



PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

**1992
(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)
1992

JILID 1
(VOLUME 1)

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. KEDUDUKAN SEKTOR PERIKANAN DI MALAYSIA, 1992 <i>(Status of the Fisheries Sector In Malaysia, 1992)</i>	25 - 44
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>	48 - 49
CARTA (CHART) I Bilangan Vesel Menangkap Ikan Yang Dilesenkan, Malaysia, 1988-1992 <i>(Number Of Fishing Vessels Licensed, Malaysia, 1988-1992)</i>	50
CARTA (CHART) II Bilangan Vesel-Vesel Laut Dalam Yang Dilesenkan, Semenanjung Malaysia, 1988-1992 <i>(Number of Deep Sea Vessels Licensed, Peninsular Malaysia, 1988-1992)</i>	51
CARTA (CHART) III Arah Aliran Pendaratan Ikan Laut, Malaysia, 1988-1992 <i>(Trend Of Marine Fish Landings, Malaysia, 1988-1992)</i>	52
CARTA (CHART) IV Arah Aliran Pendaratan Udang, Semenanjung Malaysia, 1988-1992 <i>(Trend Of Prawn Landings, Peninsular Malaysia, 1988-1992)</i>	53
CARTA (CHART) V Pendaratan Udang, Semenanjung Malaysia, 1992 <i>(Prawn Landings, Peninsular Malaysia, 1992)</i>	54

CARTA (CHART) VI	Pendaratan Pukat Tunda, Semenanjung Malaysia, 1988-1992 (<i>Trawl Landings, Peninsular Malaysia, 1988-1992</i>)	55
CARTA (CHART) VII	Pendaratan Ikan Mengikut Spesies Utama, Malaysia, 1992 (<i>Landings of Fish By Main Species, Malaysia, 1992</i>)	56
CARTA (CHART) VIII	Pendaratan Pukat Jerut Ikan Mengikut Spesies Utama, Semenanjung Malaysia, 1992 (<i>Purse-Seine Landings By Main Species, Peninsular Malaysia, 1992</i>)	57
CARTA (CHART) IX	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas, Semenanjung Malaysia, 1992 (<i>Landings of Marine Fish By Gear Group, Peninsular Malaysia, 1992</i>)	58
CARTA (CHART) X	Arah Aliran Nilai Pasaran Ikan Laut, Semenanjung Malaysia, 1988-1992 (<i>Trend Of Market Values Of Marine Fish, Peninsular Malaysia, 1988-1992</i>)	59
CARTA (CHART) XI	Arah Aliran Pengeluaran Ternakair, Malaysia, 1988-1992 (<i>Trend Of Aquaculture Production, Malaysia, 1988-1992</i>)	60
CARTA (CHART) XII	Pengeluaran Ternakair Mengikut Jenis Ternakan, Malaysia, 1992 (<i>Production Of Aquaculture By Type Of Culture, Malaysia, 1992</i>)	61

C. JADUAL (Tables)

PERIKANAN LAUT (*Marine Fisheries*)

JADUAL 1.1 (TABLE)	Bilangan Nelayan Yang Bekerja Di Atas Vesel-Vesel Berlesen, Malaysia, 1992 (<i>Number Of Fishermen Working in Licensed Vessels, Malaysia, 1992</i>)	66
-----------------------	--	----

JADUAL 1.2 (TABLE)	Bilangan Nelayan Yang Bekerja Di Atas Vesel-Vesel Berlesen Mengikut Kumpulan Perkakas Dan Negeri, Malaysia, 1992 <i>(Number Of Fishermen Working In Licensed Vessels By Gear Group And State, Malaysia, 1992)</i>	67
JADUAL 1.3 (TABLE)	Bilangan Nelayan Yang Bekerja Di Atas Vesel Yang Dilesenkan Mengikut Daerah-Daerah Perikanan, Malaysia, 1992 <i>(Number Of Fishermen Working In Licensed Fishing Vessels By Fisheries Districts, Malaysia, 1992)</i>	68 - 69
JADUAL 1.4 (TABLE)	Bilangan Nelayan Asing Yang Diluluskan Mengikut Negeri, Semenanjung Malaysia, 1992 <i>(Number Of Approved Foreign Fishermen By State, Peninsular Malaysia, 1992)</i>	70
JADUAL 2.1 (TABLE)	Bilangan Vesel Menangkap Ikan Yang Dilesenkan Mengikut Negeri Dan Kelas Muatan, Malaysia, 1992 <i>(Number Of Licensed Fishing Vessels By State And Tonnage Class, Malaysia, 1992)</i>	71
JADUAL 2.2 (TABLE)	Bilangan Vesel Menangkap Ikan Yang Dilesenkan Mengikut Negeri Dan Kuasa Kuda, Malaysia, 1992 <i>(Number Of Licensed Fishing Vessels By State And Horsepower, Malaysia, 1992)</i>	72
JADUAL 2.3 (TABLE)	Bilangan Vesel Menangkap Ikan Berlesen Mengikut Kumpulan Perkakas, Jenis Dan Kelas Muatan, Malaysia, 1992 <i>(Number Of Licensed Fishing Vessels By Gear Group, Type And Tonnage Class, Malaysia, 1992)</i>	73
JADUAL 2.4 (TABLE)	Bilangan Vesel Menangkap Ikan Yang Dilesenkan Mengikut Daerah-Daerah Perikanan, Malaysia, 1992 <i>(Number Of Licensed Fishing Vessels By Fisheries Districts, Malaysia, 1992)</i>	74 - 75

JADUAL 2.5 (TABLE)	Bilangan Vesel Menangkap Ikan Yang Dilesenkan Dan Bilangan Nelayan Yang Bekerja Di Vesel-Vesel Berlesen, Semenanjung Malaysia, 1972-1992 <i>(Number Of Fishing Vessels Licensed And Number Of Fishermen Operating Licensed Vessels, Peninsular Malaysia, 1972-1992)</i>	76
JADUAL 3.1 (TABLE)	Bilangan Perkakas Yang Dilesenkan Mengikut Negeri, Malaysia, 1992 <i>(Number Of Licensed Fishing Gears, By State, Malaysia, 1992)</i>	77
JADUAL 3.2 (TABLE)	Anggaran Bilangan Kumulatif Perkakas Menangkap Ikan Yang Diusahakan Mengikut Negeri, Semenanjung Malaysia, 1992 <i>(Estimated Cumulative Number Of Fishing Gears In Operation By State, Peninsular Malaysia, 1992)</i>	78
JADUAL 4.1 (TABLE)	Pendaratan Ikan Laut Mengikut Negeri Dan Kumpulan Perkakas, Malaysia, 1992 <i>(Landings Of Marine Fish By State And Gear Group, Malaysia, 1992)</i>	79
JADUAL 4.2 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Negeri, Malaysia, 1992 <i>(Landings Of Marine Fish By Month And State, Malaysia, 1992)</i>	80
JADUAL 4.3 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Kumpulan Perkakas, Semenanjung Malaysia, 1992 <i>(Landings Of Marine Fish By Month And Gear Group, Peninsular Malaysia, 1992)</i>	81
JADUAL 4.4 (TABLE)	Pendaratan Ikan Laut Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Landings Of Marine Fish By State And Species, Malaysia, 1992)</i>	82 - 83
JADUAL 4.5 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Malaysia, 1992 <i>(Landings Of Marine Fish By Month And Species, Malaysia, 1992)</i>	84 - 85

JADUAL 4.5.1 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Semenanjung Malaysia, 1992 <i>(Landings Of Marine Fish By Month And Species, Peninsular Malaysia, 1992)</i>	86 - 82
JADUAL 4.5.2 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Pantai Barat, Semenanjung Malaysia, 1992 <i>(Landings Of Marine Fish By Month And Species, West Coast Of Peninsular Malaysia, 1992)</i>	88 - 89
JADUAL 4.5.3 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Pantai Timur, Semenanjung Malaysia, 1992 <i>(Landings Of Marine Fish By Month And Species, East Coast Of Peninsular Malaysia, 1992)</i>	90 - 91
JADUAL 4.5.4 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Sarawak, 1992 <i>(Landings Of Marine Fish By Month And Species, Sarawak, 1992)</i>	92 - 93
JADUAL 4.5.5 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Sabah, 1992 <i>(Landings Of Marine Fish By Month And Species, Sabah, 1992)</i>	94 - 95
JADUAL 4.5.6 (TABLE)	Pendaratan Ikan Laut Mengikut Bulan Dan Spesies Ikan, Labuan, 1992 <i>(Landings Of Marine Fish By Month And Species, Labuan, 1992)</i>	96 - 97
JADUAL 4.6 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Malaysia, 1992 <i>(Landings Of Marine Fish By Gear Group And Species, Malaysia, 1992)</i>	98 - 99
JADUAL 4.6.1 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Semenanjung Malaysia, 1992 <i>(Landings Of Marine Fish By Gear Group And Species, Peninsular Malaysia, 1992)</i>	100 - 101

JADUAL 4.6.2 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Pantai Barat, Semenanjung Malaysia, 1992 <i>(Landings Of Marine Fish By Gear Group And Species, West Coast Of Peninsular Malaysia, 1992)</i>	102 - 103
JADUAL 4.6.3 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Pantai Timur, Semenanjung Malaysia, 1992 <i>(Landings Of Marine Fish By Gear Group And Species, East Coast Of Peninsular Malaysia, 1992)</i>	104 - 105
JADUAL 4.6.4 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Sarawak, 1992 <i>(Landings Of Marine Fish By Gear Group And Species, Sarawak, 1992)</i>	106 - 107
JADUAL 4.6.5 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Sabah, 1992 <i>(Landings Of Marine Fish By Gear Group And Species, Sabah, 1992)</i>	108 - 109
JADUAL 4.6.6 (TABLE)	Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Spesies Ikan, Labuan, 1992 <i>(Landings Of Marine Fish By Gear Group And Species, Labuan, 1992)</i>	110 - 111
JADUAL 4.7 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Tunda Mengikut Kelas Muatan Dan Spesies Ikan, Semenanjung Malaysia, 1992 <i>(Fishing Effort And Landings Of Trawlers By Tonnage Class And Species, Peninsular Malaysia, 1992)</i>	112 - 113
JADUAL 4.7.1 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Tunda Mengikut Kelas Muatan Dan Spesies Ikan, Pantai Barat, Semenanjung Malaysia, 1992 <i>(Fishing Effort And Landings Of Trawlers By Tonnage Class And Species, West Coast Of Peninsular Malaysia, 1992)</i>	114 - 115

JADUAL 4.7.2 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Tunda Mengikut Kelas Muatan Dan Spesies Ikan, Pantai Timur, Semenanjung Malaysia, 1992 <i>(Fishing Effort And Landings Of Trawlers By Tonnage Class And Species, East Coast Of Peninsular Malaysia, 1992)</i>	116 - 117
JADUAL 4.8 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Jerut Mengikut Kelas Muatan Dan Spesies Ikan, Semenanjung Malaysia, 1992 <i>(Fishing Effort And Landings Of Fish Purse Seiners By Tonnage Class And Species, Peninsular Malaysia, 1992)</i>	118 - 119
JADUAL 4.8.1 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Jerut Mengikut Kelas Muatan Dan Spesies Ikan, Pantai Barat, Semenanjung Malaysia, 1992 <i>(Fishing Effort And Landings Of Fish Purse Seiners By Tonnage Class And Species, West Coast Of Peninsular Malaysia, 1992)</i>	120 - 121
JADUAL 4.8.2 (TABLE)	Usaha Menangkap Ikan Dan Pendaratan Pukat Jerut Mengikut Kelas Muatan Dan Spesies Ikan, Pantai Timur, Semenanjung Malaysia, 1992 <i>(Fishing Effort And Landings Of Fish Purse Seiners By Tonnage Class And Species, East Coast Of Peninsular Malaysia, 1992)</i>	122 - 123
JADUAL 5.1 (TABLE)	Usaha Menangkap Ikan : Bilangan Trip Menangkap Ikan Mengikut Jenis Perkakas Dan Negeri, Semenanjung Malaysia, 1992 <i>(Fishing Effort: Number Of Trips By Type Of Gear And State, Peninsular Malaysia, 1992)</i>	124
JADUAL 5.2 (TABLE)	Usaha Menangkap Ikan : Bilangan Hari Menangkap Ikan Mengikut Jenis Perkakas Dan Negeri, Semenanjung Malaysia, 1992 <i>(Fishing Effort : Number Of Fishing Days, By Type Of Gear And State, Peninsular Malaysia, 1992)</i>	125

JADUAL 5.3 (TABLE)	Usaha Menangkap Ikan : Bilangan Kali Memukat Ikan Mengikut Jenis Perkakas Dan Negeri, Semenanjung Malaysia, 1992 <i>(Fishing Effort : Number Of Hauls By Type Of Gear And State, Peninsular Malaysia, 1992)</i>	126
JADUAL 6.1 (TABLE)	Harga Purata Ikan Di Pantai Mengikut Bulan, Semenanjung Malaysia, 1992 <i>(Monthly Average Ex-Vessel Prices Of Fresh Fish, Peninsular Malaysia, 1992)</i>	127
JADUAL 7.1 (TABLE)	Nilai Harga Borong Pendaratan Ikan Laut, Malaysia, 1992 <i>(Wholesale Value Of Marine Fish Landings, Malaysia, 1992)</i>	128
JADUAL 7.2 (TABLE)	Nilai Harga Runcit Pendaratan Ikan Laut, Malaysia, 1992 <i>(Retail Value Of Marine Fish Landings, Malaysia, 1992)</i>	129
JADUAL 7.3 (TABLE)	Nilai Pendaratan Ikan Laut Mengikut Kumpulan Perkakas Dan Gred Ikan, Semenanjung Malaysia, 1992 <i>(Value Of Marine Fish Landings By Gear Group And Grade Of Fish, Peninsular Malaysia, 1992)</i>	130
JADUAL 8.1 (TABLE)	Siri Tahunan Pendaratan Ikan Laut Dan Nilai, Malaysia, 1988-1992 <i>(Annual Series Of Marine Fish Landings And Values, Malaysia, 1988-1992)</i>	131
JADUAL 9.1 (TABLE)	Kuantiti Dan Peratus Pendaratan Serta Nilai Ikan Laut Mengikut Negeri, Malaysia, 1992 <i>(Quantity And Percentage Of Landings And Values Of Marine Fish By State, Malaysia, 1992)</i>	132
JADUAL 10.1 (TABLE)	Penggunaan Pendaratan Ikan Laut, Semenanjung Malaysia, 1992 <i>(Disposition Of Marine Fish Landings, Peninsular Malaysia, 1992)</i>	133

JADUAL 10.2 (TABLE)	Hasil Laut Yang Diawetkan, Semenanjung Malaysia, 1992 <i>(Processed Marine Fish Products, Peninsular Malaysia, 1992)</i>	134
JADUAL 11.1 (TABLE)	Kilang-Kilang Air Batu Dan Kemudahan- Kemudahan Penyejukan Sehingga 31.12.1992, Malaysia <i>(Ice Factories And Refrigeration Facilities As At 31.12.1992, Malaysia)</i>	135
JADUAL 12.1 (TABLE)	Hasil Perikanan Dalam Ringgit Malaysia, Semenanjung Malaysia, 1992 <i>(Fisheries Revenue in Malaysian Ringgit, Peninsular Malaysia, 1992)</i>	136

TERNAKAIR (AQUACULTURE)

JADUAL 13.1 (TABLE)	Anggaran Bilangan Dan Luas Kolam, Bekas Lombong Dan Sangkar Yang Diusahakan Serta Bilangan Penternak Mengikut Sistem Ternakan Dan Negeri, Malaysia, 1992) <i>(Estimated Number And Area Of Ponds, Disused Mining Pools And Cages And Number Of Culturists By Culture System And State, Malaysia, 1992)</i>	138
JADUAL 14.1 (TABLE)	Anggaran Jumlah Pengeluaran Ikan Ternakan, Kerang, Siput Sudu Dan Tiram Mengikut Negeri Dan Sistem Ternakan, Malaysia, 1992 <i>(Estimated Productions Of Fish, Cockles, Mussels And Oysters By State And Culture System, Malaysia, 1992)</i>	139
JADUAL 14.2 (TABLE)	Anggaran Nilai Borong Ikan Ternakan, Kerang, Siput Sudu Dan Tiram Mengikut Negeri Dan Sistem Ternakan, Malaysia, 1992 <i>(Estimated Wholesale Value Of Fish, Cockles, Mussels And Oysters By State And Culture System, Malaysia, 1992)</i>	140

JADUAL 14.3 (TABLE)	Anggaran Nilai Runcit Ikan Ternakan, Kerang, Siput Sudu Dan Tiram Mengikut Negeri Dan Sistem Ternakan, Malaysia, 1992 <i>(Estimated Retail Value Of Fish, Cockles, Mussels And Oysters By State And Culture System, Malaysia, 1992)</i>	141
JADUAL 15.1 (TABLE)	Bilangan Dan Luas Kolam Airtawar Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1992 <i>(Number And Area Of Freshwater Ponds In Operation And Number Of Culturists By Race And State, Malaysia, 1992)</i>	142
JADUAL 15.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Kolam Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Fish Production From Freshwater Ponds By State And Fish Species, Malaysia, 1992)</i>	143
JADUAL 15.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Hasil Ikan Dari Kolam Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Wholesale Value Of Production From Freshwater Ponds By State And Species, 1992)</i>	144
JADUAL 15.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Hasil Ikan Dari Kolam Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Retail Value Of Production From Freshwater Ponds By State And Fish Species, Malaysia, 1992)</i>	145
JADUAL 16.1 (TABLE)	Bilangan Dan Luas Bekas Lombong Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1992 <i>(Number And Area Of Ex-Mining Pools In Operation And Number Of Culturists By Race And State, Malaysia, 1992)</i>	146

JADUAL 16.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Bekas Lombong Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Fish Production From Ex- Mining Pools By State And Fish Species, Malaysia, 1992)</i>	147
JADUAL 16.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Bekas Lombong Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Wholesale Value Of Fish Production From Ex-Mining Pools By State And Fish Species, Malaysia, 1992)</i>	148
JADUAL 16.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Bekas Lombong Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Retail Value Of Fish Production From Ex-Mining Pools By State And Fish Species, Malaysia, 1992)</i>	149
JADUAL 17.1 (TABLE)	Bilangan Dan Luas Sangkar Airtawar Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1992 <i>(Number And Area Of Freshwater Cages In Operation And Number Of Culturists By Race And State, Malaysia, 1992)</i>	150
JADUAL 17.2 (TABLE)	Anggaran Pengeluaran Ikan Dari Sangkar Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Fish Production From Freshwater Cages By State And Fish Species, Malaysia, 1992)</i>	151
JADUAL 17.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Hasil Sangkar Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Wholesale Value Of Fish Production From Freshwater Cages By State And Fish Species, Malaysia, 1992)</i>	152

JADUAL 17.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Hasil Sangkar Airtawar Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Retail Value Of Fish Production From Freshwater Cages By State And Fish Species, Malaysia, 1992)</i>	153
JADUAL 18.1 (TABLE)	Bilangan Dan Luas Kolam Airpayau Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1992 <i>(Number And Area Of Brackishwater Ponds In Operation And Number Of Culturists By Race And State, Malaysia, 1992)</i>	154
JADUAL 18.2 (TABLE)	Anggaran Pengeluaran Hasil Ikan Dari Kolam Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Fish Production From Brackishwater/Marine Ponds By State And Fish Species, Malaysia, 1992)</i>	155
JADUAL 18.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Hasil Kolam Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Wholesale Value Of Fish Production From Brackishwater/Marine Ponds By State And Fish Species, Malaysia, 1992)</i>	156
JADUAL 18.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Hasil Kolam Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Retail Value Of Fish Production From Brackishwater/Marine Ponds By State And Species, 1992)</i>	157
JADUAL 19.1 (TABLE)	Bilangan Dan Luas Sangkar Airpayau Yang Diusahakan Serta Bilangan Penternak Mengikut Kaum Dan Negeri, Malaysia, 1992 <i>(Number And Area Of Brackishwater Cages In Operation And Number Of Culturists By Race And State, Malaysia, 1992)</i>	158

JADUAL 19.2 (TABLE)	Anggaran Pengeluaran Hasil Ikan Dari Sangkar Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Fish Production From Brackishwater/Marine Cages By State And Fish Species, Malaysia, 1992)</i>	159
JADUAL 19.3 (TABLE)	Anggaran Nilai Borong Pengeluaran Hasil Sangkar Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Wholesale Value Fish Production From Brackishwater/Marine Cages By State And Fish Species, Malaysia, 1992)</i>	160
JADUAL 19.4 (TABLE)	Anggaran Nilai Runcit Pengeluaran Hasil Ikan Dari Sangkar Airpayau/Masin Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Estimated Retail Value Of Fish Production From Brackishwater/Marine Cages By State And Fish Species, Malaysia, 1992)</i>	161
JADUAL 20.1 (TABLE)	Bilangan Penternak, Kawasan Dan Luas Kawasan Ternakan Kerang Mengikut Negeri, Malaysia, 1992 <i>(Number Of Culturists, Area And Size Of Cockle Culture By State, Malaysia, 1992)</i>	162
JADUAL 20.2 (TABLE)	Pengeluaran Kerang Dewasa Mengikut Bulan Dan Negeri, Malaysia, 1992 <i>(Production Of Cockles By Month And State, Malaysia, 1992)</i>	163
JADUAL 20.3 (TABLE)	Pengeluaran Benih Kerang Mengikut Bulan Dan Negeri, Malaysia, 1992 <i>(Production Of Cockle Seeds By Month And State, Malaysia, 1992)</i>	164

JADUAL 21.1 (TABLE)	Bilangan Penternak, Kawasan Dan Luas Kawasan Ternakan Siput Sudu Mengikut Negeri, Malaysia, 1992 <i>(Number Of Culturists, Area And Size Of Mussel Culture By State, Malaysia, 1992)</i>	165
JADUAL 21.2 (TABLE)	Pengeluaran Siput Sudu Mengikut Bulan Dan Negeri, Malaysia, 1992 <i>(Production Of Mussels By Month And State, Malaysia, 1992)</i>	166
JADUAL 21.3 (TABLE)	Bilangan Penternak, Kawasan dan Luas Kawasan Ternakan Tiram Mengikut Negeri, Malaysia, 1992 <i>(Number of Culturists, Area And Size Of Oyster Culture By State, Malaysia, 1992)</i>	167
JADUAL 22.1 (TABLE)	Harga Borong Ikan Airtawar Di Pasar-Pasar Utama Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Wholesale Prices Of Freshwater Fish At Major Markets By State And Fish Species, Malaysia, 1992)</i>	168
JADUAL 22.2 (TABLE)	Harga Runcit Ikan Airtawar Di Pasar-Pasar Utama Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Retail Prices Of Freshwater Fish At Major Markets By State And Fish Species, Malaysia, 1992)</i>	169
JADUAL 23.1 (TABLE)	Harga Borong Ikan Airpayau/Masin Di Pasar-Pasar Utama Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Wholesale Prices Of Brackishwater/ Marine Fish At Major Markets By State And Fish Species, Malaysia, 1992)</i>	170

JADUAL 23.2 (TABLE)	Harga Runcit Ikan Airpayau/Masin Di Pasar-Pasar Utama Mengikut Negeri Dan Spesies Ikan, Malaysia, 1992 <i>(Retail Prices Of Brackishwater/ Marine Fish At Major Markets By State And Fish Species, Malaysia, 1992)</i>	171
JADUAL 24.1 (TABLE)	Pengeluaran Hasil Ikan Hiasan Mengikut Negeri, Malaysia, 1992 <i>(Production Of Ornamental Fish By State, Malaysia, 1992)</i>	172
JADUAL 24.2 (TABLE)	Pengeluaran Dan Nilai Ikan Hiasan Mengikut Negeri, Malaysia, 1992 <i>(Production And Value Of Ornamental Fish By State, Malaysia, 1992)</i>	173
JADUAL 25.1 (TABLE)	Bilangan Dan Pengeluaran Kilang "Feedmill" Mengikut Negeri, Malaysia, 1992 <i>(Number And Production Of Feedmills By State, Malaysia, 1992)</i>	174
JADUAL 26.1 (TABLE)	Bilangan Dan Pengeluaran Pusat Pengeluaran Benih Ikan/Udang Swasta Mengikut Negeri, Malaysia, 1992 <i>(Number And Production Of Private Fish/Prawn Fry Hatchery Centre By State, Malaysia, 1992)</i>	175

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

JADUAL 27.1 (TABLE)	Pendaratan Ikan Airtawar Dari Perairan Umum/Perikanan Darat Mengikut Bulan Dan Negeri, Malaysia, 1992 <i>(Landings Of Freshwater Fish From Public Waterbodies/Inland Fisheries By Month And State, Malaysia, 1992)</i>	178
------------------------	--	-----

D.	KLASIFIKASI PERANGKAAAN PIAWAIAN IKAN-IKAN AIRTAWAR MALAYSIA (Standard Statistical Classification Of Common Malaysian Freshwater Fishes)	181 - 183
-----------	---	------------------

DAN (AND)

	KLASIFIKASI PERANGKAAAN PIAWAIAN IKAN-IKAN LAUT MALAYSIA (Standard Statistical Classification Of Malaysian Marine Fishes)	184 - 189
--	--	------------------

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

KEDUDUKAN SEKTOR PERIKANAN DI MALAYSIA

1. LATARBELAKANG

- 1.1 Industri perikanan memainkan peranan yang bertambah penting dalam ekonomi Malaysia. Sumbangan sektor perikanan kepada Keluaran Dalam Negara Kasar (KDNK) telah bertambah sebanyak 0.20% dari tahun 1991. Ianya menyumbangkan 1.76% kepada KDNK dalam tahun 1992 berbanding dengan 1.56% dalam tahun 1991*. Jumlah pendaratan ikan pada tahun 1992 telah meningkat kepada 1,104,988 tan metrik bernilai RM2.60 bilion berbanding dengan hanya 978,235 tan metrik dengan nilai sebanyak RM2.03 bilion pada tahun sebelumnya.
- 1.2 Pada dasarnya sektor perikanan di Malaysia boleh dibahagikan kepada perikanan laut, ternakair dan perairan umum/perikanan darat. Jumlah pendaratan dari tangkapan laut bertambah sebanyak 12.24% dari 911,933 tan metrik dalam tahun 1991 kepada 1,023,516 tan metrik dalam tahun 1992. Dari segi nilai terdapat pertambahan sebanyak 28.44% dari RM1.85 bilion dalam tahun 1991 kepada RM2.38 bilion dalam tahun 1992. Sementara itu, jumlah pengeluaran ternakair tidak termasuk pengeluaran ikan hiasan, juga bertambah sebanyak 22.91% daripada 64,843.63 tan metrik dalam tahun 1991 kepada 79,698.66 tan metrik dalam tahun 1992. Dari segi nilai didapati pertambahan sebanyak 25.56% dari RM165.15 juta dari tahun 1991 kepada RM207.36 juta dalam tahun 1992. Pengeluaran ikan hiasan meningkat sebanyak 15.82% dari 88,584,841 ekor dalam tahun 1991 kepada 102,597,493 ekor dalam tahun 1992. Terdapat pertambahan nilai sebanyak 20.13% dari RM14.50 juta dalam tahun 1991 kepada RM17.42 juta dalam tahun 1992. Perairan umum/perikanan darat pula mengeluarkan ikan sejumlah 1,773.36 tan metrik pada tahun 1992 berbanding 1,458.23 tan metrik dalam tahun 1991. Ini adalah peningkatan pengeluaran sebanyak 21.61%.

*Seperti Laporan Tahunan Bank Negara Malaysia 1992

2. GUNA TENAGA

- 2.1 Seramai 85,085 nelayan terlibat dalam sektor perikanan laut pada tahun 1992 berbanding dengan 84,862 nelayan dalam tahun 1991 dan ini menunjukkan pertambahan sebanyak 0.26%. Terdapat pengurangan jumlah bilangan nelayan di Semenanjung Malaysia sebanyak 1.47% (dari 61,309 nelayan kepada 60,410 nelayan). Walau bagaimanapun, Perlis, Pahang dan Johor Timur menunjukkan peningkatan bilangan nelayan masing-masing sebanyak 3.75%, 2.36% dan 5.23%. Sementara itu, Sabah menunjukkan pertambahan sebanyak 6.67% (dari 16,133 nelayan kepada 17,209 nelayan), Sarawak sebanyak 0.27% (dari 6,966 nelayan kepada 6,985 nelayan) dan Labuan sebanyak 5.95% (dari 454 nelayan kepada 481 nelayan). Pertambahan nelayan di Sabah adalah disebabkan oleh pertambahan vesel menangkap ikan berlesen sementara pengurangan nelayan di Semenanjung Malaysia adalah disebabkan berkurangnya vesel menangkap ikan berlesen.
- 2.2 Dari segi keturunan, didapati pertambahan bilangan nelayan Bumiputera sebanyak 5.67% manakala bilangan nelayan dari keturunan lain berkurangan; Cina sebanyak 9.43%, India sebanyak 1.79%, Thai sebanyak 6.50%, Indonesia sebanyak 76.47% dan lain-lain keturunan sebanyak 4.66%. Pertambahan bilangan nelayan Bumiputera tertinggi adalah untuk negeri Sabah iaitu sebanyak 30.48%.
- 2.3 Bilangan nelayan yang bekerja di atas vesel-vesel menangkap ikan berlesen yang menggunakan peralatan komersial adalah sebanyak 34,776 nelayan iaitu 40.87% (24.97% nelayan di atas vesel-vesel pukut tunda dan 15.90% nelayan di atas vesel-vesel pukut jerut) dari jumlah bilangan nelayan yang bekerja di atas vesel-vesel menangkap ikan berlesen. Sementara bilangan nelayan yang bekerja di atas vesel-vesel yang berlesen yang menggunakan peralatan tradisional adalah seramai 50,309 nelayan iaitu 59.13% dari jumlah bilangan nelayan yang bekerja di atas vesel-vesel menangkap ikan berlesen.
- 2.4 Seramai 3,990 nelayan asing telah diluluskan dalam tahun 1992 untuk bekerja di atas vesel-vesel perikanan yang dilesenkan di Semenanjung Malaysia. Peratusan bilangan nelayan asing yang telah diluluskan untuk bekerja di atas vesel-vesel perikanan di Negeri Perlis ialah 34.59%, Kedah 17.52%, Pahang 23.78%, Kelantan 13.16%, Terengganu 7.32% dan Johor Timur 3.63%.

