0	55	324,777

SARAWAK
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY GEARS GROUP AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.6.4

ISSCAAP GROUP NO.	Jenis Ikan Species	Pukat Tunda <i>Trawl Nets</i>	Pukat-Pukat Tarik/ Seine Nets			Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap Traps		Pancing <i>Hooks and Lines</i>	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan M) Total (Tonnes)
	Nama Tempatan Local Name		Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>			Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	0	0	0	0	110	0	14	0	0	0	0	0	0	0	124
	Puput/B. Mata/Tirok	1,032	0	0	0	558	0	6	0	0	0	0	0	0	0	1,596
	Terubok	37	0	0	0	374	0	1	0	0	0	0	0	0	0	412
25	Siakap	1	0	0	0	51	0	0	0	0	0	0	0	0	0	52
31	Lidah	117	0	0	0	30	0	0	0	0	0	0	0	0	0	147
	Sebelah	77	0	0	0	64	0	0	0	0	0	0	0	0	0	141
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	770	0	0	0	0	0	0	0	0	0	0	0	0	0	770
	Daun Baharu	33	0	0	0	7	0	0	0	0	0	0	0	0	0	40
	Delah/Pinang-Pinang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Duri/Pulutan/Utik	1,289	0	0	0	1,455	0	40	0	41	0	5	0	0	0	2,830
	Dengkis/Debam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	2,341	3	0	0	302	0	6	0	0	0	3	0	0	0	2,655
	Gerut-Gerut	10	0	0	0	17	0	0	0	0	0	0	0	0	0	27
	Jenahak	90	0	0	0	17	0	0	0	48	0	0	0	0	0	155
	Kaci	46	0	0	0	4	0	0	0	8	0	0	0	0	0	58
	Kerapu	94	0	0	0	16	0	0	0	167	0	1	0	0	0	278
	Kerisi	330	0	0	0	44	0	0	0	49	0	0	0	0	0	423
	Kerisi Bali	16	0	0	0	0	0	0	0	168	0	0	0	0	0	184
	Kikek	14	0	0	0	3	0	0	0	0	0	0	0	0	0	17
	Malong	578	0	0	0	249	0	0	0	30	0	0	0	0	0	857
	Merah	470	0	0	0	56	0	0	0	383	0	1	0	0	0	910
	Mengkerong/Ubi/Conor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit/Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Semilang	8	2	0	0	13	0	12	0	10	0	3	0	0	0	48
	Shrumbu/Lemah	330	0	0	0	8	0	0	0	0	0	0	0	0	1	339
	Puntung Damar/ Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir/Timun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	162	0	0	0	26	0	0	0	0	0	0	0	0	0	188
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	576	166	0	0	768	0	0	0	0	0	0	380	0	0	1,890
								0								

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

	Belanak/Kedera	0	1	0	0	15	0	0	0	0	0	0	0	0	16	
	Cermin/Sagai/Cupak	14	0	0	0	5	0	0	0	0	0	0	0	0	19	
	Cincaru	318	23	0	0	73	0	0	0	0	0	0	0	0	414	
	Demudok/Rambai	137	0	0	0	26	0	0	0	34	0	0	0	0	197	
	Kurau/Senangin/Senohong	18	1	0	0	490	0	0	0	0	0	1	0	0	510	
	Pelata/Selar	273	366	0	0	252	0	0	0	0	0	0	49	0	940	
	Selar Kuning/Lolong	29	25	0	0	0	0	0	0	0	0	0	1	0	55	
	Selayang/Curut	18	40	0	0	52	0	0	0	0	0	0	4	0	114	
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Talang	87	1	0	0	437	0	0	0	2	0	0	0	0	527	
35	Bilis/Bunga Air	1	0	0	0	231	0	0	0	0	0	0	0	0	232	
	Parang-Parang	84	0	0	0	347	0	0	0	0	0	0	0	0	431	
	Tamban	16	194	0	0	2,387	0	0	0	0	0	0	0	0	2,597	
	Bulan	0	0	0	0	4	0	0	0	0	0	0	0	0	4	
36	Aya/Kayu/Tongkol	64	84	0	0	963	0	0	0	406	0	0	2	0	1,519	
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
37	Kembong/Temenong/Pelaling	854	463	0	0	1,924	0	0	0	0	0	0	29	0	3,270	
	Tenggiri	579	10	0	0	1,281	0	0	0	153	0	0	5	0	2,028	
	Timah/Layor/Selayor	825	0	0	0	302	0	1	0	0	0	0	0	0	1,128	
38	Pari	1,410	0	0	0	484	0	0	0	50	0	1	0	0	1,945	
	Yu	838	0	0	0	1,170	0	6	0	10	0	11	0	0	2,035	
39	Ikan Baja	24,704	0	0	0	3	0	24	0	0	438	0	0	0	25,169	
	Ikan Campur	8497	815	0	0	3472	0	346	0	92	171	98	208	0	13,699	
	Jebong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
42	Ketam	130	0	0	0	105	0	0	398	0	0	1	0	6	640	
45	Udang Karang/Lobok	12	0	0	0	1	0	0	0	0	0	0	0	0	13	
	Udang Putih	1,363	1	0	0	2,759	0	24	0	0	78	6	0	0	4,239	
	Udang Minyak	64	0	0	0	0	0	0	0	0	0	0	0	0	64	
	Udang Merah Ros	221	0	0	0	7	0	0	0	0	0	0	0	0	228	
	Udang Kulit Keras	1,434	0	0	0	27	0	3	0	0	365	0	0	0	1,829	
	Udang Harimau	9	0	0	0	0	0	0	0	0	0	0	0	0	9	
	Lain-Lain Jenis Udang	6,646	2	0	0	49	0	27	0	0	1,470	3	0	0	8,198	
	Udang Baring	381	0	0	0	774	0	99	0	0	250	0	0	0	1,504	
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	176	176	
57	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Sotong Katak	101	0	0	0	0	0	0	0	0	0	0	0	0	101	
	Sotong Biasa	1,667	0	0	0	17	0	0	0	0	0	0	0	0	1,684	
76	Ubur-Ubur	7	0	0	0	1,272	0	23	0	0	2,176	1,247	745	0	5,949	
	Jumlah Tan M/Total Tonnes	59,222	2,197	0	0	23,101	0	632	398	1,651	4,948	1,381	1,423	182	489	95,624

SABAH
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1994
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6.5

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-Pukat Tarik/ <i>Seine Nets</i>		Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>		Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	37	0	0	7	1,021	0	67	0	0	0	2	0	0	0	1,134
	Puput/B. Mata/Tirok	840	0	0	0	441	0	2	0	0	0	4	0	0	0	1,287
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	0	0	0	0	1,117	0	16	88	297	0	0	0	0	0	1,518
31	Lidah	4	0	0	0	11	0	0	0	0	0	0	0	0	0	15
33	Sebelah	489	0	0	0	102	0	69	0	0	0	0	0	0	0	660
	Bayan	7	0	0	0	0	0	0	0	2	0	0	0	0	0	9
	Biji Nangka	622	0	0	0	0	0	0	0	0	0	0	0	0	0	622
	Daun Baharu	20	0	0	0	7	0	0	0	19	0	0	0	0	1	47
	Delah/Pinang-Pinang	4	0	0	5	62	0	4	4	654	0	0	0	0	98	831
	Duri/Pulutan/Utik	588	1	0	2	1,140	0	117	0	732	0	85	0	0	0	2,665
	Dengkis/Debam	10	0	0	95	187	0	63	87	9	0	8	0	0	0	459
	Gelama/Tengkerong/Selampai	1,047	0	0	2	308	0	70	0	0	0	8	0	0	6	1,441
	Gerut-Gerut	312	0	0	0	405	0	45	0	3	0	0	0	0	0	765
	Jenahak	227	0	0	11	928	0	10	111	1,417	0	5	0	0	9	2,718
	Kaci	2	0	0	0	1	0	0	3	29	0	0	0	0	1	36
	Kerapu	186	0	0	4	760	0	67	126	2,093	0	10	0	0	73	3,319
	Kerisi	4,598	0	0	1	1,511	0	5	4	556	0	0	0	0	0	6,675
	Kerisi Bali	0	0	0	0	0	0	0	0	104	0	0	0	0	0	104
	Kikek	422	1	0	1	118	11	49	0	0	0	9	0	0	0	611
	Malong	421	0	0	0	66	0	0	0	188	0	0	0	0	0	675
	Merah	71	1	0	0	1,210	1	2	174	947	0	2	0	0	0	2,408
	Mengkerong/Conor/Ubi-Ubi	593	0	0	0	0	0	0	0	0	0	0	0	0	0	593
	Remong/Kunyit-Kunyit/Tanda	7	0	0	1	3	0	5	63	359	0	0	0	0	0	438
	Semilang	1	0	0	0	1,148	0	69	162	142	0	7	0	0	0	1,529
	Shrumbu/Lemah	0	0	0	0	61	0	0	0	0	0	0	0	0	0	61
	Puntong Damar/Bulus	0	0	0	0	35	0	0	0	0	0	0	0	0	0	35
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Alu-Alu/Kacang-Kacang	640	37	0	0	124	6	71	0	814	0	2	0	0	5	1,699
34	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	106	9	0	0	1,555	90	44	0	0	0	0	0	0	0	1,804

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

	Belanak/Kedera	3	0	0	0	2,503	0	82	2	0	0	37	0	0	4	2,631
	Cermin/Sagai/Cupak	0	0	0	0	0	0	0	0	26	0	0	0	0	0	26
	Cincaru	608	694	0	326	296	417	0	0	73	0	0	0	0	9	2,423
	Demudok/Rambai	734	40	0	65	349	128	18	12	1,353	0	3	0	0	25	2,727
	Kurau/Senangin/Senohong	3	0	0	0	2,509	0	63	0	285	0	0	0	0	0	2,860
	Pelata/Selar	251	354	0	0	415	1,090	1	0	626	0	0	0	0	4	2,741
	Selar Kuning/Lolong	149	18	0	0	0	32	0	0	71	0	1	0	0	0	271
	Selayang/Curut	2,223	6,405	0	6	0	4,320	0	0	0	0	0	0	0	0	12,954
	Pisang-Pisang	43	0	0	0	73	0	0	0	90	0	0	0	0	0	206
	Talang	122	0	0	15	1,452	54	73	0	136	0	0	0	0	0	1,852
35	Bilis/Bunga Air	31	0	0	0	0	2,761	64	0	0	0	0	0	0	0	2,856
	Parang-Parang	6	0	0	0	13	0	0	0	0	0	0	0	0	0	19
	Tamban	0	7,898	0	0	0	5,327	59	0	22	0	0	0	0	0	13,306
	Bulan-Bulan	3	18	0	0	1	0	45	0	0	0	1	0	0	0	68
36	Aya/Kayu/Tongkol	1	1,918	0	4,890	3,362	557	0	0	836	0	0	0	0	0	11,564
	Layaran/Mersuji	0	0	0	0	102	0	0	0	68	0	0	0	0	0	170
37	Kembong/Temenong/Pelaling	2,500	4,206	0	576	288	1,244	64	0	419	0	0	0	0	3	9,300
	Tenggiri	168	46	0	1	2,793	4	0	0	1,318	0	0	0	0	0	4,330
	Timah/Layor/Selayor	87	5	0	0	70	12	3	0	0	0	0	0	0	0	177
38	Pari	877	2	0	1	249	0	54	0	551	0	0	0	0	0	1,734
	Yu	610	0	0	0	1,112	0	0	0	651	0	0	0	0	0	2,373
39	Ilkan Baja	14,508	588	0	5	0	809	0	0	0	0	0	0	0	0	15,910
	Ilkan Campur	4,505	2,188	0	247	825	35	106	20	1,228	0	6	0	0	17	9,177
	Jebong	179	0	0	0	79	0	0	0	50	0	0	0	0	0	308
42	Ketam	1,104	0	0	0	105	0	104	8	0	0	0	0	0	2,272	3,593
45	Udang Karang/Lobok	209	0	0	0	0	0	0	0	0	0	0	0	0	14	223
	Udang Putih	3,184	0	0	0	3,988	0	5	0	0	0	0	0	0	529	7,706
	Udang Minyak	372	0	0	0	221	0	0	0	0	0	0	0	0	0	593
	Udang Merah Ros	384	0	0	0	0	0	0	0	0	0	0	0	0	0	384
	Udang Kulit Keras	105	0	0	0	0	0	0	0	0	0	0	0	0	0	105
	Udang Harimau	221	0	0	0	16	0	19	0	0	0	0	0	0	0	256
	Lain-Lain Jenis Udang	2,382	0	0	0	513	0	71	0	0	0	0	0	0	1	2,967
	Udang Baring	0	0	0	0	0	297	0	0	0	0	0	0	0	182	479
56	Siput/Kepah/Kupang/Tiram	262	0	0	0	0	0	0	0	0	0	0	0	215	35	512
57	Sotong Kereta	152	0	0	0	0	25	0	0	80	0	0	0	0	0	257
	Sotong Katak	1,480	3	0	0	2	51	0	0	196	0	0	0	0	25	1,757
	Sotong Biasa	3,693	34	0	3	2	175	97	0	146	0	0	0	0	0	4,150
76	Ubur-Ubur	624	1	0	0	0	0	0	0	27	0	479	0	0	2,074	3,205
	Jumlah Tan M/Total Tonnes	53,037	24,467	0	6,264	33,659	17,446	1,703	864	16,617	0	669	0	215	5,387	160,328

LABUAN
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1994
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6.6

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	Pukat-Pukat Tarik/ <i>Seine Nets</i>		Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap-perangkap <i>Traps</i>		Pancing <i>Hooks and Lines</i>	Pukat Bakul <i>Bag Nets</i>	Pukat Rentang <i>Barrier Nets</i>	Pukat Surung <i>Push/Scoop Nets</i>	Memungut Siput <i>Shellfish Collection</i>	Rampaian <i>Miscel- laneous</i>	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine Fish</i>	Pukat Jerut Bilis <i>Purse Seine Anchovy</i>				Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>							
24	Kebasi/Selangat	43	0	0	0	0	0	0	0	0	0	0	0	0	0	43
	Puput/B. Mata/Tirok	52	0	0	0	71	0	1	0	0	0	0	0	0	0	124
	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	29	0	0	0	0	0	0	0	0	0	0	0	0	0	29
33	Sebelah	132	0	0	0	111	0	14	6	0	0	0	0	0	0	263
	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	270	0	0	0	0	0	0	0	0	0	0	0	0	0	270
34	Daun Baharu	118	0	0	0	131	0	14	0	0	0	0	0	0	0	263
	Delah/Pinang-Pinang	88	0	0	0	124	0	16	16	99	0	0	0	0	0	343
	Duri/Pulutan/Utik	198	0	0	0	189	0	20	4	0	0	0	0	0	0	411
	Dengkis/Debam	62	0	0	0	208	0	21	8	8	0	0	0	0	0	307
	Gelama/Tengkerong/Selampai	291	0	0	0	2	0	5	0	0	0	0	0	0	0	298
	Gerut-Gerut	81	0	0	0	74	0	14	8	52	0	0	0	0	0	229
	Jenahak	101	0	0	0	0	0	0	17	72	0	0	0	0	0	190
	Kaci	73	0	0	0	52	0	13	10	86	0	0	0	0	0	234
	Kerapu	172	0	0	0	79	0	13	15	157	0	0	0	0	0	436
	Kerisi	413	0	0	0	4	0	0	0	11	0	0	0	0	0	428
	Kerisi Bali	81	0	0	0	0	0	0	0	225	0	0	0	0	0	306
	Kikek	209	0	0	0	128	0	20	0	0	0	0	0	0	0	357
	Malong	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Merah	152	0	0	0	0	0	0	15	239	0	0	0	0	0	406
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	195	0	0	0	109	0	24	12	78	0	0	0	0	0	418
	Semilang	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
	Shrumbu/Lemah	69	0	0	0	48	0	13	0	0	0	0	0	0	0	130
	Puntong Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	57	0	0	0	51	0	14	0	0	0	0	0	0	0	122
	Alu-Alu/Kacang-Kacang	169	98	0	0	66	38	13	0	0	0	0	0	0	0	384
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	106	229	0	0	0	254	0	0	0	0	0	0	0	0	589

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

	Belanak/Kedera	0	0	0	0	80	0	15	0	0	0	0	0	0	0	95
	Cermin/Sagai/Cupak	263	0	0	0	248	0	17	21	181	0	0	0	0	0	730
	Cincaru	128	287	0	0	377	27	0	0	0	0	0	0	0	0	819
	Demudok/Rambai	254	0	0	0	85	0	23	1	0	0	0	0	0	0	363
	Kurau/Senangin/Senohong	39	0	0	0	8	0	2	0	0	0	0	0	0	0	49
	Pelata/Selar	299	475	0	0	29	99	8	0	0	0	0	0	0	0	910
	Selar Kuning/Lolong	343	105	0	0	0	86	4	0	0	0	0	0	0	0	538
	Selayang/Curut	55	518	0	0	0	138	0	0	0	0	0	0	0	0	711
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	0	0	0	0	129	0	0	0	0	0	0	0	0	0	129
35	Bilis/Bunga Air	0	0	0	21	0	0	0	0	0	0	0	0	0	0	21
	Parang-Parang	42	0	0	0	28	0	0	0	0	0	0	0	0	0	70
	Tamban	0	782	0	0	0	222	0	0	0	0	0	0	0	0	1,004
	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	3	1,145	0	0	317	0	0	0	0	0	0	0	0	0	1,465
	Layaran/Mersuji	0	0	0	0	42	0	0	0	0	0	0	0	0	0	42
37	Kembong/Temenong/Pelaling	184	1,589	0	0	496	173	0	0	94	0	0	0	0	0	2,536
	Tenggiri	118	38	0	0	248	0	0	0	109	0	0	0	0	0	513
	Timah/Layor/Selayor	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6
38	Pari	244	0	0	0	0	0	5	0	0	0	0	0	0	0	249
	Yu	232	0	0	0	82	0	0	0	1	0	0	0	0	0	315
39	Ikan Baja	3,739	0	0	0	0	0	0	0	0	0	0	0	0	0	3,739
	Ikan Campur	910	1	0	0	131	0	34	12	66	0	0	0	0	0	1,154
	Jebong	109	0	0	0	44	0	5	6	0	0	0	0	0	0	164
42	Ketam	188	0	0	0	2	0	2	0	0	0	0	0	0	0	192
45	Udang Karang/Lobok	156	0	0	0	0	0	0	0	0	0	0	0	0	0	156
	Udang Putih	553	0	0	0	0	0	0	0	0	0	0	0	0	0	553
	Udang Minyak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Merah Ros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Kulit Keras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Harimau	183	0	0	0	0	0	0	0	0	0	0	0	0	0	183
	Lain-Lain Jenis Udang	481	0	0	0	0	0	0	0	0	0	0	0	0	0	481
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	73	0	0	73
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	365	0	0	0	0	0	0	0	0	0	0	0	0	0	365
	Sotong Biasa	294	51	0	0	0	0	0	0	0	0	0	0	0	0	345
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	12,344	5,318	0	21	3,799	1,037	333	151	1,478	0	0	73	0	0	24,554

JADUAL (TABLE) 4.7

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1994
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1994

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative no. of fishing units	62,974	11,239	30,572	10,798	7,768	2,597
	Cumulative no. of trips	886,225	181,622	544,711	105,300	47,630	6,962
	Cumulative no. of days	1,162,095	182,125	565,962	206,346	157,931	49,731
	Cumulative no. of hauls	3,579,164	442,182	1,709,665	700,835	560,419	166,063
24	Kebasi/Selangat	797	12	442	264	62	17
	Puput/B. Mata/Tirok	2,616	16	513	774	922	391
	Terubok	0	0	0	0	0	0
25	Siakap	6	0	2	3	1	0
31	Lidah	2,258	185	986	488	511	88
	Sebelah	773	26	187	217	243	100
33	Bayan	25	2	7	3	10	3
	Biji Nangka	5,397	28	1,793	1,530	1,445	601
	Daun Baharu	128	0	47	50	26	5
	Delah/Pinang-Pinang	11	0	0	1	3	7
	Duri/Pulutan/Utik	4,274	81	851	1,678	1,098	566
	Dengkis/Debam	237	2	11	48	97	79
	Gelama/Tengkerong/Selampai	8,523	383	2,632	3,309	1,914	285
	Gerut-Gerut	456	2	97	167	141	49
	Jenahak	148	1	29	34	57	27
	Kaci	320	1	15	60	106	138
	Kerapu	1,919	38	252	495	731	403
	Kerisi	17,166	119	2,133	4,103	7,174	3,637
	Kerisi Bali	918	1	90	71	423	333
	Kikek	729	15	438	181	54	41
	Malong	1,027	59	340	275	283	70
	Merah	1,275	2	64	185	567	457
	Mengkerong/Conor/Ubi-Ubi	7,498	58	556	1,167	3,657	2,060
	Remong/Kunyit-Kunyit/Tanda	1,353	11	331	354	379	278
	Semilang	149	12	53	32	29	23
	Shrumbu/Lemah	110	0	1	21	66	22
	Puntong Damar/Bulus	1,483	62	273	442	584	122
	Pasir-Pasir/Timun-Timun	716	15	370	166	86	79
34	Alu-Alu/Kacang-Kacang	1,116	24	232	431	288	141
	Aruan Tasik	307	1	18	93	132	63
	Bawal	3,761	132	959	1,512	961	197

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

	Belanak/Kedera	237	70	100	51	14	2
	Cermin/Sagai/Cupak	899	6	133	275	251	234
	Cencaru	7,337	10	212	2,315	4,044	756
	Demudok/Rambai	563	0	16	203	269	75
	Kurau/Senangin/Senohong	242	9	80	105	40	8
	Pelata/Selar	2,791	8	119	946	1,347	371
	Selar Kuning/Lolong	6,744	29	617	1,822	2,921	1,355
	Selayang/Curut	3,972	0	120	386	3,075	391
	Pisang-Pisang	37	0	0	3	6	28
	Talang	270	2	53	142	65	8
35	Bilis/Bunga Air	351	5	319	17	8	2
	Parang-Parang	1,772	49	464	665	492	102
	Tamban	1,840	16	429	891	473	31
	Bulan-Bulan	14	0	0	3	5	6
36	Aya/Kayu/Tongkol	66	0	0	20	25	21
	Layaran/Mersuji	7	0	0	5	1	1
37	Kembong/Temenong/Pelaling	19,435	66	1,884	8,780	7,528	1,177
	Tenggiri	2,480	15	321	942	913	289
	Timah/Layor/Selayor	3,915	47	570	1,351	1,301	646
38	Pari	7,101	400	1,599	2,052	2,140	910
	Yu	1,508	46	244	489	516	213
39	Ikan Baja	247,690	12,576	49,031	73,314	76,346	36,423
	Ikan Campur	17,644	456	3,746	2,573	5,308	5,561
	Jebong	792	1	29	304	286	172
42	Kelam	2,610	280	1,049	680	476	125
45	Udang Karang/Lobok	699	27	171	188	188	125
	Udang Putih	1,884	275	1,303	238	63	5
	Udang Minyak	9,239	1,261	7,708	258	12	0
	Udang Merah Ros	3,389	1,045	1,934	303	84	23
	Udang Kulit Keras	1,868	524	1,305	28	7	4
	Udang Harimau	285	35	80	87	70	13
	Lain-Lain Jenis Udang	13,269	2,359	8,912	1,162	719	117
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	8	0	0	7	1	0
57	Sotong Kereta	366	87	90	72	87	30
	Sotong Katak	12,216	426	2,154	3,684	3,954	1,998
	Sotong Biasa	24,289	300	3,141	8,537	8,599	3,712
76	Ubur-Ubur	0	0	0	0	0	
	Jumlah Tan M./Total Tonnes	463,325	21,718	101,655	131,052	143,684	65,216

JADUAL (TABLE) 4.7.1.