3. VESEL-VESEL MENANGKAP IKAN

- 3.1 Pada keseluruhannya bilangan vesel menangkap ikan menurun sedikit dari 32,901 unit dalam tahun 1991 kepada 32,550 unit dalam tahun 1992 iaitu penurunan sebanyak 1.07%. Penurunan untuk Semenanjung Malaysia adalah sebanyak 4.19% (dari 22,809 unit kepada 21,854 unit) dan Sarawak sebanyak 0.62% (dari 2,754 unit kepada 2,737 unit). Manakala bilangan vesel-vesel menangkap ikan di Sabah dan Labuan bertambah sebanyak 8.46% (dari 7,338 unit kepada 7,959 unit). Pertambahan ini datang dari vesel-vesel tanpa injin iaitu sebanyak 39.66% (dari 1,160 unit kepada 1,620 unit) dan vesel-vesel berinjin sangkut sebanyak 5.29% (dari 3,781 unit kepada 3,981 unit).
- 3.2 Keseluruhan bilangan vesel-vesel menangkap ikan laut dalam (70 GRT dan keatas) yang dilesenkan di Malaysia pada tahun 1992 adalah sebanyak 603 unit iaitu di Pantai Timur Semenanjung Malaysia 271 unit, Pantai Barat Semenanjung Malaysia 184 unit, Sabah 10 unit, Labuan 5 unit dan Sarawak 133 unit.

4. PERKAKAS MENANGKAP IKAN

- 4.1 Jumlah bilangan perkakas menangkap ikan yang dilesenkan dalam tahun 1992 berkurangan sebanyak 4.28% berbanding dengan tahun 1991 (dari 30,238 unit dalam tahun 1991 kepada 28,944 unit dalam tahun 1992). Bagi semua negeri di Semenanjung Malaysia, jumlah perkakas menangkap ikan yang dilesenkan berkurangan sebanyak 4.19% (dari 22,809 unit dalam tahun 1991 kepada 21,854 unit dalam tahun 1992). Manakala Sabah dan Sarawak menunjukkan pengurangan jumlah perkakas menangkap ikan yang dilesenkan iaitu masing-masing 7.68%, dan 1.22%. Walau bagaimanapun, Labuan menunjukkan peningkatan jumlah perkakas menangkap ikan yang dilesenkan sebanyak 13.29% (dari 143 unit dalam tahun 1991 kepada 162 unit dalam tahun 1992).

5. PENDARATAN IKAN LAUT

Perikanan laut boleh di klasifikasikan kepada perikanan pantai dan perikanan laut dalam. Pada keseluruhannya pendaratan perikanan laut pada tahun 1992 adalah berjumlah 1,023,516 tan metrik dengan nilai RM2.38 bilion berbanding pada tahun 1991 pendaratan adalah sebanyak 911,933 tan metrik dengan nilai RM1.85 bilion.

5.1 Perikanan Laut Pantai

5.1.1 Perikanan laut pantai termasuk vesel-vesel tradisional dan vesel-vesel komersial bermuatan di bawah 70 GRT yang mengoperasikan semua jenis perkakas menangkap ikan. Perikanan laut pantai menyumbangkan sebanyak 877,163 tan metrik ikan dalam tahun 1992 iaitu 85.70% daripada jumlah pendaratan ikan laut di Malaysia berbanding dengan 761,090 tan metrik dalam tahun 1991 iaitu 83.46% daripada jumlah pendaratan ikan laut di Malaysia. Mengikut kawasan, Pantai Barat Semenanjung Malaysia menyumbangkan sebanyak 50.70% (444,718 tan metrik), Pantai Timur Semenanjung Malaysia 24.40% (214,068 tan metrik), Sabah 16.52% (144,867 tan metrik), Labuan 2.05% (17,960 tan metrik) dan Sarawak 6.33% (55,549 tan metrik) daripada jumlah pendaratan perikanan laut pantai. Mengikut nilai, perikanan laut pantai menyumbangkan sebanyak RM2,101.83 juta dalam tahun 1992.

5.1.2 Pendaratan perikanan laut pantai telah bertambah sebanyak 15.25% (daripada 761,090 tan metrik dalam tahun 1991 kepada 877,162 tan metrik dalam tahun 1992). Pertambahan ini datangnya masing-masing dari Pantai Barat Semenanjung Malaysia (dari 372,400 tan metrik dalam tahun 1991 kepada 444,718 tan metrik dalam tahun 1992), Sabah (dari 99,714 tan metrik dalam tahun 1991 kepada 144,867 tan metrik dalam tahun 1992) dan Labuan (dari 4,125 tan metrik dalam tahun 1991 kepada 17,960 tan metrik dalam tahun 1992). Walau bagaimanapun, Pantai Timur Semenanjung Malaysia mengalami penurunan pendaratan perikanan laut pantai dari 226,244 tan metrik dalam tahun 1991 kepada 214,068 tan metrik dalam tahun 1992 manakala Sarawak dari 58,607 tan metrik dalam tahun 1991 kepada 55,549 tan metrik dalam tahun 1992.

Jadual 1

MALAYSIA
Pendaratan dan Nilai Perikanan Laut Pantai, 1992

	Pendaratan (Tan metrik)	Nilai (RM)
Pantai Barat Sem. Malaysia	444,718	1,063,968,079
Pantai Timur Sem. Malaysia	214,068	426,609,603
Semenanjung Malaysia	658,786	1,490,577,682
Sabah	144,867	403,814,820
Sarawak	55,549	164,537,090
Wilayah Persekutuan Labuan	17,960	42,902,216
Jumlah	877,162	2,101,831,808

5.2 Perikanan Laut Dalam

- 5.2.1 Perikanan laut dalam termasuk vesel-vesel bermuatan 70 GRT dan keatas mengoperasikan pukot tunda, pukot jerut (kecuali pukot jerut bilis), rawai/pancing, pukot hanyut dan beroperasi di perairan melebihi 30 batu nautika dari pantai.

Jadual 2

MALAYSIA
Pendaratan Perikanan Laut Dalam Mengikut Kumpulan Perkakas 1992
(Kuantiti dalam Tan Metrik)

	Pukot Tunda 70 GRT & lebih	Pukot Jerut Ikan 70 GRT & lebih	Rawai/ Pancing 70 GRT & lebih	Jumlah
Pantai Barat Sem. Malaysia	21,391	7,886	0.00	29,277
Pantai Timur Sem. Malaysia	57,201	22,268	0.00	79,469
Semenanjung Malaysia	78,592	30,154	0.00	108,746
Sabah*	696	2,252	185	3,133
Sarawak*	32,692	0.00	0.00	32,692
Wilayah Persekutuan Labuan	348	1,343	92	1,783
Jumlah	112,328	33,749	277	146,354

* Anggaran

Jadual 3

MALAYSIA
Nilai Pendaratan Laut Dalam Mengikut Kumpulan Perkakas, 1992

	Pukot Tunda 70 GRT & lebih Nilai (RM)	Pukot Jerut Ikan & lebih Nilai (RM)	Rawai/ Pancing 70 GRT & lebih Nilai (RM)	Jumlah Nilai (RM)
Pantai Barat Sem. Malaysia	38,639,205	17,344,626	0.00	55,983,831
Pantai Timur Sem. Malaysia	103,323,882	48,976,685	0.00	152,300,567
Semenanjung Malaysia	141,963,087	66,321,311	0.00	208,284,398
Sabah*	1,257,206	4,953,094	664,150	6,874,450
Sarawak*	59,052,540	0.00	0.00	59,052,540
Wilayah Persekutuan Labuan	628,603	2,953,821	330,280	3,912,704
Jumlah	202,901,436	74,228,226	994,430	278,124,092

* Anggaran

5.2.2 Perikanan laut dalam menghasilkan sebanyak 146,354 tan metrik ikan dalam tahun 1992, iaitu 14.30% daripada jumlah pendaratan ikan laut di Malaysia. Dari segi nilai ia menyumbangkan sejumlah RM278.12 juta. Mengikut kawasan, Pantai Barat Semenanjung Malaysia menyumbangkan sebanyak 20.00%, Pantai Timur Semenanjung Malaysia 54.30%, Sabah 2.14%, Labuan 1.22% dan Sarawak 22.34% daripada jumlah pendaratan perikanan laut dalam. Berdasarkan perkakas menangkap ikan, pukut tunda mendaratkan 76.75%, pukut jerut mendaratkan 23.06% dan rawai/pancing mendaratkan 0.19% ikan dari perikanan laut dalam.

6. TERNAKAIR

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

6.2 Ternakan Airtawar

6.2.1 Jumlah pengeluaran dari ternakair airtawar meningkat sebanyak 44.22% dari 11,088.79 tan metrik dalam tahun 1991 kepada 15,991.93 tan metrik pada tahun 1992. Nilai pengeluaran juga telah meningkat sebanyak 45.18% dari RM71.81 juta dalam tahun 1991 kepada RM104.25 juta pada tahun 1992. Ternakan airtawar menyumbangkan sebanyak 20.07% daripada jumlah keseluruhan pengeluaran ternakair pada tahun 1992. Peningkatan pengeluaran ternakan airtawar pada tahun 1992 adalah disebabkan oleh tiga faktor iaitu, peningkatan keluasan kolam airtawar, sangkar airtawar dan bekas lombong; peningkatan purata pengeluaran kolam airtawar sebanyak 28.43% oleh sebab terdapat peningkatan mutu makanan ternakan ikan iaitu kepada makanan jenis pellet/komersial dan pasaran yang lebih menggalakkan berbanding tahun 1991.

6.2.2 Pengeluaran dari ternakan airtawar dalam kolam adalah yang tertinggi pada tahun 1992 yang menyumbangkan sebanyak 88.56% (14,162.35 tan metrik) diikuti dengan pengeluaran dari bekas lombong, menyumbangkan sebanyak 8.42% (1,346.07 tan metrik)

dan pengeluaran dari sangkar sebanyak 3.02% (483.51 tan metrik). Seramai 15,591 penternak mengusahakan kolam airtawar meliputi kawasan seluas 5,598.09 hektar, 281 penternak mengusahakan ternakan airtawar dalam bekas lombong dengan keluasan kawasan seluas 1,059.22 hektar dan 321 penternak mengusahakan ternakan airtawar dalam sangkar dengan keluasan meliputi 29,046.42 meter persegi.

- 6.2.3 Pengeluaran belut telah menunjukkan peningkatan yang tinggi pada tahun 1992 iaitu 3 kali ganda berbanding dengan tahun 1991 walaupun sumbangannya kepada jumlah keluaran ternakan airtawar dalam kolam hanya 11.0% pada tahun 1992. Pengeluaran belut meningkat dari 442.51 tan metrik dalam tahun 1991 kepada 1,572.00 tan metrik dalam tahun 1992. Peningkatan pengeluaran belut adalah disebabkan permintaan luar negara yang lebih baik pada tahun 1992 berbanding tahun 1991.
- 6.2.4 Tiga spesies utama ternakan airtawar dalam kolam adalah tilapia hitam yang menyumbangkan pengeluaran sebanyak 21.23% (3,006.26 tan metrik) diikuti dengan lampam jawa sebanyak 17.51% (2,480.33 tan metrik) dan lee koh sebanyak 11.96% (1,693.78 tan metrik). Kepentingan pengeluaran ketiga-tiga spesies ini adalah sama pada tahun 1991 dan 1992. Purata pengeluaran dari ternakan airtawar dalam kolam bertambah 1.97 tan metrik/hektar/tahun dalam tahun 1991 kepada 2.53 tan metrik/hektar/tahun dalam tahun 1992.
- 6.2.5 Jumlah pengeluaran ternakan airtawar dalam bekas lombong meningkat sebanyak 41.85% (dari 948.93 tan metrik dalam tahun 1991 kepada 1,346.07 tan metrik dalam tahun 1992). Walaubagaimanapun purata pengeluaran bagi ternakan airtawar dalam bekas lombong menurun dari 1.47 tan metrik/hektar/tahun dalam tahun 1991 kepada 1.27 tan metrik/hektar/tahun dalam tahun 1992. Tiga spesies utama ditenak dalam bekas lombong pada tahun 1992 adalah kap kepala besar yang dikeluarkan sebanyak 931.75 tan metrik, kap rumput sebanyak 156.86 tan metrik dan tilapia hitam sebanyak 106.50 tan metrik. Terdapat penurunan dari segi peratusan pengeluaran bagi ikan tilapia merah dari bekas lombong sebanyak 57.13% dari 210.28 tan metrik pada tahun 1991 kepada 90.14 tan metrik pada tahun 1992. Ini adalah disebabkan ramai penternak yang dahulunya menternak tilapia merah di dalam bekas lombong telah berubah menternak tilapia merah di dalam sangkar airtawar dan ini amat jelas terdapat di negeri Selangor.

6.2.6 Purata pengeluaran bagi sangkar airtawar telah menurun dari 23.32 kilogram/meter persegi/tahun dalam tahun 1991 kepada 16.65 kilogram/meter persegi/tahun dalam tahun 1992. Jumlah pengeluaran sangkar airtawar juga menurun sebanyak 15.76% dari 573.97 tan metrik dalam tahun 1991 kepada 483.51 tan metrik dalam tahun 1992 walaupun luas kawasan telah bertambah dari 24,613.37 meter persegi dalam tahun 1991 kepada 29,046.42 meter persegi dalam tahun 1992. Ini adalah disebabkan pada tahun 1992 banyak sangkar tidak diusahakan. Negeri Johor dan Terengganu mencatatkan penurunan purata pengeluaran sangkar airtawar oleh sebab di atas. Spesies paling utama dipelihara di dalam sangkar airtawar ialah tilapia merah yang menyumbangkan sebanyak 70.29% dari jumlah spesies yang dipelihara dengan pengeluaran sebanyak 339.87 tan metrik.

6.3 Ternakan Airpayau

6.3.1 Bilangan penternak yang mengusahakan ternakan kolam airpayau adalah seramai 646 orang dengan keluasan kawasan ternakan seluas 1,702.91 hektar sementara bilangan penternak yang mengusahakan ternakan airpayau dalam sangkar adalah seramai 1,013 orang dengan keluasan sangkar seluas 397,799.36 meter persegi. Bilangan penternak yang mengusahakan ternakan kerang pula adalah seramai 291 orang dengan keluasan ternakan seluas 5,641.63 hektar. Bilangan penternak yang mengusahakan ternakan siput sudu adalah seramai 215 orang dengan keluasan ternakan seluas 46,963.76 meter persegi dan bilangan penternak yang mengusahakan ternakan tiram adalah seramai 97 orang dengan keluasan 36,249.21 meter persegi .

6.3.2 Jumlah pengeluaran bagi ternakan airpayau meningkat sebanyak 18.51% dari 53,754.84 tan metrik dalam tahun 1991 kepada 63,706.73 tan metrik dalam tahun 1992. Peningkatan pengeluaran ini adalah datang dari pengeluaran kerang dan ikan dalam sangkar airpayau manakala pengeluaran ternakan airpayau yang lain seperti ternakan kolam airpayau, siput sudu dan tiram menurun. Pengeluaran kerang meningkat sebanyak 19.22% dan ikan dalam sangkar airpayau meningkat sebanyak 58.15% manakala pengeluaran ternakan airpayau yang lain seperti ternakan kolam airpayau, siput sudu dan tiram menurun sebanyak 4.98%. Pengeluaran kerang bertambah dalam tahun 1992 disebabkan peningkatan penguatkuasaan di dalam membentaras penyeludupan benih-benih kerang keluar negara. Penurunan pengeluaran ternakan kolam airpayau adalah

disebabkan banyak kolam di Johor tidak beroperasi dalam tahun 1992. Manakala penurunan pengeluaran siput sudu adalah disebabkan masalah benih dimana kejadian semulajadi benih siput sudu berkurangan. Masalah ini ketara di Johor, pengeluar utama benih siput sudu. Begitu juga di Selangor dan Perak. Di Perak juga ternakan siput sudu banyak di tutup dan tidak diusahakan oleh kerana masalah teritip yang memusnahkan benih. Tiram juga menghadapi masalah bekalan benih dari Perak dan Terengganu.

- 6.3.3 Dari segi nilai pengeluaran, terdapat pertambahan nilai pengeluaran ternakan airpayau sebanyak 10.34% dari RM93.45 juta dalam tahun 1991 kepada RM103.11 juta dalam tahun 1992.
- 6.3.4 Pengeluaran kerang adalah yang tertinggi sekali diantara keluaran ternakan airpayau dalam tahun 1992 dan ia menyumbangkan sebanyak 87.25% (55,586.84 tan metrik) dari jumlah keseluruhan pengeluaran ternakan tersebut. Pengeluaran ternakan sangkar airpayau pula menyumbangkan sebanyak 5.29% (3,369.35 tan metrik), kolam airpayau 5.06% (3,224.55 tan metrik), siput sudu 2.35% (1,493.40 tan metrik) dan tiram 0.05% (32.95 tan metrik) dari jumlah keseluruhan pengeluaran ternakan airpayau. Walaubagaimanapun, dari segi nilai, ternakan kolam airpayau menyumbangkan nilai yang paling tinggi diantara ternakan airpayau yang lain iaitu sebanyak 49.88% (RM51.43 juta) dari jumlah nilai keseluruhan ternakan tersebut diikuti dengan ternakan sangkar airpayau sebanyak 35.10% (RM36.19 juta) kerang 14.10% (RM14.54 juta) siput sudu 0.61% (RM629,230) dan tiram 0.31% (RM324,320).
- 6.3.5 Spesies utama yang ditenak didalam kolam airpayau adalah udang harimau yang mengeluarkan sebanyak 87.39% (2,818.04 tan metrik) dari jumlah pengeluaran kolam airpayau dan lain-lain spesies ditenak ialah udang putih, siakap, jenahak, kerapu, ketam dan lain-lain spesies dengan jumlah pengeluaran sebanyak 12.61% (406.51 tan metrik). Adalah diperhatikan bahawa ternakan siakap telah menurun sebanyak 80.51% (dari 192.89 tan metrik dalam tahun 1991 kepada 37.59 tan metrik dalam tahun 1992) begitu juga kerapu yang menurun sebanyak 96.79% (dari 38.29 tan metrik dalam tahun 1991 kepada 1.23 tan metrik dalam tahun 1992). Penurunan ini adalah disebabkan kurang permintaan spesies ini yang ditenak di kolam berbanding dengan yang ditenak dalam sangkar. Negeri utama yang mengeluarkan ternakan dalam kolam ialah Selangor, Perak dan Johor.

Kedah juga telah memulakan ternakan ikan dalam kolam dan menampakkan perkembangan yang menggalakkan.

- 6.3.6 Tiga spesies utama dipelihara didalam sangkar airpayau ialah siakap sebanyak 81.52% (2,746.67 tan metrik) diikuti oleh kerapu sebanyak 8.51% (286.57 tan metrik) dan jenahak sebanyak 7.81% (263.05 tan metrik). Jumlah pengeluaran dari sangkar airpayau meningkat sebanyak 58.15% (dari 2,130.48 tan metrik dalam tahun 1991 kepada 3,369.35 tan metrik dalam tahun 1992). Purata pengeluaran juga meningkat dari 7.06 kilogram/meter persegi/tahun dalam tahun 1991 kepada 8.47 kilogram/meter persegi/tahun dalam tahun 1992. Peningkatan jumlah pengeluaran dari sangkar airpayau di kesan di negeri Kedah sebanyak 332.08% (dari 11.13 tan metrik dalam tahun 1991 kepada 48.09 tan metrik dalam tahun 1992), Pulau Pinang sebanyak 75.64% (dari 538.20 tan metrik dalam tahun 1991 kepada 945.31 tan metrik dalam tahun 1992), Perak sebanyak 218.98% (dari 179.17 tan metrik dalam tahun 1991 kepada 571.52 tan metrik dalam tahun 1992) dan Johor meningkat sebanyak 47.25% (dari 372.37 tan metrik dalam tahun 1991 kepada 548.33 tan metrik dalam tahun 1992). Tiada pengeluaran bagi Sarawak dalam tahun 1991. Walau bagaimanapun, pada tahun 1992 negeri Sarawak menunjukkan pengeluaran sebanyak 45.00 tan metrik.

6.4 Ikan Hiasan

- 6.4.1 Jumlah pengeluaran ikan hiasan meningkat sebanyak 15.82% dari 88,584,841 ekor dalam tahun 1991 kepada 102,597,493 ekor dalam tahun 1992. Dari segi nilai terdapat juga peningkatan sebanyak 20.13% (dari RM14.50 juta dalam tahun 1991 kepada RM17.42 juta dalam tahun 1992). Dari segi pengeluaran, Pulau Pinang meningkat sebanyak 235.83% (dari 3,052,037 ekor dalam tahun 1991 kepada 10,249,489 ekor dalam tahun 1992), Perak meningkat 1,669.99% (dari 1,159,241 ekor dalam tahun 1991 kepada 20,518,472 ekor dalam tahun 1992) dan Selangor meningkat sebanyak 1,082.40%, (dari 867,696 ekor dalam tahun 1991 kepada 10,259,646 ekor dalam tahun 1992). Johor masih kekal sebagai pengeluar utama ikan hiasan yang menyumbang sebanyak 61,529,206 ekor iaitu menyumbang 59.97% dari jumlah pengeluaran ikan hiasan dalam tahun 1992. Dua kumpulan famili utama dikeluarkan adalah Cyprinids yang menyumbang sebanyak 47.31% ('gold fish' dan 'Japanese carp' 28.62%, 'Barb dan Danio' 18.69%) dan Poecilids menyumbang sebanyak 21.77% daripada jumlah pengeluaran.

7. PERAIRAN UMUM/PERIKANAN DARAT

- 7.1 Perairan umum/perikanan darat adalah ditakrif sebagai pengeluaran ikan dari sumber perairan umum iaitu sungai, tasik, bekas lombong dan empangan. Pendaratan dari perairan umum/perikanan darat meningkat sebanyak 21.61% dari 1,458.23 tan metrik dalam tahun 1991 kepada 1,773.36 tan metrik dalam tahun 1992. Negeri Kedah, Perak, Johor, Pahang, Terengganu dan Kelantan menunjukkan peningkatan dalam pendaratan masing-masing sebanyak 56.53%, 28.74%, 31.54%, 0.73%, 19.31% dan 9.69%. Peningkatan pendaratan adalah ekoran dari kejayaan program pelepasan benih ikan ke perairan umum dan penguatkuasaan Kaedah-Kaedah Perikanan (Sungai) di beberapa buah negeri.

STATUS OF THE FISHERIES SECTOR IN MALAYSIA

1. INTRODUCTION

- 1.1 The fishing industry plays an increasingly important role in the Malaysian economy. The fisheries sector contribution to the GDP has increased by 0.20% since 1991. It contributed 1.76% to the GDP in 1992 as compared to 1.56% in 1991*. In 1992, the total fish landing from the fisheries sector amount to 1,104,988 tonnes valued at RM2.60 billion compared to 1991 where the fish landing from the fisheries sector total up to 978,235 tonnes valued at RM2.03 billion.
- 1.2 Basically the fisheries sector in Malaysia can be divided into Marine Fisheries, Aquaculture and Public Waterbodies/Inland Fisheries. The total landing from marine capture fisheries increased by 12.24% from 911,933 tonnes in 1991 to 1,023,516 tonnes in 1992. In terms of value, there was an increase of 28.44% from RM1.85 billion in 1991 to RM2.38 billion in 1992. Meanwhile, the total production of aquaculture, excluding ornamental fish production also increased by 22.91% from 64,843.63 tonnes in 1991 to 79,698.66 tonnes in 1992. In terms of value, there was an increase of 25.56% from RM165.15 million in 1991 to RM207.36 million in 1992. The ornamental fish production increased by 15.82% from 88,584,841 pieces in 1991 to 102,597,493 pieces in 1992. In terms of value, there was an increase of 20.13% from RM14.50 million in 1991 to RM17.42 million in 1992. The Public Waterbodies/Inland Fisheries produced 1,773.36 tonnes of fish in 1992 compared to 1,458.23 tonnes in 1991. This is an increase of 21.61% in production.

2. EMPLOYMENT (MANPOWER)

- 2.1 A total of 85,085 fishermen were engaged in the marine fisheries sector in 1992 compared to 84,862 fishermen in 1991, thus showing an increase of 0.26%. There was a decrease in the total number of fishermen from Peninsular Malaysia by 1.47% (from 61,309 fishermen to 60,410 fishermen). However, Perlis, Pahang and East Johore showed an increase in the number of fishermen by 3.75%, 2.36% and 5.23% respectively. Meanwhile, Sabah showed a significant increase of 6.67% (from 16,133

* as Bank Negara Malaysia Annual Report 1992.

fishermen to 17,209 fishermen), Sarawak 0.27% (from 6,966 fishermen) and Labuan 5.95% (from 454 fishermen to 481 fishermen). The increase in the number of fishermen in Sabah was due to the increase in the number of licensed fishing vessels and the decrease in the number of fishermen in Peninsular Malaysia was caused by the decrease in the number of licensed fishing vessels in the area.

- 2.2 In terms of ethnic group, there was an increase of Bumiputera fishermen by 5.67% while other ethnic groups decreased, Chinese by 9.43% , Indian by 1.79%,Thai by 6.50%, Indonesian by 76.47%, and others by 4.66%. The increase in Bumiputera fishermen mainly came from Sabah i.e an increase of 30.48%.
- 2.3 The number of fishermen working on licensed fishing vessels using commercial gears was 34,776 fishermen which was 40.87%(24.97% fishermen on trawler vessels and 15.90% fishermen on fish purse seiner vessels) of the total number of fishermen working on licensed fishing vessels. While, the number of fishermen working on licensed fishing vessels using traditional gear was 50,309 fishermen i.e 59.13% of the total number of fishermen working on licensed fishing vessels.
- 2.4 A total of 3,990 foreign fishermen had been approved in 1992 to work on fishing vessels licensed in Peninsular Malaysia. The percentage of the total foreign fishermen had been approved to work on fishing vessels in the state of Perlis was 34.59%, Kedah 17.52%, Pahang 23.78%, Kelantan 13.16%, Terengganu 7.32% and East Johore 3.63%.

3. FISHING VESSELS

- 3.1 On the whole the fishing fleet decreased slightly from 32,901 units in 1991 to 32,550 units in 1992 i.e a drop of 1.07%. The decrease came from Peninsular Malaysia that was by 4.19% (from 22,809 units in 1991 to 21,854 units in 1992) and Sarawak by 0.62% (from 2,754 units in 1991 to 2,737 units in 1992). The Sabah and Labuan fishing fleet increased by 8.46% (from 7,338 units to 7,959 units). This increase came from non powered vessel by 39.66% (from 1,160 units to 1,620 units) and outboard powered vessels by 5.29% (from 3,781 units to 3,981 units).

- 3.2 The overall number of deepsea fishing fleet licensed (70 GRT and above) in Malaysia in 1992 was 603 units i.e in the East Coast of Peninsular Malaysia 271 units, the West Coast of Peninsular Malaysia 184 units, Sabah 10 units, Labuan 5 units and Sarawak 133 units.

4. FISHING GEARS

- 4.1 The total number of fishing gears licensed in 1992 decreased by 4.28% compared to 1991 (from 30,238 units in 1991 to 28,944 units in 1992). For all the States in Peninsular Malaysia there was a decrease of 4.19% of fishing gears licensed (from 22,809 units in 1991 to 21,854 units in 1992). While Sabah and Sarawak showed a decrease in the number of fishing gears licensed i.e. 7.68% and 1.22% respectively. However, Labuan showed an increase in the number of fishing gears licensed by 13.29% (from 143 units in 1991 to 162 units in 1992).

5. MARINE FISH LANDINGS

Marine fisheries can be classified into inshore and deep sea fisheries. On the whole, the landing of marine fisheries in 1992 was 1,023,516 tonnes with a value of RM2.38 billion compared to 1991, the landing was 911,933 tonnes with a value of RM1.85 billion.

5.1 Inshore Fisheries

- 5.1.1 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 877,163 tonnes of fish for 1992 which is 85.70% of the total marine fish landing of Malaysia compared to 761,090 tonnes in 1991 i.e 83.40% of the total landing of marine fisheries in Malaysia. In term of area of landing, West Coast of Peninsular Malaysia contributed 50.70% (444,718 tonnes), East Coast of Peninsular Malaysia, 24.40% (214,069 tonnes) , Sabah 16.52% (144,867 tonnes), Labuan 2.05% (17,960 tonnes) and Sarawak 6.33% (55,549 tonnes) of the total landing of the inshore fisheries. By value, the inshore fisheries contributed RM2,101.83 million in 1992.

5.1.2 The inshore marine fisheries landing had increased by 15.25% (from 761,090 tonnes in 1991 to 877,162 tonnes in 1992). The increase came from West Coast of Peninsular Malaysia (from 372,400 tonnes in 1991 to 444,718 tonnes in 1992), Sabah (from 99,714 tonnes in 1991 to 144,867 tonnes in 1992) and Labuan (from 4,125 tonnes in 1991 to 17,960 tonnes in 1992) respectively. However, there was a decrease in the inshore marine fish landing in the East Coast of Peninsular Malaysia from 226,244 tonnes in 1991 to 214,068 tonnes in 1992 and Sarawak from 58,607 tonnes in 1991 to 55,549 tonnes in 1992.

Table1

MALAYSIA
Landing and Values of Marine Inshore Fisheries,1992

	Landing(Tonnes)	Value(RM)
West Coast of Peninsular Malaysia	444,718	1,063,968,079
East Coast of Peninsular Malaysia	214,068	426,609,603
Peninsular Malaysia	658,786	1,490,577,682
Sabah	144,867	403,814,820
Sarawak	55,549	164,537,090
Labuan Federal Territory	17,960	42,902,216
Total	877,162	2,101,831,808

5.2 Deep Sea Fisheries

5.2.1 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.

Table 2.

MALAYSIA
Landing of Deep Sea Fisheries by Gear Group, 1992
(Quantity in Tonnes)

	Trawl nets 70GRT & above	FishPurse Seine nets 70 GRT & above	Hook and Lines 70 GRT & above	Total
West Coast of Peninsular Malaysia	21,391	7,886	0.00	29,277
East Coast of Peninsular Malaysia	57,201	22,268	0.00	79,469
Peninsular Malaysia	78,592	30,154	0.00	108,746
Sabah*	696	2,252	185	3,133
Sarawak*	32,692	0.00	0.00	32,692
Labuan Federal Territory	348	1,343	92	1,783
Total	112,328	33,749	277	146,354

* Estimate

Table 3.

MALAYSIA
Value of Marine Deep Sea Fisheries Landings By Gear Group, 1992

	Trawl nets 70GRT & above Value (RM)	FishPurse Seine nets 70 GRT & above Value (RM)	Hook and Lines 70 GRT & above Value (RM)	Total Value (RM)
West Coast of Peninsular Malaysia	38,639,205	17,344,626	0.00	55,983,831
East Coast of Peninsular Malaysia	103,323,882	48,976,685	0.00	152,300,567
Peninsular Malaysia	141,963,087	66,321,311	0.00	208,284,398
Sabah*	1,257,206	4,953,094	664,150	6,874,450
Sarawak*	59,052,540	0.00	0.00	59,052,540
Labuan Federal Territory	628,603	2,953,821	330,280	3,912,704
Total	202,901,436	74,228,226	994,430	278,124,092

* Estimate

5.2.2 The deep sea fishing contributed a total of 146,354 m.t of fish for 1992 which was 14.30% of the total marine fish landing of Malaysia. By value, it contributed RM278,124,092. In term of area of landing, West Coast of Peninsular Malaysia contributed 20.00%, East Coast of Peninsular Malaysia, 54.30%, Sabah 2.14%, Labuan 1.22% and Sarawak 22.34% of the total landing of the deep sea fisheries. In term of fishing gears, trawlers landed 76.75 % and the purse seiners landed 23.06% and hook and lines landed 0.19% of the total landing of the deep sea fisheries.

6. AQUACULTURE

6.1 Basically, the aquaculture industry in Malaysia comprises freshwater and brackishwater culture. Freshwater culture is carried out in freshwater ponds, freshwater cages and ex-mining pools. On the other hand, brackishwater culture covers brackishwater ponds, brackishwater cages and mollusc culture comprising of cockles, mussels and oysters culture.

6.2 Freshwater Culture

6.2.1 The total production of freshwater culture increased by 44.22% from 11,088.79 tonnes in 1991 to 15,991.93 tonnes in 1992. In terms of value, there was an increase of 45.18% from RM71.81 million in 1991 to RM104.25 million in 1992. Freshwater culture contributed 20.07% of the total aquaculture production in 1992. The increase in the freshwater production in 1992 was contributed by 3 factors i.e. the increase in the area of freshwater pond, fresh water cages and ex-mining pools, increase in the average production of freshwater pond to 28.43% due to the change for better quality feed i.e pelleted/commercial feed and a better market prospect compared to 1991.

6.2.2 Freshwater pond culture production was the highest in 1992, contributing 88.56% (14,162.35 tonnes) followed by production from ex-mining pool contributing 8.42% (1346.07 tonnes) and production from cages contributing 3.02% (483.51 tonnes) of the total freshwater culture production. A total of 15,591 culturists were involved in the freshwater pond culture covering an area of 5,598.09 hectar, 281 culturists involved in the freshwater culture in the ex-mining pools covering an area of 1,059.22 hectar and 321 culturists involved in the freshwater cage culture covering an area of 29,046.42 metre square.

6.2.3 The production of eel has shown tremendous increase in 1992 i.e a 3 times increase compared to 1991 although its contribution to the total production of freshwater pond culture was only 11.0% in 1992. Eel production increased from 442.51 tonnes in 1991 to 1,572.00 tonnes in 1992. The increase in eel production came from the fact that there was a good foreign market demand in 1992 compared to 1991.

6.2.4 The 3 main species cultured in freshwater ponds were black tilapia producing 21.23% (3006.26 tonnes) followed by javanese carp producing 17.51% (2480.33 tonnes) and common carp producing 11.96% (1693.78 tonnes). The 3 species showed similar importance in term of production in 1991 and 1992. The average production for

freshwater pond increased from 1.97 tonnes/hectar/year in 1991 to 2.53 tonnes/hectar/year in 1992.

6.2.5 The total production increased by 41.85% (from 948.93 tonnes in 1991 to 1,346.07 tonnes in 1992). However, average production for freshwater culture in ex-mining pool decreased from 1.47 tonnes/hectar/year in 1991 to 1.27 tonnes/hectar/year in 1992. The 3 main species cultured in 1992 were big head carp producing 931.75 tonnes, grass carp producing 156.86 tonnes and red tilapia producing 88.34 tonnes. It was observed that there was a decrease in percentage of production of red tilapia by 57.99% from 210.8 tonnes in 1991 to 88.34 tonnes in 1992. This was because many of the culturist who were culturing red tilapia in ex-mining pool started culturing it in freshwater cages as the case in Selangor.

6.2.6 In terms of average production of freshwater cage culture there was a decrease from 23.32 kilogram/meter square/year in 1991 to 16.65 kilogram/meter/year in 1992. The total production decreased by 15.76 % from 573.97 tonnes in 1991 to 483.51 tonnes in 1992 , although in terms of area, there was an increase from 24,613.37 meter square in 1991 to 29,046.42 meter square in 1992. This was because in 1992 a number of the cages has not been operational. Johor and Terengganu recorded a drop in average production of freshwater cages due to the above reason. Red tilapia was the main species cultured which constituted 70.29% of the total species cultured with production of 339.87 tonnes.

6.3 Brackishwater Culture

6.3.1 The number of culturists involved in brackishwater pond culture were 646 with an area of culture of 1,702.91 hectare while the number of culturists involved in brackishwater cage culture were 1,013 with an area of culture 397,799.36 meter square. The number of culturists involved in cockle culture were 291 with an area of culture of 4,316.13 hectare. The number of culturists involved in mussel culture were 215 with area of culture of 46,963.76 meter square and the number of culturists involved in oyster culture were 97 with an area of culture of 36,249.21 meter square.

6.3.2 The total production of brackishwater culture increased by 18.51% from 53,754.84 tonnes in 1991 to 63,706.73 tonnes in 1992. The increase in production came from cockles and fish from brackishwater cages while others like brackishwater pond, mussel and oyster culture, the production decreased. The cockle production increased by

19.22% and fish from brackishwater cages by 58.15% while others, like brackishwater pond, mussel and oyster culture, the production decreased by 5.81%. The production of cockle increased in 1992 due to increase in enforcement in combating the smuggling of cockle seed abroad. A number of ponds in Johore ceased in operation in 1992 and this caused the decrease in the production of brackishwater pond culture. While the decrease in the production of mussel was due to the problem of seeds where there was a decrease in the natural occurrence of mussel seed. This is obvious in Johor, the main producer of mussel seeds. The same case happened in Selangor and Perak. In Perak a number of mussel culture operation were closed down due to the problem of barnacles which destroyed the seed. Oyster too faced the problem of seed supply from Perak and Terengganu.

- 6.3.3 In terms of value, there was an increase of 10.34% (from RM93.45 million in 1991 to RM103.11 million in 1992).
- 6.3.4 Cockle culture production was the highest amongst the brackishwater culture production in 1992 contributing 87.25% (55,586.84 tonnes) of the total production of brackishwater culture. While, the brackishwater cage culture contributed 5.29% (3,369.35 tonnes), brackishwater pond culture 5.06% (3,224.55 tonnes), mussel 2.35% (1,493.40 tonnes) and oyster 0.05% (32.95 tonnes). However, in terms of value, brackishwater pond culture contributed the highest i.e 49.88% (RM51.43 million) followed by brackishwater cage culture 35.10% (RM36.19 million), cockles 14.10% (RM14.54 million), mussels 0.61% (RM629,230) and oyster 0.31% (RM324,320) .
- 6.3.5 The main species cultured in brackishwater pond was tiger prawn producing 87.39% (2,818.04 tonnes) of the total production of brackishwater pond. Other species cultured were banana prawn, barramundi, mangrove snapper, grouper, mudcrab and other miscellaneous species which comprised 12.61% (406.51 tonnes) of the total production of the brackishwater pond. It was observed that, barramundi species cultured dropped by 80.51% (from 192.89 tonnes in 1991 to 37.59 tonnes in 1992) while grouper dropped by 96.79% (from 38.29 tonnes in 1991 to 1.23 tonnes in 1992). The drop is due to the decrease in demand for the species cultured in ponds compared to the ones cultured in cages. The main states that produced fish cultured in pond were Selangor, Perak and Johore. Kedah also has started fish culture in pond and showing some encouraging development.

6.3.6 The 3 main species cultured in brackishwater cages were barramundi, contributing 81.52% (2,746.67 tonnes) followed by grouper contributing 8.51% (286.57 tonnes) and mangrove snapper contributing 7.81% (263.05 tonnes). The total production of brackishwater cage culture increased by 58.15% (from 2,130.48 tonnes in 1991 to 3,369.35 tonnes in 1992), while average production also increased from 7.06 kilogram/meter square/year in 1991 to 8.47 kilogram/meter square/year in 1992. The total production of brackishwater cage culture, was shown to increase in Kedah by 332.08% (from 11.13 tonnes in 1991 to 48.09 tonnes in 1992), Penang by 75.64% (from 538.20 tonnes in 1991 to 945.31 tonnes in 1992), Perak by 218.98% (from 179.17 tonnes in 1991 to 571.52 tonnes in 1992) and Johore by 47.25% (from 372.37 tonnes in 1991 to 548.32 tonnes in 1992). There was no production for Sarawak in 1991. However, in 1992, Sarawak showed a production of 45.00 tonnes.

6.4 Ornamental Fish

6.4.1 The total production of ornamental fish increased by 15.82% from 88,584,841 pieces in 1991 to 102,597,493 pieces in 1992. In terms of value, the increase was 20.13% (from RM14.5 million in 1991 to RM17.42 million in 1992). In terms of production by states, Penang production increased by 235.83% (from 3,052,037 pieces in 1991 to 10,249,489 pieces in 1992), Perak increased by 1,669.99% (from 1,159,241 pieces in 1991 to 20,518,472 pieces in 1992) and Selangor increased by 1082.40% (from 867,696 pieces in 1991 to 10,259,646 pieces in 1992). Johore remained as the main producer of ornamental fish contributing 61,529,206 pieces which was 59.97% of the total producer of ornamental fish in 1992. The 2 main group of Family produced were Cyprinids contributing 47.31% (gold fish and Japanese carp 28.62%, Barb and Danio 18.69%) and Poeciliids contributing 21.77% of the total production of the ornamental fish.

7. PUBLIC WATERBODIES/INLAND FISHERIES

7.1 Public Waterbodies/Inland Fisheries refers to the production of fish from public waterbodies resources i.e. river, lakes, ex-mining pools and dams. The landing of Public Waterbodies/Inland Fisheries increased by 21.61% from 1,458.23 m.t in 1991 to 1,773.36 m.t in 1992. Kedah, Perak, Johor, Pahang, Terengganu and Kelantan showed an increase in landing by 56.53%, 28.74%, 31.54%, 0.73%, 19.31% and 9.69% respectively. The increase in production was the result of the success of the program on the release of fish fry to the public water bodies and the enforcement of the Fisheries (Riverine) Rules in a number of states.

PETA, CARTA DAN GRAF
MAPS, CHARTS AND GRAPHS

DAERAH-DAERAH PERIKANAN

FISHERIES DISTRICTS

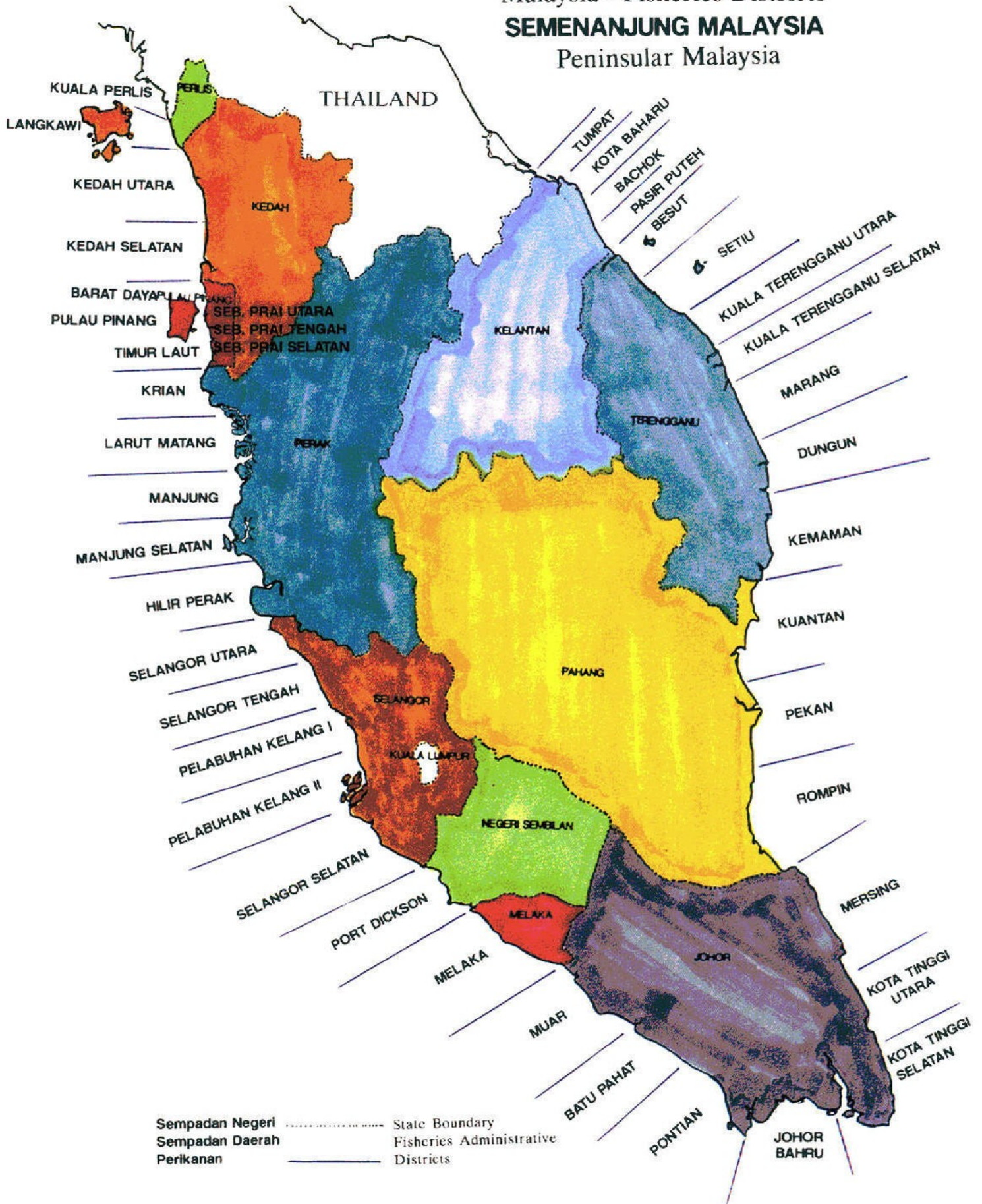
MALAYSIA

MALAYSIA - DAERAH-DAERAH PERIKANAN

Malaysia - Fisheries Districts

SEMANANJUNG MALAYSIA

Peninsular Malaysia



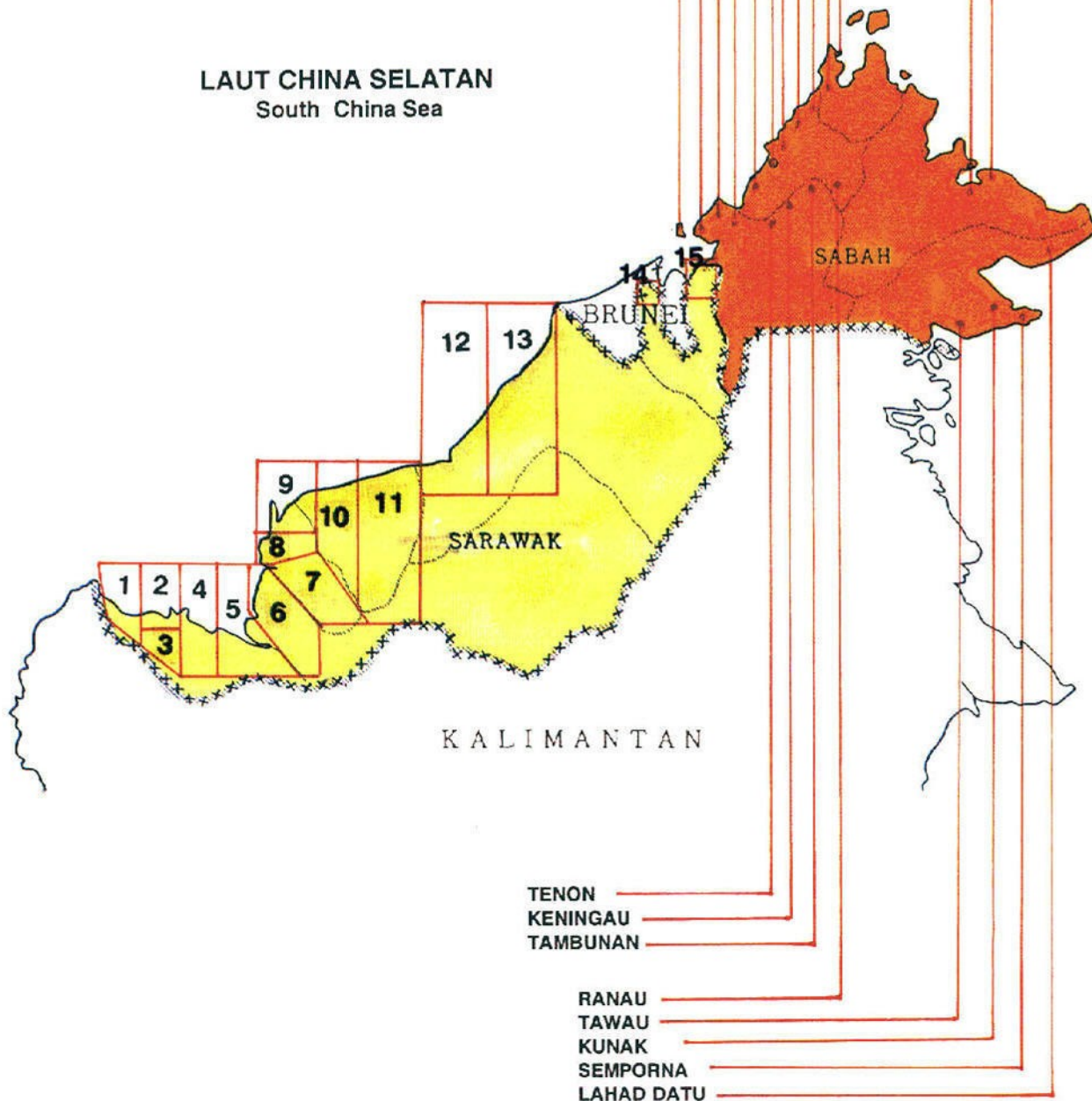
SARAWAK

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

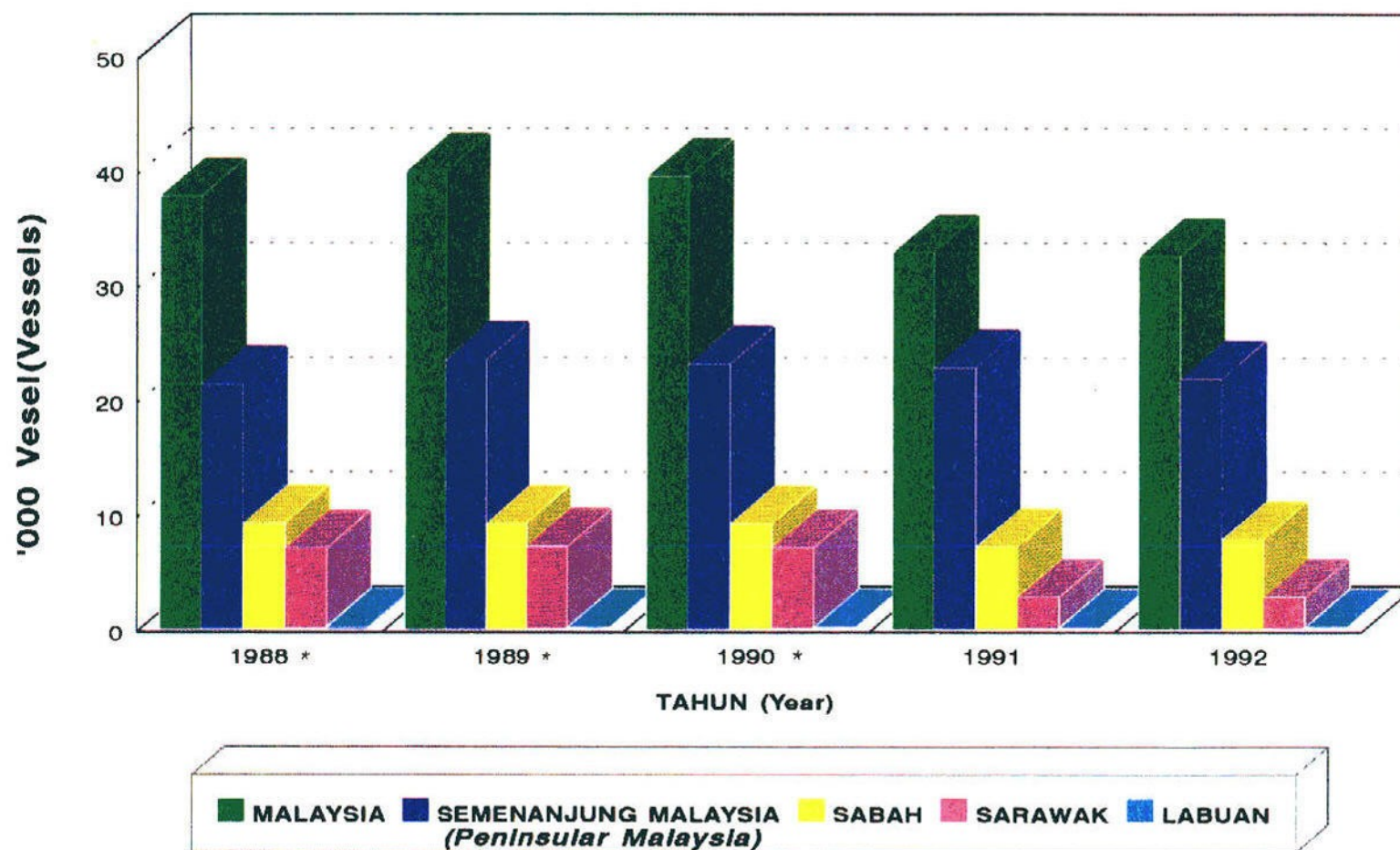
LAUT CHINA SELATAN
 South China Sea



MALAYSIA

BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN, 1988-1992

(Number Of Fishing Vessels Licensed, 1988-1992)



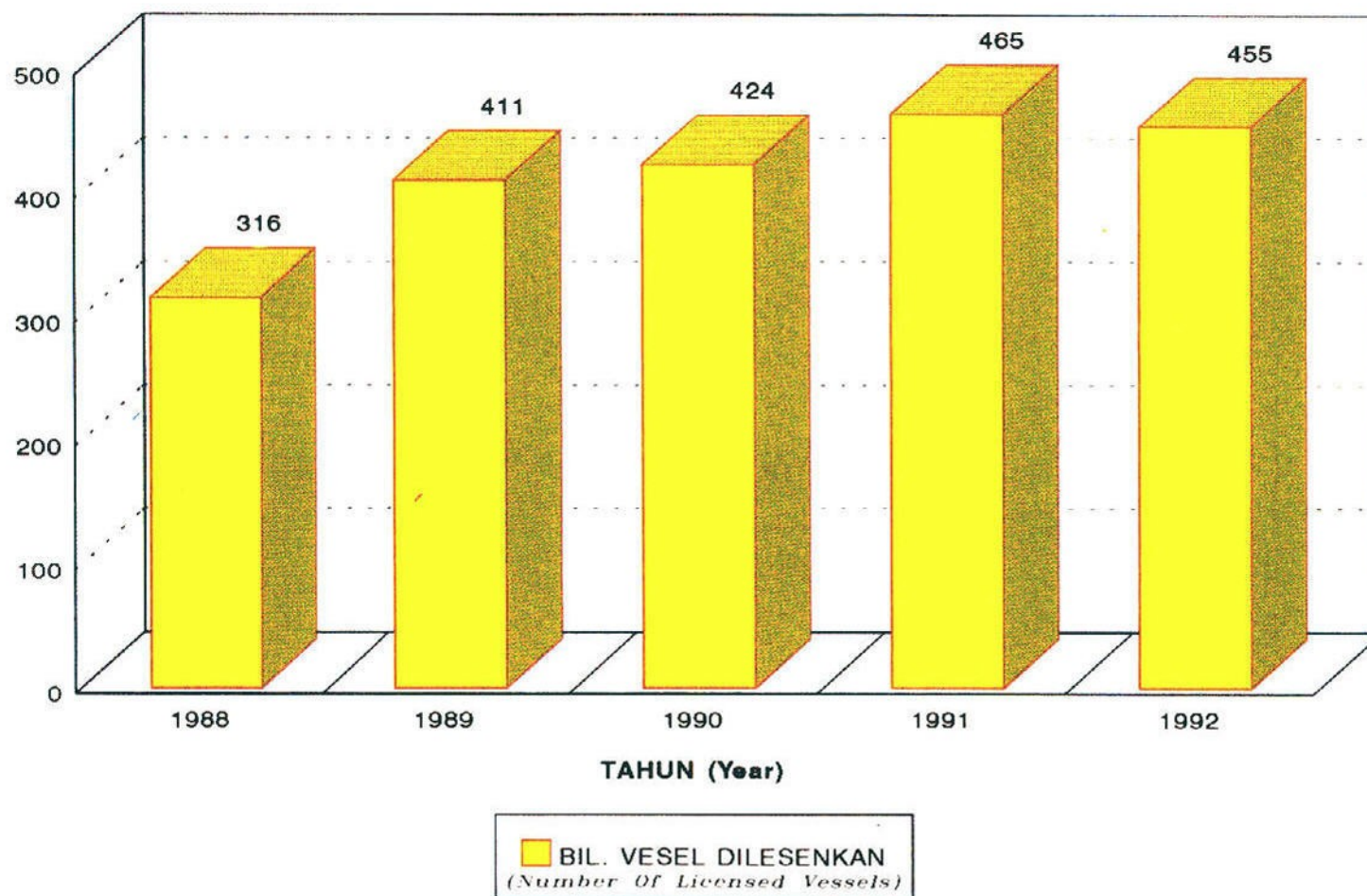
*Untuk Sarawak, bilangan vesel termasuk vesel yang tidak dilesenkan
 (For Sarawak, the number of vessels include vessels not licensed)

SEMENANJUNG MALAYSIA

(Peninsular Malaysia)

BILANGAN VESEL-VESEL LAUT DALAM YANG DILESENKAN, 1988-1992

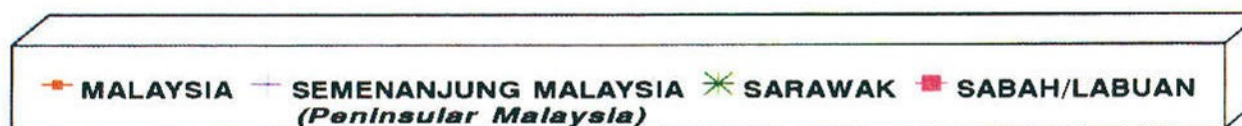
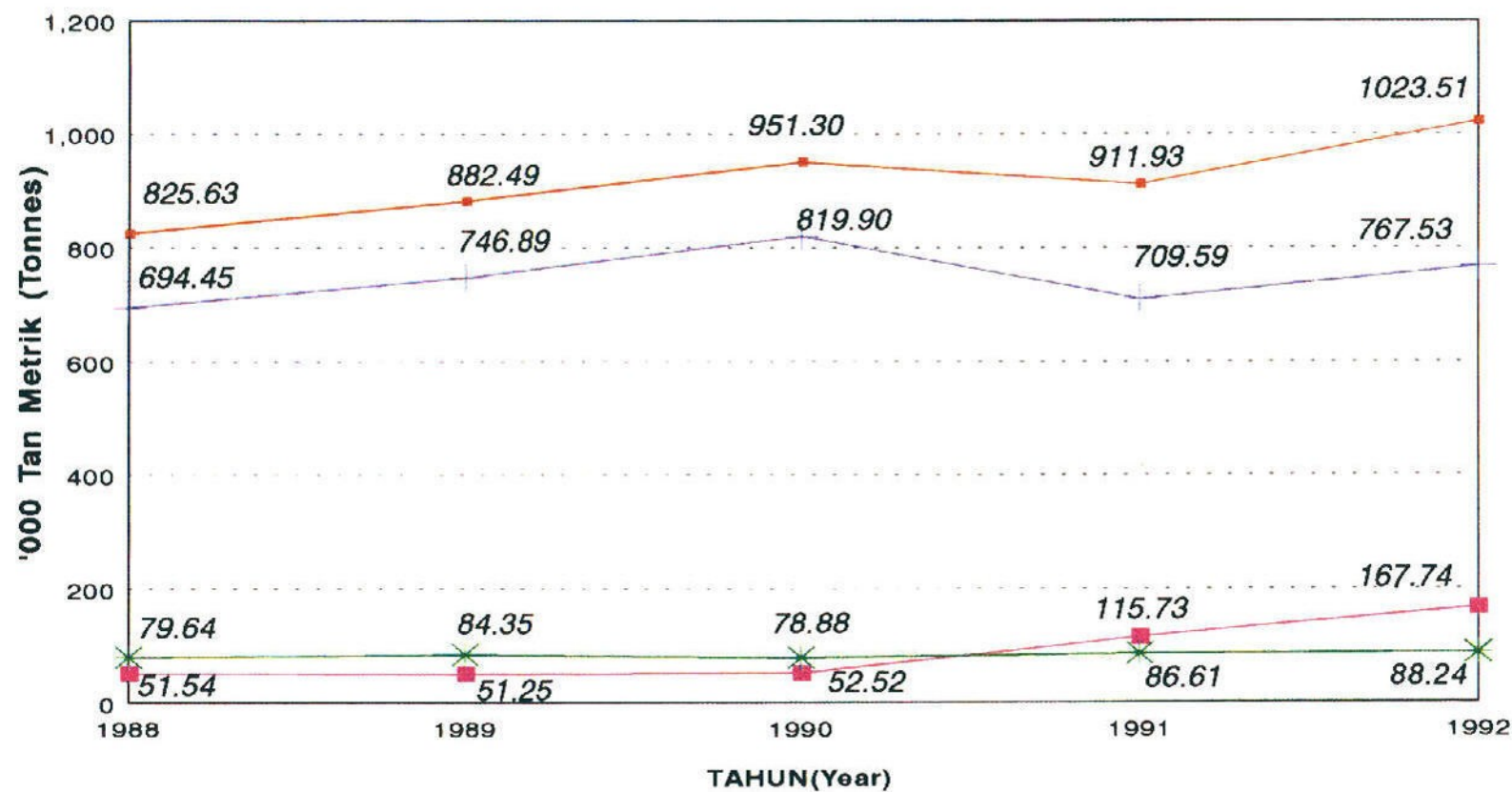
(Number Of Deep-Sea Vessels Licensed, 1988-1992)