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1994
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1994

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative no. of fishing units	47,414	8,078	24,945	7,875	5,542	974
	Cumulative no. of trips	737,458	134,709	466,400	93,178	40,414	2,757
	Cumulative no. of days	903,777	134,709	480,645	154,195	115,972	18,256
	Cumulative no. of hauls	2,622,247	300,999	1,373,127	485,694	405,034	57,393
24	Kebasi/Selangat	788	12	442	260	62	12
	Puput/B. Mata/Tirok	2,344	15	508	770	915	136
	Terubok	0	0	0	0	0	0
25	Siakap	3	0	2	1	0	0
31	Lidah	1,961	133	824	435	488	81
	Sebelah	279	9	18	87	140	25
33	Bayan	8	0	0	1	7	0
	Biji Nangka	2,139	4	100	799	1,049	187
	Daun Baharu	32	0	15	11	6	0
	Delah/Pinang-Pinang	0	0	0	0	0	0
	Duri/Pulutan/Utik	2,295	34	221	1,193	657	190
	Dengkis/Debam	44	0	0	6	31	7
	Gelama/Tengkerong/Selampai	6,831	276	1,938	2,768	1,627	222
	Gerut-Gerut	305	1	29	138	118	19
	Jenahak	122	1	29	31	49	12
	Kaci	20	0	0	7	12	1
	Kerapu	1,291	36	170	361	581	143
	Kerisi	9,192	84	501	2,209	5,153	1,245
	Kerisi Bali	381	0	21	23	319	18
	Kikek	37	0	1	24	11	1
	Malong	888	51	311	235	249	42
	Merah	520	1	11	70	388	50
	Mengkerong/Conor/Ubi-Ubi	5,430	41	100	670	3,353	1,266
	Remong/Kunyit-Kunyit/Tanda	207	0	0	77	115	15
	Semilang	146	12	53	31	29	21
	Shrumbu/Lemah	109	0	0	22	66	21
	Puntong Damar/Bulus	916	16	103	269	457	71
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	549	17	72	237	169	54
	Arvan Tasik	83	1	14	22	38	8
	Bawal	3,607	123	930	1,464	919	171

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

	Belanak/Kedera	236	70	100	51	14	1
	Cermin/Sagai/Cupak	150	4	35	45	58	8
	Cencaru	6,175	9	203	1,940	3,637	386
	Demudok/Rambai	492	0	13	180	242	57
	Kurau/Senangin/Senohong	236	9	78	103	40	6
	Pelata/Selar	1,893	4	83	680	1,034	92
	Selar Kuning/Lolong	2,033	5	80	357	1,334	257
	Selayang/Curut	3,239	0	0	293	2,881	65
	Pisang-Pisang	2	0	0	2	0	0
	Talang	223	1	53	114	51	4
35	Bilis/Bunga Air	322	5	309	8	0	0
	Parang-Parang	1,249	30	338	485	355	41
	Tamban	1,820	16	426	888	471	19
	Bulan-Bulan	8	0	0	3	5	0
36	Aya/Kayu/Tongkol	36	0	0	17	16	3
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	18,322	65	1,866	8,369	7,150	872
	Tenggiri	1,718	13	284	677	650	94
	Timah/Layor/Selayor	2,707	22	227	1,082	1,007	369
38	Pari	3,565	201	585	948	1,316	515
	Yu	594	15	63	214	247	55
39	Ikan Baja	139,891	7,480	33,782	42,002	45,512	11,115
	Ikan Campur	6,594	371	1,328	738	2,780	1,377
	Jebong	458	0	0	245	174	39
42	Kelam	1,633	138	803	393	251	48
45	Udang Karang/Lobok	33	0	1	12	16	4
	Udang Putih	1,315	142	961	166	43	3
	Udang Minyak	8,507	960	7,335	208	4	0
	Udang Merah Ros	2,053	558	1,251	163	60	21
	Udang Kulit Keras	1,406	427	967	5	5	2
	Udang Harimau	135	7	23	45	47	13
	Lain-Lain Jenis Udang	11,082	1,892	8,118	633	354	85
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	274	67	66	65	68	8
	Sotong Katak	5,454	198	1,164	1,724	1,947	421
	Sotong Biasa	10,948	85	904	4,501	4,718	740
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	275,330	13,661	67,859	79,577	93,495	20,738

JADUAL (TABLE) 4.7.2

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1994
 FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1994

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative no. of fishing units	15,560	3,161	5,627	2,923	2,226	1,623
	Cumulative no. of trips	148,767	46,913	78,311	12,122	7,216	4,205
	Cumulative no. of days	258,318	47,416	85,317	52,151	41,959	31,475
	Cumulative no. of hauls	956,917	141,183	336,538	215,141	155,385	108,670
24	Kebasi/Selangat	9	0	0	4	0	5
	Puput/B. Mata/Tirok	272	1	5	4	7	255
	Terubok	0	0	0	0	0	0
25	Siakap	3	0	0	2	1	0
31	Lidah	297	52	162	53	23	7
	Sebelah	494	17	169	130	103	75
33	Bayan	17	2	7	2	3	3
	Biji Nangka	3,258	24	1,693	731	396	414
	Daun Baharu	96	0	32	39	20	5
	Delah/Pinang-Pinang	11	0	0	1	3	7
	Duri/Pulutan/Utik	1,979	47	630	485	441	376
	Dengkis/Debam	193	2	11	42	66	72
	Gelama/Tengkerong/Selampai	1,692	107	694	541	287	63
	Gerut-Gerut	151	1	68	29	23	30
	Jenahak	26	0	0	3	8	15
	Kaci	300	1	15	53	94	137
	Kerapu	628	2	82	134	150	260
	Kerisi	7,974	35	1,632	1,894	2,021	2,392
	Kerisi Bali	537	1	69	48	104	315
	Kikek	692	15	437	157	43	40
	Malong	139	8	29	40	34	28
	Merah	755	1	53	115	179	407
	Mengkerong/Conor/Ubi-Ubi	2,068	17	456	497	304	794
	Remong/Kunyit-Kunyit/Tanda	1,146	11	331	277	264	263
	Semilang	3	0	0	1	0	2
	Shrumbu/Lemah	1	0	1	(1)	0	1
	Puntong Damar/Bulus	567	46	170	173	127	51
	Pasir-Pasir/Timun-Timun	716	15	370	166	86	79
34	Alu-Alu/Kacang-Kacang	567	7	160	194	119	87
	Aruan Tasik	224	0	4	71	94	55
	Bawal	154	9	29	48	42	26

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

	Belanak/Kedera	1	0	0	0	0	1
	Cermin/Sagai/Cupak	749	2	98	230	193	226
	Cencaru	1,162	1	9	375	407	370
	Demudok/Rambai	71	0	3	23	27	18
	Kurau/Senangin/Senohong	6	0	2	2	0	2
	Pelata/Selar	898	4	36	266	313	279
	Selar Kuning/Lolong	4,711	24	537	1,465	1,587	1,098
	Selayang/Curut	733	0	120	93	194	326
	Pisang-Pisang	35	0	0	1	6	28
	Talang	47	1	0	28	14	4
35	Bilis/Bunga Air	29	0	10	9	8	2
	Parang-Parang	523	19	126	180	137	61
	Tamban	20	0	3	3	2	12
	Bulan-Bulan	6	0	0	0	0	6
36	Aya/Kayu/Tongkol	30	0	0	3	9	18
	Layaran/Mersuji	7	0	0	5	1	1
37	Kembong/Temenong/Pelaling	1,113	1	18	411	378	305
	Tenggiri	762	2	37	265	263	195
	Timah/Layor/Selayor	1,208	25	343	269	294	277
38	Pari	3,536	199	1,014	1,104	824	395
	Yu	914	31	181	275	269	158
39	Ikan Baja	107,799	5,096	15,249	31,312	30,834	25,308
	Ikan Campur	11,050	85	2,418	1,835	2,528	4,184
	Jebong	334	1	29	59	112	133
42	Ketam	977	142	246	287	225	77
45	Udang Karang/Lobok	666	27	170	176	172	121
	Udang Putih	569	133	342	72	20	2
	Udang Minyak	732	301	373	50	8	0
	Udang Merah Ros	1,336	487	683	140	24	2
	Udang Kulit Keras	462	97	338	23	2	2
	Udang Harimau	150	28	57	42	23	0
	Lain-Lain Jenis Udang	2,187	467	794	529	365	32
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	8	0	0	7	1	0
57	Sotong Kereta	92	20	24	7	19	22
	Sotong Katak	6,762	228	990	1,960	2,007	1,577
	Sotong Biasa	13,341	215	2,237	4,036	3,881	2,972
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	187,995	8,057	33,796	51,475	50,189	44,478

JADUAL (TABLE) 4.8

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1994
FISHING EFFORTS AND LANDINGS OF FISH PURSE SEINES BY TONNAGE CLASS AND SPECIES, 1994

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative fishing units	5,873	60	1,146	1,182	2,346	1,139
	Cumulative No. of trips	64,891	1,165	17,614	18,165	24,456	3,491
	Cumulative No. of days	97,407	1,165	17,820	19,521	39,925	18,976
	Cumulative No. of hauls	223,819	9,705	52,172	54,181	79,191	28,570
24	Kebasi/Selangat	156	0	13	142	1	0
	Puput/B. Mata/Tirok	12	0	0	0	9	3
	Terubok	0	0	0	0	0	0
25	Siakap	0	0	0	0	0	0
31	Lidah	0	0	0	0	0	0
	Sebelah	0	0	0	0	0	0
33	Bayan	0	0	0	0	0	0
	Biji Nangka	0	0	0	0	0	0
	Daun Baharu	4	0	4	0	0	0
	Delah/Pinang-Pinang	0	0	0	0	0	0
	Duri/Pulutan/Utik	47	1	0	46	0	0
	Dengkis/Debam	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	7	4	0	0	3	0
	Gerut-Gerut	0	0	0	0	0	0
	Jenahak	0	0	0	0	0	0
	Kaci	0	0	0	0	0	0
	Kerapu	0	0	0	0	0	0
	Kerisi	0	0	0	0	0	0
	Kerisi Bali	0	0	0	0	0	0
	Kikek	4	0	0	0	0	4
	Malong	0	0	0	0	0	0
	Merah	17	0	0	0	12	5
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/Lemah	0	0	0	0	0	0
	Puntong Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	49	0	20	9	19	1
	Aruan Tasik	6	0	0	6	0	0

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

	Bawal	826	3	64	184	372	203
	Belanak/Kedera	180	133	4	43	0	0
	Cermin/Sagai/Cupak	95	0	31	35	3	26
	Cencaru	4,806	0	137	696	2,531	1,442
	Demudok/Rambai	395	0	44	25	201	125
	Kurau/Senangin/Senohong	1	1	0	0	0	0
	Pelata/Selar	9,324	0	1,809	1,885	4,353	1,277
	Selar Kuning/Lolong	15,479	0	4,079	2,683	5,476	3,241
	Selayang/Curut	42,718	0	5,422	6,419	11,417	19,460
	Pisang-Pisang	401	0	0	42	280	79
	Talang	21	0	7	9	0	5
35	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	78	0	48	15	10	5
	Tamban	13,689	0	4,274	3,314	4,540	1,561
	Bulan-Bulan	12	0	4	3	5	0
36	Aya/Kayu/Tongkol	5,896	0	584	691	2,888	1,733
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	24,260	125	3,572	7,380	10,850	2,333
	Tenggiri	435	1	89	189	34	122
	Timah/Layor/Selayor	256	0	98	86	60	12
38	Pari	0	0	0	0	0	0
	Yu	0	0	0	0	0	0
39	Ilkan Baja	3,333	1,544	37	710	316	726
	Ilkan Campur	768	3	11	215	270	269
	Jebong	1	0	0	0	1	0
42	Ketam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih	1	1	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Merah Ros	0	0	0	0	0	0
	Udang Kulit Keras	0	0	0	0	0	0
	Udang Harimau	0	0	0	0	0	0
	Lain-Lain Jenis Udang	26	0	0	0	26	0
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0
	Sotong Katak	0	0	0	0	0	0
	Sotong Biasa	961	0	379	291	263	28
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	124,264	1,816	20,730	25,118	43,940	32,660

JADUAL (TABLE) 4.8.1

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1994
FISHING EFFORTS AND LANDINGS OF FISH PURSE SEINES BY TONNAGE CLASS AND SPECIES, 1994

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative fishing units	2,332	60	12	677	1,290	293
	Cumulative No. of trips	29,199	1,165	224	12,100	14,588	1,122
	Cumulative No. of days	43,619	1,165	224	12,100	24,963	5,167
	Cumulative No. of hauls	82,683	9,705	672	28,262	40,679	3,365
24	Kebasi/Selangat	156	0	13	142	1	0
	Puput/B. Mata/Tirok	12	0	0	0	9	3
	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
	Dauv Baharu	0	0	0	0	0	0
	Delah/Pinang-Pinang	0	0	0	0	0	0
	Duri/Pulutan/Utik	6	1	0	5	0	0
	Dengkis/Debam	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	7	4	0	0	3	0
	Gerut-Gerut	0	0	0	0	0	0
	Jenahak	0	0	0	0	0	0
	Kaci	0	0	0	0	0	0
	Kerapu	0	0	0	0	0	0
	Kerisi	0	0	0	0	0	0
	Kerisi Bali	0	0	0	0	0	0
	Kikek	0	0	0	0	0	0
	Malong	0	0	0	0	0	0
	Merah	11	0	0	0	11	0
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/Lemah	0	0	0	0	0	0
	Puntong Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	4	0	0	0	4	0
	Aruan Tasik	6	0	0	6	0	0

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

	Bawal	623	3	0	181	352	87
	Belanak/Kedera	180	133	4	43	0	0
	Cermin/Sagai/Cupak	0	0	0	0	0	0
	Cencaru	3,224	0	0	515	1,990	719
	Demudok/Rambai	32	0	0	2	17	13
	Kurau/Senangin/Senohong	1	1	0	0	0	0
	Pelata/Selar	3,815	0	0	576	2,778	461
	Selar Kuning/Lolong	1,691	0	0	149	960	582
	Selayang/Curut	6,738	0	0	2,003	2,422	2,313
	Pisang-Pisang	401	0	0	42	280	79
	Talang	6	0	0	6	0	0
35	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	6	0	0	1	0	5
	Tamban	1,725	0	9	803	534	379
	Bulan-Bulan	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	2,532	0	0	169	1,798	565
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	14,429	125	58	5,438	7,386	1,422
	Tenggiri	184	1	0	37	26	120
	Timah/Layor/Selayor	11	0	0	0	0	11
38	Pari	0	0	0	0	0	0
	Yu	0	0	0	0	0	0
39	Ikan Baja	3,183	1,544	37	707	291	604
	Ikan Campur	580	3	0	200	135	242
	Jebong	1	0	0	0	1	0
42	Ketam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih	1	1	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Merah Ros	0	0	0	0	0	0
	Udang Kulit Keras	0	0	0	0	0	0
	Udang Harimau	0	0	0	0	0	0
	Lain-Lain Jenis Udang	26	0	0	0	26	0
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0
	Sotong Katak	0	0	0	0	0	0
	Sotong Biasa	158	0	0	71	60	27
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	39,749	1,816	121	11,096	19,084	7,632

JADUAL (TABLE) 4.8.2

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1994
 FISHING EFFORTS AND LANDINGS OF FISH PURSE SEINES BY TONNAGE CLASS AND SPECIES, 1994

ISSCAAP GROUP NO.	Usaha Menangkap Ikan Fishing Effort	Jumlah Total	Kelas Muatan/Tonnage Class				
			0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons & above
	Cumulative fishing units	3,541	0	1,134	505	1,056	846
	Cumulative No. of trips	35,692	0	17,390	6,065	9,868	2,369
	Cumulative No. of days	53,788	0	17,596	7,421	14,962	13,809
	Cumulative No. of hauls	141,136	0	51,500	25,919	38,512	25,205
24	Kebasi/Selangat	0	0	0	0	0	0
	Puput/B. Mata/Tirok	0	0	0	0	0	0
	Terubok	0	0	0	0	0	0
25	Siakap	0	0	0	0	0	0
31	Lidah	0	0	0	0	0	0
	Sebelah	0	0	0	0	0	0
33	Bayan	0	0	0	0	0	0
	Biji Nangka	0	0	0	0	0	0
	Daun Baharu	4	0	4	0	0	0
	Delah/Pinang-Pinang	0	0	0	0	0	0
	Duri/Pulutan/Utik	41	0	0	41	0	0
	Dengkis/Debam	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	0	0	0	0	0	0
	Gerut-Gerut	0	0	0	0	0	0
	Jenahak	0	0	0	0	0	0
	Kaci	0	0	0	0	0	0
	Kerapu	0	0	0	0	0	0
	Kerisi	0	0	0	0	0	0
	Kerisi Bali	0	0	0	0	0	0
	Kikek	4	0	0	0	0	4
	Malong	0	0	0	0	0	0
	Merah	6	0	0	0	1	5
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/Lemah	0	0	0	0	0	0
	Puntong Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	45	0	20	9	15	1
	Aruan Tasik	0	0	0	0	0	0

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

	Bawal	203	0	64	3	20	116
	Belanak/Kedera	0	0	0	0	0	0
	Cermin/Sagai/Cupak	95	0	31	35	3	26
	Cencaru	1,582	0	137	181	541	723
	Demudok/Rambai	363	0	44	23	184	112
	Kurau/Senangin/Senohong	0	0	0	0	0	0
	Pelata/Selar	5,509	0	1,809	1,309	1,575	816
	Selar Kuning/Lolong	13,788	0	4,079	2,534	4,516	2,659
	Selayang/Curut	35,980	0	5,422	4,416	8,995	17,147
	Pisang-Pisang	0	0	0	0	0	0
	Talang	15	0	7	3	0	5
35	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	72	0	48	14	10	0
	Tamban	11,964	0	4,265	2,511	4,006	1,182
	Bulan-Bulan	12	0	4	3	5	0
36	Aya/Kayu/Tongkol	3,364	0	584	522	1,090	1,168
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	9,831	0	3,514	1,942	3,464	911
	Tenggiri	251	0	89	152	8	2
	Timah/Layor/Selayor	245	0	98	86	60	1
38	Pari	0	0	0	0	0	0
	Yu	0	0	0	0	0	0
39	Ikan Baja	150	0	0	3	25	122
	Ikan Campur	188	0	11	15	135	27
	Jebong	0	0	0	0	0	0
42	Kelam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih	0	0	0	0	0	0
	Udang Minyak	0	0	0	0	0	0
	Udang Merah Ros	0	0	0	0	0	0
	Udang Kulit Keras	0	0	0	0	0	0
	Udang Harimau	0	0	0	0	0	0
	Lain-Lain Jenis Udang	0	0	0	0	0	0
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	0	0	0
	Sotong Katak	0	0	0	0	0	0
	Sotong Biasa	803	0	379	220	203	1
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	84,515	0	20,609	14,022	24,856	25,028

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN TRIP MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1994
FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR AND STATE, 1994

JADUAL (TABLE) 5.1

Jenis Perkakas	Pukat Tunda Trawl Nets					Pukat Tarik (Seine Nets)										Pukat Hanyut	Pukat Tangguk	Perangkap- Perangkap Traps		Pancing	Pukat Bekul	Pukat Rentang	Pukat Surung	Memungut Siput	Rampai-an		
						Pukat Jerut Ikan Purse Seine-Fish					Pukat Jerut Bilis Purse Seine-Anchovy							Lain- Lain Tarik	Belat- Belat							Bubu	
Type of Gear	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	Other Seines	Drift/ Gill Nets	Lift Nets	Station- ary	Portable	Hooks & Lines	Bag Nets	Barrier Nets	Push/ Scoop Nets	Shellfish Collection	Miscella- neous	
Negeri/State																											
Perlis	11,712	29,637	3,246	151	56	0	0	9,696	2,629	878	0	0	0	0	0	0	43,771	0	0	0	0	0	0	1,200	2,220	6,970	
Kedah	61,141	41,046	25,676	12,524	448	0	0	0	1,660	102	0	0	0	874	10,238	12,682	309,716	0	268	0	10,743	28,401	3,140	8,569	1,165	24,488	
P.Pinang/ Penang	0	0	20,585	2,518	152	0	224	1,903	1,215	109	0	0	0	0	0	33,778	393,913	0	0	1,293	16,658	17,935	16,439	3,864	162	3,701	
Perak	15,099	272,080	20,709	15,880	2,042	1,165	0	432	8,107	33	0	0	0	7,960	0	96,070	353,797	0	0	11,237	36,059	25,794	28,788	54,231	2,379	61,603	
Selangor	32,528	74,775	21,575	9,341	59	0	0	69	977	0	0	0	0	0	0	1,622	223,636	0	4,085	6,681	28,372	33,178	5,623	9,344	7,697	3,574	
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	473	35,714	0	0	202	2,776	0	0	0	1,145	0	
Malaka/ Malacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	975	116,737	0	482	16	20,123	0	67	15,896	1,804	0	
Johor Barat/ West Johore	14,229	48,862	1,387	0	0	0	0	0	0	0	0	0	0	0	0	0	366,802	0	13,332	8,988	2,267	10,300	1,012	2,565	0	22,585	
Kelantan	0	20,725	1,432	421	76	0	0	75	492	264	513	546	0	0	0	0	53,296	3,074	14,006	1,538	8,056	0	0	0	0	14,730	
Terengganu	5,610	26,229	1,922	39	353	0	16,177	5,142	2,593	1,334	1,522	3,994	0	0	0	0	36,418	6,169	0	27,385	108,436	0	0	0	0	0	
Pahang	29,264	22,520	4,894	3,358	2,661	0	600	454	4,523	291	0	1,147	113	375	0	0	81,474	3,130	0	19,309	16,797	0	0	0	0	0	
Johor Timur/ East Johore	12,039	8,837	3,874	3,398	1,115	0	613	394	2,260	480	0	0	0	0	0	150	55,987	147	2,173	1,672	11,986	11,116	0	0	0	8,938	

* GRT - Gross Relative Tonnage

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN HARI MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1994
FISHING EFFORT: NUMBER OF FISHING DAYS BY TYPE OF GEAR AND STATE, 1994

JADUAL (TABLE) 5.2

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik (Seine Nets)										Pukat Hanyut Drift/ Gill Nets	Pukat Tangguk Lift Nets	Perangkap- Perangkap Traps		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput Shellfish Collection	Rampasan Miscella- neous																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
						Pukat Jerut Ikan Purse Seine Fish					Pukat Jerut Bilis Purse Seine Anchovy							Lain- Lain Tarik Other Seines																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above				Belat- Belat Station- ary							Bubu Portable																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Negeri/State																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

* GRT - Gross Relative Tonnage

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN KALI MEMUKAT IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1994
FISHING EFFORT: NUMBER OF HAULS BY TYPE OF GEAR AND STATE, 1994

JADUAL (TABLE) 5.3

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik (Seine Nets)										Pukat Manyut Drift/ Gill Nets	Pukat Tangguk Lift Nets	Perangkap- Perangkap Traps		Pancing Hooks & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop	Memungut Siput Shellfish Collection	Rampai- an Miscellan- eous	
						Pukat Jerut Ikan Purse Seine-Fish					Pukat Jerut Bilis Purse Seine-Anchovy							Lain- Lain Tarik Other Seines								
						0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above				0-9.9 GRT							10-24.9 GRT
Negeri/State																										
Perlis	23,424	112,803	24,952	1,392	599	0	0	21,554	16,857	2,980	0	0	0	0	0	0	270,698	0	0	0	0	0	0	0	0	11,760
Kedah	132,124	123,260	178,768	98,692	5,925	0	0	0	3,321	204	0	0	0	1,300	16,331	122,710	553,028	0	0	0	0	0	3,128	5,694	127,674	0
P.Pinang/ Penang	0	0	61,992	15,900	2,368	0	672	5,716	1,228	109	0	0	0	0	0	527,218	1,311,491	0	0	1,284	17,851	56,960	16,405	12,719	162	3,706
Perak	43,639	814,008	117,302	224,695	47,690	9,705	0	854	17,163	72	0	0	0	52,994	0	272,087	1,047,763	0	0	0	0	32,634	29,733	326,810	60	0
Selangor	73,491	224,325	99,910	64,355	811	0	0	138	2,110	0	0	0	0	0	0	20,738	659,799	0	8,170	9,307	160,171	136,296	5,623	129,080	233,457	11,963
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,304	88,070	0	0	1,479	2,554	0	0	0	0	0
Malaka/ Malacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,490	184,709	0	482	64	20,123	0	67	29,296	272	0
Johor Barat/ West Johore	28,321	98,731	2,770	0	0	0	0	0	0	0	0	0	0	0	0	0	988,248	0	12,252	9,139	1,665	10,222	1,012	42,496	0	0
Kelantan	0	97,263	27,824	11,614	3,169	0	0	699	5,300	3,286	2,325	2,548	0	0	0	0	219,547	21,571	0	0	0	0	0	0	0	113,230
Terengganu	17,312	135,336	34,489	826	11,515	0	48,483	23,119	15,086	13,327	5,707	17,363	0	0	0	0	105,110	27,896	0	0	315	0	0	0	0	0
Pahang	87,792	73,128	81,998	67,970	66,828	0	1,800	1,362	13,569	4,738	0	3,441	339	1,125	0	0	244,422	9,390	0	0	0	0	0	0	0	0
Johor Timur/ East Johore	36,079	30,811	70,830	74,975	27,158	0	1,217	739	4,557	3,854	0	0	0	0	0	190	196,192	483	2,175	975	2,358	11,998	0	0	0	0

* GRT - Gross Relative Tonnage

SEMANAJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA PURATA IKAN DIPANTAI MENGIKUT BULAN, 1994
MONTHLY AVERAGE EX-VESSEL PRICES OF FRESH FISH, 1994
Harga Dalam RM/Kg/Prices At RM/Kg

JADUAL (TABLE) 6.1

Jenis-Jenis Ikan Species	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata, 1994 Average, 1994
Bawal Putih	12.82	14.89	14.21	14.49	14.46	13.19	14.32	14.12	15.09	14.68	14.43	15.01	14.31
Bawal Hitam	7.28	7.31	7.08	7.00	7.38	7.34	7.55	7.47	7.43	7.30	7.72	7.72	7.38
Kerapu	8.25	8.38	8.21	7.64	8.11	8.41	8.68	8.74	8.64	8.70	11.50	8.98	8.69
Tenggiri	7.43	7.78	7.46	7.25	7.27	7.65	8.04	8.09	7.60	7.74	8.10	8.42	7.74
Jenahak	7.61	7.82	7.63	7.84	7.82	8.06	7.68	7.76	8.20	8.07	8.98	9.49	8.08
Merah	5.13	5.61	5.36	5.29	5.41	5.49	5.89	5.40	5.58	5.42	5.73	5.60	5.49
Kaci	3.06	2.83	3.09	3.17	3.00	2.51	2.91	2.89	3.00	3.71	3.05	3.40	3.05
Cermin	3.46	3.50	3.52	3.16	3.23	2.63	3.61	3.33	3.64	3.37	3.67	3.56	3.39
Gelama	1.58	1.58	1.73	1.55	1.56	1.60	1.72	1.59	1.66	1.71	1.84	1.76	1.66
Kembong	2.68	2.99	2.86	2.30	2.77	2.91	2.61	2.67	2.43	2.50	2.96	2.71	2.70
Kerisi	2.20	2.16	2.18	2.10	2.23	2.17	2.34	2.86	2.19	2.12	2.35	2.43	2.28
Selayang	1.14	1.05	1.09	1.01	1.08	1.10	1.09	1.05	1.02	0.94	1.07	1.07	1.06
Tamban	1.23	0.98	0.93	0.91	0.85	0.99	0.90	0.86	0.88	0.77	0.87	0.91	0.92
Selar/Pelata	2.49	2.26	2.01	2.12	2.39	2.23	2.20	2.36	2.55	2.29	2.33	2.53	2.31
Sotong	2.81	2.89	2.85	2.75	2.87	2.89	2.92	2.98	3.09	3.05	2.99	3.13	2.94
Aya/Tongkol	2.14	2.06	2.28	2.07	1.87	2.25	2.02	2.06	2.09	2.13	2.40	2.14	2.13
Udang Putih	17.31	18.74	17.45	17.59	17.54	17.29	16.86	19.29	19.41	19.86	19.26	19.98	18.38
Udang Harimau	21.51	21.94	21.45	22.38	23.32	23.59	20.87	25.76	24.07	24.93	24.87	25.93	23.39
Lain-Lain Udang	4.91	5.44	6.15	6.07	5.71	6.07	6.32	6.56	6.14	5.97	6.08	6.66	6.01

MALAYSIA
NILAI HARGA BORONG PENDARATAN IKAN LAUT, 1994
WHOLESALE VALUE OF MARINE FISH LANDINGS, 1994

JADUAL (TABLE) 7.1

Negeri/State	Gred I Grade 1		Gred II Grade 11		Gred III Grade 111		Udang Prawn		Ikan Baja Manure Fish		Kerang-Kerangan Shellfish		Jumlah Total	
	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM
Perlis	1,346	10,793,563	96	432,960	26,831	69,832,620	1,484	13,454,964	4,740	1,051,763	2,194	5,110,357	36,691	100,676,227
Kedah	2,091	22,726,018	287	1,248,450	42,650	88,380,789	4,507	38,731,913	22,454	6,012,756	644	814,513	72,633	157,914,439
P. Pinang/Penang	1,415	27,591,528	581	2,416,960	22,143	55,641,334	4,127	41,640,268	12,712	4,740,632	20	75,080	40,998	132,105,802
Perak	5,154	43,874,355	2,378	12,341,820	85,018	205,080,784	29,091	188,720,157	74,425	24,222,246	79	163,638	196,145	474,403,000
Selangor	3,777	40,064,954	592	1,770,080	21,515	62,897,427	19,485	66,811,533	41,774	13,633,009	5,730	11,803,800	92,873	196,980,803
Negeri Sembilan	187	2,002,195	44	318,120	247	778,853	76	1,702,780	1	244	6	38,744	561	4,840,936
Melaka/Malacca	503	6,266,579	41	209,100	835	1,789,926	274	3,076,642	0	0	24	67,615	1,677	11,409,862
Johor Barat/ West Johore	2,363	29,243,274	112	957,600	6,826	15,171,587	4,969	38,693,789	4,454	2,127,433	0	0	18,724	86,193,683
Jumlah Kecil	16,836	182,562,466	4,131	19,695,090	206,065	499,573,320	64,013	392,832,046	160,560	51,788,083	8,697	18,073,747	460,302	1,164,524,752
Kelantan	471	3,103,364	466	2,166,900	20,976	44,512,889	676	7,684,617	10,490	2,350,662	7	9,042	33,086	59,827,474
Terengganu	2,379	20,920,038	3,794	27,127,100	94,715	257,923,338	1,122	13,063,145	7,499	1,507,376	0	0	109,509	320,540,997
Pahang	2,698	19,217,948	2,906	13,164,180	48,869	124,744,551	2,770	28,687,029	54,295	11,091,267	0	0	111,538	196,904,975
Johor Timur/ East Johore	1,220	8,583,904	2,128	11,320,960	27,670	68,969,402	2,924	19,655,463	36,702	6,040,572	0	0	70,644	114,570,301
Jumlah Kecil	6,768	51,825,254	9,294	53,779,140	192,230	496,150,180	7,492	69,090,254	108,986	20,989,877	7	9,042	324,777	691,843,747
Sarawak	5,292	38,949,120	3,244	15,279,240	45,659	105,015,700	16,084	110,818,760	25,169	6,292,250	176	596,640	95,624	276,951,710
Sabah	15,050	88,200,120	7,966	32,828,490	108,177	182,258,820	12,713	91,543,230	15,910	2,067,240	512	2,061,110	160,328	398,959,010
W.P. Labuan	1,849	6,726,185	1,731	5,132,099	15,789	26,817,229	1,446	12,988,481	3,739	351,563	0	0	24,554	52,015,557
Jumlah Kecil	22,191	133,875,425	12,941	53,239,829	169,625	314,091,749	30,243	215,350,471	44,818	8,711,053	688	2,657,750	280,506	727,926,277
JUMLAH/TOTAL	45,795	368,263,145	26,366	126,714,059	567,920	1,309,815,249	101,748	677,272,771	314,364	81,489,013	9,392	20,740,539	1,065,585	2,584,294,776

NOTA/NOTE:

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

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

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

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

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

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

MALAYSIA
NILAI HARGA RUNCIT PENDARATAN IKAN LAUT, 1994
RETAIL VALUE OF MARINE FISH LANDINGS, 1994

JADUAL (TABLE) 7.2

Negeri/State	Gred I Grade 1		Gred II Grade 11		Gred III Grade 111		Udang Prawn		Ikan Baja Manure Fish		Kerang-Kerangan Shellfish		Jumlah Total	
	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM	Tan M. Tonnes	RM
Perlis	1,346	12,501,598	96	502,080	26,831	85,368,513	1,484	15,222,393	4,740	1,051,763	2,194	6,581,661	36,691	121,228,008
Kedah	2,091	25,981,925	287	1,690,430	42,650	122,903,889	4,507	45,840,750	22,454	7,361,658	644	1,110,524	72,633	204,889,176
P. Pinang/Penang	1,415	30,113,816	581	2,800,420	22,143	70,459,011	4,127	46,147,991	12,712	4,740,632	20	75,093	40,998	154,336,963
Perak	5,154	55,285,182	2,378	16,170,400	85,018	291,734,408	29,091	235,136,080	74,425	33,030,162	79	209,249	196,145	631,565,481
Selangor	3,777	46,558,061	592	2,279,200	21,515	85,903,040	19,485	78,245,012	41,774	15,906,413	5,730	15,473,599	92,873	244,365,325
Negeri Sembilan	187	2,286,143	44	361,241	247	1,005,831	76	1,980,994	1	244	6	46,444	561	5,680,897
Melaka/Malacca	503	7,092,515	41	238,620	835	2,184,776	274	3,480,449	0	0	24	79,374	1,677	13,075,734
Johor Barat/ West Johore	2,363	32,883,586	112	1,125,600	6,826	20,833,558	4,969	45,727,857	4,454	2,127,433	0	0	18,724	102,698,034
Jumlah Kecil	16,836	212,702,826	4,131	25,167,991	206,065	680,393,026	64,013	471,781,526	160,560	64,218,305	8,697	23,575,944	460,302	1,477,839,618
Kelantan	471	3,799,234	466	2,712,120	20,976	56,872,850	676	8,801,302	10,490	2,350,662	7	11,896	33,086	74,548,064
Terengganu	2,379	23,624,696	3,794	29,365,560	94,715	326,984,084	1,122	14,318,194	7,499	2,252,556	0	0	109,509	396,545,090
Pahang	2,698	27,352,083	2,906	17,668,480	48,869	182,868,452	2,770	36,514,313	54,295	11,393,265	0	0	111,538	275,796,593
Johor Timur/ East Johore	1,220	11,048,361	2,128	14,981,120	27,670	99,111,928	2,924	24,969,550	36,702	6,040,572	0	0	70,644	156,151,531
Jumlah Kecil	6,768	65,824,374	9,294	64,727,280	192,230	665,837,314	7,492	84,603,359	108,986	22,037,055	7	11,896	324,777	903,041,278
Sarawak	5,292	54,613,440	3,244	23,129,720	45,659	180,809,640	16,084	147,490,280	25,169	13,591,260	176	959,200	95,624	420,593,540
Sabah	15,050	116,917,400	7,966	36,134,690	108,177	270,341,390	12,713	135,956,040	15,910	2,067,240	512	2,164,040	160,328	563,580,800
W.P. Labuan	1,849	11,467,160	1,731	8,763,130	15,789	54,522,079	1,446	18,319,390	3,739	351,563	0	0	24,554	93,423,322
Jumlah Kecil	22,191	182,998,000	12,941	68,027,540	169,625	505,673,109	30,243	301,765,710	44,818	16,010,063	688	3,123,240	280,506	1,077,597,662
JUMLAH/TOTAL	45,795	461,525,200	26,366	157,922,811	567,920	1,851,903,449	101,748	858,150,595	314,364	102,265,423	9,392	26,711,080	1,065,585	3,458,478,558

NOTA/NOTE:

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

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

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

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

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

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

SEMENANJUNG MALAYSIA / PENINSULAR MALAYSIA
NILAI PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED IKAN, 1994
VALUE OF MARINE FISH LANDINGS BY GEAR GROUP AND GRADE OF FISH, 1994

JADUAL (TABLE) 7.3

Pendaratan dan Nilai <i>Landings and Values</i>		Pukat Tunda <i>Trawl Nets</i>	Pukat Tarik/Purse Seine		Lain Pukat Tarik <i>Other Seines</i>	Pukat Hanyut <i>Drift/Gill Nets</i>	Pukat Tangguk <i>Lift Nets</i>	Perangkap/Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaiian <i>Miscellaneous</i>	Jumlah <i>Total</i>
			Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>				Belat-Belat <i>Stationary</i>	Bubu <i>Portable</i>							
Gred I <i>(Grade I)</i>	Tonnes N.B.S N.R.S	10,322 102,497,460 121,799,600	1,340 13,306,200 15,812,000	41 407,130 483,800	6 59,580 70,800	8,430 83,709,900 99,474,000	30 297,900 354,000	33 327,690 389,400	782 7,765,260 9,227,600	2,603 25,847,790 30,715,400	15 148,950 177,000	2 19,860 23,600	0 0 0	0 0 0	0 0 0	23,604 234,387,720 278,527,200
Gred II <i>(Grade II)</i>	Tonnes N.B.S N.R.S	5,679 31,080,831 38,027,206	519 2,840,456 3,475,281	0 0 0	3 16,419 20,088	5,355 29,307,598 35,857,667	6 32,838 40,177	17 93,040 113,834	628 3,437,007 4,205,157	1,171 6,408,814 7,841,144	1 5,473 6,696	46 251,754 308,021	0 0 0	0 0 0	0 0 0	13,425 73,474,230 89,895,271
Gred III <i>(Grade III)</i>	Tonnes N.B.S N.R.S	168,993 422,478,681 571,196,340	119,045 297,609,810 402,372,100	19,484 48,709,560 65,855,920	627 1,567,486 2,119,260	57,504 143,758,701 194,363,520	7,878 19,694,822 26,627,640	245 612,494 828,100	6,361 15,902,356 21,500,180	15,144 37,854,658 51,179,960	1,317 3,292,470 4,451,460	1,105 2,762,475 3,734,900	8 20,000 27,040	0 0 0	584 1,459,987 1,973,920	398,295 995,723,500 1,346,230,340
Udang <i>(Prawn)</i>	Tonnes N.B.S N.R.S	30,633 197,889,180 238,357,292	27 174,420 210,089	0 0 0	9,491 61,311,860 73,850,066	8,026 51,847,960 62,450,809	0 0 0	1,516 9,793,360 11,796,091	4 25,840 31,124	0 0 0	18,705 120,834,300 145,544,777	166 1,072,360 1,291,656	2,884 18,630,640 22,440,585	0 0 0	53 342,380 412,396	71,505 461,922,300 556,384,885
Ikan Baja <i>(Manure Fish)</i>	Tonnes N.B.S N.R.S	247,690 66,876,840 79,261,440	3,333 899,910 1,066,560	74 19,980 23,680	7,692 2,076,840 2,461,440	5,783 1,561,410 1,850,560	0 0 0	10 2,700 3,200	0 0 0	0 0 0	3,311 893,970 1,059,520	774 208,980 247,680	879 237,330 281,280	0 0 0	0 0 0	269,546 72,777,960 86,255,360
Kerang- Kerangan <i>(Shellfish)</i>	Tonnes N.B.S N.R.S	8 16,620 21,680	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	8,696 18,066,169 23,566,160	0 0 0	8,704 18,082,789 23,587,840
JUMLAH TOTAL	Tonnes N.B.S N.R.S	463,325 820,839,612 1,048,663,558	124,264 314,830,796 422,936,030	19,599 49,136,670 66,363,400	17,819 65,032,185 78,521,654	85,098 310,185,569 393,996,556	7,914 20,025,560 27,021,817	1,821 10,829,284 13,130,625	7,775 27,130,463 34,964,061	18,918 70,111,262 89,736,504	23,349 125,175,163 151,239,453	2,093 4,315,429 5,605,857	3,771 18,887,970 22,748,905	8,696 18,066,169 23,566,160	637 1,802,367 2,386,316	785,079 1,856,368,499 2,380,880,896