MALAYSIA

ARAH ALIRAN PENDARATAN IKAN LAUT, 1988-1992

(Trend Of Marine Fish Landings, 1988-1992)



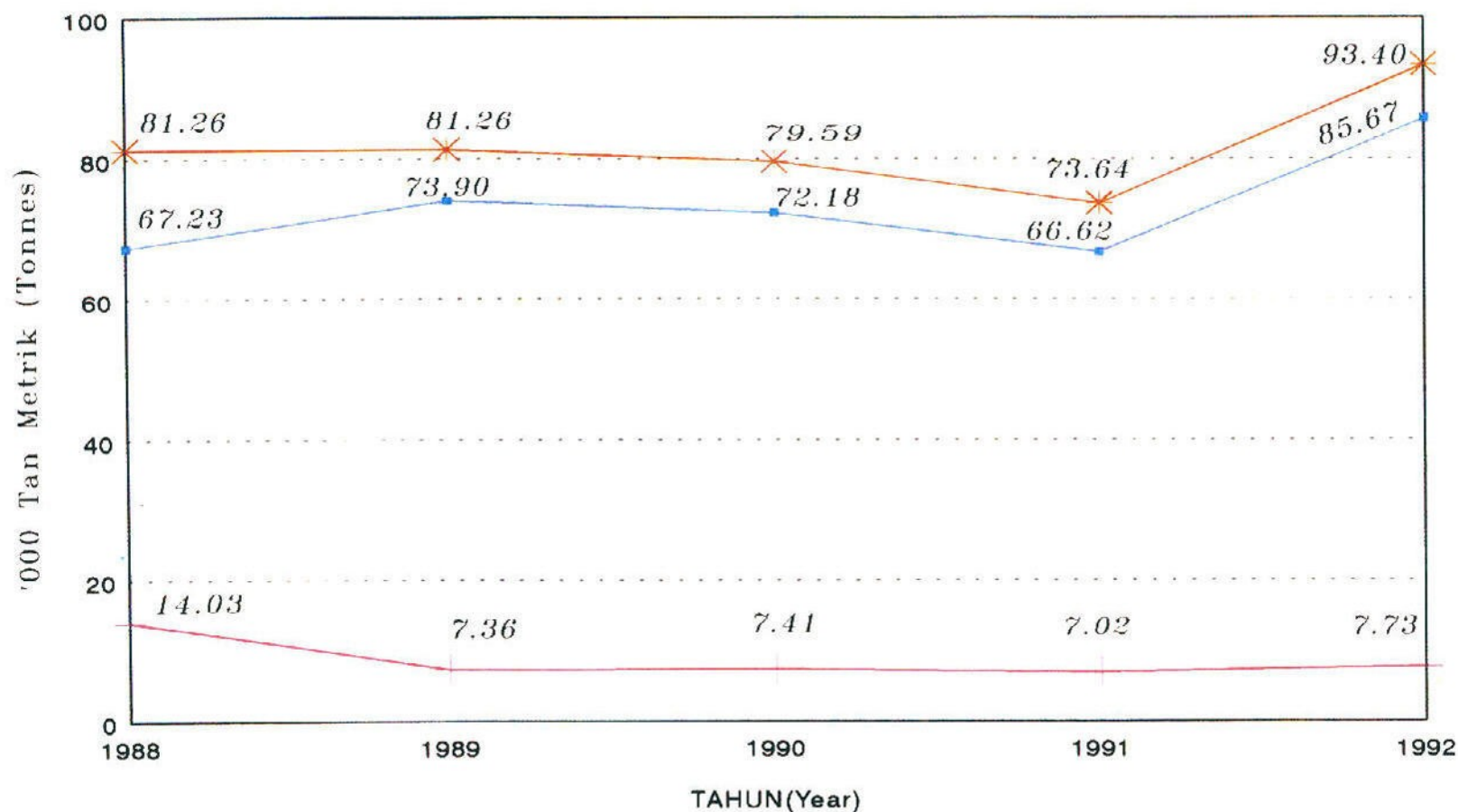
SEMENANJUNG MALAYSIA

(Peninsular Malaysia)

ARAH ALIRAN PENDARATAN UDANG, 1988-1992

(Trend Of Prawn Landings, 1988-1992)

CARTA (CHART) IV



■ PANTAI BARAT (West Coast)
 ■ PANTAI TIMUR (East Coast)
 ✱ SEMENANJUNG MALAYSIA (Peninsular Malaysia)

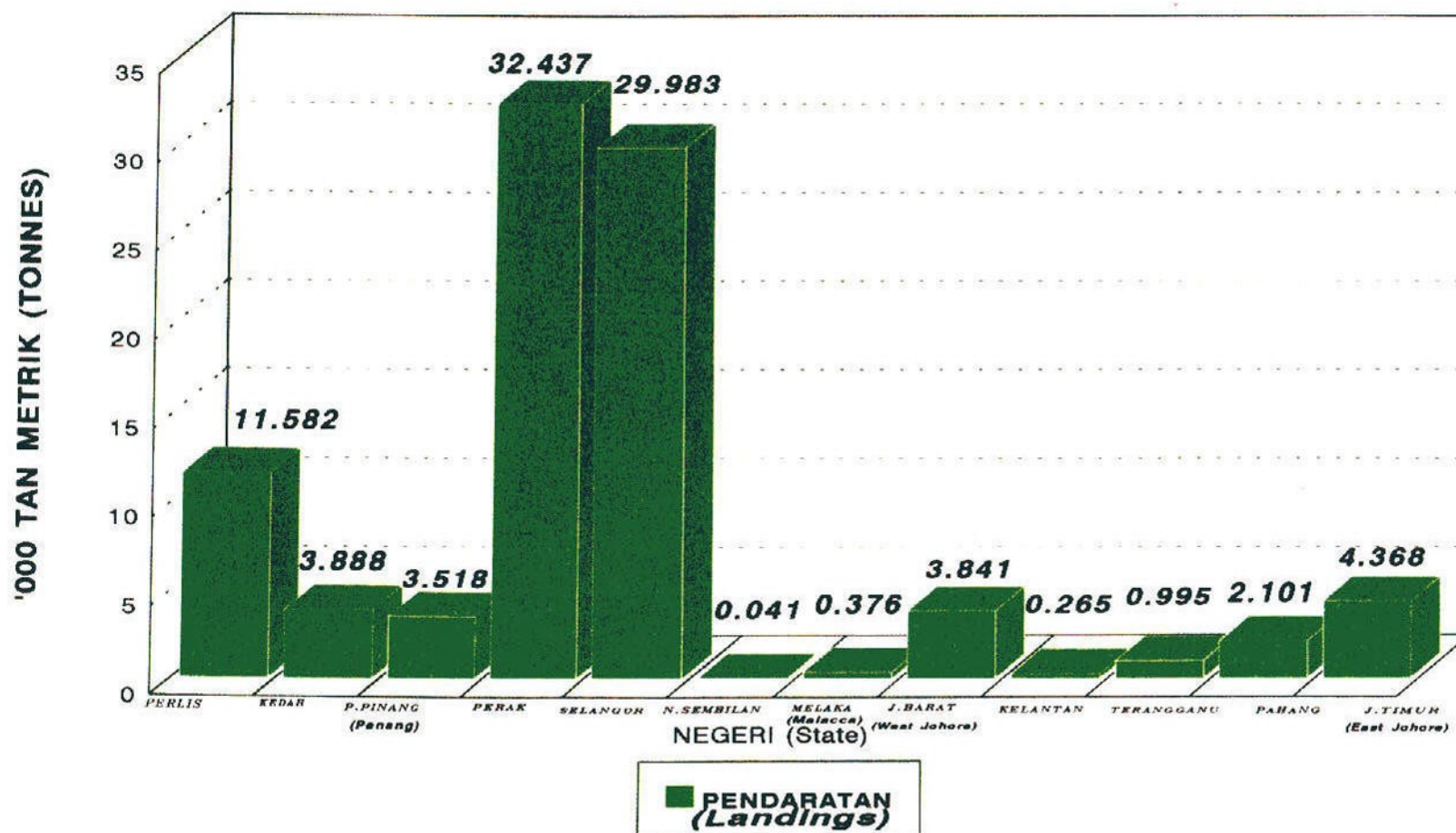
SEMENANJUNG MALAYSIA

(Peninsular Malaysia)

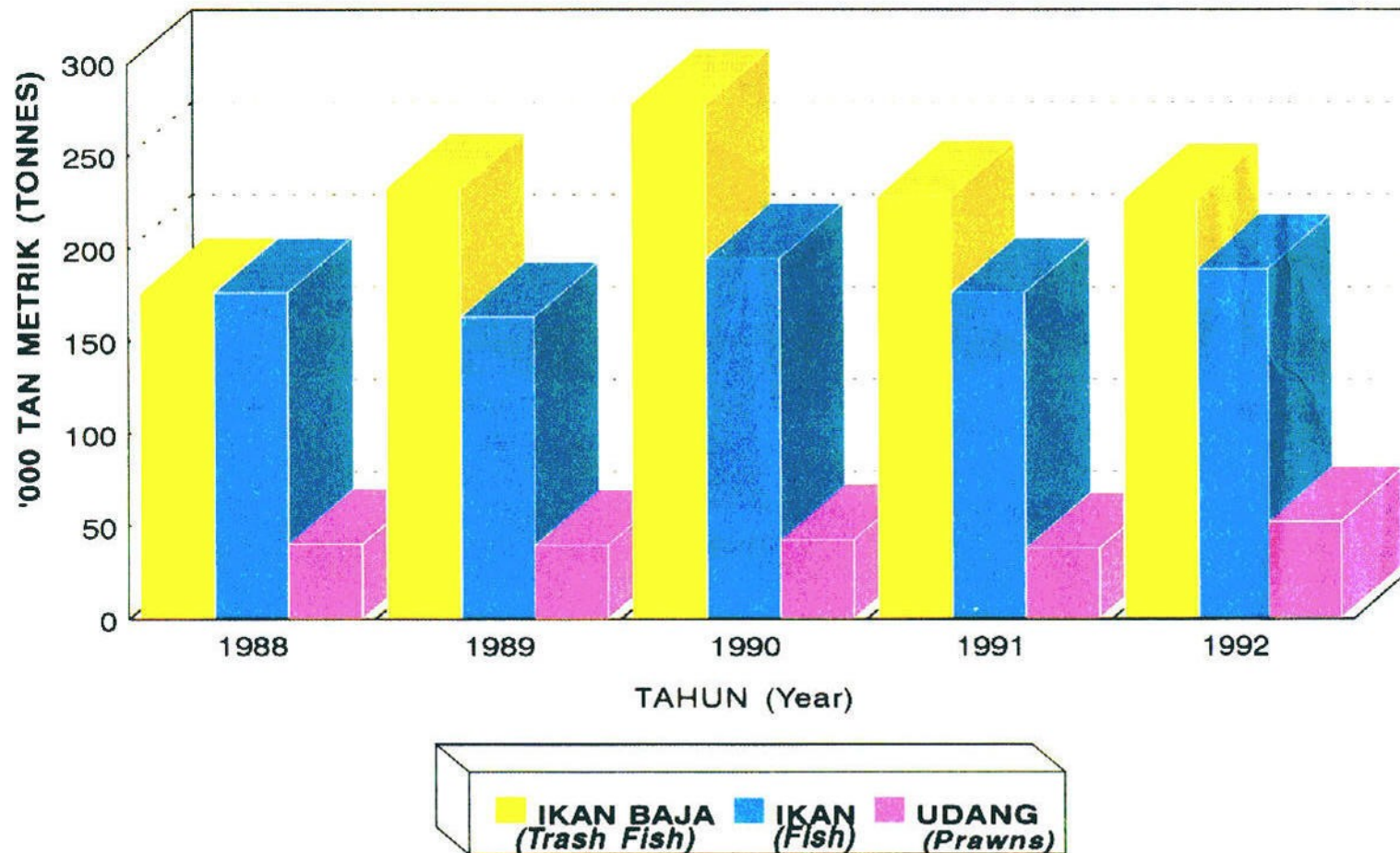
PENDARATAN UDANG, 1992

(Prawn Landings, 1992)

CARTA (CHART) V



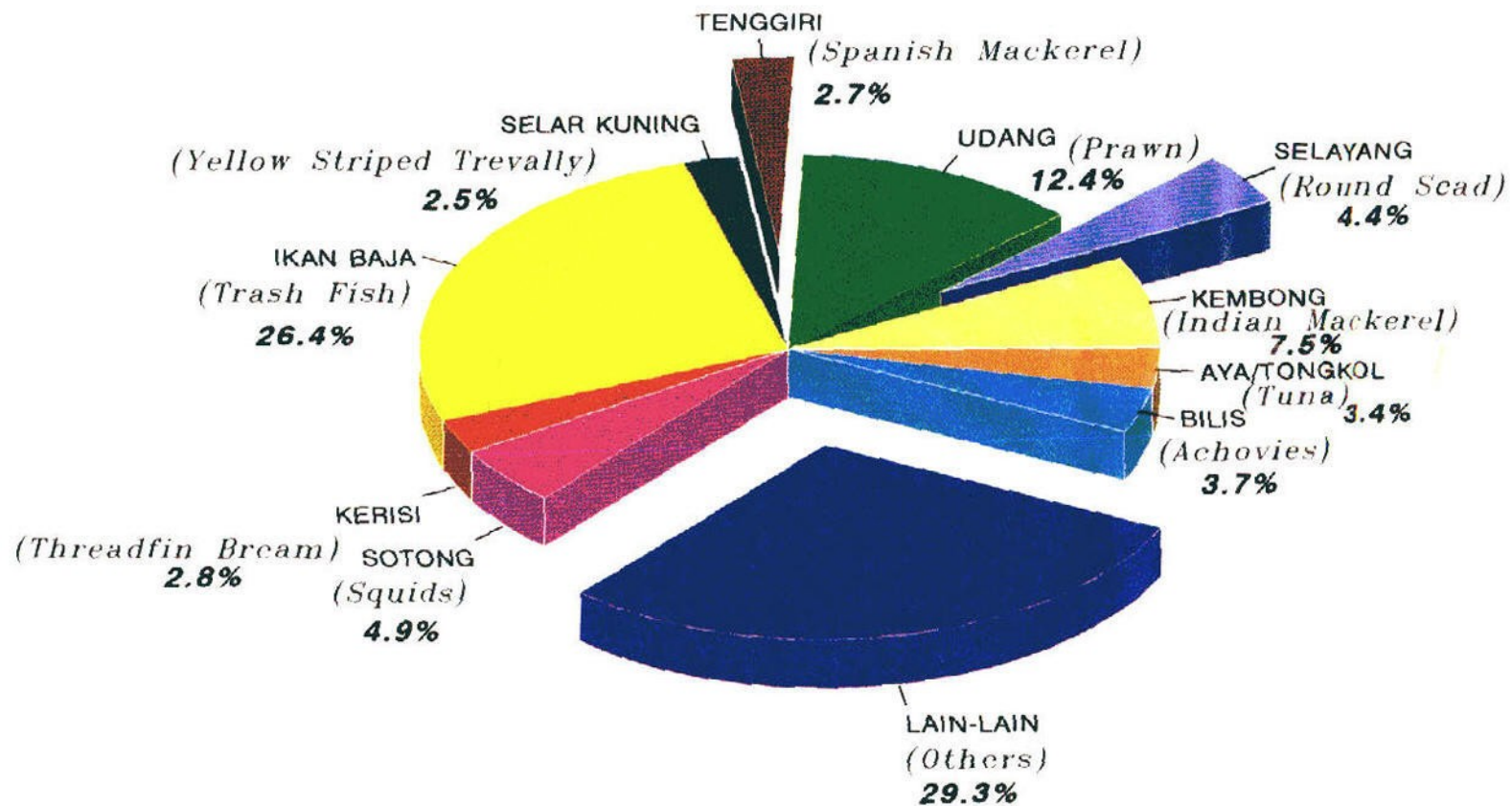
SEMENANJUNG MALAYSIA
(*Peninsular Malaysia*)
PENDARATAN PUKAT TUNDA, 1988-1992
(*Trawl Landings, 1988-1992*)



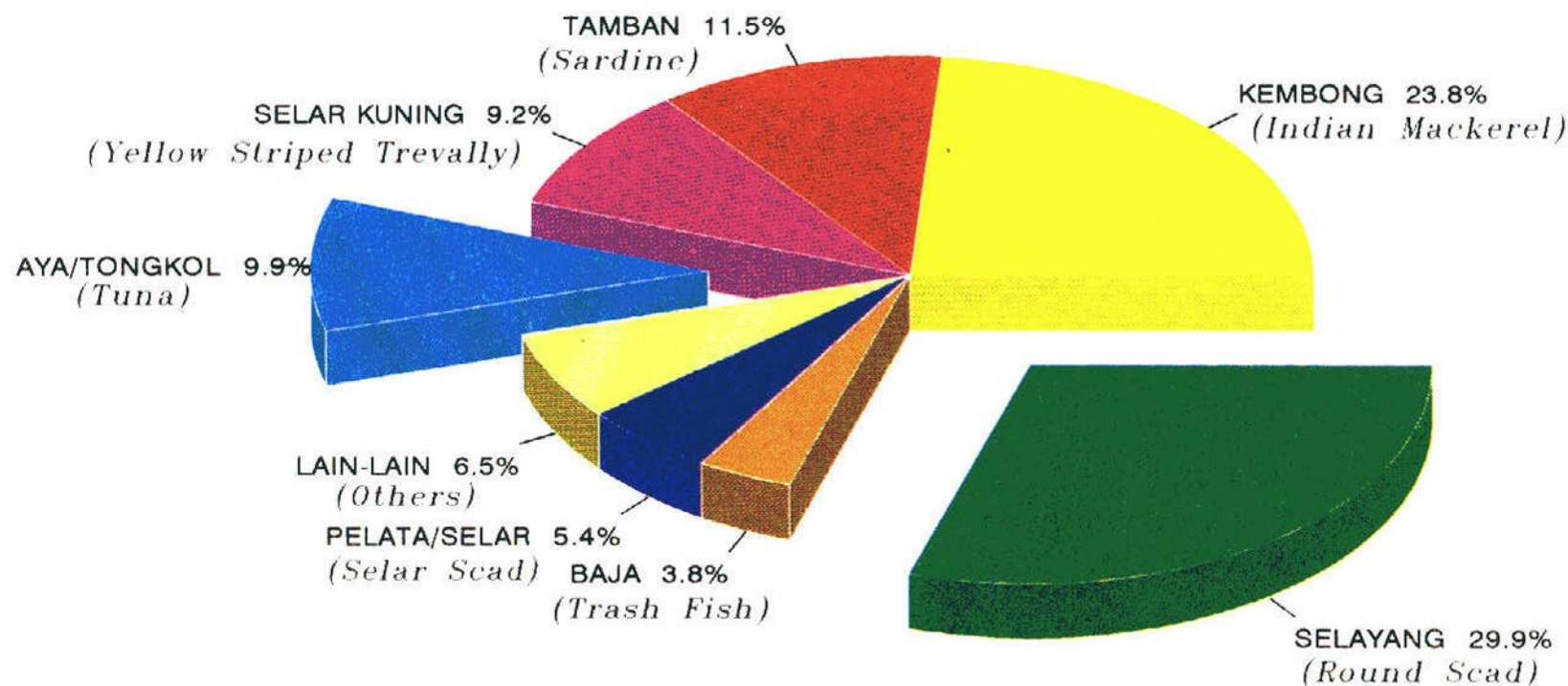
MALAYSIA

PENDARATAN IKAN MENGIKUT SPESIES UTAMA, 1992

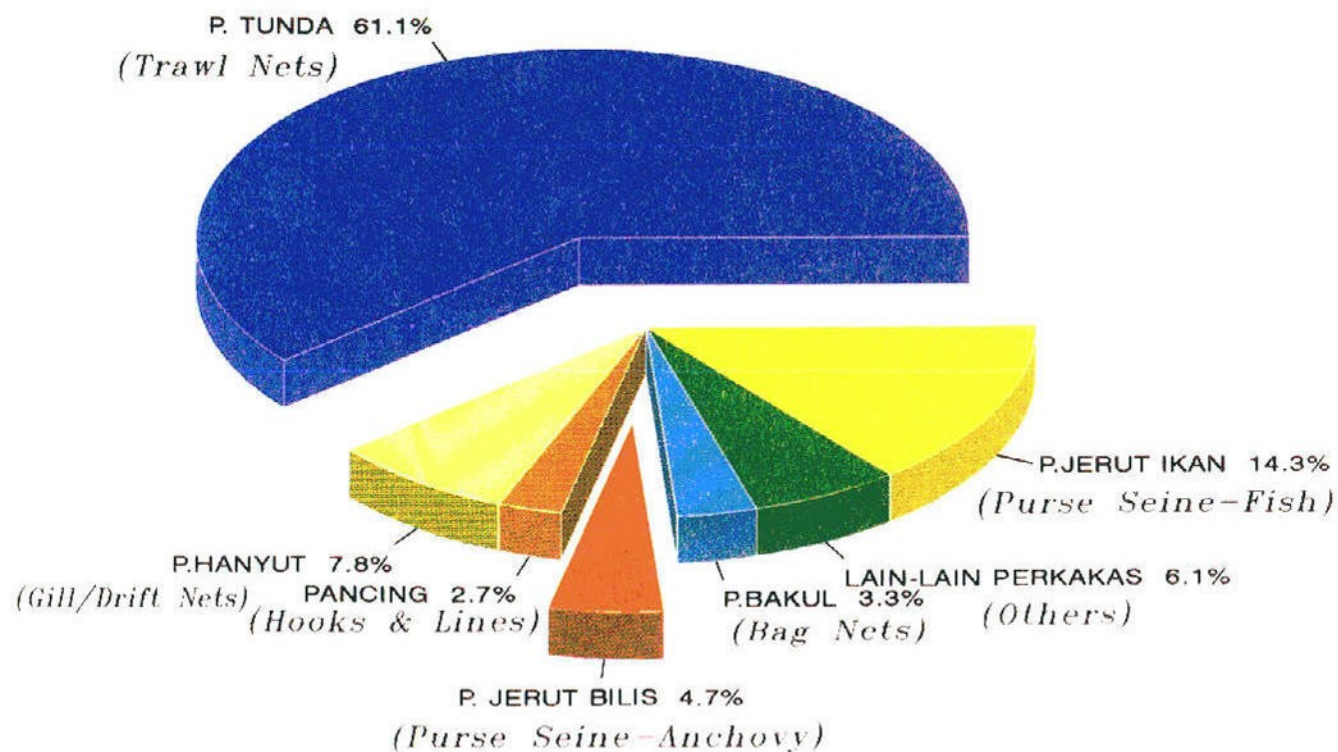
(Landings Of Fish By Main Species, 1992)



SEMENANJUNG MALAYSIA
(Peninsular Malaysia)
PENDARATAN PUKAT JERUT IKAN MENGIKUT SPESIES UTAMA, 1992
(Purse-Seine Fish Landings By Main Species, 1992)



SEMENANJUNG MALAYSIA
(Peninsular Malaysia)
 PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 1992
(Landings Of Marine Fish By Gear Group, 1992)



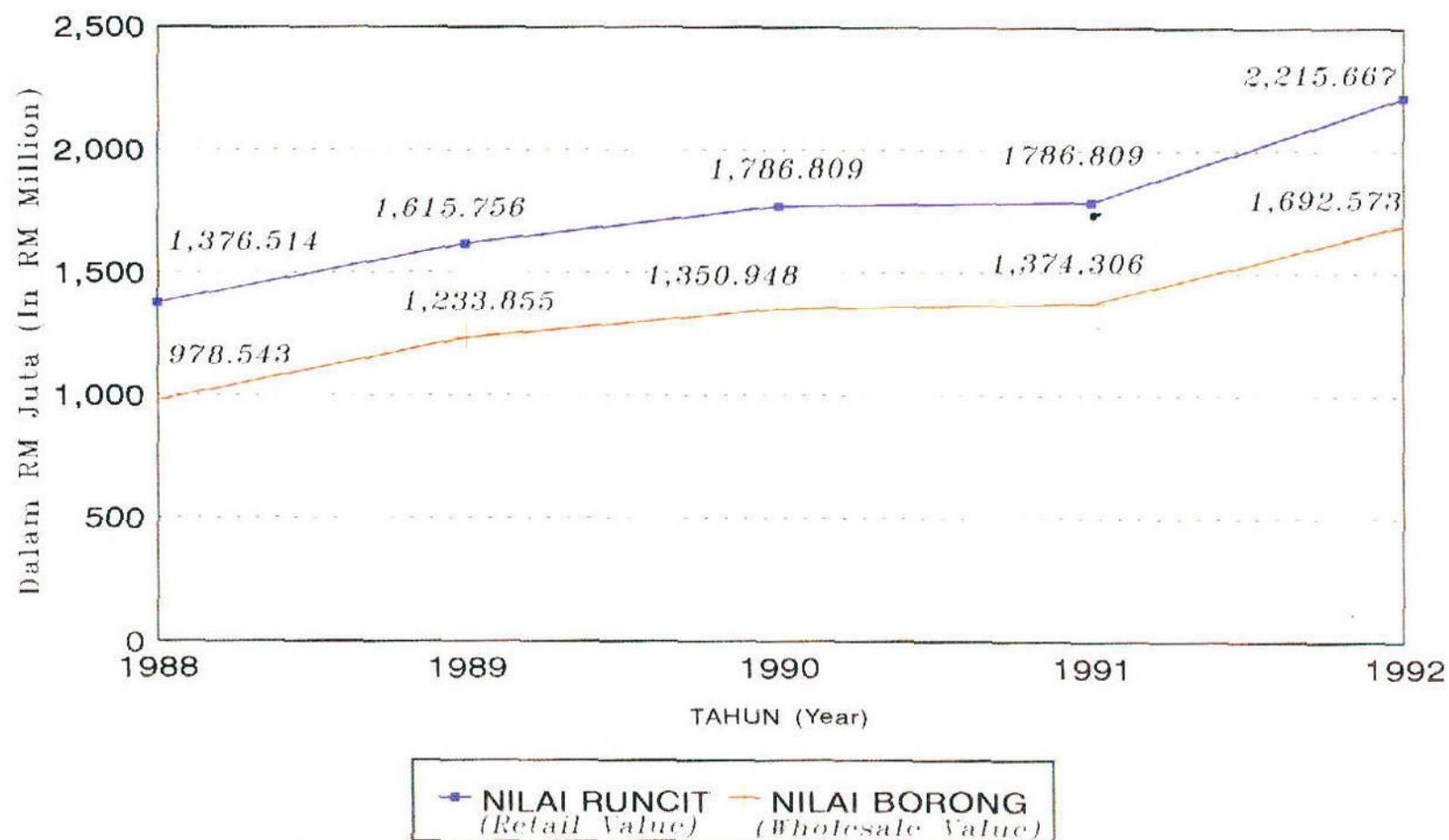
SEMENANJUNG MALAYSIA

(Peninsular Malaysia)

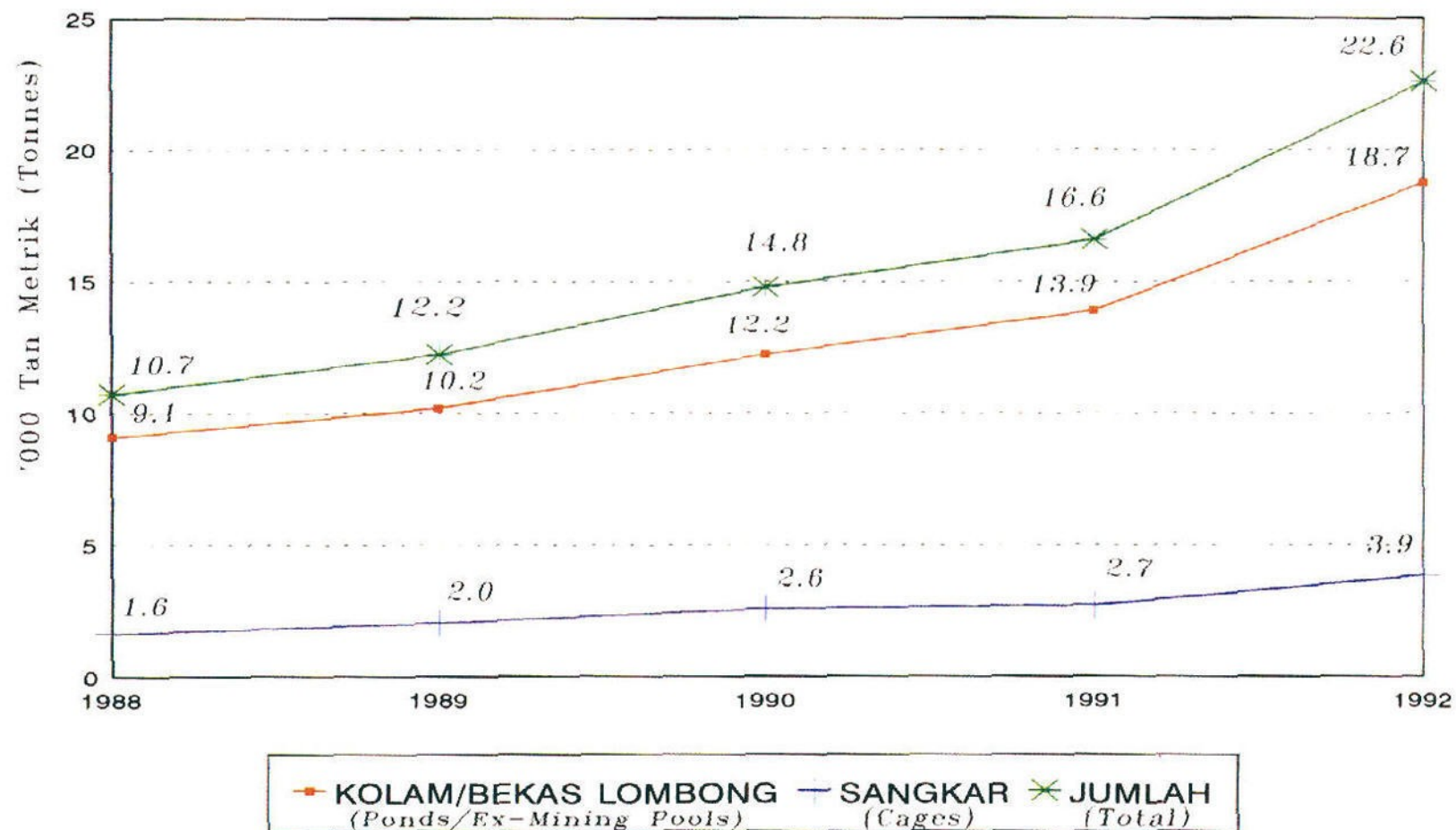
ARAH ALIRAN NILAI PASARAN IKAN LAUT, 1988-1992