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

NOTA/NOTE:

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

MALAYSIA
SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI, 1990-1994
ANNUAL SERIES OF MARINE FISH LANDINGS AND VALUES, 1990-1994

JADUAL (TABLE) 8.1

NEGERI/STATE	1990		1991		1992		1993		1994	
	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM	Kuantiti (Tan M) Quantity (Tonnes)	Nilai Value RM
Pantai Barat (West Coast):										
Perlis	46,206	85,476,249	33,127	70,416,653	60,673	178,872,470	46,229	98,725,990	36,691	100,676,227
Kedah	86,408	137,585,130	54,888	106,256,917	62,555	132,489,220	72,733	147,442,200	72,633	157,914,439
Pulau Pinang/Penang	52,278	90,541,037	28,416	88,859,213	33,752	104,256,690	33,768	111,370,120	40,998	132,105,802
Perak	219,044	362,321,264	181,234	329,993,401	201,852	410,777,990	179,406	420,014,514	196,145	474,403,000
Selangor	86,966	141,450,098	83,945	181,369,632	98,727	211,912,830	89,677	187,182,530	92,873	196,980,803
Negeri Sembilan	349	1,761,108	378	2,410,944	413	3,269,270	613	3,893,850	561	4,840,936
Melaka/Malacca	2,363	11,680,784	2,053	12,502,349	2,378	17,229,800	1,996	11,568,090	1,677	11,409,862
Johor Barat/West Johore	16,857	51,908,380	17,859	55,755,913	13,645	61,143,640	22,093	78,494,520	18,724	86,193,683
Jumlah Kecil/Sub-Total:	510,471	882,724,050	401,900	847,565,022	473,995	1,119,951,910	446,515	1,058,691,814	460,302	1,164,524,752
Pantai Timur (East Coast):										
Kelantan	31,557	54,965,632	25,706	52,378,889	24,035	50,261,180	38,262	57,851,770	33,086	59,827,474
Terengganu	97,237	189,605,540	101,457	220,394,790	87,443	215,357,200	113,292	300,566,410	109,509	320,540,997
Pahang	105,369	131,313,709	108,860	154,471,697	111,452	201,107,570	126,667	205,326,206	111,538	196,904,975
Johor Timur/East Johore	75,269	92,338,687	71,664	99,495,378	70,607	112,184,220	66,882	98,835,170	70,644	114,570,301
Jumlah Kecil/Sub-Total:	309,432	468,223,568	307,687	526,740,754	293,537	578,910,170	345,103	662,579,556	324,777	691,843,747
Sarawak	78,878	358,191,660	86,607	193,327,269	88,241	223,589,630	81,924	233,752,660	95,624	276,951,710
Sabah	44,760	230,035,108	108,464	266,899,225	148,000	410,689,270	154,667	374,344,220	160,328	398,959,010
W.P. Labuan	7,766	21,420,888	7,275	18,393,973	19,743	46,814,920	19,141	49,244,850	24,554	52,015,557
Jumlah Kecil/Sub-Total:	131,404	609,647,656	202,346	478,620,467	255,984	681,093,820	255,732	657,341,730	280,506	727,926,277
Jumlah Besar/Grand-Total:	951,307	1,960,595,274	911,933	1,852,926,243	1,023,516	2,379,955,900	1,047,350	2,378,613,100	1,065,585	2,584,294,776

MALAYSIA
KUANTITI DAN PERATUS PENDARATAN SERTA NILAI IKAN LAUT MENGIKUT NEGERI 1994
QUANTITY AND PERCENTAGE OF LANDINGS AND VALUES OF MARINE FISH BY STATE 1994

JADUAL (TABLE) 9.1

Negeri /State	Kuantiti Pendaratan Dalam Tan M Quantity Of Landings (Tonnes)	Peratus Percentage %	Nilai Dalam RM Values In RM	Peratus Percentage %
Pantai Barat (West Coast):				
Perlis	36,691	3.44	100,676,227	3.90
Kedah	72,633	6.82	157,914,439	6.11
Pulau Pinang/Penang	40,998	3.85	132,105,802	5.11
Perak	196,145	18.41	474,403,000	18.36
Selangor	92,873	8.71	196,980,803	7.62
Negeri Sembilan	561	0.05	4,840,936	0.19
Melaka/Malacca	1,677	0.16	11,409,862	0.44
Johor Barat/West Johore	18,724	1.76	86,193,683	3.34
Pantai Timur/East Coast:				
Kelantan	33,086	3.10	59,827,474	2.31
Terengganu	109,509	10.28	320,540,997	12.40
Pahang	111,538	10.47	196,904,975	7.62
Johor Timur/East Johore	70,644	6.63	114,570,301	4.43
Sarawak	95,624	8.97	276,951,710	10.72
Sabah	160,328	15.05	398,959,010	15.44
W.P. Labuan	24,554	2.30	52,015,557	2.01
Jumlah / Total	1,065,585	100.00	2,584,294,776	100.00

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENGUNAAAAN PENDARATAN IKAN LAUT, 1994
DISPOSITION OF MARINE FISH LANDINGS, 1994

JADUAL (TABLE) 10.1

Aliran Penggunaan Disposition Channel	Pantai Barat/West Coast								Jumlah Kecil Sub-Total	Pantai Timur				Jumlah Kecil Sub-Total	Jumlah Besar Grand-Total
	Perlis	Kedah	P.Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore		
Digunakan secara hidup Disposed alive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digunakan secara basah Disposed fresh	36,408	33,930	37,292	104,775	47,160	561	1,240	17,886	279,252	31,772	99,685	71,077	33,082	235,616	514,868
Digunakan untuk dibeku Disposed for freezing	0	0	0	1,255	0	0	0	0	1,255	0	0	0	0	0	1,255
Digunakan untuk mengetin Disposed for canning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digunakan untuk diawetkan: Disposed for curing:															
Kering/Masin/Diasap Dried/Salted/Smoked	33	14,203	1,477	7,588	643	0	95	566	24,605	739	3,332	1,121	0	5,192	29,797
Rebus Steamed/Boiled	0	0	0	667	3	0	0	0	670	0	0	0	0	0	670
Diragikan Fermented	12	458	841	8,810	11,980	0	342	270	22,713	273	660	1,253	756	2,942	25,655
Lain-Lain Others	0	71	0	675	0	0	0	2	748	302	5,748	3,391	238	9,679	10,427
Digunakan untuk mengubahkan Disposed for reduction	0	23,944	908	55,032	33,024	0	0	0	112,908	0	84	34,696	36,568	71,348	184,256
Digunakan untuk lain-lain Disposed for others	238	27	480	17,343	63	0	0	0	18,151	0	0	0	0	0	18,151
Jumlah (Tan Metrik) Total (Tonnes)	36,691	72,633	40,998	196,145	92,873	561	1,677	18,724	460,302	33,086	109,509	111,538	70,644	324,777	785,079

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL LAUT YANG DIAWETKAN, 1994
PROCESSED MARINE FISH PRODUCTS, 1994
(Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 10.2

Negeri (State)	Ikan Masin/ Ikan Kering (Salted/ Dried Fish)	Bilis Kering (Dried Anchovies)	Ikan Baja (Manure Fish)	Tepung Ikan (Fish Meal)	Udang Kering (Dried Prawn)	Otak Udang (Prawn Paste)	Belacan (Shrimp Paste)	Karopak/ (Crackers)		Cincahluk (Pickled Prawn)	Sotong Kering (Dried Cuttle Fish)	Budu (Fermented Anchovies)	Ubur- Ubur (Dried Jelly Fish)	Lala Kering (Dried Shell- fish)	Bebola Ikan (Fish Ball)	Sotong Beku (Frozen Cuttle- Fish)	Udang Beku (Frozen Prawn)	Satay Ikan (Satay Fish)	Ikan Salai (Smoked Fish)	Otak- Otak (Fish Paste)	Surimi (Surimi)	Ikan Rebus (Boiled Fish)	Jumlah (Total)
								Ikan (Fish)	Udang/ Sotong (Prawn/ Cuttle Fish)														
Pantai Barat/ West Coast:																							
Perlis	20	0	143	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	170
Kedah	333	3,404	16	5,986	8	0	65	33	13	0	0	0	0	0	62	0	0	0	0	0	91	0	10,011
Pulau Pinang/Penang	458	0	288	227	176	0	269	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1,419
Perak	2,052	355	10,406	13,758	687	0	752	0	0	0	0	0	0	0	3,876	573	180	405	0	0	0	400	33,444
Selangor	231	0	38	8,256	22	0	3,590	0	0	0	0	0	1	17	457	0	0	0	0	0	0	2	12,614
Negeri Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaka/Malacca	57	0	0	0	0	0	55	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	163
Johor Barat/West Johore	35	0	0	0	2	0	34	0	1	1	0	0	50	0	86	0	0	0	0	10	0	0	219
Jumlah Kecil/ Sub-Total	3,186	3,759	10,891	28,227	895	0	4,765	33	14	52	0	0	52	17	4,488	573	180	405	0	10	91	402	58,040
Pantai Timur/ East Coast:																							
Kelantan	242	84	0	0	0	0	0	196	0	0	0	82	0	0	0	0	0	0	0	0	0	0	604
Terengganu	794	398	0	21	0	2	71	3,735	1	0	80	64	0	0	123	0	0	0	29	0	0	0	5,318
Pahang	99	239	0	8,674	0	0	0	2,197	7	0	0	0	0	0	752	0	0	0	0	0	0	0	11,968
Johor Timur/East Johore	0	0	0	9,142	0	0	237	155	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9,543
Jumlah Kecil/ Sub-Total	1,135	721	0	17,837	0	2	308	6,283	8	0	80	146	0	0	884	0	0	0	29	0	0	0	27,433
Jumlah Besar/ Grand-Total	4,321	4,480	10,891	46,064	895	2	5,073	6,316	22	52	80	146	52	17	5,372	573	180	405	29	10	91	402	85,473

Nota/Note: Tiada hasil ikan awet bagi ikan beku.

No production of processed marine fish products for frozen fish.

JADUAL (TABLE) 11.1

MALAYSIA
KILANG-KILANG AIR BATU DAN KEMUDAHAN-KEMUDAHAN PENYEJUKKAN SEHINGGA 31-12-1994
ICE FACTORIES AND REFRIGERATION FACILITIES AS AT 31-12-1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

Negeri/State	Bilangan Kilang Airbatu (No. of ice factories)	Daya Pengeluaran Harian (Daily Production Capacity)					Kemudahan Menyimpan (Storage capacity)		
		Kuantiti (Tan metrik) Quantity (Tonnes)	Purata Harga Seblok (RM) Average Price/Block (RM)				Bilangan Bilik Sejuk (No. of cold rooms)	Kuantiti/Quantity (Tan metrik/Tonnes)	
			0 - 50kg.	51 - 100kg.	101 - 150kg.	151 - 200kg.		Ais (Ice)	Ikan (Fish)
Perlis	2	90	-	-	5.50	-	13	267	282
Kedah	3	130	-	-	4.80	-	31	446	406
P. Pinang/Penang	6	793	-	-	9.00	-	39	1,410	1,180
Perak	23	610	-	-	6.50	-	65	2,049	2,120
Selangor	5	424	2.00	-	7.00	8.00	73	818	510
Melaka/Malacca	2	50	4.00	-	11.20	-	31	50	700
Negeri Sembilan	1	20	2.00	3.60	7.00	-	13	13	128
Johor Barat/West Johore	4	127	4.00 - 6.00	11.00	-	-	11	97	49
Johor Timur/East Johore	3	139	2.80 - 3.60	9.60	-	-	12	448	250
Kelantan	17	267	4.50	5.50	-	10.00	24	375	137
Terengganu	8	389	6.20	7.50	-	-	22	663	235
Pahang	7	631	3.40	-	6.10	-	7	594	100
Sarawak	55	557	2.30	3.10	4.20	9.60	137	1,438	6,241
Sabah	51	641	3.35	5.33	11.38	-	117	1,553	2,666
W. P. Labuan	5	48	3.00 - 5.00	-	16.00	-	6	60	140
Jumlah/Total:	192	4,916	-	-	-	-	601	10,281	25,764

MALAYSIA
ANGGARAN BILANGAN DAN LUAS KOLAM, BEKAS LOMBONG, SANGKAR DAN TANGKI SIMEN YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT SISTEM TERNAKAN DAN NEGERI, 1994
ESTIMATED NUMBER AND AREA OF PONDS, DISUSED MINING POOLS, CAGES AND CEMENT TANKS
AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 1994

JADUAL (TABLE) 13.1

Negeri State	Air tawar/Freshwater												Air payau/Brackishwater						Jumlah/Total					
	Kolam Ponds			Bekas Lombong Ex-Mining Pools			Sangkar Cages			Tangki Simen Cement Tank			Kolam Ponds			Sangkar Cages			Kolam & Bekas Lombong Ponds & Ex-mining Pools			Sangkar & Tangki Simen Cages & Cement Tank		
	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area (m2)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area (m2)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area (m2)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (ha) Area (ha)	Bil. Penternak No. Of Culturists	Bil. No.	Luas (m2) Area (m2)	Bil. Penternak No. Of Culturists
Perlis	252	28.99	193	0	0.00	0	0	0.00	0	0	0.00	0	10	4.24	5	95	237.00	2	262	33.23	198	95	237.00	2
Kedah	1,302	238.96	620	2	5.95	2	0	0.00	0	31	2,076.88	13	367	257.14	85	2,206	23,009.15	110	1,671	502.05	707	2,237	25,086.03	123
Pulau Pinang/Penang	136	15.57	65	0	0.00	0	0	0.00	0	0	0.00	0	88	82.05	15	27,605	249,455.00	121	224	97.62	80	27,605	249,455.00	121
Perak	2,293	458.66	1,474	151	565.14	132	585	7,032.73	67	10	7,171.75	2	341	199.56	104	18,125	139,029.00	199	2,785	1,223.36	1,710	18,720	153,233.48	268
Selangor	1,510	246.32	639	65	143.59	42	741	19,771.66	17	72	18,661.82	12	426	342.48	89	6,499	112,876.63	34	2,001	732.39	770	7,312	151,310.11	63
N.Sembilan	1,590	296.42	1,190	7	8.65	7	529	7,601.34	6	78	7,181.09	19	27	21.00	5	42	707.00	5	1,624	326.07	1,202	649	15,489.43	30
Malaka/Malacca	529	106.42	340	0	0.00	0	75	684.60	8	54	985.92	23	25	14.95	7	140	1,815.41	5	554	121.37	347	269	3,485.93	36
Johor/Johore	1,507	187.74	527	0	0.00	0	230	2,178.77	23	218	4,197.92	76	569	577.69	103	5,847	122,342.19	183	2,076	765.43	630	6,295	128,718.88	282
Pahang	2,214	3,226.00	1,312	9	363.00	35	654	7,508.27	303	153	2,611.69	80	274	269.34	45	88	1,393.60	14	2,497	3,858.34	1,392	895	11,513.56	397
Terengganu	792	91.26	520	0	0.00	0	354	4,855.00	40	88	1,308.00	43	144	51.72	50	583	5,318.16	24	936	142.98	570	1,025	11,481.16	107
Kelantan	1,180	139.48	822	0	0.00	0	0	0.00	0	10	3,004.66	8	142	67.75	38	244	12,461.61	62	1,322	207.23	860	254	15,466.27	70
Sarawak	2,225	312.02	1,955	0	0.00	0	696	7,164.04	404	13	1,063.90	30	79	13.88	114	54	729.00	47	2,304	325.90	2,069	763	8,956.94	481
Sabah	10,907	1,204.78	4,786	0	0.00	0	0	0.00	0	0	0.00	0	793	545.54	127	1,228	10,065.00	117	11,700	1,750.32	4,913	1,228	10,065.00	117
Jumlah/Total:	26,437	6,552.62	14,443	234	1,086.33	218	3,864	56,796.41	868	727	48,263.63	306	3,285	2,447.34	787	62,756	679,438.75	923	29,956	10,086.29	15,448	67,347	784,498.79	2,097

5.67

7.82

MALAYSIA
ANGGARAN JUMLAH PENGELUARAN IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1994
ESTIMATED PRODUCTION OF FISH, COCKLES, MUSSELS, OYSTERS AND CEMENT TANKS
BY STATE AND CULTURE SYSTEM, 1994
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 14.1

Negeri <i>State</i>	Airtawar/Freshwater				Airpayau/Brackishwater					Jumlah Kecil/Sub-total						Jumlah Besar Grand Total Tan M. Tonnes
	Kolam <i>Ponds</i>	Bekas Lombong <i>Ex-Mining Pools</i>	Sangkar <i>Cages</i>	Tangki Simen <i>Cement Tank</i>	Kolam <i>Ponds</i>	Sangkar <i>Cages</i>	Kerang <i>Cockle</i>	Siput Sudu <i>Mussels</i>	Tiram <i>Oyster</i>	B.Lombong/ Kolam <i>Ex-Mining Pools/Ponds</i>	Sangkar <i>Cages</i>	Kerang <i>Cockle</i>	Siput Sudu <i>Mussels</i>	Tiram <i>Oyster</i>	Tangki Simen <i>Cement Tank</i>	
Perlis	45.28	0.00	0.00	0.00	93.96	16.26	0.00	0.00	0.00	139.24	16.26	0.00	0.00	0.00	0.00	155.50
Kedah	312.17	0.00	0.00	3.98	587.11	118.08	395.23	0.00	7.81	899.28	118.08	395.23	0.00	7.81	3.98	1,424.38
P.Pinang/Penang	50.44	0.00	0.00	0.00	567.32	1,173.36	14,477.27	20.46	0.00	617.76	1,173.36	14,477.27	20.46	0.00	0.00	16,288.85
Perak	748.67	1,556.32	112.92	164.81	1,226.15	1,576.12	50,880.90	3.27	0.64	3,531.14	1,689.04	50,880.90	3.27	0.64	164.81	56,269.80
Selangor	669.52	130.33	224.86	676.64	931.06	1,147.66	15,564.48	33.50	0.80	1,730.91	1,372.52	15,564.48	33.50	0.80	676.64	19,378.85
N. Sembilan	927.32	19.67	170.95	19.66	113.24	0.00	0.00	7.72	0.00	1,060.23	170.95	0.00	7.72	0.00	19.66	1,258.56
Melaka/Malacca	245.28	0.00	6.96	4.23	49.50	8.35	0.00	39.57	0.00	294.78	15.31	0.00	39.57	0.00	4.23	353.89
Johor/Johore	569.33	0.00	18.55	52.62	793.89	808.90	464.46	856.72	0.75	1,363.22	827.45	464.46	856.72	0.75	52.62	3,565.22
Pahang	3,779.88	40.89	147.69	7.43	347.47	0.86	0.00	0.00	0.00	4,168.24	148.55	0.00	0.00	0.00	7.43	4,324.22
Terengganu	96.85	0.00	111.13	4.29	54.77	7.04	0.00	0.00	6.26	151.62	118.17	0.00	0.00	6.26	4.29	280.34
Kelantan	303.57	0.00	0.00	15.15	145.41	37.18	0.00	0.00	0.59	448.98	37.18	0.00	0.00	0.59	15.15	501.90
Sarawak	721.00	0.00	620.00	5.00	50.00	32.00	0.00	0.00	0.00	771.00	652.00	0.00	0.00	0.00	5.00	1,428.00
Sabah	6,015.00	0.00	0.00	0.00	1,600.00	703.00	552.70	8.00	5.50	7,615.00	703.00	552.70	8.00	5.50	0.00	8,884.20
Jumlah/Total	14,484.31	1,747.21	1,413.06	953.81	6,559.88	5,628.81	82,335.04	969.24	22.35	22,791.40	7,041.87	82,335.04	969.24	22.35	953.81	114,113.71

MALAYSIA
ANGGARAN NILAI BORONG IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1994
ESTIMATED WHOLESALE VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
BY STATE AND CULTURE SYSTEM, 1994
(NILAI DALAM RM '000/VALUE IN RM '000)

JADUAL (TABLE) 14.2

Negeri State	Airtawar/Freshwater				Airpayau/Brackishwater					Jumlah (RM)/Total (RM)						Jumlah Besar
	Kolam Ponds	Bekas lombong Ex- Mining Pools	Sangkar Cages	Tangki Simen Cement Tank	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oysters	B.Lombong & Kolam Ex-mining Pools/Ponds	Sangkar Cages	Tangki Simen Cement Tank	Kerang Cockle	Siput Sudu Mussels	Tiram Oysters	Grand Total
Perlis	146.84	0.00	0.00	0.00	1,598.06	174.95	0.00	0.00	0.00	1,744.90	174.95	0.00	0.00	0.00	0.00	1,919.85
Kedah	1,014.88	0.00	0.00	12.58	10,814.44	1,434.56	118.57	0.00	74.98	11,829.32	1,434.56	12.58	118.57	0.00	74.98	13,470.01
P.Pinang/Penang	191.44	0.00	0.00	0.00	8,458.87	16,033.17	7,238.64	14.32	0.00	8,650.31	16,033.17	0.00	7,238.64	14.32	0.00	31,936.44
Perak	3,295.19	5,354.44	668.86	629.88	28,201.45	25,901.53	20,352.36	2.29	8.00	36,851.08	26,570.39	629.88	20,352.36	2.29	8.00	84,414.00
Selangor	2,652.68	388.67	906.86	2,723.98	18,054.33	11,602.36	6,225.79	23.45	7.68	21,095.68	12,509.22	2,723.98	6,225.79	23.45	7.68	42,585.80
N. Sembilan	3,109.66	59.56	538.37	61.62	2,140.24	0.00	0.00	6.18	0.00	5,309.46	538.37	61.62	0.00	6.18	0.00	5,915.63
Melaka/Malacca	909.08	0.00	24.64	30.35	867.50	43.39	0.00	15.83	0.00	1,776.38	68.03	30.35	0.00	15.83	0.00	1,890.79
Johor/Johore	2,881.26	0.00	90.52	208.02	15,845.76	9,618.50	139.34	299.85	11.25	18,727.02	9,709.02	208.02	139.34	299.85	11.25	29,094.50
Pahang	48,839.93	108.56	586.97	30.33	5,438.42	7.40	0.00	0.00	0.00	54,386.91	594.37	30.33	0.00	0.00	0.00	55,011.61
Terengganu	434.53	0.00	638.55	16.56	818.44	63.71	0.00	0.00	50.71	1,252.97	702.26	16.56	0.00	0.00	50.71	2,022.50
Kelantan	1,577.25	0.00	0.00	59.96	2,750.00	324.71	0.00	0.00	4.60	4,327.25	324.71	59.96	0.00	0.00	4.60	4,716.52
Sarawak	3,233.69	0.00	3,720.00	25.00	446.00	321.00	0.00	0.00	0.00	3,679.69	4,041.00	25.00	0.00	0.00	0.00	7,745.69
Sabah	40,754.00	0.00	0.00	0.00	27,200.00	15,934.50	331.62	24.00	74.25	67,954.00	15,934.50	0.00	331.62	24.00	74.25	84,318.37
Jumlah/Total:	109,040.43	5,911.23	7,174.77	3,798.28	122,633.51	81,459.78	34,406.32	385.92	231.47	237,585.17	88,634.55	3,798.28	34,406.32	385.92	231.47	365,041.71

MALAYSIA
 ANGGARAN NILAI RUNCIT IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
 MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1994
 ESTIMATED RETAIL VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
 BY STATE AND CULTURE SYSTEM, 1994
 (Nilai Dalam RM'000/Value In RM'000)

JADUAL (TABLE) 14.3

Negeri State	Airtawar/Freshwater				Airpayau/Brackishwater					Jumlah (RM)/Total (RM)						Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex- Mining Pools	Sangkar Cages	Tangki Simen Cement Tank	Kolam Ponds	Sangkar Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	B.Lombong& Kolam Ex-Mining Pools/Ponds	Sangkar Cages	Tangki Simen Cement Tank	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	
Perlis	224.73	0.00	0.00	0.00	1,838.49	243.90	0.00	0.00	0.00	2,063.22	243.90	0.00	0.00	0.00	0.00	2,307.12
Kedah	1,220.29	0.00	0.00	14.76	12,170.43	1,646.59	237.14	0.00	127.30	13,390.72	1,646.59	14.76	237.14	0.00	127.30	15,416.51
P.Pinang/Penang	241.69	0.00	0.00	0.00	9,265.71	16,748.43	8,975.91	23.32	0.00	9,507.40	16,748.43	0.00	8,975.91	23.32	0.00	35,255.06
Perak	4,556.94	7,722.75	928.78	880.39	28,973.92	28,316.44	25,949.25	3.27	9.28	41,253.61	29,245.22	880.39	25,949.25	3.27	9.28	97,341.02
Selangor	3,595.15	533.39	1,152.16	3462.62	21,208.29	14,030.04	10,583.85	35.86	10.08	25,336.83	15,182.20	3,462.62	10,583.85	35.86	10.08	54,611.44
N. Sembilan	4,628.80	90.98	829.64	99.41	2,330.48	0.00	0.00	7.72	0.00	7,050.26	829.64	99.41	0.00	7.72	0.00	7,987.03
Melaka/Malacca	1,204.29	0.00	34.01	20.48	962.37	70.42	0.00	30.47	0.00	2,166.66	104.43	20.48	0.00	30.47	0.00	2,322.04
Johor/Johore	3,446.21	0.00	106.22	258.08	18,320.50	11,329.45	325.12	642.54	13.50	21,766.71	11,435.67	258.08	325.12	642.54	13.50	34,441.62
Pahang	49,046.74	177.36	758.81	38.96	6,955.58	9.89	0.00	0.00	0.00	56,179.68	768.70	38.96	0.00	0.00	0.00	56,987.34
Terengganu	585.63	0.00	912.41	23.95	972.73	83.58	0.00	0.00	63.54	1,558.36	995.99	23.95	0.00	0.00	63.54	2,641.84
Kelantan	2,005.64	0.00	0.00	76.45	3,225.27	386.70	0.00	0.00	5.90	5,230.91	386.70	76.45	0.00	0.00	5.90	5,699.96
Sarawak	3,958.29	0.00	5,000.00	35.00	524.00	376.00	0.00	0.00	0.00	4,482.29	5,376.00	35.00	0.00	0.00	0.00	9,893.29
Sabah	45,920.00	0.00	0.00	0.00	27,200.00	15,934.50	331.62	24.00	74.25	73,120.00	15,934.50	0.00	331.62	24.00	74.25	89,484.37
Jumlah/Total:	120,634.40	8,524.48	9,722.03	4,910.10	133,947.77	89,175.94	46,402.89	767.18	303.85	263,106.65	98,897.97	4,910.10	46,402.89	767.18	303.85	414,388.64

MALAYSIA
**ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
 BEKAS LOMBONG DAN TANGKI SIMEN MENGIKUT SPESIES IKAN, 1994**
**ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS, FRESHWATER CAGES,
 EX-MINING POOLS AND CEMENT TANKS BY SPECIES, 1994**
 (Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

JADUAL(TABLE)14.4

Spesies/Sistem Kultura Species/Culture System	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Jumlah Total
Lampam Jawa Javanese Carp	1,443.46	17.18	3.93	0.00	1,464.57
Lee Koh Common Carp	647.04	6.93	0.00	0.00	653.97
Kap Rumpot Grass Carp	664.45	263.43	16.91	0.00	944.79
Kap Kepala Besar Big Head Carp	204.16	660.17	0.00	0.00	864.33
Udang Galah Giant Freshwater Prawn	45.58	0.67	0.00	0.00	46.25
Tilapia Hitam Black Tilapia	3,768.96	198.69	1.06	0.00	3,968.71
Tilapia Merah Red Tilapia	2,467.63	369.38	765.77	855.74	4,458.52
Jelawat River Carp	413.35	76.47	9.63	0.00	499.45
Keli Freshwater Catfish	736.24	1.55	0.00	89.16	826.95
Ketutu Goby	23.90	1.29	0.00	0.00	25.19
Belut Eel	3,353.81	0.00	0.00	0.00	3,353.81
Patin Freshwater Catfish	112.98	0.00	408.73	1.70	523.41
Toman River Catfish	18.13	0.00	0.00	0.00	18.13
Baung River Catfish	10.16	0.00	151.50	0.00	161.66
Pelbagai Others	574.46	151.45	55.53	7.21	788.65
Jumlah Total	14,484.31	1,747.21	1,413.06	953.81	18,598.39

MALAYSIA
ANGGARAN NILAI BORONG IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
BEKAS LOMBONG DAN TANGKI SIMEN MENGIKUT SPESIES IKAN, 1994
ESTIMATED WHOLESALE VALUE OF FISH FROM FRESHWATER PONDS, FRESHWATER CAGES,
EX-MINING POOLS AND CEMENT TANKS BY SPECIES, 1994
(Nilai Dalam RM '000/Value In RM '000)

JADUAL(TABLE)14.5

Spesies/Sistem Kultura Species/Culture System	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Jumlah Total
Lampam Jawa Javanese Carp	7,455.37	66.46	15.05	0.00	7,536.88
Lee Koh Common Carp	4,914.06	21.65	0.00	0.00	4,935.71
Kap Rumpit Grass Carp	2,732.59	1,117.76	71.99	0.00	3,922.34
Kap Kepala Besar Big Head Carp	674.67	1,679.32	0.00	0.00	2,353.99
Udang Galah Giant Freshwater Prawn	820.48	11.38	0.00	0.00	831.86
Tilapia Hitam Black Tilapia	21,967.50	637.37	3.12	0.00	22,607.99
Tilapia Merah Red Tilapia	14,914.22	1,414.63	3,619.46	3,412.46	23,360.77
Jelawat River Carp	2,792.25	605.74	61.03	0.00	3,459.02
Keli Freshwater Catfish	2,551.16	5.47	0.00	353.79	2,910.42
Ketutu Goby	567.78	41.54	0.00	0.00	609.32
Belut Eel	46,953.34	0.00	0.00	0.00	46,953.34
Patin Freshwater Catfish	627.36	0.00	2,216.35	8.72	2,852.43
Toman River Catfish	99.72	0.00	0.00	0.00	99.72
Baung River Catfish	64.49	0.00	1,065.42	0.00	1,129.91
Pelbagai Others	1,905.44	309.91	122.35	23.31	2,361.01
Jumlah Total	109,040.43	5,911.23	7,174.77	3,798.28	125,924.71

MALAYSIA
ANGGARAN NILAI RUNCIT IKAN DARI KOLAM AIRTAWAR, SANGKAR AIRTAWAR,
BEKAS LOMBONG DAN TANGKI SIMEN MENGIKUT SPESIES IKAN, 1994
ESTIMATED RETAIL VALUE OF FISH FROM FRESHWATER PONDS, FRESHWATER CAGES,
EX-MINING POOLS AND CEMENT TANKS BY SPECIES, 1994
(Nilai Dalam RM '000/Value In RM '000)

JADUAL (TABLE) 14.6

Species/Sistem Kultura Species/Culture System	Kolam Airtawar Freshwater Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Airtawar Freshwater Cages	Tangki Simen Cement Tanks	Jumlah Total
Lampam Jawa <i>Javanese Carp</i>	8,181.41	89.32	20.58	0.00	8,291.31
Lee Koh <i>Common Carp</i>	5,544.35	32.82	0.00	0.00	5,577.17
Kap Rumpit <i>Grass Carp</i>	3,588.92	1,552.50	99.87	0.00	5,241.29
Kap Kepala Besar <i>Big Head Carp</i>	895.88	2,643.68	0.00	0.00	3,539.56
Udang Galah <i>Giant Freshwater Prawn</i>	1,022.17	15.22	0.00	0.00	1,037.39
Tilapia Hitam <i>Black Tilapia</i>	25,734.46	893.85	4.10	0.00	26,632.41
Tilapia Merah <i>Red Tilapia</i>	17,503.71	1,967.64	4,909.91	4,424.58	28,805.84
Jelawat <i>River Carp</i>	3,494.32	768.65	83.10	0.00	4,346.07
Keli <i>Freshwater Catfish</i>	3,656.23	8.14	0.00	445.15	4,109.52
Ketutu <i>Goby</i>	671.81	52.81	0.00	0.00	724.62
Belut <i>Eel</i>	46,953.34	0.00	0.00	0.00	46,953.34
Patin <i>Freshwater Catfish</i>	770.39	0.00	2,916.83	10.85	3,698.07
Toman <i>River Catfish</i>	123.28	0.00	0.00	0.00	123.28
Baung <i>River Catfish</i>	93.00	0.00	1,501.61	0.00	1,594.61
Pelbagai <i>Others</i>	2,401.13	499.85	186.03	29.52	3,116.53
Jumlah Total	120,634.40	8,524.48	9,722.03	4,910.10	143,791.01

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN 1994
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1994
 (Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

Spesies/Sistem Kultura Species/Culture System	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap Barramundi	96.92	2,594.20	0.00	0.00	0.00	2,691.12
Kerapu Grouper	0.01	930.71	0.00	0.00	0.00	930.72
Jenahak- Mangrove Snapper	0.00	1,338.62	0.00	0.00	0.00	1,338.62
Udang Putih Banana Prawn	69.28	0.00	0.00	0.00	0.00	69.28
Udang Harimau Tiger Prawn	5,789.46	0.00	0.00	0.00	0.00	5,789.46
Ketam Mud Crab	21.44	309.64	0.00	0.00	0.00	331.08
Tilapia Merah Red Tilapia	46.42	32.15	0.00	0.00	0.00	78.57
Merah Red Snapper	0.00	217.90	0.00	0.00	0.00	217.90
Kerang Dewasa Cockles	0.00	0.00	82,335.04	0.00	0.00	82,335.04
Siput Sudu Mussels	0.00	0.00	0.00	969.24	0.00	969.24
Tiram Oysters	0.00	0.00	0.00	0.00	22.35	22.35
Pelbagai Others	536.35	205.59	0.00	0.00	0.00	741.94
Jumlah Total	6,559.88	5,628.81	82,335.04	969.24	22.35	95,515.32

MALAYSIA
 ANGGARAN NILAI BORONG IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU,
 TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN, 1994
 ESTIMATED WHOLESALE VALUE OF FISH FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
 COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1994
 (Nilai Dalam RM'000/Value In RM'000)

Spesies/Sistem Kultura Species/Culture System	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap <i>Barramundi</i>	1,077.45	29,911.70	0.00	0.00	0.00	30,989.15
Kerapu <i>Grouper</i>	0.07	27,863.28	0.00	0.00	0.00	27,863.35
Jenahak <i>Mangrove Snapper</i>	0.00	15,221.53	0.00	0.00	0.00	15,221.53
Udang Putih <i>Banana Prawn</i>	1,546.25	0.00	0.00	0.00	0.00	1,546.25
Udang Harimau <i>Tiger Prawn</i>	111,573.11	0.00	0.00	0.00	0.00	111,573.11
Ketam <i>Mud Crab</i>	204.39	1,310.60	0.00	0.00	0.00	1,514.99
Tilapia Merah <i>Red Tilapia</i>	212.57	173.63	0.00	0.00	0.00	386.20
Merah <i>Red Snapper</i>	0.00	2,443.11	0.00	0.00	0.00	2,443.11
Kerang Dewasa <i>Cockles</i>	0.00	0.00	34,406.32	0.00	0.00	34,406.32
Siput Sudu <i>Mussels</i>	0.00	0.00	0.00	385.92	0.00	385.92
Tiram <i>Oysters</i>	0.00	0.00	0.00	0.00	231.47	231.47
Pelbagai <i>Others</i>	8,019.67	4,535.93	0.00	0.00		12,555.60
Jumlah <i>Total</i>	122,633.51	81,459.78	34,406.32	385.92	231.47	239,117.00

MALAYSIA
ANGGARAN NILAI RUNCIT IKAN DARI KOLAM AIRPAYAU, SANGKAR AIRPAYAU
TERNAKAN KERANG, TERNAKAN SIPUT SUDU DAN TERNAKAN TIRAM MENGIKUT SPESIES IKAN, 1994
ESTIMATED RETAIL VALUE OF FISH FROM BRACKISHWATER PONDS, BRACKISHWATER CAGES,
COCKLE CULTURE, MUSSEL CULTURE AND OYSTER CULTURE BY SPECIES, 1994
(Nilai Dalam RM'000/Value In RM'000)

Spesies/Sistem Kultura Species/Culture System	Kolam Airpayau Brackishwater Ponds	Sangkar Airpayau Brackishwater Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Jumlah Total
Siakap <i>Barramundi</i>	1,223.00	33,369.76	0.00	0.00	0.00	34,592.76
Kerapu <i>Grouper</i>	0.10	29,241.95	0.00	0.00	0.00	29,242.05
Jenahak <i>Mangrove Snapper</i>	0.00	17,539.00	0.00	0.00	0.00	17,539.00
Udang Putih <i>Banana Prawn</i>	1,786.02	0.00	0.00	0.00	0.00	1,786.02
Udang Harimau <i>Tiger Prawn</i>	121,558.48	0.00	0.00	0.00	0.00	121,558.48
Ketam <i>Mud Crab</i>	266.03	1,385.76	0.00	0.00	0.00	1,651.79
Tilapia Merah <i>Red Tilapia</i>	282.37	228.39	0.00	0.00	0.00	510.76
Merah <i>Red Snapper</i>	0.00	2,552.67	0.00	0.00	0.00	2,552.67
Kerang Dewasa <i>Cockles</i>	0.00	0.00	46,402.89	0.00	0.00	46,402.89
Siput Sudu <i>Mussels</i>	0.00	0.00	0.00	767.18	0.00	767.18
Tiram <i>Oysters</i>	0.00	0.00	0.00	0.00	303.85	303.85
Pelbagai <i>Others</i>	8,831.77	4,858.41	0.00	0.00	0.00	13,690.18
Jumlah Total	133,947.77	89,175.94	46,402.89	767.18	303.85	270,597.63

MALAYSIA
BILANGAN DAN LUAS KOLAM AIRTAWAR YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF FRESHWATER PONDS IN OPERATION AND NUMBER OF CULTURISTS
BY RACE AND STATE, 1994

JADUAL (TABLE) 15.1

Negeri <i>State</i>	Kolam Airtawar <i>Freshwater Ponds</i>		Bilangan Penternak <i>No. Of Culturists</i>				
	Bilangan <i>Number</i>	Luas (ha) <i>Area (ha)</i>	Melayu <i>Malay</i>	Cina <i>Chinese</i>	India <i>Indian</i>	Lain-lain <i>Others</i>	Jumlah <i>Total</i>
Perlis	252	28.99	190	2	0	1	193
Kedah	1,302	238.96	597	13	0	10	620
P.Pinang/Penang	136	15.57	54	8	3	0	65
Perak	2293	458.66	1268	159	15	32	1,474
Selangor	1,510	246.32	399	154	24	62	639
N. Sembilan	1590	296.42	1026	147	5	12	1,190
Melaka/Malacca	529	106.42	271	67	1	1	340
Johor/Johore	1,507	187.74	330	169	2	26	527
Pahang	2,214	3,226.00	1,148	128	4	32	1,312
Terengganu	792	91.26	516	4	0	0	520
Kelantan	1,180	139.48	804	17	1	0	822
Sarawak	2225	312.02	356	682	0	917	1,955
Sabah	10,907	1,204.78	0	860	1	3,925	4,786
Jumlah/Total:	26,437	6,552.62	6,959	2,410	56	5,018	14,443