(Trend Of Market Values Of Marine Fish, 1988-1992)

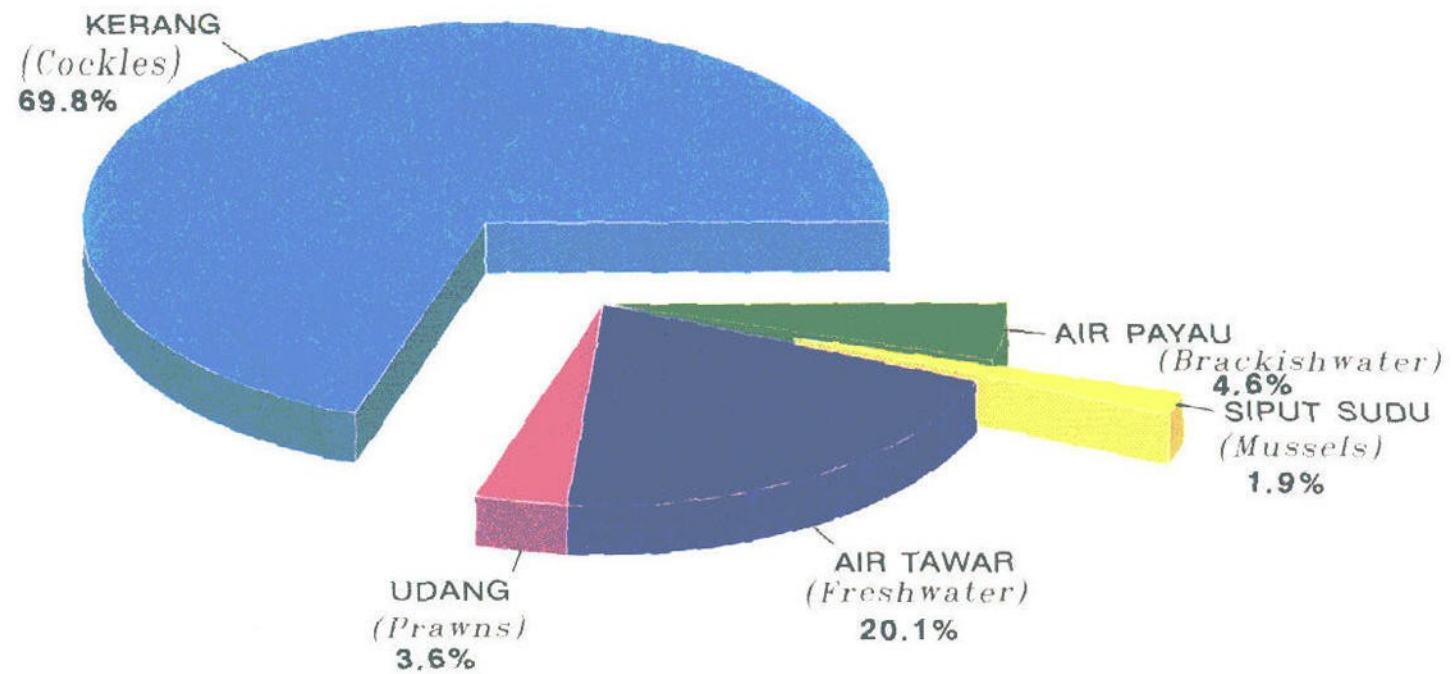
CARTA (CHART) X



MALAYSIA
ARAH ALIRAN PENGELUARAN TERNAKAIR, 1988-1992
(Trend Of Aquaculture Production, 1988-1992)



MALAYSIA
PENGELUARAN TERNAKAIR MENGIKUT JENIS TERNAKAN, 1992
(Production Of Aquaculture By Type Of Culture , 1992)



JADUAL
TABLES

PERIKANAN LAUT
MARINE FISHERIES

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL-VESEL BERLESEN, 1992
NUMBER OF FISHERMEN WORKING IN LICENSED VESSELS, 1992

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 Baru West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore						
Bumiputera Bumiputras	3,073	5,346	1,705	1,775	842	149	970	2,159	16,019	3,507	9,542	3,927	2,453	19,429	6,011	13,674	240	19,925	55,373
Cina Chinese	212	751	2,278	8,241	4,908	245	281	2,044	18,960	7	41	597	1,489	2,134	972	128	33	1,133	22,227
India Indians	0	0	44	284	71	32	0	2	433	0	6	0	1	7	0	0	0	0	440
Portugis Portuguese	0	0	0	0	0	2	67	0	69	0	0	0	0	0	0	0	0	0	69
Thai Thais	1,028	887	0	0	0	0	0	0	1,915	382	265	684	103	1,434	0	0	0	0	3,349
Indonesia Indonesians	0	0	0	0	0	3	1	0	4	0	0	0	0	0	0	0	0	0	4
Lain-Lain Others	0	0	0	0	0	3	0	0	3	0	0	3	0	3	2	3,407	208	3,617	3,623
Jumlah Besar Grand Total	4,313	6,984	4,027	10,300	5,821	434	1,319	4,205	37,403	3,896	9,854	5,211	4,046	23,007	6,985	17,209	481	24,675	85,085

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DI ATAS VESEL-VESEL BERLESEN MENGIKUT KUMPULAN PERKAKAS DAN NEGERI, 1992
NUMBER OF FISHERMEN WORKING IN LICENSED VESSELS BY GEAR GROUP AND STATE, 1992

JADUAL (TABLE) 1.2

Negeri State	Perlis	Kedah	Pulau Pinang	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 Federal Territory	Jumlah Kecil Sub- Total	Jumlah Besar Grand Total
Pukat Tunda Trawl Nets	809	1,926	363	3,742	1,774	0	0	848	597	1,218	1,434	1,350	14,061	2,560	4,625	0	7,185	21,246
Pukat Tarik/Seine Nets:																		
Pukat Jerut Ikan Purse Seine-Fish	2,671	312	390	640	158	0	0	0	1,328	3,502	1,916	862	11,779	298	1,364	89	1,751	13,530
Pukat Jerut Bilis Purse Seine-Anchovy	0	1,672	0	280	0	0	0	0	35	345	259	0	2,591	0	88	0	88	2,679
Lain-Lain Other Seines	1	63	539	1,304	27	4	11	16	94	53	9	3	2,124	0	201	0	201	2,325
Pukat Hanyut Gill/Drift Nets	794	2,780	2,511	3,291	3,024	369	1,174	2,903	1,150	1,424	565	1,440	21,425	3,070	5,259	149	8,478	29,903
Pukat Tangguk Lift Nets	6	46	0	0	0	0	0	1	95	174	86	5	413	0	854	28	882	1,295
Perangkap/Traps:																		
Belat-Belat Stationary	0	2	1	0	1	0	4	47	0	0	0	5	60	45	244	22	311	371
Bubu Portable	4	6	26	170	8	29	0	120	56	545	354	46	1,364	14	245	31	290	1,654
Pancing Hooks & Lines	28	47	75	307	160	22	119	70	541	2,494	548	295	4,706	192	2,912	162	3,266	7,972
Pukat Bakul Bag Nets	0	42	90	156	365	0	0	105	0	0	0	14	772	486	0	0	486	1,258
Pukat Surung Push/Scoop Nets	0	0	5	4	0	0	0	17	0	0	0	0	26	219	0	0	219	245
Pukat Rentang Barrier Nets	0	34	0	0	46	0	8	46	0	0	0	7	141	98	110	0	208	349
Memungut Siput Shellfish Collection	0	0	0	184	7	0	0	32	0	0	0	0	223	0	207	0	207	430
Pembawa Ikan Fish Carriers	0	52	0	84	193	0	0	0	0	99	24	2	454	0	0	0	0	454
Rampaian Miscellaneous	0	2	27	138	58	10	3	0	0	0	16	17	271	3	1,100	0	1,103	1,374
Jumlah/Total	4,313	6,984	4,027	10,300	5,821	434	1,319	4,205	3,896	9,854	5,211	4,046	60,410	6,985	17,209	481	24,675	85,085

JADUAL (TABLE) 1.3

MALAYSIA
BILANGAN NELAYAN YANG BEKERJA DIATAS VESEL YANG DILESENKAN
MENGIKUT DAERAH-DAERAH PERIKANAN, 1992
NUMBER OF FISHERMEN WORKING IN LICENSED FISHING VESSELS
BY FISHERIES DISTRICTS, 1992

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>
SEMENANJUNG MALAYSIA <i>PENINSULAR MALAYSIA</i>					
1) Kuala Perlis	3,073	212	0	1,028	4,313
2) Langkawi	1,108	17	0	832	1,957
3) Kedah Utara	2,170	622		0	2,792
4) Kedah Selatan	2,068	112	0	55	2,235
5) Timur Laut/P.Pinang	278	374	12	0	664
6) Barat Daya/P.Pinang	410	792	3	0	1,205
7) Seberang Prai Utara	586	176	6	0	768
8) Seberang Prai Tengah	142	73	0	0	215
9) Seberang Prai Selatan	289	863	23	0	1,175
10) Krian	414	2,107	4	0	2,525
11) Larut & Matang	271	2,147	4	0	2,422
12) Manjong	893	2,164	271	0	3,328
13) Hilir Perak	197	1,823	5	0	2,025
14) Selangor Utara	224	1,711	3	0	1,938
15) Selangor Tengah	191	940	7	0	1,138
16) Pelabuhan Klang I	0	1,175	2	0	1,177
17) Pelabuhan Klang II	201	664	7	0	872
18) Selangor Selatan	226	418	52	0	696
19) Port Dickson	149	245	32	8	434
20) Melaka	970	281	0	68	1,319
21) Muar	539	349	1	0	889
22) Batu Pahat	318	552	0	0	870
23) Pontian	525	936	0	0	1,461
24) Johor Bahru	777	207	1	0	985
25) Pengerang (Kota Tinggi)	438	365	1	0	804
26) Sedeli	668	339	0	91	1,098
27) Mersing	1,347	785	0	12	2,144
28) Kuantan	2,241	315	0	687	3,243
29) Pekan	1,053	66	0	0	1,119
30) Kuala Rompin	633	216	0	0	849
31) Kemaman	1,570	0	0	25	1,595
32) Dungun	1,244	3	0	5	1,252
33) Marang	1,026	0	6	0	1,032
34) Kuala Terengganu Utara	1,125	5	0	0	1,130
35) Kuala Terengganu Selatan	1,734	18	0	104	1,856
36) Besut	2,407	0	0	131	2,538
37) Setiu	436	15	0	0	451
38) Kota Bharu	1,395	0	0	145	1,540
39) Bachok & Pasir Putih	1,014	0	0	224	1,238
40) Tumpat	1,098	7	0	13	1,118
Jumlah Kecil <i>Sub-Total</i>	35,448	21,094	440	3,428	60,410

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

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>
SARAWAK					
1) B. Kuching	1,194	365	0	1	1,560
2) Santubong	225	31	0	0	256
3) Pendam (Sadong Jaya)	301	11	0	1	313
4) Sematan	89	16	0	0	105
5) Batang Lupar	338	24	0	0	362
6) Saribas/Kalaka	262	10	0	0	272
7) Sibu/Igan	510	212	0	0	722
8) Sarikei/Bitangor	195	115	0	0	310
9) Mukah/Oya	910	14	0	0	924
10) Belawai	334	11	0	0	345
11) Matu Daro	322	30	0	0	352
12) Bintulu	552	55	0	0	607
13) Miri	608	78	0	0	686
14) Limbang	46	0	0	0	46
15) Lawas	125	0	0	0	125
Jumlah Kecil/Sub-Total	6,011	972	0	2	6,985
SABAH					
1) Tawau	1,087	6	0	145	1,238
2) Semporna	852	0	0	929	1,781
3) Kunak	167	47	0	284	498
4) Lahad Datu	329	0	0	129	458
5) Sandakan	2,121	8	0	1,383	3,512
6) Baluran	1,096	0	0	4	1,100
7) Kudat	1,588	2	0	42	1,632
8) Kota Marudu	1,379	0	0	25	1,404
9) Kota Belut	1,122	0	0	2	1,124
10) Tuaran	511	0	0	0	511
11) Kota Kinablu	1,258	11	0	136	1,405
12) Papar	386	3	0	35	424
13) Beaufort	732	4	0	2	738
14) Kuala Penyu	793	47	0	291	1,131
15) Sipitang	253	0	0	0	253
Jumlah Kecil/Sub-Total	13,674	128	0	3,407	17,209
W.P. LABUAN/LABUAN F.T.					
1) Kg. Bebuloh	64	14	0	0	78
2) Kg. Ranca-Ranca	46	1	0	8	55
3) Kg. Lubok Temiang	20	0	0	2	22
4) Kg. Batu Manikar	7	0	0	0	7
5) Kg. Tg. Aru	12	0	0	0	12
6) Kg. Miri/Lada/Pagar	19	0	0	0	19
7) Kg. Patau-Patau	51	0	0	30	81
8) Lain-Lain Kampong	21	18	0	168	207
Jumlah Kecil/Sub-Total	240	33	0	208	481
Jumlah Besar/Grand Total	55,373	22,227	440	7,045	85,085

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN NELAYAN ASING YANG DILULUSKAN MENGIKUT NEGERI, 1992
NUMBER OF APPROVED FOREIGN FISHERMEN BY STATE, 1992

JADUAL (TABLE) 1.4

Negeri State Keturunan/ Ethnic Group	Pantai Barat/West Coast								Jumlah Kecil Sub- Total	Pantai Timur/East Coast				Jumlah Kecil Sub- Total	Jumlah Besar Grand Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore		
Thai Thais	1,380	699	0	0	0	0	0	0	2,079	525	292	949	145	1,911	3,990
Indonesia Indonesians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lain-Lain Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jumlah Besar Grand Total	1,380	699	0	0	0	0	0	0	2,079	525	292	949	145	1,911	3,990

Nota: Data Rasmi Bagi Negeri Sabah, Sarawak dan W.P. Labuan Tidak Dapat Diperolehi

(Note: Official Data For The States Of Sabah, Sarawak and W.P. Labuan Not Available)

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KELAS MUATAN, 1992
NUMBER OF LICENSED FISHING VESSELS BY STATE AND TONNAGE CLASS, 1992

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	723	0	123	600	137	111	45	67	48	103	57	32
Kedah	2,090	6	818	1,266	417	257	56	68	69	201	129	69
Pulau Pinang/Penang	1,877	35	1,029	813	213	450	3	5	3	97	39	3
Perak	4,657	133	788	3,736	823	1,274	496	527	116	139	285	76
Selangor	2,820	125	432	2,263	96	1,366	252	198	64	172	111	4
Negeri Sembilan	206	16	140	50	6	41	3	0	0	0	0	0
Melaka/Malacca	795	56	525	214	10	204	0	0	0	0	0	0
Johor Barat/West Johore	2,709	184	1,498	1,027	162	550	79	183	44	9	0	0
Jumlah/Total	15,877	555	5,353	9,969	1,864	4,253	934	1,048	344	721	621	184
Pantai Timur/East Coast:												
Kelantan	1,115	2	213	900	364	133	165	97	21	56	33	31
Terengganu	2,313	21	52	2,240	369	706	481	363	99	107	57	58
Pahang	1,096	13	115	968	86	336	184	42	30	82	94	114
Johor Timur/East Johore	1,453	41	490	922	116	278	130	32	8	122	168	68
Jumlah/Total	5,977	77	870	5,030	935	1,453	960	534	158	367	352	271
Malaysia:												
Semenanjung Malaysia/ Peninsular Malaysia	21,854	632	6,223	14,999	2,799	5,706	1,894	1,582	502	1,088	973	455
Sarawak	2,737	15	675	2,047	423	581	403	137	126	110	134	133
Sabah	7,797	1,619	3,835	2,343	405	721	490	249	185	238	45	10
W. Persekutuan Labuan/ Labuan, F.Territory	162	1	146	15	0	1	0	0	2	3	4	5
Jumlah/Total	32,550	2,267	10,879	19,404	3,627	7,009	2,787	1,968	815	1,439	1,156	603

Nota/Note: GRT - Gross Relative Tonnage

JADUAL (TABLE) 2.2

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT NEGERI DAN KUASA KUDA, 1992
NUMBER OF LICENSED FISHING VESSELS BY STATE AND HORSEPOWER, 1992

Negeri/ State Kuala Lumpur/ 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	33	3	13	4	0	1	8	63	45	66	6	2	119	143	53	0	196	378
5 - 9 k.k. (h.p.)	32	132	22	74	9	0	20	71	360	266	157	20	14	457	213	150	0	363	1,180
10 - 19 "	107	275	113	271	211	15	123	179	1,294	104	482	144	177	907	449	150	1	600	2,801
20 - 39 "	120	220	145	452	1,015	28	69	326	2,375	295	957	442	279	1,973	610	350	0	960	5,308
40 - 59 "	56	58	241	1,900	33	3	0	54	2,345	24	158	20	24	226	145	600	0	745	3,316
60 - 99 "	22	29	143	266	50	4	0	110	624	16	168	19	37	240	168	250	5	423	1,287
100 - 149 "	35	64	7	83	290	0	0	86	565	36	69	16	29	150	57	250	0	307	1,022
150 - 249 "	170	260	111	298	310	0	0	154	1,303	52	91	59	100	302	147	450	4	601	2,206
250 k.k. ke atas (250 h.p. & above)	57	195	28	379	341	0	1	39	1,040	62	92	242	260	656	115	90	5	210	1,906
Jumlah Kecil Sub-Total	600	1,266	813	3,736	2,263	50	214	1,027	9,969	900	2,240	968	922	5,030	2,047	2,343	15	4,405	19,404
Enjin Sangkut/ Outboard-Powered																			
Kurang dari 5 k.k. (Under 5 h.p.)	18	159	323	396	70	40	87	471	1,564	129	19	55	112	315	126	235	0	361	2,240
5 - 9 k.k. (h.p.)	104	587	301	227	217	64	277	615	2,392	82	16	51	215	364	116	404	13	533	3,289
10 - 19 "	0	63	213	93	79	24	131	256	859	1	12	8	85	106	53	1,552	23	1,628	2,593
20 - 39 "	1	8	187	72	62	11	28	128	497	1	4	1	66	72	186	1,310	44	1,540	2,109
40 - 59 "	0	1	5	0	4	1	2	28	41	0	1	0	12	13	152	241	45	438	492
60 - 99 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	93	20	150	150
100 - 149 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5	5
150 - 249 "	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
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	123	818	1,029	788	432	140	525	1,498	5,353	213	52	115	490	870	675	3,835	146	4,656	10,879
Jumlah Besar Grand Total	723	2,084	1,842	4,524	2,695	190	739	2,525	15,322	1,113	2,292	1,083	1,412	5,900	2,722	6,178	161	9,061	30,283

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN BERLESEN MENGIKUT KUMPULAN PERKAKAS, JENIS DAN KELAS MUATAN, 1992
NUMBER OF LICENSED FISHING VESSELS BY GEAR GROUP, TYPE AND TONNAGE CLASS, 1992

JADUAL (TABLE) 2.3

Jenis & Kelas Muatan/ Type & 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	6,486	0	1	4,308	26	202	756	1,087	384	917	679	257	599	1,578	0
Pukat Tarik/Seine Nets:															
Pukat Jerut Ikan Purse Seine-Fish	818	0	0	627	0	6	22	44	30	124	270	131	26	157	8
Pukat Jerut Bilis Purse Seine-Anchovy	151	0	0	146	0	10	34	18	7	3	18	56	0	5	0
Lain-Lain/Other Seines	971	24	190	691	164	513	8	3	2	1	0	0	0	66	0
Pukat Hanyut Gill/Drift Nets	17,079	376	5,227	6,474	1,902	3,812	560	157	23	17	1	2	1,616	3,317	69
Pukat Tangguk/Lift Nets	377	1	25	98	16	40	35	6	1	0	0	0	0	243	10
Perangkap/Traps:															
Belat-Belat (Stationary)	213	2	31	3	2	1	0	0	0	0	0	0	15	152	10
Bubu (Portable)	626	9	88	373	25	145	114	55	25	9	0	0	1	141	14
Pancing/Hooks & Lines	3,532	45	348	1,679	370	713	347	211	27	10	0	1	56	1,353	51
Pukat Bakul/Bag Nets	754	8	86	343	163	180	0	0	0	0	0	0	317	0	0
Pukat Surung Push/Scoop Nets	52	2	21	2	2	0	0	0	0	0	0	0	27	0	0
Pukat Rentang Barrier Nets	219	12	51	16	0	13	3	0	0	0	0	0	77	63	0
Memungut Siput Shellfish Collection	362	16	33	131	109	22	0	0	0	0	0	0	0	182	0
Pembawa Ikan Fish Carriers	191	96	13	79	12	35	13	0	3	4	4	8	3	0	0
Rampaiian/Miscellaneous	719	41	109	29	8	14	2	1	0	3	1	0	0	540	0
Jumlah/Total	32,550	632	6,223	14,999	2,799	5,706	1,894	1,582	502	1,088	973	455	2,737	7,797	162

Nota/Note: GRT - Gross Relative Tonnage

JADUAL (TABLE) 2.4

MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN MENGIKUT
DAERAH-DAERAH PERIKANAN, 1992
NUMBER OF LICENSED FISHING VESSELS BY FISHERIES DISTRICTS, 1992

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	600	123	0	723
2) Langkawi	242	262	1	505
3) Kedah Utara	757	147	1	905
4) Kedah Selatan	267	409	4	680
5) Timur Laut/P.Pinang	84	232	5	321
6) Barat Daya/P.Pinang	200	427	8	635
7) Seberang Prai Utara	216	114	16	346
8) Seberang Prai Tengah	25	125	3	153
9) Seberang Prai Selatan	288	131	3	422
10) Krian	1,057	205	37	1,299
11) Larut & Matang	1,127	141	24	1,292
12) Manjong	881	326	48	1,255
13) Hilir Perak	671	116	24	811
14) Selangor Utara	662	107	8	777
15) Selangor Tengah	569	37	23	629
16) Pelabuhan Klang I	548	4	2	554
17) Pelabuhan Klang II	238	174	85	497
18) Selangor Selatan	246	110	7	363
19) Port Dickson	50	140	16	206
20) Melaka	214	525	56	795
21) Muar	215	271	59	545
22) Batu Pahat	314	126	20	460
23) Pontian	485	321	28	834
24) Johor Bahru	13	780	77	870
25) Pengerang (Kota Tinggi)	122	462	38	622
26) Sedeli	283	22	2	307
27) Mersing	517	6	1	524
28) Kuantan	429	56	12	497
29) Pekan	354	42	1	397
30) Kuala Rompin	185	17	0	202
31) Kemaman	472	5	5	482
32) Dungun	367	2	4	373
33) Marang	235	4	3	242
34) Kuala Terengganu Utara	297	38	5	340
35) Kuala Terengganu Selatan	377	3	1	381
36) Besut	366	0	2	368
37) Setiu	126	0	1	127
38) Kota Bharu	211	119	1	331
39) Bachok & Pasir Putih	347	28	1	376
40) Tumpat	342	66	0	408
Jumlah Kecil <i>Sub-Total</i>	14,999	6,223	632	21,854

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	334	3	6	343
2) Santubong	112	17	2	131
3) Pendam (Sadong Jaya)	197	47	0	244
4) Sematan	25	25	0	50
5) Batang Lupar	205	14	0	219
6) Saribas/Kalaka	193	4	0	197
7) Sibu/Igan	165	21	0	186
8) Sarikei/Bitangor	97	26	0	123
9) Mukah/Oya	139	128	3	270
10) Belawai	149	23	0	172
11) Matu Daro	180	52	3	235
12) Bintulu	107	56	0	163
13) Miri	144	124	1	269
14) Limbang	0	46	0	46
15) Lawas	0	89	0	89
Jumlah Kecil/Sub-Total	2,047	675	15	2,737
SABAH				
1) Tawau	148	224	267	639
2) Semporna	125	357	7	489
3) Kunak	40	62	11	113
4) Lahad Datu	89	42	118	249
5) Sandakan	885	233	367	1,485
6) Baluran	199	397	115	711
7) Kudat	326	236	95	657
8) Kota Marudu	93	379	143	615
9) Kota Belut	80	293	284	657
10) Tuaran	0	148	0	148
11) Kota Kinabalu	202	321	7	530
12) Papar	0	190	11	201
13) Beaufort	73	567	0	640
14) Kuala Penyu	83	193	183	459
15) Sipitang	0	193	11	204
Jumlah Kecil/Sub-Total	2,343	3,835	1,619	7,797
WIL. PER. LABUAN/LABUAN F.T.				
1) Kg. Bebuloh	0	38	1	39
2) Kg. Ranca-Ranca	0	25	0	25
3) Kg. Lubok Temiang	0	10	0	10
4) Kg. Batu Manikar	0	3	0	3
5) Kg. Tg. Aru	0	7	0	7
6) Kg. Miri/Lada/Pagar	0	9	0	9
7) Kg. Patau-Patau	0	32	0	32
8) Lain-Lain Kampong	15	22	0	37
Jumlah Kecil/Sub-Total	15	146	1	162
Jumlah Besar/Grand Total	19,404	10,879	2,267	32,550

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN VESEL MENANGKAP IKAN YANG DILESENKAN DAN BILANGAN
NELAYAN YANG BEKERJA DI VESEL-VESEL BERLESEN, 1972 - 1992
NUMBER OF FISHING VESSELS LICENSED AND NUMBER OF FISHERMEN
OPERATING LICENSED VESSELS, 1972 - 1992

JADUAL (TABLE) 2.5

Bilangan Vesel Menangkap Ikan Yang Dilesenkan Number Of Fishing Vessels Licensed					Bilangan Nelayan Number of Fishermen				
Tahun Year	Berjentera Dalam Inboard	Berjentera Sangkut Outboard	Tidak Berjentera Non- Powered	Jumlah Total	Melayu Malays	Cina Chinese	India Indians	Lain-Lain Others	Jumlah Total
1972	14,945	2,009	4,665	21,619	38,589	29,892	310	461	69,252
1973	15,596	2,004	4,567	22,167	38,048	29,192	342	726	68,308
1974	16,205	2,100	4,072	22,377	38,973	30,619	424	789	70,805
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

MALAYSIA
BILANGAN PERKAKAS YANG DILESENKAN MENGIKUT NEGERI, 1992
NUMBER OF LICENSED FISHING GEARS BY STATE, 1992

JADUAL (TABLE) 3.1

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 Bekul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/ Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscell- aneous	Jumlah Total
Negeri State		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	219	113	0	1	376	3	0	1	10	0	0	0	0	0	723
Kedah	514	17	56	27	1,379	22	1	2	21	31	16	0	0	4	2,090
Pulau Pinang/Penang	106	35	0	132	1,465	0	1	10	56	53	0	5	0	14	1,877
Perak	1,500	66	16	645	1,817	0	0	56	171	105	0	3	144	134	4,657
Selangor	655	18	0	11	1,707	0	1	4	97	180	17	0	5	125	2,820
Negeri Sembilan	0	0	0	2	181	0	0	7	11	0	0	0	0	5	206
Melaka/Malacca	0	0	0	8	713	0	2	0	66	0	4	0	0	2	795
Johor Barat/West Johore	300	0	0	13	2,085	1	27	87	58	54	36	17	31	0	2,709
Jumlah Kecil/Sub-Total	3,294	249	72	839	9,723	26	32	167	490	423	73	25	180	284	15,877
Pantai Timur/East Coast:															
Kelantan	97	53	9	48	657	30	0	9	212	0	0	0	0	0	1,115
Terengganu	283	189	48	15	502	43	0	153	1,023	0	0	0	0	57	2,313
Pahang	324	73	17	2	302	23	0	120	212	0	0	0	0	23	1,096
Johor Timur/East Johore	311	63	0	1	893	2	4	21	135	14	6	0	0	3	1,453
Jumlah Kecil/Sub-Total	1,015	378	74	66	2,354	98	4	303	1,582	14	6	0	0	83	5,977
Sarawak	599	26	0	1	1,777	0	28	10	173	352	100	13	0	0	3,079
Sabah	1,043	105	0	0	1,359	213	98	70	590	0	0	0	0	371	3,849
W.P. Labuan	0	8	0	0	69	10	10	14	51	0	0	0	0	0	162
Jumlah Kecil/Sub-Total	1,642	139	0	1	3,205	223	136	94	814	352	100	13	0	371	7,090
Jumlah Besar/Grand Total	5,951	766	146	906	15,282	347	172	564	2,886	789	179	38	180	738	28,944

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN BILANGAN KUMULATIF PERKAKAS MENANGKAP IKAN YANG DIUSAHAKAN MENGIKUT NEGERI, 1992
ESTIMATED CUMULATIVE NUMBER OF FISHING GEARS IN OPERATION BY STATE, 1992

JADUAL (TABLE) 3.2

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	Rampaiian Miscell- aneous	Jumlah Total
		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	5,912	1,020	0	184	5,359	0	0	0	125	0	104	252	96	266	13,318
Kedah	7,435	155	612	723	17,152	0	0	36	1,076	990	279	82	102	1,200	29,842
Pulau Pinang/Penang	1,186	200	0	1,441	19,176	0	0	117	1,161	919	963	300	25	164	25,652
Perak	20,654	529	161	5,844	21,617	0	0	737	2,505	1,622	887	1,759	552	1,948	58,815
Selangor Darul Ehsan	11,291	164	0	240	19,589	0	129	698	2,816	2,846	411	1,084	522	1,225	41,015
Negeri Sembilan	0	0	0	36	2,088	0	0	96	180	0	0	0	0	60	2,460
Melaka/Malacca	0	0	0	60	7,790	0	24	24	1,284	0	48	3,450	107	99	12,886
Johor Barat/West Johore	3,746	0	0	3	19,739	0	170	86	85	94	52	51	0	1,112	25,138
Jumlah/Total:	50,224	2,068	773	8,531	112,510	0	323	1,794	9,232	6,471	2,744	6,978	1,404	6,074	209,126
Pantai Timur/East Coast:															
Kelantan	1,359	461	53	0	2,932	184	1,010	69	1,665	0	0	0	0	1,095	8,828
Terengganu	3,220	1,922	326	0	1,294	462	0	2,621	8,291	0	0	0	0	0	18,136
Pahang Darul Makmur	5,204	514	139	0	2,795	184	0	637	1,841	0	0	0	0	0	11,314
Johor Timur/East Johore	5,402	551	0	0	3,589	70	602	121	1,423	893	0	0	0	454	13,105
Jumlah/Total:	15,185	3,448	518	0	10,610	900	1,612	3,448	13,220	893	0	0	0	1,549	51,383
Jumlah/Total	65,409	5,516	1,291	8,531	123,120	900	1,935	5,242	22,452	7,364	2,744	6,978	1,404	7,623	260,509