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS
BY STATE AND SPECIES, 1994
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 15.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant SnakeHead	Baung River Catfish	Pelbagai Miscell- aneous	Jumlah Total
Perlis	0.45	1.10	0.00	0.92	0.93	10.96	8.07	0.24	21.33	0.00	0.00	0.00	0.00	0.00	1.28	45.28
Kedah	45.65	18.14	14.33	3.54	0.00	44.64	45.62	10.94	103.86	0.00	0.00	0.00	0.00	0.00	25.45	312.17
P.Pinang/Penang	3.11	0.00	0.00	0.00	0.18	0.15	11.49	2.00	33.41	0.00	0.00	0.00	0.00	0.00	0.10	50.44
Perak	135.60	0.00	280.23	47.80	21.96	52.31	70.00	49.90	37.01	0.00	0.00	0.00	0.00	0.00	53.86	748.67
Selangor	23.72	3.07	47.25	5.03	0.00	21.90	175.47	81.89	179.40	0.00	0.00	0.00	0.00	0.00	131.79	669.52
N. Sembilan	71.26	8.72	94.02	24.56	3.91	3.69	491.75	12.08	160.34	0.23	0.00	0.00	0.00	0.00	56.76	927.32
Melaka/Malacca	25.66	1.44	25.10	3.45	4.88	18.20	39.35	3.50	108.09	0.70	0.00	0.00	0.00	0.00	14.91	245.28
Johor/Johore	30.22	8.66	6.21	8.84	3.48	25.72	262.82	0.00	71.56	10.55	0.00	57.50	18.13	0.00	65.64	569.33
Pahang	68.78	22.23	70.78	14.69	6.98	8.17	88.55	66.84	12.33	0.00	3353.81	16.53	0.00	0.66	49.53	3,779.88
Terengganu	11.58	5.50	0.74	0.97	1.17	10.49	33.09	0.61	3.64	0.27	0.00	13.95	0.00	9.50	5.34	96.85
Kelantan	55.65	17.87	23.69	2.26	2.09	24.73	104.06	26.15	5.27	12.15	0.00	0.00	0.00	0.00	29.65	303.57
Sarawak	129.78	79.31	72.10	72.10	0.00	0.00	115.36	144.20	0.00	0.00	0.00	0.00	0.00	0.00	108.15	721.00
Sabah	842.00	481.00	30.00	20.00	0.00	3,548.00	1,022.00	15.00	0.00	0.00	0.00	25.00	0.00	0.00	32.00	6,015.00
Jumlah/Total:	1,443.46	647.04	664.45	204.16	45.58	3,768.96	2,467.63	413.35	736.24	23.90	3,353.81	112.98	18.13	10.16	574.46	14,484.31

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

JADUAL (TABLE) 15.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRTAWAR MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND FISH SPECIES, 1994
 (Nilai Dalam RM'000/Value In RM'000)

Negeri State	Lampam Javanese Carp	Lee Koh Common Carp	Kap Rumpot Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscell- aneous	Jumlah Total
Perlis	0.90	2.20	0.00	1.93	13.02	32.44	24.21	1.32	61.86	0.00	0.00	0.00	0.00	0.00	8.96	146.84
Kedah	135.12	55.87	46.00	10.90	0.00	133.92	159.67	98.46	324.04	0.00	0.00	0.00	0.00	0.00	50.90	1014.88
P.Pinang/Penang	8.37	0.00	0.00	0.00	3.76	0.53	40.79	22.00	115.93	0.00	0.00	0.00	0.00	0.00	0.06	191.44
Perak	493.58	0.00	1,210.59	121.89	373.10	171.58	267.40	395.71	142.85	0.00	0.00	0.00	0.00	0.00	118.49	3,295.19
Selangor	104.84	11.27	152.15	8.95	0.00	60.88	707.14	689.51	633.28	0.00	0.00	0.00	0.00	0.00	284.66	2,652.68
N.Sembilan	229.46	30.61	332.83	55.51	43.91	8.01	1,514.59	65.72	545.16	3.47	0.00	0.00	0.00	0.00	280.39	3,109.66
Melaka/Malacca	83.14	4.32	82.58	6.04	82.96	43.32	140.48	23.98	362.10	22.16	0.00	0.00	0.00	0.00	58.00	909.08
Johor/Johore	122.39	28.15	26.39	33.15	62.64	74.59	1,300.96	0.00	282.66	340.77	0.00	270.25	99.72	0.00	239.59	2,881.26
Pahang	292.32	68.92	247.77	51.42	196.49	23.69	385.20	401.04	50.56	0.00	46,953.34	68.53	0.00	6.54	94.11	48,839.93
Terengganu	42.27	20.35	2.96	3.83	13.98	34.09	130.71	4.21	14.01	6.37	0.00	88.58	0.00	57.95	15.22	434.53
Kelantan	242.08	85.78	108.97	8.70	30.62	96.45	468.27	192.20	18.71	195.01	0.00	0.00	0.00	0.00	130.46	1,577.25
Sarawak	648.90	277.59	252.35	252.35	0.00	0.00	576.80	793.10	0.00	0.00	0.00	0.00	0.00	0.00	432.60	3,233.69
Sabah	5,052.00	4,329.00	270.00	120.00	0.00	21,288.00	9,198.00	105.00	0.00	0.00	0.00	200.00	0.00	0.00	192.00	40,754.00
Jumlah/Total	7,455.37	4,914.06	2,732.59	674.67	820.48	21,967.50	14,914.22	2,792.25	2,551.16	567.78	46,953.34	627.36	99.72	64.49	1,905.44	109,040.43

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

JADUAL(TABLE) 15.4

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIR TAWAR MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS BY STATE AND FISH SPECIES, 1994
 (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	1.51	3.85	0.00	3.36	17.98	49.32	37.36	1.71	101.32	0.00	0.00	0.00	0.00	0.00	8.32	224.73
Kedah	157.95	66.39	52.73	13.35	0.00	158.03	188.41	131.28	380.13	0.00	0.00	0.00	0.00	0.00	72.02	1220.29
P.Pinang/Penang	9.70	0.00	0.00	0.00	4.55	0.57	52.74	22.00	152.02	0.00	0.00	0.00	0.00	0.00	0.11	241.69
Perak	682.07	0.00	1,684.18	192.63	498.71	242.20	374.00	501.99	199.11	0.00	0.00	0.00	0.00	0.00	182.05	4,556.94
Selangor	125.48	13.51	222.08	13.08	0.00	81.47	898.41	876.22	941.85	0.00	0.00	0.00	0.00	0.00	423.05	3,595.15
N.Sembilan	340.62	43.60	427.79	114.45	60.29	13.73	2,360.40	97.00	880.26	6.86	0.00	0.00	0.00	0.00	283.80	4,628.80
Melaka/Malacca	107.77	5.04	105.92	8.07	83.94	52.05	188.88	32.45	522.07	23.55	0.00	0.00	0.00	0.00	74.55	1,204.29
Johor/Johore	145.06	38.97	31.67	40.22	66.82	93.88	1,524.36	0.00	368.53	399.32	0.00	322.00	123.28	0.00	292.10	3,446.21
Pahang	395.49	105.60	329.13	66.84	234.53	33.50	88.55	534.72	64.74	0.00	46,953.34	86.79	0.00	9.87	143.64	49,046.74
Terengganu	56.74	26.68	3.70	4.41	18.25	45.11	180.34	5.61	20.38	6.98	0.00	111.60	0.00	83.13	22.70	585.63
Kelantan	328.34	113.47	143.32	11.07	37.10	128.60	582.74	234.04	25.82	235.10	0.00	0.00	0.00	0.00	166.04	2,005.64
Sarawak	778.68	317.24	288.40	288.40	0.00	0.00	807.52	937.30	0.00	0.00	0.00	0.00	0.00	0.00	540.75	3,958.29
Sabah	5,052.00	4,810.00	300.00	140.00	0.00	24,836.00	10,220.00	120.00	0.00	0.00	0.00	250.00	0.00	0.00	192.00	45,920.00
Jumlah/Total	8,181.41	5,544.35	3,588.92	895.88	1,022.17	25,734.46	17,503.71	3,494.32	3,656.23	671.81	46,953.34	770.39	123.28	93.00	2,401.13	120,634.40

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

MALAYSIA
BILANGAN DAN LUAS BEKAS LOMBONG YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF EX-MINING POOLS IN OPERATION AND
NUMBER OF CULTURISTS BY RACE AND STATE, 1994

JADUAL(TABLE) 16.1

Negeri State	Bekas Lombong Ex Mining Pools		Bilangan Penternak Number Of Culturists				
	Bilangan Number	Luas (ha) Area(ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	2	5.95	1	1	0	0	2
P.Pinang/Penang	0	0.00	0	0	0	0	0
Perak	151	565.14	46	82	0	4	132
Selangor	65	143.59	17	15	1	9	42
N. Sembilan	7	8.65	0	7	0	0	7
Melaka	0	0.00	0	0	0	0	0
Johor	0	0.00	0	0	0	0	0
Pahang	9	363.00	35	0	0	0	35
Terengganu	0	0	0	0	0	0	0
Kelantan	0	0	0	0	0	0	0
Sarawak	0	0	0	0	0	0	0
Sabah	0	0	0	0	0	0	0
Jumlah/Total:	234	1,086.33	99	105	1	13	218

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI BEKAS LOMBONG AIR TAWAR
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 16.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- Water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp Carp	Keli Freshwater Catfish	Ketutu Goby	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
P.Pinang/Penang	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	11.48	0.00	241.04	616.94	0.67	170.08	346.73	75.36	0.00	0.00	94.02	1,556.32
Selangor	2.60	0.28	8.17	20.59	0.00	28.61	20.10	0.61	1.55	1.29	46.53	130.33
N. Sembilan	0.00	0.00	9.72	7.88	0.00	0.00	1.55	0.00	0.00	0.00	0.52	19.67
Melaka/Malacca	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/Johore	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	3.10	6.65	4.50	14.76	0.00	0.00	1.00	0.50	0.00	0.00	10.38	40.89
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	17.18	6.93	263.43	660.17	0.67	198.69	369.38	76.47	1.55	1.29	151.45	1,747.21

Nota: Pelbagai - Termasuk Ikan Haruan, Patin, Baung dan Sepat Siam.
Note: Miscellaneous - Includes Snake Head, River Catfish and Snakeskin Gouramy.

JADUAL (TABLE) 16.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTIONS FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1994
(Nilai dalam RM'000/Value in RM'000)

Negeri <i>State</i>	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Kap Rumput <i>Grass Carp</i>	Kap Kepala Besar <i>Big Head Carp</i>	Udang Galah <i>Giant Fresh-Prawn</i>	Tilapia Hitam <i>Black Tilapia</i>	Tilapia Merah <i>Red Tilapia</i>	Jelawat <i>River Carp</i>	Keli <i>Freshwater Catfish</i>	Ketutu <i>Goby</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang/Penang	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	41.79	0.00	1,041.29	1,573.20	11.38	557.83	1,324.51	597.60	0.00	0.00	206.84	5354.44
Selangor	11.49	1.03	26.31	36.65	0.00	79.54	81.00	5.14	5.47	41.54	100.50	388.67
N. Sembilan	0.00	0.00	34.41	17.81	0.00	0.00	4.77	0.00	0.00	0.00	2.57	59.56
Melaka/Malacca	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/Johore	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	13.18	20.62	15.75	51.66	0.00	0.00	4.35	3.00	0.00	0.00	0.00	108.56
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:	66.46	21.65	1,117.76	1,679.32	11.38	637.37	1,414.63	605.74	5.47	41.54	309.91	5911.23

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, Patin, Baung dan Sepat Siam.
 Note: Miscellaneous - Includes Snake Head, River Catfish and Snakeskin Gouramy.

JADUAL (TABLE) 16.4

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1994
 (Nilai dalam RM'000/Value in RM'000)

Negeri <i>State</i>	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Kap Rumpot <i>Grass Carp</i>	Kap Kepala Besar <i>Big Head Carp</i>	Udang Galah <i>Giant Fresh-Prawn</i>	Tilapia Hitam <i>Black Tilapia</i>	Tilapia Merah <i>Red Tilapia</i>	Jelawat <i>River Carp</i>	Keli <i>Freshwater Catfish</i>	Ketutu <i>Goby</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Pertis	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
P.Pinang/Penang	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	57.74	0.00	1,448.65	2,486.27	15.22	787.42	1,851.54	758.12	0.00	0.00	317.79	7,722.75
Selangor	13.75	1.23	38.70	53.53	0.00	106.43	102.91	6.53	8.14	52.81	149.36	533.39
N. Sembilan	0.00	0.00	44.22	36.72	0.00	0.00	7.44	0.00	0.00	0.00	2.60	90.98
Melaka/Malacca	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/Johore	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	17.83	31.59	20.93	67.16	0.00	0.00	5.75	4.00	0.00	0.00	30.10	177.36
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:	89.32	32.82	1,552.50	2,643.68	15.22	893.85	1,967.64	768.65	8.14	52.81	499.85	8,524.48

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, Patin, Baung dan Sepat Siam.
 Note: Miscellaneous - Includes Snake Head, River Catfish and Snakeskin Gouramy.

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRTAWAR YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF FRESHWATER CAGES IN OPERATION AND NUMBER OF CULTURISTS
BY RACE AND STATE, 1994

JADUAL (TABLE) 17.1

Negeri State	Sangkar Airtawar Freshwater Cages		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area (m2)	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	0	0.00	0	0	0	0	0
P.Pinang/Penang	0	0.00	0	0	0	0	0
Perak	585	7,032.73	66	1	0	0	67
Selangor	741	19,771.66	10	6	0	1	17
N. Sembilan	529	7,601.34	1	4	0	1	6
Melaka/Malacca	75	684.60	3	4	0	1	8
Johor/Johore	230	2,178.77	23	0	0	0	23
Pahang	654	7,508.27	205	7	0	91	303
Terengganu	354	4,855.00	37	3	0	0	40
Kelantan	0	0.00	0	0	0	0	0
Sarawak	696	7,164.04	37	56	0	311	404
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	3,864	56,796.41	382	81	0	405	868

JADUAL (TABLE) 17.2

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1994
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P. Pinang/ Penang	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	2.68	0.00	15.61	0.00	0.00	0.00	4.90	2.85	1.30	0.00	56.44	29.14	112.92
Selangor	0.00	0.00	0.00	0.00	0.00	0.48	222.09	0.00	1.80	0.00	0.00	0.49	224.86
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	161.68	4.10	5.17	0.00	0.00	0.00	170.95
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	3.97	0.00	2.99	0.00	0.00	0.00	6.96
Johor/Johore	0.09	0.00	0.00	0.00	0.00	0.28	17.68	0.00	0.00	0.00	0.00	0.50	18.55
Pahang	1.16	0.00	1.30	0.00	0.00	0.00	7.48	2.62	115.66	0.00	1.53	17.94	147.69
Terengganu	0.00	0.00	0.00	0.00	0.00	0.30	6.97	0.06	2.81	0.00	93.53	7.46	111.13
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	341.00	0.00	279.00	0.00	0.00	0.00	620.00
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	3.93	0.00	16.91	0.00	0.00	1.06	765.77	9.63	408.73	0.00	151.50	55.53	1,413.06

Pelbagai - Termasuk ikan-ikan Haruan dan Sepat Siam.
 Miscellaneous - Includes Snakehead and Snakeskin Gouramy.

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIRTAWAR
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES
BY STATE AND FISH SPECIES, 1994
 (Nilai dalam RM'000/Value in RM'000)

JADUAL (TABLE) 17.3

Negeri <i>State</i>	Lampam Jawa <i>Javanese Carp</i>	Lee Koh <i>Common Carp</i>	Kap Rumput <i>Grass Carp</i>	Kap Kepala Besar <i>Big Head Carp</i>	Ketutu <i>Goby</i>	Tilapia Hitam <i>Black Tilapia</i>	Tilapia Merah <i>Red Tilapia</i>	Jelawat <i>River Carp</i>	Patin <i>River Catfish</i>	Toman <i>Giant Snakehead</i>	Baung <i>River Catfish</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang/Penang	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	9.76	0.00	67.44	0.00	0.00	0.00	18.71	22.60	6.50	0.00	479.74	64.11	668.86
Selangor	0.00	0.00	0.00	0.00	0.00	1.33	895.02	0.00	9.45	0.00	0.00	1.06	906.86
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	497.97	22.30	18.10	0.00	0.00	0.00	538.37
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	14.17	0.00	10.47	0.00	0.00	0.00	24.64
Johor/Johore	0.36	0.00	0.00	0.00	0.00	0.81	87.52	0.00	0.00	0.00	0.00	1.83	90.52
Pahang	4.93	0.00	4.55	0.00	0.00	0.00	32.54	15.72	479.99	0.00	15.15	34.09	586.97
Terengganu	0.00	0.00	0.00	0.00	0.00	0.98	27.53	0.41	17.84	0.00	570.53	21.26	638.55
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	2,046.00	0.00	1,674.00	0.00	0.00	0.00	3,720.00
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:	15.05	0.00	71.99	0.00	0.00	3.12	3,619.46	61.03	2,216.35	0.00	1,065.42	122.35	7,174.77

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

JADUAL (TABLE) 17.4

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIRTAWAR
 MENGIKUT NEGERI DAN SPESIES IKAN, 1994
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES
 BY STATE AND FISH SPECIES, 1994
 (Nilai Dalam RM'000/Value In RM'000)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Patin River Catfish	Toman Giant Snakehead	Baung River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang/Penang	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	13.48	0.00	93.82	0.00	0.00	0.00	26.17	28.67	7.80	0.00	660.35	98.49	928.78
Selangor	0.00	0.00	0.00	0.00	0.00	1.79	1,137.10	0.00	11.70	0.00	0.00	1.57	1,152.16
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	776.04	32.92	20.68	0.00	0.00	0.00	829.64
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	19.06	0.00	14.95	0.00	0.00	0.00	34.01
Johor/Johore	0.43	0.00	0.00	0.00	0.00	1.02	102.54	0.00	0.00	0.00	0.00	2.23	106.22
Pahang	6.67	0.00	6.05	0.00	0.00	0.00	43.01	20.96	607.22	0.00	22.87	52.03	758.81
Terengganu	0.00	0.00	0.00	0.00	0.00	1.29	37.99	0.55	22.48	0.00	818.39	31.71	912.41
Kelantan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	2,768.00	0.00	2,232.00	0.00	0.00	0.00	5,000.00
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:	20.58	0.00	99.87	0.00	0.00	4.10	4,909.91	83.10	2,916.83	0.00	1,501.61	186.03	9,722.03

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

JADUAL(TABLE) 18.1

MALAYSIA
BILANGAN DAN LUAS TANGKI SIMEN YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF CEMENT TANK IN OPERATION AND NUMBER OF CULTURISTS
BY RACE AND STATE, 1994

Negeri State	Tangki Simen Cement Tanks		Bilangan Pentermak No. Of Culturists				
	Bilangan Number	Luas (m2) Area (m2)	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	31	2,076.88	11	1	0	1	13
P.Pinang/ Penang	0	0.00	0	0	0	0	0
Perak	10	7,171.75	1	1	0	0	2
Selangor	72	18,661.82	6	5	0	1	12
N. Sembilan	78	7,181.09	18	1	0	0	19
Melaka/Malacca	54	985.92	22	1	0	0	23
Johor/Johore	218	4,197.92	73	0	0	3	76
Pahang	153	2,611.69	79	0	1	0	80
Terengganu	88	1,308.00	43	0	0	0	43
Kelantan	10	3,004.66	8	0	0	0	8
Sarawak	13	1,063.90	5	15	0	10	30
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	727	48,263.63	266	24	1	15	306

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI TANGKI SIMEN
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED FISH PRODUCTION FROM CEMENT TANK
BY STATE AND FISH SPECIES, 1994
(Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

JADUAL(TABLE) 18.2

Negeri State	Keli Freshwater Catfish	Tilapia Merah Red Tilapia	Ketutu Goby	Patin River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	3.56	0.42	0.00	0.00	0.00	3.98
P.Pinang/Penang	0.00	0.00	0.00	0.00	0.00	0.00
Perak	7.71	157.10	0.00	0.00	0.00	164.81
Selangor	1.51	671.51	0.00	1.50	2.12	676.64
N. Sembilan	7.35	12.26	0.00	0.04	0.01	19.66
Melaka/Malacca	2.77	1.00	0.00	0.00	0.46	4.23
Johor/Johore	46.92	1.45	0.00	0.00	4.25	52.62
Pahang	6.94	0.36	0.00	0.03	0.10	7.43
Terengganu	3.78	0.51	0.00	0.00	0.00	4.29
Kelantan	8.62	6.13	0.00	0.13	0.27	15.15
Sarawak	0.00	5.00	0.00	0.00	0.00	5.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	89.16	855.74	0.00	1.70	7.21	953.81

Nota: Termasuk Ikan-Ikan seperti Tanda, Dengkis, Cupak/Cemin dan Talang.
Note : Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI TANGKI SIMEN
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM CEMENT TANK
BY STATE AND FISH SPECIES, 1994
(Nilai dalam RM'000/Value In RM'000)