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS, 1992
LANDINGS OF MARINE FISH BY STATE AND GEAR GROUP, 1992

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	29,919	20,915	0	150	6,790	0	0	0	34	0	69	28	2,394	374	60,673
Kedah	37,744	3,792	11,625	257	4,300	0	0	30	105	730	110	13	3,821	28	62,555
Pulau Pinang/Penang	19,491	2,899	0	2,886	6,689	0	0	6	178	1,267	276	41	4	15	33,752
Perak	127,923	12,718	16,488	15,008	22,855	0	0	810	731	2,422	399	2,014	271	213	201,852
Selangor Darul Ehsan	68,301	3,636	0	59	4,944	0	366	83	1,415	17,213	891	621	862	336	98,727
Negeri Sembilan	0	0	0	5	324	0	0	46	35	0	0	0	0	3	413
Melaka/Malacca	0	0	0	9	1,782	0	18	17	269	0	7	254	14	8	2,378
Johor Barat/West Johore	8,393	0	0	1	4,291	0	82	135	67	612	19	23	0	22	13,645
Jumlah/Total:	291,771	43,960	28,113	18,375	51,975	0	466	1,127	2,834	22,244	1,771	2,994	7,366	999	473,995
Pantai Timur/East Coast:															
Kelantan	6,832	10,801	117	0	2,098	1,468	122	44	2,486	0	0	0	0	67	24,035
Terengganu	27,661	38,081	5,914	0	1,960	2,547	0	3,869	7,411	0	0	0	0	0	87,443
Pahang Darul Makmur	86,342	8,697	2,269	0	2,571	3,943	0	1,592	6,038	0	0	0	0	0	111,452
Johor Timur/East Johore	56,494	7,848	0	0	1,119	32	149	87	1,701	3,162	0	0	0	15	70,607
Jumlah/Total:	177,329	65,427	8,300	0	7,748	7,990	271	5,592	17,636	3,162	0	0	0	82	293,537
Malaysia:															
Semenanjung Malaysia/ Peninsular Malaysia	469,100	109,387	36,413	18,375	59,723	7,990	737	6,719	20,470	25,406	1,771	2,994	7,366	1,081	767,532
Sarawak	54,034	3,403	0	0	14,797	0	767	148	1,763	5,363	1,239	6,619	71	37	88,241
Sabah	42,256	18,422	1,178	8,257	33,447	19,858	1,764	938	17,364	0	94	0	2,690	1,732	148,000
W.Persekutuan Labuan/ Labuan, Federal Territory	7,005	3,541	0	0	4,261	838	309	129	3,590	0	0	0	0	70	19,743
Jumlah Tan M./Total Tonnes	572,395	134,753	37,591	26,632	112,228	28,686	3,577	7,934	43,187	30,769	3,104	9,613	10,127	2,920	1,023,516

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 1992
LANDINGS OF MARINE FISH BY MONTH AND STATE, 1992
(Kuantiti Dalam Tan Metrik/Quantity In Tonnes)

JADUAL (TABLE) 4.2

Bulan/Month Negeri/State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Tan M. Total Tonnes
Pantai Barat/West Coast:													
Perlis	3,191	7,941	5,455	5,348	3,772	3,722	3,519	1,579	5,769	7,695	6,044	6,638	60,673
Kedah	5,487	7,283	6,582	4,529	5,927	4,632	4,598	5,468	5,020	4,950	4,549	3,530	62,555
Pulau Pinang/Penang	2,622	2,262	3,041	2,452	2,699	2,234	2,431	2,750	5,302	2,869	2,639	2,451	33,752
Perak	15,046	12,390	16,283	14,438	15,978	18,815	14,530	17,658	21,503	18,580	19,057	17,574	201,852
Selangor Darul Ehsan	7,775	7,313	7,229	8,712	8,508	9,175	8,844	8,831	8,326	8,422	7,445	8,147	98,727
Negeri Sembilan	41	37	37	35	37	31	33	32	27	31	36	36	413
Melaka	208	235	231	225	207	212	237	243	170	129	155	126	2,378
Johor Barat/West Johore	516	960	826	960	807	1,179	1,518	1,556	1,919	1,209	606	1,589	13,645
Jumlah Kecil/Sub-Total	34,886	38,421	39,684	36,699	37,935	40,000	35,710	38,117	48,036	43,885	40,531	40,091	473,995
Pantai Timur/East Coast:													
Kelantan	1,079	3,567	1,720	1,617	1,589	1,431	2,296	2,303	3,317	3,526	800	790	24,035
Terengganu	5,427	7,354	6,384	5,467	6,591	4,073	7,424	8,245	14,197	14,184	3,386	4,711	87,443
Pahang Darul Makmur	7,056	6,122	7,557	10,710	11,031	8,965	10,759	11,411	11,378	11,700	7,577	7,186	111,452
Johor Timur/East Johore	3,610	3,964	5,431	4,981	6,141	5,528	6,219	7,286	8,456	8,263	7,169	3,559	70,607
Jumlah Kecil/Sub-Total	17,172	21,007	21,092	22,775	25,352	19,997	26,698	29,245	37,348	37,673	18,932	16,246	293,537
Malaysia:													
Semenanjung Malaysia/Pen. Malaysia	52,058	59,428	60,776	59,474	63,287	59,997	62,408	67,362	85,384	81,558	59,463	56,337	767,532
Sarawak	7,925	10,408	11,164	8,733	8,766	5,426	6,586	7,001	6,288	5,992	4,486	5,466	88,241
Sabah	12,684	11,633	13,320	11,840	11,929	12,254	11,633	11,011	12,758	14,208	12,461	12,269	148,000
W.Persekutuan Labuan/Labuan F.T.	1,676	2,366	2,292	1,879	1,727	1,507	946	949	1,702	1,162	1,610	1,927	19,743
Jumlah Besar (Tan Metrik) Grand Total Tonnes	74,343	83,835	87,552	81,926	85,709	79,184	81,573	86,323	106,132	102,920	78,020	75,999	1,023,516

SEMANAJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1992
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1992
(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>	32,840	36,009	37,679	37,631	39,727	38,279	36,441	39,738	47,385	47,303	38,366	37,702	469,100
P.P. Tarik/Seine Nets: Pukat Jerut Ikan <i>P.Seine-Fish</i>	6,263	10,017	7,907	8,503	9,118	6,675	8,630	8,845	14,308	15,275	7,185	6,661	109,387
Pukat Jerut Bilis <i>P.Seine-Anchovy</i>	1,835	2,521	2,083	1,648	2,696	2,832	3,977	4,914	7,121	3,355	2,571	860	36,413
Lain-Lain <i>Other Seines</i>	1,703	1,145	1,523	1,534	1,375	1,933	1,376	1,558	1,610	1,794	1,463	1,361	18,375
Pukat-Pukat Hanyut <i>Drift/Gill Nets</i>	3,988	4,445	5,825	4,320	4,272	5,079	4,520	5,251	5,365	6,313	4,813	5,532	59,723
Pukat-Pukat Tangguk <i>Lift Nets</i>	299	519	702	639	416	387	1,537	730	1,943	818	0	0	7,990
Perangkap-Perangkap/Traps: Belat-Belat <i>(Stationary)</i>	41	61	101	64	63	81	75	61	51	43	52	44	737
Bubu <i>(Portable)</i>	406	397	686	522	712	388	573	673	1,139	663	305	255	6,719
Pancing <i>Hooks & Lines</i>	2,090	1,722	1,493	1,749	2,142	1,471	1,694	1,674	1,944	2,013	1,504	974	20,470
Pukat-Pukat Bakul <i>Bag Nets</i>	2,008	1,989	1,982	2,202	1,733	1,715	2,380	2,546	3,210	2,455	1,598	1,588	25,406
Pukat-Pukat Rentang <i>Barrier Nets</i>	199	172	182	162	101	114	136	103	130	138	189	145	1,771
Pukat-Pukat Surung <i>Push/Scoop Nets</i>	240	193	209	201	233	224	266	324	313	309	261	221	2,994
Memungut Siput <i>Shellfish Collection</i>	109	201	365	271	668	786	707	774	746	1,045	1,106	588	7,366
Rampaian <i>Miscellaneous</i>	37	37	39	28	31	33	96	171	119	34	50	406	1,081
Jumlah Tan M./Total Tonnes	52,058	59,428	60,776	59,474	63,287	59,997	62,408	67,362	85,384	81,558	59,463	56,337	767,532

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT NEGERI DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY STATE AND SPECIES, 1992
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.4

ISSCAAP GROUP	Species Species	Pantai Barat West Coast								Jumlah Total	Pantai Timur East Coast				Jumlah Total	Sarawak	Sabah	W. P. Labuan	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						
NO.	Nama Tempatan Local Name																			
24	Kebasi/Selangat.	427	676	375	588	191	7	25	146	2,435	3	0	7	36	46	183	146	21	350	2,831
	Puput/B. Mata/Tirok	0	393	226	3,311	1,402	7	25	158	5,522	0	73	239	17	329	1,377	881	61	2,319	8,170
	Terubak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	396	0	0	396	396
25	Siakap	0	2	12	31	5	7	2	2	61	11	0	9	0	20	42	1,605	3	1,650	1,731
31	Lidah	499	1,048	123	240	145	0	0	48	2,103	15	142	89	39	285	142	11	19	172	2,560
	Sebelah	6	78	54	117	29	0	0	0	284	38	207	187	138	570	65	575	133	773	1,627
33	Bayan	0	0	0	0	0	0	0	0	0	1	19	36	22	78	0	233	0	233	311
	Biji Nangka	0	20	425	1,994	53	0	0	31	2,523	240	1,504	324	143	2,211	1	12	140	153	4,887
	Daun Baharu	0	0	0	21	42	4	16	4	87	7	29	6	53	95	25	141	127	293	475
	Delah/Pinang-Pinang	0	0	0	51	0	0	0	0	51	0	49	104	31	184	8	1,366	193	1,567	1,802
	Duri/Pulutan/Utik	316	150	723	1,445	448	19	62	230	3,393	195	1,116	1,278	1,165	3,754	2,758	2,751	267	5,776	12,923
	Dengkis/Debam	0	7	3	160	1	0	0	2	173	30	185	268	82	565	0	626	312	938	1,676
	Gelama/Tengkerong/Selampai	715	1,344	1,807	3,653	2,324	8	40	369	10,260	223	272	471	761	1,727	2,707	1,220	282	4,209	16,196
	Gerut-Gerut	48	60	21	130	145	9	34	9	456	41	35	10	24	110	19	379	185	583	1,149
	Jenahak	32	26	20	245	76	36	74	110	619	2	1	12	450	465	240	2,386	201	2,827	3,911
	Kaci	0	0	1	53	2	5	1	6	68	4	174	181	245	604	45	34	228	307	979
	Kerapu	629	621	140	912	66	7	2	14	2,391	61	654	643	261	1,619	248	4,191	714	5,153	9,163
	Kerisi	828	1,806	398	5,851	356	0	0	1	9,240	1,119	5,863	4,865	3,031	14,878	481	4,070	330	4,881	28,999
	Kerisi Bali	7	6	4	470	1	0	0	0	488	4	52	1,477	51	1,584	225	366	848	1,439	3,511
	Kikak	0	5	0	70	0	0	0	0	84	91	173	93	32	389	59	1,209	165	1,433	1,906
	Malong	246	102	110	171	488	10	82	296	1,505	5	12	134	44	195	1,316	253	1	1,570	3,270
	Merah	16	14	9	535	41	7	16	10	648	128	981	678	848	2,635	1,446	4,227	1,078	6,751	10,034
	Mengkerang/Conar/Ubi-Ubi	419	505	159	2,365	215	0	0	39	3,702	147	519	289	140	1,095	0	989	0	989	5,786
	Remong/Kunyit-Kunyit/Tanda	0	27	7	140	7	0	0	0	181	89	680	962	324	2,055	0	301	365	666	2,902
	Semilang	31	61	71	467	55	1	2	12	700	2	1	63	1	67	49	265	7	321	1,088
	Shrumbu/Lamah	0	0	0	207	0	0	0	0	207	0	24	0	0	24	341	538	18	897	1,128
	Puntang Damar/Bulus	513	107	36	433	57	4	17	0	1,167	11	160	465	88	724	0	22	0	22	1,913
	Pasir-Pasir/Timun-Timun	0	0	0	1	14	0	6	0	21	80	369	459	44	952	0	8	47	55	1,028
34	Alu-Alu/Kacang-Kacang	347	144	93	527	53	2	11	157	1,334	52	223	515	225	1,015	107	1,205	252	1,564	3,913
	Aruan Tasik	81	8	1	42	24	0	0	8	164	46	74	271	56	447	0	0	0	0	611
	Bawal	1,649	436	508	1,091	649	11	22	518	4,884	57	129	91	69	346	2,208	2,072	551	4,831	10,061
	Belanak/Kedera	53	68	176	938	128	3	13	12	1,391	33	0	8	4	45	74	1,604	114	1,792	3,228
	Cermin/Sagai/Cupak	11	14	9	32	44	20	160	37	327	95	585	927	345	1,952	12	5	425	442	2,721

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

	Cincaru	802	528	266	1,082	1,189	14	74	504	4,459	705	613	996	1,189	3,503	1,614	2,087	751	4,452	12,414
	Demudok/Rambai	19	91	64	587	301	0	0	2	1,064	88	134	313	169	704	130	3,561	101	3,792	5,560
	Kurau/Senangin/Senohang	0	36	68	759	152	5	63	46	1,129	26	0	30	11	67	336	2,441	17	2,794	3,990
	Pelata/Selar	659	158	183	1,231	496	7	27	87	2,848	973	4,771	1,696	1,223	8,663	621	2,704	413	3,738	15,249
	Selar Kuning/Lolong	834	183	79	1,384	224	0	0	4	2,708	2,563	6,564	9,081	3,190	21,398	228	546	255	1,029	25,135
	Selayang/Curut	4,614	154	351	1,741	109	0	0	0	6,969	5,649	19,052	1,637	1,873	28,211	118	9,143	204	9,465	44,645
	Pisang-Pisang	184	6	41	1	0	0	0	0	232	0	245	15	0	260	0	217	0	217	709
	Talang	39	135	55	97	26	8	60	29	449	2	0	33	97	132	358	984	289	1,631	2,212
35	Bilis/Bunga Air	0	11,522	0	16,701	0	0	0	37	28,260	140	4,957	1,634	55	6,786	84	3,095	45	3,224	38,270
	Parang-Parang	434	198	127	363	777	58	386	507	2,850	140	165	725	296	1,326	350	138	79	567	4,743
	Tamban	1,682	571	565	1,380	1,010	0	0	313	5,521	1,295	4,868	2,455	2,250	10,868	1,551	5,281	364	7,196	23,585
	Bulan-Bulan	0	0	0	1	0	0	0	0	1	0	0	107	0	107	3	48	0	51	159
36	Aya/Kayu/Tongkol	1,765	811	196	4,126	1,292	0	0	4	8,194	1,671	2,869	2,562	900	8,002	2,109	15,000	1,698	18,807	35,003
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	5	1	83	0	89	0	396	113	509	598
37	Kambang/Temenong/Pelaling	13,172	7,460	4,566	17,130	3,720	0	12	6	46,066	1,272	5,204	4,185	1,840	12,501	3,610	13,337	1,736	18,683	77,250
	Tenggiri	536	323	159	1,552	1,875	70	457	693	5,665	581	1,830	2,627	641	5,679	2,706	12,288	1,439	16,433	27,777
	Timah/Layar/Selayar	641	398	797	4,139	164	0	0	104	6,243	196	229	438	238	1,101	1,365	478	39	1,882	9,226
38	Pari	567	458	192	2,525	1,147	12	185	344	5,430	165	1,159	1,901	1,347	4,572	2,106	1,212	211	3,529	13,531
	Yu	110	59	85	341	134	1	26	13	769	28	731	724	602	2,085	2,271	1,798	317	4,386	7,240
39	Ikan Baja	6,387	18,736	11,635	72,962	38,909	0	0	2,819	151,448	3,393	13,518	47,867	33,067	97,845	12,232	7,422	945	20,599	269,892
	Ikan Campur	1,565	1,078	384	3,654	1,163	22	68	1,450	9,384	1,303	1,887	6,034	1,421	10,645	12,165	6,212	550	18,927	38,956
	Jebong	2	63	122	899	78	0	0	0	1,164	4	53	298	168	523	0	334	38	372	2,059
42	Ketam	978	501	572	897	685	8	18	233	3,892	97	108	391	480	1,076	468	2,742	128	3,338	8,306
45	Udang Karang/Lobak	0	1	2	11	10	0	0	0	24	5	225	323	162	715	12	207	35	254	993
	Udang Putih	382	207	573	1,831	559	21	54	309	3,936	84	47	80	126	337	3,015	9,319	436	12,770	17,043
	Udang Minyak	1	0	361	10,965	11,032	0	0	835	23,194	9	114	49	569	741	79	19	0	98	24,033
	Udang Merah Ros	0	0	7	0	901	0	0	1	909	0	27	18	0	45	21	1,862	0	1,883	2,837
	Udang Kulit Keras	0	0	206	923	1,970	0	0	162	3,261	50	14	695	56	815	1,496	10	0	1,506	5,582
	Udang Harimau	21	74	13	34	2	0	0	0	144	12	28	154	62	256	7	1,642	55	1,704	2,104
	Lain-Lain Jenis Udang	11,178	3,606	2,356	18,673	15,509	20	322	2,534	54,198	105	540	782	3,393	4,820	8,641	4,018	1,980	14,639	73,657
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0	0	985	164	0	1,149	1,149
56	Siput/Kepah/Kupang/Tiram	2,754	3,821	4	273	862	0	16	0	7,730	0	0	0	0	0	71	2,838	0	2,909	10,639
57	Sotong Kereta	193	227	26	19	1	0	0	0	466	0	0	110	15	125	0	248	1	249	840
	Sotong Katak	640	661	421	2,898	2,421	0	0	64	7,105	74	835	2,999	2,581	6,489	176	1,343	241	1,760	15,354
	Sotong Biasa	3,641	2,761	3,589	6,382	1,896	0	0	246	18,515	570	2,350	5,249	3,817	11,986	2,415	1,175	176	3,766	34,267
76	Ubur-Ubur	0		176	0	3,052	0	0	71	3,299	0	0	0	0	0	12,324	0	0	12,324	15,623
	Jumlah Ton M/Total Tonnes	60,673	62,555	33,752	201,852	98,727	413	2,378	13,645	473,995	24,035	87,443	111,452	70,607	293,537	88,241	148,000	19,743	255,984	1,023,516

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1992
(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	193	323	375	175	180	170	170	221	260	253	229	282	2,831
	Puput/B. Mata/Tirok	788	577	811	610	622	612	624	801	649	558	643	875	8,170
	Terubok	5	9	41	56	49	40	54	48	63	18	10	3	396
25	Siakap	146	133	152	162	143	138	137	126	146	163	144	141	1,731
31	Lidah	132	259	247	222	218	175	189	218	211	244	228	217	2,560
33	Sebelah	102	117	135	141	123	131	136	129	163	164	140	146	1,627
	Bayan	22	20	24	27	33	26	26	24	30	31	21	27	311
	Biji Nangka	279	341	315	264	377	455	391	352	819	609	391	294	4,887
	Daun Baharu	31	38	31	40	44	50	39	27	43	58	37	37	475
	Delah/Pinang-Pinang	141	133	149	129	147	137	133	194	169	173	164	133	1,802
	Duri/Pulutan/Utik	877	981	1,158	1,199	1,410	1,123	1,108	1,110	1,135	1,162	881	779	12,923
	Dengkis/Debam	127	122	153	157	182	150	113	127	145	155	127	118	1,676
	Gelama/Tengkerong/Selampai	1,087	1,326	1,646	1,258	1,444	1,202	1,446	1,274	1,412	1,368	1,382	1,351	16,196
	Gerut-Gerut	81	87	104	88	97	87	84	72	114	123	102	110	1,149
	Jenahak	313	252	291	262	258	277	286	273	330	345	749	275	3,911
	Kaci	63	68	72	76	79	78	87	102	109	100	84	61	979
	Kerapu	697	1,007	818	738	750	772	694	662	845	858	705	617	9,163
	Kerisi	1,892	2,247	2,476	2,183	2,355	2,124	2,346	2,500	3,418	3,202	2,192	2,064	28,999
	Kerisi Bali	376	314	319	314	266	335	237	316	336	258	273	167	3,511
	Kikek	131	134	207	116	137	124	127	180	175	200	171	204	1,906
	Malong	178	188	329	359	311	225	184	280	317	229	274	396	3,270
	Merah	686	842	999	903	845	822	786	1,097	819	824	850	561	10,034
	Mengkerong/Conor/Ubi-Ubi	453	665	573	382	456	448	392	478	556	529	433	421	5,786
	Remong/Kunyit-Kunyit/Tanda	175	173	174	226	187	195	221	325	398	311	225	292	2,902
	Semilang	88	105	87	84	78	85	71	100	104	91	105	90	1,088
	Shrumbu/Lemah	109	91	132	120	153	91	84	80	91	61	66	50	1,128
	Puntong Damar/Bulus	105	191	155	129	132	110	124	137	176	244	183	227	1,913
	Pasir-Pasir/Timun-Timun	72	66	125	99	253	47	59	64	97	80	34	32	1,028
	Alu-Alu/Kacang-Kacang	264	416	363	330	306	292	292	302	396	399	285	268	3,913
34	Aruan Tasik	36	54	56	52	49	75	69	48	34	46	46	46	611
	Bawal	684	817	859	861	748	715	679	806	1,055	1,092	827	918	10,061
	Belanak/Kedera	254	260	296	245	244	283	288	267	241	311	271	268	3,228
	Cermin/Sagai/Cupak	241	223	236	207	235	217	237	235	286	293	178	133	2,721

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

	Cincaru	779	992	1,044	939	1,244	1,209	1,222	872	905	1,127	1,023	1,058	12,414
	Demudok/Rambai	432	413	555	461	507	416	405	397	500	572	412	490	5,560
	Kurau/Senangin/Senohong	347	286	355	315	325	326	322	342	371	366	317	318	3,990
	Pelata/Selar	1,208	1,232	1,220	1,287	979	1,062	1,327	1,176	1,623	1,520	1,381	1,234	15,249
	Selar Kuning/Lolong	1,520	1,944	2,249	1,974	2,150	1,664	2,882	2,092	3,373	2,575	1,491	1,221	25,135
	Selayang/Curut	2,764	3,231	2,348	2,995	2,608	2,203	3,363	4,134	6,915	7,851	3,148	3,085	44,645
	Pisang-Pisang	54	108	44	55	27	65	55	111	83	36	26	45	709
	Talang	156	164	197	197	221	200	172	191	192	194	165	163	2,212
35	Bilis/Bunga Air	2,085	2,725	2,353	1,800	2,806	2,964	3,863	4,885	7,252	3,564	2,849	1,124	38,270
	Parang-Parang	372	363	454	399	423	432	425	512	412	380	290	281	4,743
	Tamban	1,042	1,536	2,088	2,224	3,036	1,998	2,266	1,771	2,614	2,376	1,358	1,276	23,585
	Bulan-Bulan	4	5	4	5	14	9	5	4	94	5	5	5	159
36	Aya/Kayu/Tongkol	2,428	3,213	2,792	2,572	3,363	3,706	3,186	2,455	3,262	3,486	2,438	2,102	35,003
	Layaran/Mersuji	45	81	55	65	49	49	34	31	45	59	34	51	598
37	Kembong/Temenong/Pelaling	5,104	7,579	7,563	6,569	6,531	5,933	5,524	5,356	7,140	7,729	6,308	5,914	77,250
	Tenggiri	2,521	2,669	2,187	2,176	2,189	2,164	2,206	2,260	2,749	2,460	1,897	2,299	27,777
	Timah/Layor/Selayor	849	717	1,113	801	851	739	706	668	914	759	605	504	9,226
38	Pari	1,004	990	1,156	1,179	1,332	1,208	1,052	1,158	1,294	1,225	999	934	13,531
	Yu	437	528	632	608	789	635	694	682	690	602	425	518	7,240
39	Ikan Baja	17,687	18,010	20,832	21,432	24,059	23,051	21,066	24,497	25,997	29,266	22,195	21,800	269,892
	Ikan Campur	2,318	3,836	3,471	3,881	3,466	2,884	3,822	3,222	3,646	3,478	2,521	2,411	38,956
	Jebong	173	165	234	190	180	167	150	132	194	193	128	153	2,059
42	Ketam	645	702	766	560	549	662	695	625	729	796	784	793	8,306
45	Udang Karang/Lobok	64	74	72	80	70	76	91	88	96	106	71	105	993
	Udang Putih	1,356	1,499	1,487	1,347	1,404	1,213	1,188	1,234	1,479	1,561	1,480	1,795	17,043
	Udang Minyak	1,758	1,496	1,619	1,991	2,596	2,355	1,682	2,870	2,109	2,000	1,546	2,011	24,033
	Udang Merah Ros	409	165	206	256	219	222	236	209	221	271	217	206	2,837
	Udang Kulit Keras	753	596	525	511	274	248	284	380	464	461	394	692	5,582
	Udang Harimau	179	177	193	160	157	173	149	153	177	203	184	199	2,104
	Lain-Lain Jenis Udang	6,020	7,189	6,510	6,599	5,298	5,040	4,718	5,296	6,483	7,136	6,108	7,260	73,657
	Udang Baring	87	319	293	111	86	26	41	16	99	26	27	18	1,149
56	Siput/Kepah/Kupang/Tiram	355	432	629	502	903	1,028	938	989	994	1,322	1,355	1,192	10,639
57	Sotong Kereta	51	79	99	77	111	58	50	69	64	71	62	49	840
	Sotong Katak	1,409	1,253	1,497	1,151	1,111	1,198	1,203	1,282	1,513	1,366	1,282	1,089	15,354
	Sotong Biasa	3,088	2,922	3,666	3,729	2,761	1,891	2,401	2,172	5,039	2,884	1,859	1,855	34,267
76	Ubur-Ubur	4,012	3,566	3,136	514	110	99	1,237	1,017	1,258	342	186	146	15,623
	Jumlah Tan M/Total Tonnes	74,343	83,835	87,552	81,926	85,709	79,184	81,573	86,323	106,132	102,920	78,020	75,999	1,023,516

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1992
(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	160	294	342	147	150	142	146	196	216	224	206	258	2,481
	Puput/B. Mata/Tirok	664	428	511	333	312	389	451	563	461	419	539	781	5,851
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	5	6	7	11	14	5	3	5	6	8	7	4	81
31	Lidah	95	212	238	210	209	165	185	212	200	238	215	209	2,388
33	Sebelah	41	59	68	81	60	65	78	76	86	90	69	81	854
	Bayan	2	2	3	8	14	7	8	7	10	9	1	7	78
	Biji Nangka	271	336	311	258	366	443	379	339	790	598	373	270	4,734
	Daun Baharu	9	8	7	12	21	29	20	13	22	18	11	12	182
	Delah/Pinang-Pinang	14	3	14	11	26	5	19	85	26	16	16	0	235
	Duri/Pulutan/Utik	475	516	582	538	675	660	637	651	648	764	530	471	7,147
	Dengkis/Debam	47	48	74	78	73	61	44	67	65	77	52	52	738
	Gelama/Tengkerong/Selampai	823	966	1,106	750	1,028	886	1,098	970	1,093	1,034	1,135	1,098	11,987
	Gerut-Gerut	39	45	60	43	50	37	44	33	59	61	42	53	566
	Jenahak	48	44	43	43	38	55	54	60	56	83	504	56	1,084
	Kaci	41	40	48	51	53	53	70	81	85	73	51	26	672
	Kerapu	268	557	356	343	355	336	284	264	369	367	273	238	4,010
	Kerisi	1,507	1,895	2,066	1,799	1,963	1,745	1,933	2,150	2,921	2,722	1,766	1,651	24,118
	Kerisi Bali	243	112	167	211	153	194	153	225	236	146	140	92	2,072
	Kikek	20	28	88	13	27	12	26	76	44	42	23	74	473
	Malong	55	116	146	230	150	155	93	115	143	130	177	190	1,700
	Merah	158	296	349	354	250	231	245	613	251	235	184	117	3,283
	Mengkerong/Conor/Ubi-Ubi	368	587	484	303	376	366	314	404	471	434	350	340	4,797
	Remong/Kunyit-Kunyit/Tanda	133	90	126	177	142	148	182	287	354	269	176	152	2,236
	Semilang	59	58	59	60	57	61	49	78	77	67	77	65	767
	Shrumbu/Lemah	26	15	32	6	33	17	22	14	30	19	11	6	231
	Puntong Damar/Bulus	103	189	154	128	130	108	122	135	174	242	181	225	1,891
	Pasir-Pasir/Timun-Timun	68	63	122	95	248	43	55	60	94	73	26	26	973
	Alu-Alu/Kacang-Kacang	134	296	237	185	165	171	162	203	240	253	153	150	2,349
34	Aruan Tasik	36	54	56	52	49	75	69	48	34	46	46	46	611
	Bawal	275	384	355	330	318	244	242	398	759	791	558	576	5,230
	Belanak/Kedera	101	117	133	92	91	135	154	138	91	141	117	126	1,436
	Cermin/Sagai/Cupak	196	177	200	176	203	177	215	212	232	245	137	109	2,279

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

	Cincaru	409	672	565	559	860	779	833	575	541	731	710	728	7,962
	Demudok/Rambai	110	116	220	157	196	105	105	115	180	205	95	164	1,768
	Kurau/Senangin/Senohong	109	82	98	88	87	89	84	121	118	114	102	104	1,196
	Pelata/Selar	953	969	858	940	691	719	983	917	1,241	1,218	1,073	949	11,511
	Selar Kuning/Lolong	1,438	1,859	2,139	1,867	2,065	1,571	2,820	2,034	3,261	2,493	1,409	1,150	24,106
	Selayang/Curut	1,963	2,482	1,498	2,143	1,845	1,435	2,642	3,452	6,102	6,957	2,343	2,318	35,180
	Pisang-Pisang	35	91	24	38	10	47	38	95	64	15	8	27	492
	Talang	26	37	36	47	62	61	60	46	59	55	47	45	581
35	Bilis/Bunga Air	1,817	2,452	2,046	1,543	2,537	2,696	3,610	4,652	6,981	3,265	2,581	866	35,046
	Parang-Parang	331	303	398	347	365	374	378	459	363	338	263	257	4,176
	Tamban	515	1,027	1,449	1,636	2,440	1,354	1,655	1,188	1,990	1,695	736	704	16,389
	Bulan-Bulan	0	1	0	0	10	5	0	0	90	0	1	1	108
36	Aya/Kayu/Tongkol	928	1,486	897	873	1,573	2,107	1,833	1,060	1,753	1,874	1,064	748	16,196
	Layaran/Mersuji	2	23	1	21	4	3	0	2	11	21	1	0	89
37	Kembong/Temenong/Pelaling	3,736	6,189	5,872	5,038	4,839	4,416	3,968	3,871	5,424	5,979	4,699	4,536	58,567
	Tenggiri	1,290	1,119	725	804	835	802	975	1,091	1,340	1,042	742	579	11,344
	Timah/Layor/Selayor	741	621	909	439	628	554	527	758	601	515	398	398	7,344
38	Pari	792	724	779	782	966	977	781	842	953	971	750	685	10,002
	Yu	153	208	182	182	256	303	352	310	309	244	130	225	2,854
39	Ikan Baja	16,868	16,949	19,246	20,236	21,499	21,584	19,174	22,253	24,250	26,805	20,536	19,893	249,293
	Ikan Campur	1,371	2,200	1,508	1,604	1,590	1,385	1,999	1,684	2,040	2,031	1,376	1,241	20,029
	Jebong	138	131	201	160	150	137	124	106	164	158	96	122	1,687
42	Ketam	371	422	469	304	285	378	420	364	457	487	497	514	4,968
45	Udang Karang/Lobok	45	56	53	51	47	52	72	70	77	84	52	80	739
	Udang Putih	308	323	379	272	305	281	304	338	437	379	399	548	4,273
	Udang Minyak	1,677	1,495	1,617	1,989	2,595	2,353	1,681	2,869	2,107	1,999	1,544	2,009	23,935
	Udang Merah Ros	231	19	38	107	68	68	89	71	60	90	61	52	954
	Udang Kulit Keras	561	343	369	388	200	194	221	293	275	377	308	547	4,076
	Udang Harimau	34	43	38	24	19	30	16	26	32	41	38	59	400
	Lain-Lain Jenis Udang	4,317	5,029	4,736	5,206	4,168	4,209	3,968	4,517	5,656	6,275	5,133	5,804	59,018
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	109	201	365	271	668	786	707	774	748	1,045	1,106	950	7,730
57	Sotong Kereta	29	60	77	55	91	38	31	51	43	47	41	28	591
	Sotong Katak	1,279	1,115	1,327	1,014	976	1,048	1,064	1,155	1,345	1,204	1,141	926	13,594
	Sotong Biasa	2,867	2,416	3,113	3,161	2,481	1,717	2,144	1,947	4,795	2,634	1,711	1,515	30,501
76	Ubur-Ubur	21	124	0	0	77	21	1,167	709	1,017	150	9	4	3,299
	Jumlah Tan M/Total Tonnes	52,058	59,428	60,776	59,474	63,287	59,997	62,408	67,362	85,384	81,558	59,463	56,337	767,532

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1992
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.5.2.

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i> Nama Tempatan <i>Local Name</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)
24	Kebasi/Selangat	155	292	341	146	146	137	146	196	216	224	183	253	2,435
	Puput/B. Mata/Tirok	596	397	487	331	298	371	444	554	440	368	527	709	5,522
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	4	4	5	5	13	3	3	3	5	7	6	3	61
31	Lidah	81	192	224	189	202	154	155	186	172	206	184	158	2,103
	Sebelah	21	18	24	43	22	17	21	19	23	24	26	26	284
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	191	180	168	164	198	262	177	121	350	266	281	165	2,523
	Daun Baharu	6	3	4	5	4	23	9	4	12	10	4	3	87
	Delah/Pinang-Pinang	0	0	2	0	0	0	1	30	11	6	1	0	51
	Duri/Pulutan/Utik	337	197	267	212	295	302	234	246	319	369	318	297	3,393
	Dengkis/Debam	13	14	26	19	22	17	7	14	16	10	8	7	173
	Gelama/Tengkerong/Selampai	727	866	993	659	831	776	986	738	929	836	966	953	10,260
	Gerut-Gerut	35	33	48	37	43	32	36	25	42	54	33	38	456
	Jenahak	46	39	39	42	37	55	51	56	55	81	62	56	619
	Kaci	10	6	3	4	10	12	2	6	5	3	3	4	68
	Kerapu	174	293	209	171	227	191	133	125	242	235	193	198	2,391
	Kerisi	664	745	696	658	616	739	657	674	1,000	967	871	953	9,240
	Kerisi Bali	24	21	27	17	29	18	26	41	113	59	52	61	488
	Kikek	9	4	3	1	8	2	16	0	0	0	0	41	84
	Malong	51	101	137	204	124	129	84	107	135	118	138	177	1,505
	Merah	57	64	44	148	53	48	34	40	43	37	37	43	648
	Mengkerong/Conor/Ubi-Ubi	318	467	433	247	306	299	238	272	259	277	291	295	3,702
	Remong/Kunyit-Kunyit/Tanda	28	10	16	20	23	12	11	6	11	12	13	19	181
	Semilang	58	57	56	52	49	56	45	71	67	61	68	60	700
	Shrumbu/Lemah	26	14	32	5	32	17	21	11	20	13	11	5	207
	Puntong Damar/Bulus	69	161	110	60	75	53	81	72	121	147	112	106	1,167
	Pasir-Pasir/Timun-Timun	2	1	1	2	1	1	1	0	1	1	5	5	21
34	Alu-Alu/Kacang-Kacang	80	202	97	81	92	97	81	98	144	162	95	105	1,334
	Arvan Tasik	14	27	10	5	9	10	15	13	6	10	12	33	164
	Bawal	257	330	305	315	277	234	235	368	745	771	526	521	4,884
	Belanak/Kedera	97	110	132	80	90	133	153	137	86	141	111	121	1,391
	Cermin/Sagai/Cupak	32	27	20	25	22	39	31	37	32	19	23	20	327

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

	Cincaru	193	311	276	281	404	573	445	313	288	438	491	446	4,459
	Demudok/Rambai	68	90	127	52	72	61	40	74	133	130	73	144	1,064
	Kurau/Senangin/Senohong	106	77	82	79	76	86	75	117	114	113	100	104	1,129
	Pelata/Selar	146	120	117	257	142	215	279	306	385	349	280	252	2,848
	Selar Kuning/Lolong	126	163	134	323	344	200	182	129	186	255	328	338	2,708
	Selayang/Curut	195	412	336	1158	534	654	405	575	291	456	795	1,158	6,969
	Pisang-Pisang	35	52	2	26	0	34	7	20	17	10	8	21	232
	Talang	25	35	31	30	36	42	38	42	47	38	42	43	449
35	Bilis/Bunga Air	1,814	2,329	1,958	1235	2,035	2,226	2,833	3,475	4,881	2,141	2,465	868	28,260
	Parang-Parang	231	242	289	255	225	237	226	252	232	225	217	219	2,850
	Tamban	245	354	341	500	552	648	279	201	778	566	506	551	5,521
	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	1	1
36	Aya/Kayu/Tongkol	382	543	512	377	725	1,246	972	505	908	859	733	432	8,194
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	2,868	5,206	4,808	4328	3,598	3,614	3,050	2,230	3,630	4,525	4,075	4,134	46,066
	Tenggiri	375	587	434	452	452	462	443	487	480	482	579	432	5,665
	Timah/Layor/Selayor	688	472	812	331	491	571	451	444	691	516	447	329	6,243
38	Pari	551	407	360	426	556	555	320	375	487	554	447	392	5,430
	Yu	46	92	66	63	59	95	50	53	69	67	53	56	769
39	Ikan Baja	11,629	11,391	12,851	11,779	12,880	13,728	10,636	12,848	13,972	13,816	12,899	13,019	151,448
	Ikan Campur	791	795	793	757	860	677	1,102	646	730	776	681	776	9,384
	Jebong	88	104	161	112	109	90	63	74	97	99	66	101	1,164
42	Ketam	312	369	420	252	225	244	277	258	344	392	400	399	3,892
45	Udang Karang/Lobok	1	2	3	2	1	2	2	2	1	4	2	2	24
	Udang Putih	258	297	356	263	299	273	299	329	428	368	354	412	3,936
	Udang Minyak	1,581	1,374	1,519	1,973	2,587	2,349	1,673	2,856	2,084	1,984	1,374	1,840	23,194
	Udang Merah Ros	231	19	38	107	68	67	89	69	60	90	50	21	909
	Udang Kulit Keras	347	207	260	371	179	188	211	274	263	351	241	369	3,261
	Udang Harimau	7	21	22	9	8	6	5	9	11	28	9	9	144
	Lain-Lain Jenis Udang	4,015	4,795	4,546	5,096	4,094	4,111	3,574	3,812	4,875	5,495	4,661	5,124	54,198
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	109	201	367	271	668	786	707	774	748	1,045	1,106	948	7,730
57	Sotong Kereta	24	59	68	50	38	25	29	38	36	38	39	22	466
	Sotong Katak	754	687	795	436	421	517	506	533	616	606	671	563	7,105
	Sotong Biasa	2,442	1,609	1,841	1,101	966	1,158	1,141	1,018	3,517	1,425	1,170	1,127	18,515
76	Ubur-Ubur	21	124	0	0	77	21	1,167	709	1,017	150	9	4	3,299
	Jumlah Tan M/Total Tonnes	34,886	38,421	39,684	36,699	37,935	40,000	35,710	38,117	48,036	43,885	40,531	40,091	473,995

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1992
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.3.

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	5	2	1	1	4	5	0	0	0	0	23	5	46
	Puput/B. Mata/Tirok	68	31	24	2	14	18	7	9	21	51	12	72	329
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	1	2	2	6	1	2	0	2	1	1	1	1	20
31	Lidah	14	20	14	21	7	11	30	26	28	32	31	51	285
33	Sebelah	20	41	44	38	38	48	57	57	63	66	43	55	570
	Bayan	2	2	3	8	14	7	8	7	10	9	1	7	78
	Biji Nangka	80	156	143	94	168	181	202	218	440	332	92	105	2,211
	Daun Baharu	3	5	3	7	17	6	11	9	10	8	7	9	95
	Delah/Pinang-Pinang	14	3	12	11	26	5	18	55	15	10	15	0	184
	Duri/Pulutan/Utik	138	319	315	326	380	358	403	405	329	395	212	174	3,754
	Dengkis/Debam	34	34	48	59	51	44	37	53	49	67	44	45	565
	Gelama/Tengkerong/Selampai	96	100	113	91	197	110	112	232	164	198	169	145	1,727
	Gerut-Gerut	4	12	12	6	7	5	8	8	17	7	9	15	110
	Jenahak	2	5	4	1	1	0	3	4	1	2	442	0	465
	Kaci	31	34	45	47	43	41	68	75	80	70	48	22	604
	Kerapu	94	264	147	172	128	145	151	139	127	132	80	40	1,619
	Kerisi	843	1,150	1,370	1,141	1,347	1,006	1,276	1,476	1,921	1,755	895	698	14,878
	Kerisi Bali	219	91	140	194	124	176	127	184	123	87	88	31	1,584
	Kikek	11	24	85	12	19	10	10	76	44	42	23	33	389
	Malong	4	15	9	26	26	26	9	8	8	12	39	13	195
	Merah	101	232	305	206	197	183	211	573	208	198	147	74	2,635
	Mengkerong/Conor/Ubi-Ubi	50	120	51	56	70	67	76	132	212	157	59	45	1,095
	Remong/Kunyit-Kunyit/Tanda	105	80	110	157	119	136	171	281	343	257	163	133	2,055
	Semilang	1	1	3	8	8	5	4	7	10	6	9	5	67
	Shrumbu/Lemah	0	1	0	1	1	0	1	3	10	6	0	1	24
	Puntong Damar/Bulus	34	28	44	68	55	55	41	63	53	95	69	119	724
	Pasir-Pasir/Timun-Timun	66	62	121	93	247	42	54	60	93	72	21	21	952
	Alu-Alu/Kacang-Kacang	54	94	140	104	73	74	81	105	96	91	58	45	1,015
34	Aruan Tasik	22	27	46	47	40	65	54	35	28	36	34	13	447
	Bawal	18	54	50	15	41	10	7	30	14	20	32	55	346
	Belanak/Kedera	4	7	1	12	1	2	1	1	5	0	6	5	45
	Cermin/Sagai/Cupak	164	150	180	151	181	138	184	175	200	226	114	89	1,952

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

	Cincaru	216	361	289	278	456	206	388	262	253	293	219	282	3,503
	Demudok/Rambai	42	26	93	105	124	44	65	41	47	75	22	20	704
	Kurau/Senangin/Senohong	3	5	16	9	11	3	9	4	4	1	2	0	67
	Pelata/Selar	807	849	741	683	549	504	704	611	856	869	793	697	8,663
	Selar Kuning/Lolong	1,312	1,696	2,005	1,544	1,721	1,371	2,638	1,905	3,075	2,238	1,081	812	21,398
	Selayang/Curut	1,768	2,070	1,162	985	1,311	781	2,237	2,877	5,811	6,501	1,548	1,160	28,211
	Pisang-Pisang	0	39	22	12	10	13	31	75	47	5	0	6	260
	Talang	1	2	5	17	26	19	22	4	12	17	5	2	132
35	Bilis/Bunga Air	3	123	88	308	502	470	777	1,177	2,100	1,124	116	(2)	6,786
	Parang-Parang	100	61	109	92	140	137	152	207	131	113	46	38	1,326
	Tamban	270	673	1,108	1,136	1,888	706	1,376	987	1,212	1,129	230	153	10,868
	Bulan-Bulan	0	1	0	0	10	5	0	0	90	0	1	0	107
36	Aya/Kayu/Tongkol	546	943	385	496	848	861	861	555	845	1,015	331	316	8,002
	Layaran/Mersuji	2	23	1	21	4	3	0	2	11	21	1	0	89
37	Kembong/Temenong/Pelaling	868	983	1,064	710	1,241	802	918	1,641	1,794	1,454	624	402	12,501
	Tenggiri	915	532	291	352	383	340	532	604	860	560	163	147	5,679
	Timah/Layor/Selayor	53	149	97	108	137	82	103	83	67	85	68	69	1,101
38	Pari	241	317	419	356	410	422	461	467	466	417	303	293	4,572
	Yu	107	116	116	119	197	208	302	257	240	177	77	169	2,085
39	Ikan Baja	5,239	5,558	6,395	8,457	8,619	7,856	8,538	9,405	10,278	12,989	7,637	6,874	97,845
	Ikan Campur	580	1,405	715	847	730	708	897	1,038	1,310	1,255	695	465	10,645
	Jebong	50	27	40	48	41	47	61	32	67	59	30	21	523
42	Ketam	59	53	49	52	60	134	143	106	113	95	97	115	1,076
45	Udang Karang/Lobok	44	54	50	49	46	50	70	68	76	80	50	78	715
	Udang Putih	50	26	23	9	6	8	5	9	9	11	45	136	337
	Udang Minyak	96	121	98	16	8	4	8	13	23	15	170	169	741
	Udang Merah Ros	0	0	0	0	0	1	0	2	0	0	11	31	45
	Udang Kulit Keras	214	136	109	17	21	6	10	19	12	26	67	178	815
	Udang Harimau	27	22	16	15	11	24	11	17	21	13	29	50	256
	Lain-Lain Jenis Udang	302	234	190	110	74	98	394	705	781	780	472	680	4,820
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	(2)	0	0	0	0	0	0	0	0	2	0
57	Sotong Kereta	5	1	9	5	53	13	2	13	7	9	2	6	125
	Sotong Katak	525	428	532	578	555	531	558	622	729	598	470	363	6,489
	Sotong Biasa	425	807	1,272	2,060	1,515	559	1,003	929	1,278	1,209	541	388	11,986
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	17,172	21,007	21,092	22,775	25,352	19,997	26,698	29,245	37,348	37,673	18,932	16,246	293,537

SARAWAK
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1992
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.5.4.

ISSCAAP GROUP NO.	Jenis Ikan Species	Januari	Februari	Mac	April	Mei	Jun	Julai	Ogos	September	Oktober	November	Disember	Jumlah (Tan) Total (Tonnes)
	Nama Tempatan Local Name	January	February	March	April	May	June	July	August	September	October	November	December	
24	Kebasi/Selangat	19	18	19	14	16	14	11	11	29	13	9	10	183
	Puput/B. Mata/Tirok	40	71	214	200	234	141	100	166	111	53	29	18	1,377
	Terubok	5	9	41	56	49	40	54	48	63	18	10	3	396
25	Siakap	0	1	1	23	0	0	8	2	2	1	2	2	42
31	Lidah	35	43	7	10	7	7	1	4	7	4	10	7	142
	Sebelah	1	1	4	5	5	4	6	6	9	10	9	5	65
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	0	1	0	0	0	0	0	0	0	0	0	0	1
	Daun Baharu	0	1	3	3	2	1	2	0	1	10	0	2	25
	Delah/Pinang-Pinang	0	1	2	0	2	2	1	0	0	0	0	0	8
	Duri/Pulutan/Utik	138	223	290	407	488	204	237	246	237	123	101	64	2,758
	Dengkis/Debam	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gelama/Tengkerong/Selampai	140	250	419	400	307	200	239	201	166	179	95	111	2,707
	Gerut-Gerut	0	0	0	2	1	4	3	1	4	1	3	0	19
	Jenahak	43	1	13	15	14	8	32	25	50	14	21	4	240
	Kaci	0	0	0	0	2	2	3	8	11	10	4	5	45
	Kerapu	6	7	7	8	15	24	32	36	50	32	28	3	248
	Kerisi	15	13	28	40	43	23	76	31	84	59	36	33	481
	Kerisi Bali	21	34	26	12	24	38	11	15	3	25	15	1	225
	Kikek	0	0	1	0	5	4	0	6	6	24	13	0	59
	Malong	100	52	160	109	141	49	71	146	152	75	76	185	1,316
	Merah	42	29	133	116	191	172	154	108	127	113	222	39	1,446
	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	3	24	5	3	1	1	0	1	6	2	2	1	49
	Shrumbu/Lemah	36	26	54	71	68	28	21	20	9	0	4	4	341
	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	0	3	4	21	20	3	26	1	19	8	2	0	107
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	131	173	280	300	207	239	247	239	100	100	79	113	2,208
	Belanak/Kedera	8	10	8	6	6	7	3	4	5	6	6	5	74
	Cermin/Sagai/Cupak	0	0	0	0	0	0	1	2	6	0	1	2	12

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

93	Cincaru	75	128	183	144	150	154	166	111	140	153	101	109	1,614
	Demudok/Rambai	6	7	9	13	19	10	17	12	7	13	3	14	130
	Kurau/Senangin/Senohong	25	9	35	30	40	35	46	39	43	18	7	9	336
	Pelata/Selar	10	27	94	100	32	71	74	26	88	8	51	40	621
	Selar Kuning/Lolong	26	26	39	40	27	40	4	4	7	11	2	2	228
	Selayang/Curut	1	2	8	90	1	2	2	2	10	0	0	0	118
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	12	22	41	22	37	25	17	45	42	36	25	34	358
	35 Bilis/Bunga Air	3	5	8	9	20	12	10	3	4	2	7	1	84
	Parang-Parang	19	30	29	32	39	42	33	43	37	25	12	9	350
	Tamban	74	94	127	110	124	183	164	170	130	136	126	113	1,551
	Bulan-Bulan	0	0	0	1	0	0	1	0	0	0	1	0	3
	36 Aya/Kayu/Tongkol	121	136	291	244	322	156	156	159	206	164	97	57	2,109
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0
	37 Kembong/Temenang/Pelaling	158	289	354	292	471	311	358	344	339	324	212	158	3,610
	Tenggiri	100	366	203	300	303	251	226	228	285	205	77	162	2,706
	Timah/Layor/Selayor	65	43	149	320	180	46	114	105	115	112	50	66	1,365
	38 Pari	84	153	253	287	260	126	169	218	190	123	125	118	2,106
	Yu	97	144	253	255	355	161	188	223	211	167	111	106	2,271
	39 Ikan Baja	97	385	713	497	1,880	814	1,266	1,657	1,043	1,706	954	1,220	12,232
	Ikan Campur	373	1,106	1,365	1,748	1,339	944	1,303	1,055	1,011	789	545	587	12,165
	Jebong	0	0	0	0	0	0	0	0	0	0	0	0	0
	42 Ketam	32	55	38	29	36	49	52	50	25	30	38	34	468
	45 Udang Karang/Lobok	1	0	0	2	1	0	0	3	1	1	2	1	12
	Udang Putih	204	396	208	278	310	134	139	188	159	261	279	459	3,015
	Udang Minyak	79	0	0	0	0	0	0	0	0	0	0	0	79
	Udang Merah Ros	18	0	0	0	3	0	0	0	0	0	0	0	21
	Udang Kulit Keras	191	252	155	122	73	53	62	86	188	83	86	145	1,496
	Udang Harimau	1	1	1	1	0	2	0	0	0	0	1	0	7
	Lain-Lain Jenis Udang	1086	1586	1020	858	597	391	391	435	304	405	543	1025	8,641
	Udang Baring	73	306	278	98	73	12	28	4	87	10	13	3	985
	56 Siput/Kepah/Kupang/Tiram	3	8	5	4	6	7	7	8	1	5	10	7	71
	57 Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	3	18	27	12	10	28	24	14	9	10	10	11	176
	Sotong Biasa	114	381	423	460	177	74	160	134	108	123	44	217	2,415
	76 Ubur-Ubur	3,991	3,442	3,136	514	33	78	70	308	241	192	177	142	12,324
Jumlah Tan M/Total Tonnes		7,925	10,408	11,164	8,733	8,766	5,426	6,586	7,001	6,288	5,992	4,486	5,466	88,241

SABAH
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1992
(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 (Tonnes)</i>
	Nama Tempatan <i>Local Name</i>													
24	Kebasi/Selangat	13	11	13	12	12	12	11	11	13	14	12	12	146
	Puput/B. Mata/Tirok	76	69	79	70	71	73	69	66	76	85	74	73	881
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	138	126	144	128	129	133	126	119	138	154	135	135	1,605
31	Lidah	1	1	1	1	1	1	1	1	1	1	1	0	11
33	Sebelah	49	45	52	46	46	48	45	43	50	55	48	48	575
	Bayan	20	18	21	19	19	19	18	17	20	22	20	20	233
	Biji Nangka	1	1	1	1	1	1	1	1	1	1	1	1	12
	Dauu Baharu	12	11	13	11	11	12	11	10	12	14	12	12	141
	Delah/Pinang-Pinang	117	107	123	109	110	113	107	102	119	131	115	113	1,366
	Duri/Pulutan/Utik	236	216	248	220	222	228	216	205	237	264	232	227	2,751
	Dengkis/Debam	54	49	56	50	50	52	49	47	54	60	53	52	626
	Gelama/Tengkerong/Selampai	105	96	110	98	98	101	96	91	105	117	103	100	1,220
	Gerut-Gerut	32	30	34	30	31	31	30	28	33	36	32	32	379
	Jenahak	205	186	217	190	191	197	186	175	207	233	201	198	2,386
	Kaci	3	3	3	3	3	3	3	3	3	3	2	2	34
	Kerapu	359	329	377	335	338	347	329	312	361	402	354	348	4,191
	Kerisi	349	320	366	326	328	337	320	303	351	391	343	336	4,070
	Kerisi Bali	31	29	33	29	29	30	29	27	33	35	31	30	366
	Kikek	104	95	109	97	97	100	95	90	104	116	102	100	1,209
	Malong	22	20	23	20	20	21	20	19	22	24	21	21	253
	Merah	362	332	380	338	342	350	332	314	364	407	356	350	4,227
	Mengkerong/Conor/Ubi-Ubi	85	78	89	79	80	82	78	74	85	95	83	81	989
	Remong/Kunyit-Kunyit/Tanda	25	25	25	25	25	25	25	25	25	25	25	26	301
	Semilang	23	22	23	20	20	22	22	20	21	22	26	24	265
	Shrumbu/Lemah	45	50	45	40	50	45	40	45	50	40	48	40	538
	Puntong Damar/Bulus	2	2	1	1	2	2	2	2	2	2	2	2	22
	Pasir-Pasir/Timun-Timun	1	1	1	1	1	1	0	1	0	0	1	0	8
	Alu-Alu/Kacang-Kacang	103	95	108	96	97	100	95	90	104	116	101	100	1,205
34	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	178	163	186	166	167	172	163	154	178	199	174	172	2,072
	Belanak/Kedera	137	126	145	129	129	133	126	119	138	154	135	133	1,604
	Cermin/Sagai/Cupak	0	0	0	0	0	0	0	0	0	0	0	5	5

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

	Cincaru	179	164	188	167	168	173	164	155	180	200	176	173	2,087
	Demudok/Rambai	305	280	320	285	287	295	280	265	307	342	300	295	3,561
	Kurau/Senangin/Senohong	209	192	220	195	197	202	192	182	210	234	206	202	2,441
	Pelata/Selar	231	213	243	216	218	224	213	201	233	260	228	224	2,704
	Selar Kuning/Lolong	47	43	49	44	44	45	43	41	47	52	46	45	546
	Selayang/Curut	783	719	823	731	737	757	719	680	788	878	770	758	9,143
	Pisang-Pisang	19	17	20	17	17	18	17	16	19	21	18	18	217
	Talang	84	78	89	79	79	81	77	73	85	94	83	82	984
35	Bilis/Bunga Air	265	243	279	248	249	256	243	230	267	297	261	257	3,095
	Parang-Parang	12	12	12	11	11	11	11	10	12	13	12	11	138
	Tamban	453	415	475	422	426	437	415	393	455	507	445	438	5,281
	Bulan-Bulan	4	4	4	4	4	4	4	4	4	5	3	4	48
36	Aya/Kayu/Tongkol	1,286	1,179	1,350	1,200	1,209	1,242	1,179	1,116	1,293	1,440	1,263	1,243	15,000
	Layaran/Mersuji	34	31	36	32	32	33	31	29	34	38	33	33	396
37	Kembong/Temenong/Pelaling	1,143	1,048	1,200	1,067	1,075	1,104	1,049	992	1,150	1,280	1,123	1,106	13,337
	Tenggiri	1,053	966	1,106	983	990	1,017	966	914	1,059	1,180	1,035	1,019	12,288
	Timah/Layor/Selayor	39	38	43	38	39	40	38	36	41	46	40	40	478
38	Pari	104	95	109	97	98	100	97	90	104	116	102	100	1,212
	Yu	154	141	162	144	145	149	141	134	155	173	151	149	1,798
39	Ikan Baja	636	583	668	594	598	615	583	552	640	713	625	615	7,422
	Ikan Campur	532	488	559	497	503	514	488	462	535	596	523	515	6,212
	Jebong	29	26	30	27	27	27	26	25	29	32	28	28	334
42	Ketam	235	207	247	219	221	227	216	204	236	272	231	227	2,742
45	Udang Karang/Lobok	18	16	19	17	17	17	16	15	18	20	17	17	207
	Udang Putih	799	732	839	746	751	772	732	693	803	895	785	772	9,319
	Udang Minyak	2	1	2	2	1	2	1	1	2	1	2	2	19
	Udang Merah Ros	160	146	168	149	148	154	147	138	161	181	156	154	1,862
	Udang Kulit Keras	1	1	1	1	1	1	1	1	1	1	0	0	10
	Udang Harimau	141	129	148	131	132	136	129	122	142	158	138	136	1,642
	Lain-Lain Jenis Udang	344	316	362	325	320	333	316	299	346	386	338	333	4,018
	Udang Baring	14	13	15	13	13	14	13	12	12	16	14	15	164
56	Siput/Kepah/Kupang/Tiram	243	223	259	227	229	235	224	207	245	272	239	235	2,838
57	Sotong Kereta	22	19	22	21	20	20	19	18	21	24	21	21	248
	Sotong Katak	115	106	121	107	108	111	106	100	116	129	113	111	1,343
	Sotong Biasa	101	93	106	94	95	97	92	87	101	118	93	98	1,175
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	12,684	11,633	13,320	11,840	11,929	12,254	11,633	11,011	12,758	14,208	12,461	12,269	148,000

LABUAN
PENDARATAN IKAN LAUT MENGIKUT BULAN DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY MONTH AND SPECIES, 1992
(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	1	0	1	2	2	2	2	3	2	2	2	2	21
	Puput/B. Mata/Tirok	8	9	7	7	5	9	4	6	1	1	1	3	61
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	3	0	0	0	0	0	0	0	0	0	0	0	3
31	Lidah	1	3	1	1	1	2	2	1	3	1	2	1	19
33	Sebelah	11	12	11	9	12	14	7	4	18	9	14	12	133
	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	7	3	3	5	10	11	11	12	28	10	17	23	140
	Daun Baharu	10	18	8	14	10	8	6	4	8	16	14	11	127
	Delah/Pinang-Pinang	10	22	10	9	9	17	6	7	24	26	33	20	193
	Duri/Pulutan/Utik	28	26	38	34	25	31	18	8	13	11	18	17	267
	Dengkis/Debam	26	25	23	29	59	37	20	13	26	18	22	14	312
	Gelama/Tengkerong/Selampai	19	14	11	10	11	15	13	12	48	38	49	42	282
	Gerut-Gerut	10	12	10	13	15	15	7	10	18	25	25	25	185
	Jenahak	17	21	18	14	15	17	14	13	17	15	23	17	201
	Kaci	19	25	21	22	21	20	11	10	10	14	27	28	228
	Kerapu	64	114	78	52	42	65	49	50	65	57	50	28	714
	Kerisi	21	19	16	18	21	19	17	16	62	30	47	44	330
	Kerisi Bali	81	139	93	62	60	73	44	49	64	52	87	44	848
	Kikek	7	11	9	6	8	8	6	8	21	18	33	30	165
	Malong	1	0	0	0	0	0	0	0	0	0	0	0	1
	Merah	124	185	137	95	62	69	55	62	77	69	88	55	1,078
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	17	58	23	24	20	22	14	13	19	17	24	114	365
	Semilang	3	1	0	1	0	1	0	1	0	0	0	0	7
	Shrumbu/Lemah	2	0	1	3	2	1	1	1	2	2	3	0	18
	Puntong Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	3	2	2	3	4	3	4	3	3	7	7	6	47
	Alu-Alu/Kacang-Kacang	27	22	14	28	24	18	9	8	33	22	29	18	252
34	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	100	97	38	65	56	60	27	15	18	2	16	57	551
	Belanak/Kedera	8	7	10	18	18	8	5	6	7	10	13	4	114
	Cermin/Sagai/Cupak	45	46	36	31	32	40	21	21	48	48	40	17	425