JADUAL(TABLE) 18.3

Negeri State	Keli FreshWater Catfish	Tilapia Red Tilapia	Ketutu Goby	Patin River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	11.11	1.47	0.00	0.00	0.00	12.58
P.Pinang/Penang	0.00	0.00	0.00	0.00	0.00	0.00
Perak	29.76	600.12	0.00	0.00	0.00	629.88
Selangor	5.33	2,706.19	0.00	7.88	4.58	2,723.98
N. Sembilan	23.67	37.76	0.00	0.14	0.05	61.62
Melaka/Malacca	24.99	3.57	0.00	0.00	1.79	30.35
Johor/Johore	185.33	7.18	0.00	0.00	15.51	208.02
Pahang	28.45	1.57	0.00	0.12	0.19	30.33
Terengganu	14.55	2.01	0.00	0.00	0.00	16.56
Kelantan	30.60	27.59	0.00	0.58	1.19	59.96
Sarawak	0.00	25.00	0.00	0.00	0.00	25.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	353.79	3,412.46	0.00	8.72	23.31	3,798.28

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

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

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN TANGKI SIMEN
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM CEMENT TANK
BY STATE AND FISH SPECIES, 1994
 (Nilai Dalam RM'000/Value In RM'000)

JADUAL(TABLE) 18.4

Negeri State	Keli Fresh Water Catfish	Tilapia Merah Red Tilapia	Ketutu Goby	Patin River Catfish	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	13.03	1.73	0.00	0.00	0.00	14.76
P.Pinang/Penang	0.00	0.00	0.00	0.00	0.00	0.00
Perak	41.48	838.91	0.00	0.00	0.00	880.39
Selangor	7.93	3,438.13	0.00	9.75	6.81	3,462.62
N. Sembilan	40.35	58.85	0.00	0.16	0.05	99.41
Melaka/Malacca	13.38	4.80	0.00	0.00	2.30	20.48
Johor/Johore	230.70	8.82	0.00	0.00	18.56	258.08
Pahang	36.44	2.07	0.00	0.16	0.29	38.96
Terengganu	21.17	2.78	0.00	0.00	0.00	23.95
Kelantan	40.67	33.49	0.00	0.78	1.51	76.45
Sarawak	0.00	35.00	0.00	0.00	0.00	35.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	445.15	4,424.58	0.00	10.85	29.52	4,910.10

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

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

JADUAL (TABLE) 19.1

MALAYSIA
BILANGAN DAN LUAS KOLAM AIRPAYAU YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF BRACKISHWATER PONDS IN OPERATION AND NUMBER OF
CULTURIST BY RACE AND STATE, 1994

Negeri State	Kolam Airpayau Brackishwater Ponds		Bilangan Penternak Number Of Culturists				
	Bilangan Number	Luas (ha) Area (ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	10	4.24	2	3	0	0	5
Kedah	367	257.14	60	6	2	17	85
P.Pinang/Penang	88	82.05	6	9	0	0	15
Perak	341	199.56	46	45	0	13	104
Selangor	426	342.48	47	31	0	11	89
N. Sembilan	27	21.00	1	0	0	4	5
Melaka/Malacca	25	14.95	3	1	0	3	7
Johor/Johore	569	577.69	37	54	0	12	103
Pahang	274	269.34	42	1	0	2	45
Terengganu	144	51.72	50	0	0	0	50
Kelantan	142	67.75	32	3	1	2	38
Sarawak	79	13.88	65	24	0	25	114
Sabah	793	545.54	49	69	0	9	127
Jumlah/Total:	3,285	2,447.34	440	246	3	98	787

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS BY STATE AND FISH SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 19.2

Negeri <i>State</i>	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Tilapia Merah <i>Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.25	0.01	0.00	0.10	93.60	0.00	0.00	0.00	93.96
Kedah	1.34	0.00	0.00	0.00	585.76	0.01	0.00	0.00	587.11
P.Pinang/Penang	31.48	0.00	0.00	0.00	4.57	0.00	0.00	531.27	567.32
Perak	0.00	0.00	0.00	0.00	1,226.15	0.00	0.00	0.00	1,226.15
Selangor	2.98	0.00	0.00	1.50	901.43	20.10	0.00	5.05	931.06
N. Sembilan	0.00	0.00	0.00	0.00	113.24	0.00	0.00	0.00	113.24
Melaka/Malacca	8.67	0.00	0.00	0.20	40.63	0.00	0.00	0.00	49.50
Johor/Johore	5.68	0.00	0.00	66.93	720.48	0.80	0.00	0.00	793.89
Pahang	15.75	0.00	0.00	0.28	311.44	0.00	20.00	0.00	347.47
Terengganu	2.21	0.00	0.00	0.27	48.81	0.37	3.11	0.00	54.77
Kelantan	0.56	0.00	0.00	0.00	143.35	0.16	1.31	0.03	145.41
Sarawak	28.00	0.00	0.00	0.00	0.00	0.00	22.00	0.00	50.00
Sabah	0.00	0.00	0.00	0.00	1,600.00	0.00	0.00	0.00	1,600.00
Jumlah/Total	96.92	0.01	0.00	69.28	5,789.46	21.44	46.42	536.35	6,559.88

Nota: Pelbagai - Termasuk Ikan-Ikan seperti Tanda, Dengkis, Cemin dan Talang.

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

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
BY STATE AND FISH SPECIES, 1994
(Nilai Dalam RM'000/Value in RM'000)

JADUAL (TABLE) 19.3

Negeri <i>State</i>	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Tilapia Merah <i>Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	1.88	0.07	0.00	1.00	1,595.11	0.00	0.00	0.00	1,598.06
Kedah	12.94	0.00	0.00	0.00	10,801.41	0.09	0.00	0.00	10,814.44
P.Pinang/Penang	389.72	0.00	0.00	0.00	100.10	0.00	0.00	7,969.05	8,458.87
Perak	0.00	0.00	0.00	0.00	28,201.45	0.00	0.00	0.00	28,201.45
Selangor	29.71	0.00	0.00	33.00	17,749.16	191.96	0.00	50.50	18,054.33
N. Sembilan	0.00	0.00	0.00	0.00	2,140.24	0.00	0.00	0.00	2,140.24
Melaka/Malacca	82.37	0.00	0.00	3.00	782.13	0.00	0.00	0.00	867.50
Johor/Johore	68.16	0.00	0.00	1,502.58	14,265.50	9.52	0.00	0.00	15,845.76
Pahang	135.45	0.00	0.00	2.35	5,216.62	0.00	84.00	0.00	5,438.42
Terengganu	16.46	0.00	0.00	4.32	783.40	1.98	12.28	0.00	818.44
Kelantan	4.76	0.00	0.00	0.00	2,737.99	0.84	6.29	0.12	2,750.00
Sarawak	336.00	0.00	0.00	0.00	0.00	0.00	110.00	0.00	446.00
Sabah	0.00	0.00	0.00	0.00	27,200.00	0.00	0.00	0.00	27,200.00
Jumlah/Total	1,077.45	0.07	0.00	1,546.25	111,573.11	204.39	212.57	8,019.67	122,633.51

Nota: Pelbagai - Termasuk Ikan-Ikan Tanda, Dengkis, Cupak/Cermin dan Talang
 Note: Miscellaneous - Includes Snapper, Rabbitfish, Horse Mackerel and Queenfish

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI KOLAM AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
BY STATE AND FISH SPECIES, 1994
(Nilai Dalam RM'000/Value In RM'000)

JADUAL(TABLE) 19.4

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	2.38	0.10	0.00	1.45	1,834.56	0.00	0.00	0.00	1838.49
Kedah	15.81	0.00	0.00	0.00	12,154.52	0.10	0.00	0.00	12170.43
P. Pinang/Penang	393.81	0.00	0.00	0.00	105.93	0.00	0.00	8,765.97	9265.71
Perak	0.00	0.00	0.00	0.00	28,973.92	0.00	0.00	0.00	28,973.92
Selangor	35.37	0.00	0.00	42.00	20,814.02	251.25	0.00	65.65	21,208.29
N. Sembilan	0.00	0.00	0.00	0.00	2,330.48	0.00	0.00	0.00	2,330.48
Melaka/Malacca	94.16	0.00	0.00	3.60	864.61	0.00	0.00	0.00	962.37
Johor/Johore	80.37	0.00	0.00	1,730.14	16,498.99	11.00	0.00	0.00	18,320.50
Pahang	181.13	0.00	0.00	3.43	6,643.02	0.00	128.00	0.00	6,955.58
Terengganu	22.43	0.00	0.00	5.40	927.39	2.74	14.77	0.00	972.73
Kelantan	5.54	0.00	0.00	0.00	3,211.04	0.94	7.60	0.15	3,225.27
Sarawak	392.00	0.00	0.00	0.00	0.00	0.00	132.00	0.00	524.00
Sabah	0.00	0.00	0.00	0.00	27,200.00	0.00	0.00	0.00	27,200.00
Jumlah/Total	1,223.00	0.10	0.00	1,786.02	121,558.48	266.03	282.37	8,831.77	133,947.77

Nota: Pelbagai - Termasuk Ikan-Ikan Tanda, Dengkis, Cermin dan Talang
Note: Miscellaneous - Includes Snapper, Rabbitfish, Horse Mackerel and Queenfish

MALAYSIA
BILANGAN DAN LUAS SANGKAR AIRPAYAU YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF BRACKISHWATER CAGES IN OPERATION AND NUMBER OF CULTURISTS
BY RACE AND STATE, 1994

JADUAL (TABLE) 20.1

Negeri State	Sangkar Airpayau Brackishwater Cages		Bilangan Penternak No. Of Culturists				
	Bilangan Number	Luas (M2) Area (m2)	Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	Jumlah Total
Perlis	95	237.00	0	2	0	0	2
Kedah	2,206	23,009.15	96	12	0	2	110
P.Pinang/ Penang	27,605	249,455.00	0	121	0	0	121
Perak	18,125	139,029.00	28	166	1	4	199
Selangor	6,499	112,876.63	2	32	0	0	34
N. Sembilan	42	707.00	4	0	0	1	5
Melaka/Malacca	140	1,815.41	3	0	0	2	5
Johor/Johore	5847	122,342.19	77	105	0	1	183
Pahang	88	1,393.60	14	0	0	0	14
Terengganu	583	5,318.16	24	0	0	0	24
Kelantan	244	12,461.61	62	0	0	0	62
Sarawak	54	729.00	27	15	0	5	47
Sabah	1,228	10,065.00	0	0	0	117	117
Jumlah/Total:	62,756	679,438.75	337	453	1	132	923

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
BY STATE AND FISH SPECIES, 1994
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 20.2

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	16.26	0.00	0.00	16.26
Kedah	80.70	14.36	19.09	0.00	0.00	0.00	0.00	0.39	3.54	118.08
P.Pinang/Penang	654.09	118.73	171.51	214.25	0.00	0.00	7.43	0.00	7.35	1,173.36
Perak	935.54	287.64	352.94	0.00	0.00	0.00	0.00	0.00	0.00	1,576.12
Selangor	566.90	129.17	451.59	0.00	0.00	0.00	0.00	0.00	0.00	1,147.66
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	3.91	0.00	0.00	0.00	0.00	0.00	0.00	1.25	3.19	8.35
Johor/Johore	292.03	7.50	343.49	3.65	0.00	0.00	0.95	19.80	141.48	808.90
Pahang	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86
Terengganu	5.59	1.11	0.00	0.00	0.00	0.00	0.00	0.31	0.03	7.04
Kelantan	31.58	4.20	0.00	0.00	0.00	0.00	0.00	1.40	0.00	37.18
Sarawak	23.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	0.00	32.00
Sabah	0.00	368.00	0.00	0.00	0.00	0.00	285.00	0.00	50.00	703.00
Jumlah/Total:	2,594.20	930.71	1,338.62	217.90	0.00	0.00	309.64	32.15	205.59	5,628.81

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

JADUAL (TABLE) 20.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1994
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
 BY STATE AND FISH SPECIES, 1994
 (Nilai Dalam RM '000/Value In RM '000)

Negeri/ State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Udang Harimau <i>Tiger Prawn</i>	Ketam <i>Mud Crab</i>	Tilapia <i>Merah Red Tilapia</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	174.95	0.00	0.00	174.95
Kedah	800.62	402.08	210.00	0.00	0.00	0.00	0.00	1.37	20.49	1,434.56
P. Pinang/Penang	8,097.63	3,104.79	2,229.63	2,421.03	0.00	0.00	69.84	0.00	110.25	16,033.17
Perak	11,226.48	9,204.48	5,470.57	0.00	0.00	0.00	0.00	0.00	0.00	25,901.53
Selangor	5,651.99	2,039.59	3,910.78	0.00	0.00	0.00	0.00	0.00	0.00	11,602.36
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	37.14	0.00	0.00	0.00	0.00	0.00	0.00	6.25	0.00	43.39
Johor/Johore	3,504.36	155.25	3,400.55	22.08	0.00	0.00	11.31	119.79	2,405.16	9,618.50
Pahang	7.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.40
Terengganu	41.65	20.81	0.00	0.00	0.00	0.00	0.00	1.22	0.03	63.71
Kelantan	268.43	56.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	324.71
Sarawak	276.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00	0.00	321.00
Sabah	0.00	12,880.00	0.00	0.00	0.00	0.00	1,054.50	0.00	2,000.00	15,934.50
Jumlah/Total	29,911.70	27,863.28	15,221.53	2,443.11	0.00	0.00	1,310.60	173.63	4,535.93	81,459.78

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

JADUAL (TABLE) 20.4

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN IKAN DARI SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN, 1994
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
BY STATE AND FISH SPECIES, 1994
(Nilai Dalam RM '000/Value In RM '000)

Negeri/ State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Tilapia Merah Red Tilapia	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	243.90	0.00	0.00	243.90
Kedah	952.26	434.39	231.56	0.00	0.00	0.00	0.00	1.76	26.62	1,646.59
P. Pinang/Penang	8,182.66	3,609.39	2,251.93	2,508.87	0.00	0.00	74.30	0.00	121.28	16,748.43
Perak	12,629.79	9,707.85	5,978.80	0.00	0.00	0.00	0.00	0.00	0.00	28,316.44
Selangor	6,729.10	2,328.94	4,972.00	0.00	0.00	0.00	0.00	0.00	0.00	14,030.04
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	42.46	0.00	0.00	0.00	0.00	0.00	0.00	5.63	22.33	70.42
Johor/Johore	4,132.22	190.13	4,104.71	43.80	0.00	0.00	13.06	157.41	2,688.12	11,329.45
Pahang	9.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.89
Terengganu	56.74	25.31	0.00	0.00	0.00	0.00	0.00	1.47	0.06	83.58
Kelantan	312.64	65.94	0.00	0.00	0.00	0.00	0.00	8.12	0.00	386.70
Sarawak	322.00	0.00	0.00	0.00	0.00	0.00	0.00	54.00	0.00	376.00
Sabah	0.00	12,880.00	0.00	0.00	0.00	0.00	1,054.50	0.00	2,000.00	15,934.50
Jumlah/Total	33,369.76	29,241.95	17,539.00	2,552.67	0.00	0.00	1,385.76	228.39	4,858.41	89,175.94

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

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN KERANG SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF COCKLES CULTURE AND NUMBER
OF CULTURISTS BY RACE AND STATE, 1994

JADUAL(TABLE) 21.1

Negeri State	Ternakan Kerang Cockles Culture		Bilangan Penternak Number Of Culturists				
	Bilangan Number	Luas Kawasan LTS (ha) TOL Area (ha)	Melayu Malays	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	3	69.63	0	0	0	3	3
P. Pinang / Penang	27	1,098.00	16	11	0	0	27
Perak	223	2,883.19	28	159	0	36	223
Selangor	14	544.00	10	0	0	4	14
N. Sembilan	0	0.00	0	0	0	0	0
Melaka/ Malacca	0	0.00	0	0	0	0	0
Johor/Johore	2	45.53	0	1	0	1	2
Pahang	0	0.00	0	0	0	0	0
Terengganu	0	0.00	0	0	0	0	0
Kelantan	0	0.00	0	0	0	0	0
Sarawak	0	0.00	0	0	0	0	0
Sabah	NA	NA	NA	NA	NA	NA	NA
Jumlah/Total	269	4,640.35	54	171	0	44	269

Nota: LTS - Lesen Tumpangan Sementara
NA - Tidak dapat diperolehi

MALAYSIA
PENGELUARAN KERANG DEWASA MENGIKUT BULAN DAN NEGERI, 1994
PRODUCTION OF COCKLES BY MONTH AND STATE, 1994
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 21.2

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	62.25	0.00	0.00	0.00	59.99	141.43	114.59	16.97	0.00	0.00	0.00	0.00	395.23
P.Pinang/Penang	1,471.80	1,112.51	1,177.21	1,159.04	1,092.03	1,061.04	1,324.19	1,234.49	1,191.77	1,282.16	1,229.98	1,141.05	14,477.27
Perak	2,963.00	3,409.87	3,541.43	3,800.75	4,399.56	4,933.48	4,597.70	4,476.44	4,787.37	4,152.53	4,101.85	5,716.92	50,880.90
Selangor	1,634.16	1,296.89	1,414.83	1,216.96	1,342.63	892.38	1,162.26	891.65	1,021.83	1,298.64	1,380.25	2,012.00	15,564.48
N.Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	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/Johore	22.16	13.18	22.16	37.22	38.94	44.40	67.64	78.14	17.36	53.16	55.92	14.18	464.46
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	33.55	25.47	18.26	39.48	30.49	28.06	33.70	39.84	46.80	41.39	162.08	53.58	552.70
Jumlah/Total	6,186.92	5,857.92	6,173.89	6,253.45	6,963.64	7,100.79	7,300.08	6,737.53	7,065.13	6,827.88	6,930.08	8,937.73	82,335.04

MALAYSIA
PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 1994
PRODUCTION OF COCKLE SEEDS BY MONTH AND STATE, 1994
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 21.3

Negeri <i>State</i>	Januari <i>January</i>	Februari <i>February</i>	Mac <i>March</i>	April <i>April</i>	Mei <i>May</i>	Jun <i>June</i>	Julai <i>July</i>	Ogos <i>August</i>	September <i>September</i>	Oktober <i>October</i>	November <i>November</i>	Disember <i>December</i>	Jumlah <i>Total</i>
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang/Penang	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	145.62	146.99	791.35	288.87	0.00	303.47	0.00	0.00	0.00	88.56	0.00	0.00	1,764.86
Selangor	2,592.29	282.96	0.00	1,610.40	519.44	980.20	174.10	0.00	0.00	685.98	40.12	32.98	6,918.47
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	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/Johore	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	2,737.91	429.95	791.35	1,899.27	519.44	1,283.67	174.10	0.00	0.00	774.54	40.12	32.98	8,683.33

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN SIPUT SUDU SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF MUSSEL CULTURE IN OPERATION AND NUMBER
OF CULTURISTS BY RACE AND STATE, 1994

JADUAL(TABLE) 22.1

Negeri State	Ternakan Siput Sudu Mussel Culture		Bilangan Penternak Number Of Culturists				
	Bilangan Number	Luas (m2) Area (m2)	Melayu Malays	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
P. Pinang / Penang	82	818.00	4	0	0	0	4
Perak	6	223.26	6	0	0	0	6
Selangor	8	1,655.00	5	0	0	1	6
N. Sembilan	3	2,619.00	14	0	0	1	15
Melaka/ Malacca	4	6,153.77	36	4	0	2	42
Johor/Johore	3	41,000.41	71	16	0	6	93
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	17	20,000.00	17	0	0	0	17
Jumlah/Total	123	72,469.44	153	20	0	10	183

JADUAL (TABLE) 22.2

MALAYSIA
PENGELUARAN SIPUT SUDU MENGIKUT BULAN DAN NEGERI, 1994
PRODUCTION OF MUSSELS BY MONTH AND STATE, 1994
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P.Pinang/Penang	0.00	4.17	5.16	3.12	0.00	5.11	2.50	0.40	0.00	0.00	0.00	0.00	- 20.46
Perak	1.23	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	3.27
Selangor	1.33	0.89	2.80	1.27	2.30	1.33	1.43	1.83	1.96	4.44	6.43	7.49	33.50
N. Sembilan	0.26	0.41	0.18	1.34	1.46	0.95	1.12	0.32	0.57	0.00	0.40	0.71	7.72
Melaka/Malacca	0.14	0.05	5.11	0.00	0.00	0.00	0.16	0.95	4.38	9.33	12.07	7.38	39.57
Johor/Johore	31.11	61.70	90.33	33.73	114.00	60.46	86.49	18.59	44.83	62.93	125.04	127.51	856.72
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	0.30	0.65	0.49	0.45	0.55	0.64	0.76	0.67	2.62	0.87	8.00
Jumlah/Total:	34.07	68.57	103.88	40.11	118.25	68.30	92.25	22.73	52.50	78.06	146.56	143.96	969.24

MALAYSIA
BILANGAN DAN LUAS KAWASAN TERNAKAN TIRAM SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1994
NUMBER AND AREA OF OYSTER CULTURE AND NUMBER
OF CULTURISTS BY RACE AND STATE, 1994

JADUAL(TABLE) 23.1

Negeri State	Ternakan Tiram Oysters Culture		Bilangan Penternak Number Of Culturists				
	Bilangan Number	Luas (m2) Area(m2)	Melayu Malays	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	0	0.00	0	0	0	0	0
Kedah	20	1,172.75	3	0	0	0	3
P. Pinang / Penang	0	0.00	0	0	0	0	0
Perak	12	216.00	12	0	0	0	12
Selangor	9	740.51	3	0	0	1	4
N. Sembilan	0	0.00	0	0	0	0	0
Melaka/ Malacca	0	0.00	0	0	0	0	0
Johor/Johore	7	7.00	7	0	0	0	7
Pahang	0	0.00	0	0	0	0	0
Terengganu	29	19,814.00	43	0	0	0	43
Kelantan	18	431.80	11	0	0	0	11
Sarawak	0	0.00	0	0	0	0	0
Sabah	66	99,000.00	0	0	0	66	66
Jumlah/Total	161	121,382.06	79	0	0	67	146

JADUAL (TABLE) 23.2

MALAYSIA
PENGELUARAN TIRAM MENGIKUT BULAN DAN NEGERI, 1994
PRODUCTION OF OYSTER BY MONTH AND STATE, 1994
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.54	0.55	0.58	0.43	0.68	0.67	0.81	0.74	0.61	0.76	0.83	0.61	7.81
P.Pinang/Penang	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	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.64
Selangor	0.03	0.05	0.03	0.28	0.10	0.05	0.04	0.03	0.06	0.03	0.04	0.06	0.80
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melaka/Malacca	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/Johore	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.12	0.13	0.14	0.10	0.12	0.75
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	1.74	0.96	0.00	1.04	0.67	0.00	1.07	0.00	0.06	0.00	0.00	0.72	6.26
Kelantan	0.00	0.00	0.02	0.03	0.00	0.05	0.06	0.07	0.06	0.09	0.13	0.08	0.59
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	0.20	0.20	0.20	0.20	0.30	0.40	0.50	0.50	0.60	0.80	0.80	0.80	5.50
Jumlah/Total:	2.73	1.76	0.83	1.98	1.75	1.23	2.56	1.46	1.52	2.24	1.90	2.39	22.35

MALAYSIA
HARGA BORONG IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1994
WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1994
(RM/Kg)

JADUAL (TABLE) 24.1

Jenis/Negeri Species/State	Lampam Jawa Javanese Carp	Lee Koh Lee Koh	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Fresh- water Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant Snake- head	Baung River Catfish	Pelbagai Miscell- aneous
Perlis	2.00	2.00	0.00	2.10	14.00	2.96	3.00	5.50	2.90	0.00	0.00	0.00	0.00	0.00	7.00
Kedah	2.96	3.08	3.21	3.08	14.16	3.00	3.50	9.00	3.12	0.00	0.00	0.00	0.00	0.00	2.00
P.Pinang/Penang	2.69	0.00	0.00	0.00	20.91	3.50	3.55	11.00	3.47	0.00	4.06	0.00	0.00	0.00	0.60
Perak	3.64	3.61	4.32	2.55	16.99	3.28	3.82	7.93	3.86	22.77	0.00	5.00	0.00	8.50	2.20
Selangor	4.42	3.67	3.22	1.78	11.90	2.78	4.03	8.42	3.53	32.20	0.00	5.25	0.00	0.00	2.16
N.Sembilan	3.22	3.51	3.54	2.26	11.23	2.17	3.08	5.44	3.40	15.09	5.08	3.50	0.00	0.00	4.94
Melaka/Malacca	3.24	3.00	3.29	1.75	17.00	2.38	3.57	6.85	3.35	31.66	0.00	3.50	0.00	0.00	3.89
Johor/Johore	4.05	3.25	4.25	3.75	18.00	2.90	4.95	9.35	3.95	32.30	0.00	4.70	5.50	8.70	3.65
Pahang	4.25	3.10	3.50	3.50	28.15	2.90	4.35	6.00	4.10	26.40	14.00	4.15	2.90	9.90	1.90
Terengganu	3.65	3.70	4.00	3.95	11.95	3.25	3.95	6.90	3.85	23.60	3.50	6.35	2.00	6.10	2.85
Kelantan	4.35	4.80	4.60	3.85	14.65	3.90	4.50	7.35	3.55	16.05	4.90	4.44	4.00	7.10	4.40
Sarawak	5.00	3.50	3.50	3.50	0.00	0.00	6.00	5.50	0.00	0.00	0.00	6.00	0.00	0.00	4.00
Sabah	6.00	9.00	9.00	6.00	8.00	6.00	9.00	7.00	6.00	15.00	0.00	8.00	10.00	7.00	6.00
Harga Bertimbang Weighted price	5.15	7.55	4.15	2.72	17.98	5.70	5.30	7.92	3.52	24.18	14.00	5.45	5.50	6.98	3.99

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

MALAYSIA
HARGA RUNCIT IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1994
RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1994
(RM/Kg)

JADUAL (TABLE) 24.2

Jenis/Negeri Species/State	Lampam Jawa Javanese Carp	Lee Koh Lee Koh	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Fresh- Water Catfish	Ketutu Goby	Belut Eel	Patin River Catfish	Toman Giant Snake- Head	Baung River Catfish	Pelbagai Miscell- aneous
Perlis	3.36	3.50	0.00	3.65	19.33	4.50	4.63	7.13	4.75	0.00	0.00	0.00	0.00	0.00	6.50
Kedah	3.46	3.66	3.68	3.77	16.00	3.54	4.13	12.00	3.66	0.00	0.00	0.00	0.00	0.00	2.83
P.Pinang/Penang	3.12	0.00	0.00	0.00	25.26	3.80	4.59	11.00	4.55	0.00	5.84	0.00	0.00	0.00	1.10
Perak	5.03	5.68	6.01	4.03	22.71	4.63	5.34	10.06	5.38	30.13	0.00	6.00	0.00	11.70	3.38
Selangor	5.29	4.40	4.70	2.60	16.78	3.72	5.12	10.70	5.25	40.94	0.00	6.50	0.00	0.00	3.21
N.Sembilan	4.78	5.00	4.55	4.66	15.42	3.72	4.80	8.03	5.49	29.82	5.25	4.00	0.00	0.00	4.00
Melaka/Malacca	4.20	3.50	4.22	2.34	17.20	2.86	4.80	9.27	4.83	33.64	0.00	5.00	0.00	0.00	5.00
Johor/Johore	4.80	4.50	5.10	4.55	19.20	3.65	5.80	10.40	5.15	37.85	0.00	5.60	6.80	10.45	4.45
Pahang	5.75	4.75	4.65	4.55	33.60	4.10	5.75	8.00	5.25	31.15	14.00	5.25	3.90	14.95	2.90
Terengganu	4.90	4.85	5.00	4.55	15.60	4.30	5.45	9.20	5.60	25.85	5.75	8.00	3.35	8.75	4.25
Kelantan	5.90	6.35	6.05	4.90	17.75	5.20	5.60	8.95	4.90	19.35	6.85	6.00	5.45	8.45	5.60
Sarawak	6.00	4.00	4.00	4.00	0.00	2.80	8.12	6.50	0.00	8.00	0.00	8.00	0.00	0.00	5.00
Sabah	6.00	10.00	10.00	7.00	8.00	7.00	10.00	8.00	6.00	20.00	0.00	10.00	10.00	7.00	6.00
Harga Bertimbang Weighted Price	5.60	8.53	5.55	4.10	22.43	6.71	6.46	8.70	4.97	28.76	14.00	7.07	6.80	9.86	3.95

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

MALAYSIA
HARGA BORONG IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN SPESIES IKAN, 1994
WHOLESALE PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 1994
(RM/KG)

JADUAL (TABLE) 25.1

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Ketam Mud Crab	Udang Harimau Tiger Prawn	Kerang Cockles	Siput Sudu Mussels	Tilapia Merah Red Tilapia	Tiram Oyster	Pelbagai Miscellaneous
Perlis	7.50	7.00	11.00	0.00	10.00	10.76	17.00	0.00	0.00	0.00	9.60	0.00
Kedah	9.66	28.00	11.00	0.00	0.00	9.00	18.44	0.30	0.00	3.50	9.60	5.79
P. Pinang/Penang	12.38	26.15	13.00	11.30	5.70	9.40	22.10	0.50	0.70	0.00	0.00	15.00
Perak	12.00	32.00	15.50	10.00	0.00	0.00	23.00	0.40	0.70	0.00	12.50	0.00
Selangor	9.97	15.79	8.66	9.65	22.00	9.55	19.69	0.40	0.70	0.00	9.60	10.00
N. Sembilan	8.44	0.00	0.00	0.00	15.00	12.00	18.90	0.00	0.80	0.00	0.00	5.00
Melaka/Malacca	9.50	0.00	0.00	0.00	15.00	12.00	19.25	0.00	0.40	5.00	7.00	5.00
Johor/Johore	12.00	20.70	9.90	6.05	22.45	11.90	19.80	0.30	0.35	6.05	15.00	17.00
Pahang	8.60	14.10	7.60	6.00	8.40	5.90	16.75	0.30	0.00	4.20	0.00	0.00
Terengganu	7.45	18.75	0.00	4.20	16.00	5.35	16.05	1.15	0.00	3.95	8.10	1.00
Kelantan	8.50	13.40	0.00	0.00	23.15	5.25	19.10	0.00	0.00	4.80	7.80	4.00
Sarawak	12.00	0.00	0.00	0.00	0.00	10.00	18.00	3.00	0.00	5.00	0.00	0.00
Sabah	18.00	35.00	15.00	15.00	0.00	3.70	17.00	0.60	3.00	0.00	13.50	40.00
Harga Bertimbang Weighted Price	11.52	29.94	11.37	11.21	22.32	4.58	19.27	0.42	0.40	4.92	10.36	16.92

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

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

MALAYSIA
HARGA RUNGIT IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN SPESIES IKAN, 1994
RETAIL PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 1994
(RM/KG)

JADUAL (TABLE) 25.2

Negeri State	Siakap <i>Barramundi</i>	Kerapu <i>Grouper</i>	Jenahak <i>Mangrove Snapper</i>	Merah <i>Red Snapper</i>	Udang Putih <i>Banana Prawn</i>	Ketam <i>Mud Crab</i>	Udang Harimau <i>Tiger Prawn</i>	Kerang <i>Cockles</i>	Siput Sudu <i>Mussels</i>	Tilapia Merah <i>Tilapia Merah</i>	Tiram <i>Oyster</i>	Pelbagai <i>Miscellaneous</i>
Perlis	9.50	10.00	12.50	0.00	14.50	15.00	19.60	0.00	0.00	0.00	16.80	0.00
Kedah	11.80	30.25	12.13	0.00	0.00	10.00	20.75	0.60	0.00	4.50	16.30	7.52
P. Pinang/Penang	12.51	30.40	13.13	11.71	7.15	10.00	23.18	0.62	1.14	0.00	0.00	16.50
Perak	13.50	33.75	16.94	11.60	0.00	0.00	23.63	0.51	1.00	0.00	14.50	0.00
Selangor	11.87	18.03	11.01	11.52	28.00	12.50	23.09	0.68	1.07	0.00	12.60	13.00
N. Sembilan	11.33	0.00	0.00	0.00	17.00	14.50	20.58	0.00	1.00	0.00	0.00	0.00
Melaka/Melacca	10.86	0.00	0.00	0.00	18.00	15.00	21.28	0.00	0.77	0.00	7.00	7.00
Johor/Johore	14.15	25.35	11.95	12.00	25.85	13.75	22.90	0.70	0.75	7.95	18.00	19.00
Pahang	11.50	19.55	10.05	8.80	12.25	8.30	21.33	0.80	0.00	6.40	0.00	0.00
Terengganu	10.15	22.80	0.00	8.50	20.00	7.40	19.00	1.50	0.00	4.75	10.15	2.00
Kelantan	9.90	15.70	0.00	0.00	25.25	5.85	22.40	0.00	0.00	5.80	10.00	5.00
Sarawak	14.00	0.00	0.00	0.00	0.00	14.00	20.00	3.50	0.00	6.00	0.00	0.00
Sabah	18.00	35.00	15.00	15.00	0.00	3.70	17.00	0.60	3.00	0.00	13.50	40.00
Harga Bertimbang Weighted Price	12.85	31.42	13.10	11.71	25.78	4.99	20.10	0.56	0.79	6.50	13.61	18.45

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

MALAYSIA
PENGELUARAN HASIL IKAN HIASAN MENGIKUT NEGERI, 1994
PRODUCTION OF ORNAMENTAL FISH BY STATE, 1994
(BILANGAN DALAM EKOR / NUMBER IN PIECES)

JADUAL (TABLE) 26.1

Negeri/Kumpulan State/Group	Cyprinids Barb/Danio	Cyprinids Goldfish/Koi	Anabantids	Poecilids	Characins	Cichlids	Osteoglossids	Catfish	Loach	Aquatic Plants	Lain-Lain Others	Jumlah Total
Perlis	1,000	0	0	6,990	0	6,370	0	0	0	0	0	14,360
Kedah	0	0	0	980	0	12,675	0	0	0	0	0	13,655
P.Pinang/Penang	266,429	399,644	0	1,953,813	2,664,290	5,595,010	0	0	0	0	133,214	11,012,400
Perak	12,382,405	23,091,908	0	505,392	1,006,676	3,766,963	29,349	88,047	637,170	322,841	3,727,341	45,558,092
Selangor	5,768,601	6,567,361	32,700	2,686,909	949,520	621,297	2,922,347	1,184,264	0	75,121	1,970,926	22,779,046
N.Sembilan	3,630	6,950	0	15,500	10,100	1,750	0	150	0	150	1,200	39,430
Melaka/Malacca	0	0	0	0	0	0	0	0	0	0	0	0
Johor/Johore	24,061,197	30,828,951	0	35,523,072	23,609,139	9,373,659	3,008,959	1,749,904	0	1,749,904	18,213,627	148,118,412
Pahang	0	0	0	0	0	0	0	0	0	0	0	0
Terengganu	0	0	0	0	0	0	0	0	0	0	0	0
Kelantan	0	0	0	0	0	0	0	0	0	0	0	0
Sarawak	300	6,000	0	300	0	10,300	0	196,030	0	0	18,500	231,430
Sabah	0	0	23,635	0	0	0	0	0	0	0	0	23,635
Jumlah/Total	42,483,562	60,900,814	56,335	40,692,956	28,239,725	19,388,024	5,960,655	3,218,395	637,170	2,148,016	24,064,808	227,790,460

MALAYSIA
PENGELUARAN DAN NILAI IKAN HIASAN MENGIKUT NEGERI, 1994
PRODUCTION AND VALUE OF ORNAMENTAL FISH BY STATE, 1994

JADUAL (TABLE) 26.2

Negeri <i>State</i>	Pengeluaran(Ekor) <i>Production(Pieces)</i>	Nilai (RM) <i>Value (RM)</i>
Perlis	14,360	2,941.00
Kedah	13,655	3,558.00
P.Pinang/Penang	11,012,400	2,147,949.00
Perak	45,558,092	9,004,148.00
Selangor	22,779,046	3,958,505.00
N.Sembilan	39,430	5,897.00
Melaka/Malacca	0	0.00
Johor/Johore	148,118,412	28,595,683.00
Pahang	0	0.00
Terengganu	0	0.00
Kelantan	0	0.00
Sarawak	231,430	27,569.00
Sabah	23,635	3,632.00
Jumlah/Total	227,790,460	43,749,882.00

MALAYSIA
BILANGAN DAN PENGELUARAN KILANG "FEEDMILL"
MENGIKUT NEGERI, 1994
NUMBER AND PRODUCTION OF FEEDMILLS BY STATE, 1994

JADUAL (TABLE) 27.1

Negeri State	Bilangan Number	Pengeluaran(Tan/Metrik) Production (Tonnes)
Perlis	1	2,400.00
Kedah	4	11,100.00
P.Pinang/Penang	0	0.00
Perak	6	18,565.00
Selangor	1	947.43
N.Sembilan	0	0.00
Melaka/Malacca	1	3,000.00
Johor/Johore	4	9,141.76
Pahang	4	5,234.20
Terengganu	0	0.00
Kelantan	0	0.00
Sarawak	0	0.00
Sabah	17	16,000.00
Jumlah/Total	38	66,388.39

MALAYSIA
BILANGAN DAN PENGELUARAN PUSAT PENGELUARAN BENIH IKAN/UDANG SWASTA
MENGIKUT NEGERI, 1994
NUMBER AND PRODUCTION OF PRIVATE FISH/PRAWN FRY HATCHERY CENTRE
BY STATE, 1994

JADUAL (TABLE) 28.1

Negeri <i>State</i>	Bilangan <i>Numbers</i>	Pengeluaran(Juta Ekor) <i>Production (Million Pieces)</i>	
		Benih Udang <i>Prawn Fry</i>	Benih ikan <i>Fish Fry</i>
Perlis	1	6.00	0.00
Kedah	10	17.50	10.90
P.Pinang/Penang	3	41.00	0.00
Perak	12	109.20	0.29
Selangor	11	109.00	26.50
Wilayah Persekutuan Kuala Lumpur	0	0.00	0.00
Negeri Sembilan	4	0.00	3.37
Melaka/Malacca	8	1.00	7.50
Johor/Johore	8	220.08	1.13
Pahang	5	0.00	2.10
Terengganu	2	1120.00	0.00
Kelantan	1	36.00	0.00
Sarawak	16	0.10	10.30
Sabah	12	138.00	0.00
Jumlah	81	1797.88	62.09

PERAIRAN UMUM/PERIKANAN DARAT
PUBLIC WATER BODIES/INLAND FISHERIES

MALAYSIA
PENDARATAN IKAN AIRTAWAR DARI PERAIRAN UMUM /PERIKANAN DARAT MENGIKUT BULAN DAN NEGERI, 1994
LANDINGS OF FRESHWATER FISH FROM PUBLIC WATERBODIES /INLAND FISHERIES BY MONTH AND STATE, 1994
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 29.1

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	0.87	0.88	1.21	1.15	1.00	0.99	1.09	1.09	1.30	1.37	1.47	2.09	14.51
Kedah	12.37	10.93	13.88	13.04	15.22	15.30	17.52	18.03	19.56	20.19	19.22	17.00	192.26
P.Pinang/Penang	0.66	17.60	3.62	4.99	7.65	13.94	4.76	3.12	5.43	1.41	3.16	1.20	67.54
Perak	71.44	71.51	76.67	85.15	57.49	88.58	80.02	89.95	123.28	121.94	124.43	118.23	1,108.69
Selangor	9.99	13.98	12.28	13.41	10.27	13.56	10.19	11.41	10.41	12.00	8.49	10.90	136.89
N. Sembilan	0.00	0.00	0.51	0.43	0.67	0.56	0.58	0.65	0.45	0.44	0.44	0.60	5.33
Melaka/Malacca	0.90	0.91	0.73	0.76	0.68	0.74	0.92	0.84	0.74	0.78	0.89	0.87	9.76
Johor/Johore	9.18	13.75	14.02	14.85	13.34	9.37	9.18	9.75	9.82	10.42	16.22	22.98	152.88
Pahang	28.41	24.04	14.89	12.43	16.24	15.51	18.61	14.02	15.18	15.41	22.96	23.22	220.92
Terengganu	9.32	7.22	5.33	8.00	6.35	5.79	6.17	4.95	6.19	8.27	10.36	10.07	88.02
Kelantan	6.46	5.79	7.24	5.73	5.40	4.08	0.59	5.35	5.58	6.39	6.31	8.18	67.10
Sarawak	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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:	149.60	166.61	150.38	159.94	134.31	168.42	149.63	159.16	197.94	198.62	213.95	215.34	2,063.90

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

**KLASIFIKASI PERANGKAAN PIAWAIAN IKAN-IKAN
AIRTAWAR MALAYSIA
*STANDARD STATISTICAL CLASSIFICATION OF COMMON
MALAYSIAN FRESHWATER FISHES***

DAN (AND)

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

KLASIFIKASI PERANGKAAN PIAWAIAAN IKAN-IKAN AIRTAWAR MALAYSIA

STANDARD STATISTICAL CLASSIFICATION OF COMMON MALAYSIAN FRESHWATER FISHES

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

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

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

KLASIFIKASI PERANGKAAN PIAWAIAAN IKAN-IKAN LAUT MALAYSIA

STANDARD STATISTICAL CLASSIFICATION OF MALAYSIAN MARINE FISHES

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

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

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

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

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

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

NOTES:

- +** = Demersal finfishes
- 0** = Pelagic finfishes
- +/0** = Trash fish/Mixed fishes of trawl, portable traps, barrier, push/scoop, stationary traps, handlines and other seines are considered demersal.
- +/0** = Trash/fish/Mixed fishes of purse seines (fish & anchovy) drift/gill nets and lift nets are considered pelagic.

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