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

	Cincaru	116	28	108	69	66	103	59	31	44	43	36	48	751
	Demudok/Rambai	11	10	6	6	5	6	3	5	6	12	14	17	101
	Kurau/Senangin/Senohong	4	3	2	2	1	0	0	0	0	0	2	3	17
	Pelata/Selar	14	23	25	31	38	48	57	32	61	34	29	21	413
	Selar Kuning/Lolong	9	16	22	23	14	8	15	13	58	19	34	24	255
	Selayang/Curut	17	28	19	31	25	9	0	0	15	16	35	9	204
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	34	27	31	49	43	33	18	27	6	9	10	2	289
35	Bilis/Bunga Air	0	25	20	0	0	0	0	0	0	0	0	0	45
	Parang-Parang	10	18	15	9	8	5	3	0	0	4	3	4	79
	Tamban	0	0	37	56	46	24	32	20	39	38	51	21	364
	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	93	412	254	255	259	201	18	120	10	8	14	54	1,698
	Layaran/Mersuji	9	27	18	12	13	13	3	0	0	0	0	18	113
37	Kembong/Temenong/Pelaling	67	53	137	172	146	102	149	149	227	146	274	114	1,736
	Tenggiri	78	218	153	89	61	94	39	27	65	33	43	539	1,439
	Timah/Layor/Selayor	4	15	12	4	4	0	0	0	0	0	0	0	39
38	Pari	24	18	15	13	8	5	5	8	47	15	22	31	211
	Yu	33	35	35	27	33	22	13	15	15	18	33	38	317
39	Ikan Baja	86	93	205	105	82	38	43	35	64	42	80	72	945
	Ikan Campur	42	42	39	32	34	41	32	21	60	62	77	68	550
	Jebong	6	8	3	3	3	3	0	1	1	3	4	3	38
42	Ketam	7	18	12	8	7	8	7	7	11	7	18	18	128
45	Udang Karang/Lobok	0	2	0	10	5	7	3	0	0	1	0	7	35
	Udang Putih	45	48	61	51	38	26	13	15	80	26	17	16	436
	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	3	4	6	4	6	5	4	5	3	4	7	4	55
	Lain-Lain Jenis Udang	273	258	392	210	213	107	43	45	177	70	94	98	1,980
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Sotong Kereta	0	0	0	1	0	0	0	0	0	0	0	0	1
	Sotong Katak	12	14	22	18	17	11	9	13	43	23	18	41	241
	Sotong Biasa	6	32	24	14	8	3	5	4	35	9	11	25	176
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	1,676	2,366	2,292	1,879	1,727	1,507	946	949	1,702	1,162	1,610	1,927	19,743

MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1992
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 4.6

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>	Rampaiian Miscel- laneous	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	761	113	0	7	1,878	15	57	0	0	0	0	0	0	0	2,831
	Puput/B. Mata/Tirok	4,379	135	0	0	3,644	0	6	0	1	0	3	2	0	0	8,170
	Terubok	10	0	0	0	382	0	4	0	0	0	0	0	0	0	396
25	Siakap	98	0	0	0	908	0	41	60	605	0	19	0	0	0	1,731
31	Lidah	2,337	0	0	0	214	0	0	0	0	2	6	1	0	0	2,560
	Sebelah	1,438	0	0	0	129	0	30	7	23	0	0	0	0	0	1,627
33	Bayan	101	0	0	0	121	0	8	42	39	0	0	0	0	0	311
	Biji Nangka	4,834	0	0	0	2	0	0	51	0	0	0	0	0	0	4,887
	Dauu Baharu	328	0	0	1	82	0	10	6	44	0	0	0	0	4	475
	Delah/Pinang-Pinang	91	23	0	20	251	0	14	110	1,213	0	0	0	0	80	1,802
	Duri/Pulutan/Utik	7,057	28	0	21	4,052	0	188	60	1,442	9	66	0	0	0	12,923
	Dengkis/Debam	509	7	0	40	485	0	195	328	108	0	1	0	0	3	1,676
	Gelama/Tengkerong/Selampai	12,031	50	182	104	3,305	0	99	3	255	24	126	1	0	16	16,196
	Gerut-Gerut	757	0	0	0	115	0	49	31	196	0	1	0	0	0	1,149
	Jenahak	839	0	0	9	1,001	0	7	305	1,749	0	0	0	0	1	3,911
	Kaci	569	0	0	1	44	0	10	72	283	0	0	0	0	0	979
	Kerapu	3,277	0	0	1	982	2,758	111	676	1,352	0	0	0	0	6	9,163
	Kerisi	22,346	0	0	0	1,373	0	18	2,674	2,588	0	0	0	0	0	28,999
	Kerisi Bali	2,310	0	0	0	2	0	0	22	1,177	0	0	0	0	0	3,511
	Kikek	1,371	14	91	0	340	4	81	1	4	0	0	0	0	0	1,906
	Malong	2,307	0	0	1	547	0	18	4	393	0	0	0	0	0	3,270
	Merah	3,787	39	0	0	1,454	0	6	497	4,229	0	15	0	0	7	10,034
	Mengkerong/Conor/Ubi-Ubi	5412	0	0	0	324	0	15	34	1	0	0	0	0	0	5,786
	Remong/Kunyit-Kunyit/Tanda	1859	13	0	0	76	0	53	424	477	0	0	0	0	0	2,902
	Semilang	169	0	0	8	89	0	109	177	164	0	372	0	0	0	1,088
	Shrumbu/Lemah	586	0	0	0	538	0	4	0	0	0	0	0	0	0	1,128
	Puntong Damar/Bulus	1625	0	0	4	202	0	0	0	82	0	0	0	0	0	1,913
	Pasir-Pasir/Timun-Timun	654	0	0	0	24	0	7	336	7	0	0	0	0	0	1,028
34	Alu-Alu/Kacang-Kacang	2,547	133	0	1	451	4	60	46	667	0	0	0	0	4	3,913
	Aruan Tasik	282	13	0	0	31	1	0	55	229	0	0	0	0	0	611
	Bawal	4,540	961	0	3	3,285	809	85	9	25	3	0	341	0	0	10,061

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

	Belanak/Kedera	143	322	0	67	2,506	4	114	1	0	5	66	0	0	0	3,228
	Cermin/Sagai/Cupak	1,620	114	0	0	373	0	13	150	451	0	0	0	0	0	2,721
	Cincaru	4,651	3,836	0	0	2,018	710	0	0	1,192	2	0	0	5	0	12,414
	Demudok/Rambai	2,308	327	0	5	1,247	101	79	96	1,370	0	8	0	0	19	5,560
	Kurau/Senangin/Senohong	310	0	0	26	2,862	0	43	4	742	0	3	0	0	0	3,990
	Pelata/Selar	3,805	6,772	0	0	765	1,253	1	21	2,578	5	4	27	12	6	15,249
	Selar Kuning/Lolong	8,368	10,318	9	0	202	6,114	18	58	36	0	2	10	0	0	25,135
	Selayang/Curut	2,278	35,929	0	1	175	5,755	0	0	506	0	0	1	0	0	44,645
	Pisang-Pisang	55	191	0	0	75	53	0	3	331	0	0	0	0	1	709
	Talang	633	46	0	14	1,225	89	55	2	148	0	0	0	0	0	2,212
35	Bilis/Bunga Air	220	147	35,828	0	19	1,940	66	0	0	0	0	5	0	45	38,270
	Parang-Parang	2,189	17	12	0	2,501	0	2	3	19	0	0	0	0	0	4,743
	Tamban	1,264	15,279	1,210	3	1,737	3,888	77	0	92	0	0	35	0	0	23,585
	Bulan-Bulan	20	1	0	0	18	0	25	0	95	0	0	0	0	0	159
36	Aya/Kayu/Tongkol	121	15,336	100	7,489	7,029	4	0	0	4,924	0	0	0	0	0	35,003
	Layaran/Mersuji	53	0	0	0	243	0	0	0	302	0	0	0	0	0	598
37	Kembong/Temenong/Pelaling	19,418	34,566	0	26	19,751	1,891	55	0	1,465	0	0	3	46	29	77,250
	Tenggiri	3,746	1,679	0	0	12,553	2,538	8	10	7,243	0	0	0	0	0	27,777
	Timah/Layor/Selayor	8,172	61	2	1	966	3	9	0	12	0	0	0	0	0	9,226
38	Pari	10,938	2	0	33	961	0	80	50	1,439	10	14	0	0	4	13,531
	Yu	4,036	5	0	10	2,588	0	9	7	585	0	0	0	0	0	7,240
39	Ikan Baja	246,414	4,611	142	7,291	5,284	147	43	2	15	4,663	581	699	0	0	269,892
	Ikan Campur	27071	2945	15	546	5498	17	500	210	512	244	1270	124	0	4	38,956
	Jebong	1888	0	0	4	31	4	12	97	22	0	1	0	0	0	2,059
42	Ketam	4,264	0	0	17	1,520	0	128	447	0	5	296	7	0	1,622	8,306
45	Udang Karang/Lobok	810	0	0	0	12	0	1	116	46	0	1	0	0	7	993
	Udang Putih	9,616	5	0	86	6,868	0	68	0	0	29	12	33	0	326	17,043
	Udang Minyak	18,675	0	0	4,431	109	0	0	0	0	800	3	15	0	0	24,033
	Udang Merah Ros	2,826	0	0	7	4	0	0	0	0	0	0	0	0	0	2,837
	Udang Kulit Keras	4,830	1	0	312	28	0	8	0	0	308	0	95	0	0	5,582
	Udang Harimau	2,001	0	0	1	60	0	35	0	0	5	0	2	0	0	2,104
	Lain-Lain Jenis Udang	39,135	32	0	6,002	5,778	0	593	0	0	19,589	201	2,280	0	47	73,657
	Udang Baring	164	0	0	0	205	0	142	0	0	396	0	242	0	0	1,149
56	Siput/Kepah/Kupang/Titam	210	0	0	0	0	0	0	0	0	0	0	0	10,064	365	10,639
57	Sotong Kereta	766	0	0	0	22	25	0	5	1	6	0	0	0	15	840
	Sotong Katak	14,597	3	0	26	117	2	13	464	73	44	0	1	0	14	15,354
	Sotong Biasa	30,587	679	0	2	516	557	95	158	1,635	31	0	0	0	7	34,267
76	Ubur-Ubur	4,982	0	0	11	31	0	0	0	0	4,589	33	5,689	0	288	15,623
	Jumlah Tan M/Total Tonnes	572,395	134,753	37,591	26,632	112,228	28,686	3,577	7,934	43,187	30,769	3,104	9,613	10,127	2,920	1,023,516

SEMENANUNJUNG MALAYSIA/PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1992
(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) <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	680	113	0	0	1,688	0	0	0	0	0	0	0	0	0	2,481
	Puput/B. Mata/Tirok	2,770	61	0	0	3,020	0	0	0	0	0	0	0	0	0	5,851
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	26	0	0	0	12	0	9	3	12	0	19	0	0	0	81
31	Lidah	2,170	0	0	0	209	0	0	0	0	2	6	1	0	0	2,388
	Sebelah	840	0	0	0	9	0	0	5	0	0	0	0	0	0	854
33	Bayan	30	0	0	0	0	0	0	42	6	0	0	0	0	0	78
	Biji Nangka	4,682	0	0	0	1	0	0	51	0	0	0	0	0	0	4,734
	Daun Baharu	155	0	0	0	24	0	0	3	0	0	0	0	0	0	182
	Delah/Pinang-Pinang	63	23	0	0	19	0	0	97	33	0	0	0	0	0	235
	Duri/Pulutan/Utik	4,670	28	0	21	1,312	0	4	21	1,016	9	66	0	0	0	7,147
	Dengkis/Debam	448	3	0	0	16	0	12	242	17	0	0	0	0	0	738
	Gelama/Tengkerong/Selampai	8,721	0	182	81	2,765	0	12	3	72	24	126	1	0	0	11,987
	Gerut-Gerut	404	0	0	0	31	0	1	24	105	0	1	0	0	0	566
	Jenahak	633	0	0	0	20	0	0	237	194	0	0	0	0	0	1,084
	Kaci	511	0	0	0	0	0	0	50	111	0	0	0	0	0	672
	Kerapu	2,827	0	0	1	128	0	1	559	494	0	0	0	0	0	4,010
	Kerisi	18,881	0	0	0	640	0	0	2,663	1,934	0	0	0	0	0	24,118
	Kerisi Bali	1,996	0	0	0	2	0	0	22	52	0	0	0	0	0	2,072
	Kikek	354	14	91	0	9	0	4	1	0	0	0	0	0	0	473
	Malong	1,163	0	0	1	211	0	0	4	321	0	0	0	0	0	1,700
	Merah	2,068	31	0	0	9	0	1	343	831	0	0	0	0	0	3,283
	Mengkerong/Conor/Ubi-Ubi	4,726	0	0	0	37	0	0	34	0	0	0	0	0	0	4,797
	Remong/Kunyit-Kunyit/Tanda	1,677	13	0	0	19	0	2	371	154	0	0	0	0	0	2,236
	Semilang	161	0	0	8	48	0	3	87	88	0	372	0	0	0	767
	Shrumbu/Lemah	231	0	0	0	0	0	0	0	0	0	0	0	0	0	231
	Puntong Damar/Bulus	1,625	0	0	4	201	0	0	0	61	0	0	0	0	0	1,891
	Pasir-Pasir/Timun-Timun	621	0	0	0	9	0	0	336	7	0	0	0	0	0	973
34	Alu-Alu/Kacang-Kacang	1,894	98	0	0	202	0	9	46	100	0	0	0	0	0	2,349
	Aruan Tasik	282	13	0	0	31	1	0	55	229	0	0	0	0	0	611
	Bawal	3,546	425	0	3	1,201	9	13	5	25	3	0	0	0	0	5,230

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

	Belanak/Kedera	97	322	0	27	894	0	29	0	0	5	62	0	0	0	1,436
	Cermin/Sagai/Cupak	1,556	114	0	0	237	0	2	137	233	0	0	0	0	0	2,279
	Cincaru	3,398	3,087	0	0	675	20	0	0	780	2	0	0	0	0	7,962
	Demudok/Rambai	1,040	327	0	0	82	0	0	55	264	0	0	0	0	0	1,768
	Kurau/Senangin/Senohong	135	0	0	4	993	0	0	4	60	0	0	0	0	0	1,196
	Pelata/Selar	2,974	5,857	0	0	552	116	1	21	1,985	5	0	0	0	0	11,511
	Selar Kuning/Lolong	7,922	10,088	9	0	194	5,784	15	58	36	0	0	0	0	0	24,106
	Selayang/Curut	1,680	32,702	0	0	0	385	0	0	413	0	0	0	0	0	35,180
	Pisang-Pisang	55	191	0	0	0	53	0	3	190	0	0	0	0	0	492
	Talang	269	42	0	0	237	0	2	0	31	0	0	0	0	0	581
35	Bilis/Bunga Air	161	147	34,650	0	3	53	27	0	0	0	0	5	0	0	35,046
	Parang-Parang	2,126	15	12	0	2,000	0	2	3	18	0	0	0	0	0	4,176
	Tamban	1,209	12,634	1,210	3	240	1,003	36	0	54	0	0	0	0	0	16,389
	Bulan-Bulan	13	0	0	0	0	0	0	0	95	0	0	0	0	0	108
36	Aya/Kayu/Tongkol	63	10,843	100	0	1,615	1	0	0	3,574	0	0	0	0	0	16,196
	Layaran/Mersuji	53	0	0	0	6	0	0	0	30	0	0	0	0	0	89
37	Kembong/Temenong/Pelaling	16,345	25,991	0	0	15,629	7	0	0	595	0	0	0	0	0	58,567
	Tenggiri	2,387	518	0	0	5,038	0	0	10	3,391	0	0	0	0	0	11,344
	Timah/Layor/Selayor	6,944	48	2	1	347	0	0	0	2	0	0	0	0	0	7,344
38	Pari	8,138	1	0	10	667	0	2	50	1,111	10	13	0	0	0	10,002
	Yu	2,054	3	0	0	578	0	0	7	212	0	0	0	0	0	2,854
39	Ikan Baja	227,142	4,166	142	7,291	5,283	0	17	2	0	3,970	581	699	0	0	249,293
	Ikan Campur	16,256	864	15	29	2,374	10	44	200	69	99	64	5	0	0	20,029
	Jebong	1,589	0	0	4	1	0	0	93	0	0	0	0	0	0	1,687
42	Ketam	2,950	0	0	16	1,122	0	12	144	0	5	293	7	0	419	4,968
45	Udang Karang/Lobok	725	0	0	0	8	0	1	1	0	0	1	0	0	3	739
	Udang Putih	1,329	0	0	80	2,814	0	1	0	0	13	1	28	0	7	4,273
	Udang Minyak	18,577	0	0	4,431	109	0	0	0	800	3	15	0	0	0	23,935
	Udang Merah Ros	945	0	0	7	2	0	0	0	0	0	0	0	0	0	954
	Udang Kulit Keras	3,477	0	0	312	28	0	6	0	0	158	0	95	0	0	4,076
	Udang Harimau	343	0	0	1	41	0	8	0	0	5	0	2	0	0	400
	Lain-Lain Jenis Udang	27,093	32	0	6,002	5,464	0	456	0	0	17,653	163	2,135	0	20	59,018
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	7,366	364	7,730
57	Sotong Kereta	557	0	0	0	22	0	0	5	1	6	0	0	0	0	591
	Sotong Katak	12,915	0	0	26	114	2	0	464	28	44	0	1	0	0	13,594
	Sotong Biasa	27,274	573	0	1	477	546	5	158	1,436	31	0	0	0	0	30,501
76	Ubur-Ubur	454	0	0	11	4	0	0	0	0	2,562	0	0	0	268	3,299
	Jumlah Tan M/Total Tonnes	469,100	109,387	36,413	18,375	59,723	7,990	737	6,719	20,470	25,406	1,771	2,994	7,366	1,081	767,532

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1992
(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	640	111	0	0	1,684	0	0	0	0	0	0	0	0	0	2,435
	Puput/B. Mata/Tirok	2,475	61	0	0	2,986	0	0	0	0	0	0	0	0	0	5,522
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	20	0	0	0	10	0	0	3	9	0	19	0	0	0	61
31	Lidah	1,890	0	0	0	204	0	0	0	0	2	6	1	0	0	2,103
33	Sebelah	281	0	0	0	3	0	0	0	0	0	0	0	0	0	284
	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	2,523	0	0	0	0	0	0	0	0	0	0	0	0	0	2,523
	Daun Baharu	63	0	0	0	24	0	0	0	0	0	0	0	0	0	87
	Delah/Pinang-Pinang	3	0	0	0	19	0	0	0	29	0	0	0	0	0	51
	Duri/Pulutan/Utik	1,653	3	0	21	1,126	0	1	0	514	9	66	0	0	0	3,393
	Dengkis/Debam	146	3	0	0	2	0	0	22	0	0	0	0	0	0	173
	Gelama/Tengkerong/Selampai	7,411	0	0	81	2,591	0	2	0	27	21	126	1	0	0	10,260
	Gerut-Gerut	321	0	0	0	20	0	0	14	100	0	1	0	0	0	456
	Jenahak	179	0	0	0	20	0	0	233	187	0	0	0	0	0	619
	Kaci	52	0	0	0	0	0	0	16	0	0	0	0	0	0	68
	Kerapu	1,858	0	0	1	128	0	0	262	142	0	0	0	0	0	2,391
	Kerisi	9,122	0	0	0	118	0	0	0	0	0	0	0	0	0	9,240
	Kerisi Bali	428	0	0	0	2	0	0	10	48	0	0	0	0	0	488
	Kikek	75	0	0	0	9	0	0	0	0	0	0	0	0	0	84
	Malong	979	0	0	1	210	0	0	0	315	0	0	0	0	0	1,505
	Merah	456	0	0	0	7	0	0	134	51	0	0	0	0	0	648
	Mengkerong/Conor/Ubi-Ubi	3,665	0	0	0	37	0	0	0	0	0	0	0	0	0	3,702
	Remong/Kunyit-Kunyit/Tanda	169	0	0	0	0	0	0	0	12	0	0	0	0	0	181
	Semilang	97	0	0	8	48	0	0	87	88	0	372	0	0	0	700
	Shrumbu/Lemah	207	0	0	0	0	0	0	0	0	0	0	0	0	0	207
	Puntong Damar/Bulus	908	0	0	4	197	0	0	0	58	0	0	0	0	0	1,167
	Pasir-Pasir/Timun-Timun	13	0	0	0	6	0	0	0	2	0	0	0	0	0	21
34	Alu-Alu/Kacang-Kacang	1,120	35	0	0	139	0	0	0	40	0	0	0	0	0	1,334
	Aruan Tasik	119	13	0	0	13	0	0	4	15	0	0	0	0	0	164
	Bawal	3,401	279	0	3	1,186	0	13	0	0	2	0	0	0	0	4,884

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

	Belanak/Kedera	93	322	0	27	882	0	0	0	0	5	62	0	0	0	1,391
	Cermin/Sagai/Cupak	119	10	0	0	197	0	0	0	1	0	0	0	0	0	327
	Cincaru	2,128	1,781	0	0	550	0	0	0	0	0	0	0	0	0	4,459
	Demudok/Rambai	901	82	0	0	40	0	0	7	34	0	0	0	0	0	1,064
	Kurau/Senangin/Senohong	121	0	0	4	948	0	0	0	56	0	0	0	0	0	1,129
	Pelata/Selar	1,850	902	0	0	96	0	0	0	0	0	0	0	0	0	2,848
	Selar Kuning/Lolong	1,855	853	0	0	0	0	0	0	0	0	0	0	0	0	2,708
	Selayang/Curut	1,083	5,886	0	0	0	0	0	0	0	0	0	0	0	0	6,969
	Pisang-Pisang	41	191	0	0	0	0	0	0	0	0	0	0	0	0	232
	Talang	229	4	0	0	187	0	0	0	29	0	0	0	0	0	449
35	Bilis/Bunga Air	98	147	28,007	0	3	0	0	0	0	0	0	5	0	0	28,260
	Parang-Parang	1,623	0	0	0	1,225	0	2	0	0	0	0	0	0	0	2,850
	Tamban	1,140	4,138	0	3	240	0	0	0	0	0	0	0	0	0	5,521
	Bulan-Bulan	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
36	Aya/Kayu/Tongkol	26	7,644	0	0	524	0	0	0	0	0	0	0	0	0	8,194
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	14,600	17,245	0	0	14,221	0	0	0	0	0	0	0	0	0	46,066
	Tenggiri	1,557	144	0	0	3,938	0	0	0	26	0	0	0	0	0	5,665
	Timah/Layar/Selayor	5,972	36	0	1	234	0	0	0	0	0	0	0	0	0	6,243
38	Pari	3,869	0	0	10	523	0	0	30	976	9	13	0	0	0	5,430
	Yu	658	0	0	0	56	0	0	0	55	0	0	0	0	0	769
39	Ikan Baja	130,927	3,312	106	7,291	5,263	0	1	2	0	3,266	581	699	0	0	151,448
	Ikan Campur	6,510	496	0	29	2,158	0	35	5	20	62	64	5	0	0	9,384
	Jebong	1,115	0	0	4	1	0	0	44	0	0	0	0	0	0	1,164
42	Ketam	2,082	0	0	16	1,077	0	0	68	0	5	293	7	0	344	3,892
45	Udang Karang/Lobok	21	0	0	0	2	0	0	0	0	0	1	0	0	0	24
	Udang Putih	1,094	0	0	80	2,719	0	1	0	0	6	1	28	0	7	3,936
	Udang Minyak	17,921	0	0	4,431	104	0	0	0	0	720	3	15	0	0	23,194
	Udang Merah Ros	900	0	0	7	2	0	0	0	0	0	0	0	0	0	909
	Udang Kulit Keras	2,671	0	0	312	24	0	1	0	0	158	0	95	0	0	3,261
	Udang Harimau	115	0	0	1	23	0	0	0	0	3	0	2	0	0	144
	Lain-Lain Jenis Udang	24,771	29	0	6,002	5,338	0	410	0	0	15,334	163	2,135	0	16	54,198
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	7,366	364	7,730
57	Sotong Kerela	438	0	0	0	22	0	0	0	0	6	0	0	0	0	466
	Sotong Katak	6,763	0	0	26	114	0	0	158	0	43	0	1	0	0	7,105
	Sotong Biasa	17,751	233	0	1	471	0	0	28	0	31	0	0	0	0	18,515
76	Ubur-Ubur	454	0	0	11	4	0	0	0	0	2,562	0	0	0	268	3,299
	Jumlah Tan M/Total Tonnes	291,771	43,960	28,113	18,375	51,975	0	466	1,127	2,834	22,244	1,771	2,994	7,366	999	473,995

PANTAI TIMUR SEMENANUNJUNG MALAYSIA/EAST COAST OF PENINSULAR MALAYSIA
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1992
(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	40	2	0	0	4	0	0	0	0	0	0	0	0	0	46
	Puput/B. Mata/Tirok	295	0	0	0	34	0	0	0	0	0	0	0	0	0	329
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	6	0	0	0	2	0	9	0	3	0	0	0	0	0	20
31	Lidah	280	0	0	0	5	0	0	0	0	0	0	0	0	0	285
33	Sebelah	559	0	0	0	6	0	0	5	0	0	0	0	0	0	570
	Bayan	30	0	0	0	0	0	0	42	6	0	0	0	0	0	78
	Biji Nangka	2,159	0	0	0	1	0	0	51	0	0	0	0	0	0	2,211
	Daun Baharu	92	0	0	0	0	0	0	3	0	0	0	0	0	0	95
	Delah/Pinang-Pinang	60	23	0	0	0	0	0	97	4	0	0	0	0	0	184
	Duri/Pulutan/Utik	3,017	25	0	0	186	0	3	21	502	0	0	0	0	0	3,754
	Dengkis/Debam	302	0	0	0	14	0	12	220	17	0	0	0	0	0	565
	Gelama/Tengkerong/Selampai	1,310	0	182	0	174	0	10	3	45	3	0	0	0	0	1,727
	Gerut-Gerut	83	0	0	0	11	0	1	10	5	0	0	0	0	0	110
	Jenahak	454	0	0	0	0	0	0	4	7	0	0	0	0	0	465
	Kaci	459	0	0	0	0	0	0	34	111	0	0	0	0	0	604
	Kerapu	969	0	0	0	0	0	1	297	352	0	0	0	0	0	1,619
	Kerisi	9,759	0	0	0	522	0	0	2,663	1,934	0	0	0	0	0	14,878
	Kerisi Bali	1,568	0	0	0	0	0	0	12	4	0	0	0	0	0	1,584
	Kikek	279	14	91	0	0	0	4	1	0	0	0	0	0	0	389
	Malong	184	0	0	0	1	0	0	4	6	0	0	0	0	0	195
	Merah	1,612	31	0	0	2	0	1	209	780	0	0	0	0	0	2,635
	Mengkerong/Conor/Ubi-Ubi	1,061	0	0	0	0	0	0	34	0	0	0	0	0	0	1,095
	Remong/Kunyit-Kunyit/Tanda	1,508	13	0	0	19	0	2	371	142	0	0	0	0	0	2,055
	Semilang	64	0	0	0	0	0	3	0	0	0	0	0	0	0	67
	Shrumbu/Lemah	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
	Puntong Damar/Bulus	717	0	0	0	4	0	0	0	3	0	0	0	0	0	724
	Pasir-Pasir/Timun-Timun	608	0	0	0	3	0	0	336	5	0	0	0	0	0	952
	Alu-Alu/Kacang-Kacang	774	63	0	0	63	0	9	46	60	0	0	0	0	0	1,015
34	Arvan Tasik	163	0	0	0	18	1	0	51	214	0	0	0	0	0	447
	Bawal	145	146	0	0	15	9	0	5	25	1	0	0	0	0	346

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

	Belanak/Kedera	4	0	0	0	12	0	29	0	0	0	0	0	0	0	45
	Cermin/Sagai/Cupak	1,437	104	0	0	40	0	2	137	232	0	0	0	0	0	1,952
	Cincaru	1,270	1,306	0	0	125	20	0	0	780	2	0	0	0	0	3,503
	Demudok/Rambai	139	245	0	0	42	0	0	48	230	0	0	0	0	0	704
	Kurau/Senangin/Senohong	14	0	0	0	45	0	0	4	4	0	0	0	0	0	67
	Pelata/Selar	1,124	4,955	0	0	456	116	1	21	1,985	5	0	0	0	0	8,663
	Selar Kuning/Lolong	6,067	9,235	9	0	194	5,784	15	58	36	0	0	0	0	0	21,398
	Selayang/Curut	597	26,816	0	0	0	385	0	0	413	0	0	0	0	0	28,211
	Pisang-Pisang	14	0	0	0	0	53	0	3	190	0	0	0	0	0	260
	Talang	40	38	0	0	50	0	2	0	2	0	0	0	0	0	132
35	Bilis/Bunga Air	63	0	6,643	0	0	53	27	0	0	0	0	0	0	0	6,786
	Parang-Parang	503	15	12	0	775	0	0	3	18	0	0	0	0	0	1,326
	Tamban	69	8,496	1,210	0	0	1,003	36	0	54	0	0	0	0	0	10,868
	Bulan-Bulan	12	0	0	0	0	0	0	0	95	0	0	0	0	0	107
36	Aya/Kayu/Tongkol	37	3,199	100	0	1,091	1	0	0	3,574	0	0	0	0	0	8,002
	Layaran/Mersuji	53	0	0	0	6	0	0	0	30	0	0	0	0	0	89
37	Kembong/Temenong/Pelaling	1,745	8,746	0	0	1,408	7	0	0	595	0	0	0	0	0	12,501
	Tenggiri	830	374	0	0	1,100	0	0	10	3,365	0	0	0	0	0	5,679
	Timah/Layor/Selayor	972	12	2	0	113	0	0	0	2	0	0	0	0	0	1,101
38	Pari	4,269	1	0	0	144	0	2	20	135	1	0	0	0	0	4,572
	Yu	1,396	3	0	0	522	0	0	7	157	0	0	0	0	0	2,085
39	Ikan Baja	96,215	854	36	0	20	0	16	0	0	704	0	0	0	0	97,845
	Ikan Campur	9,746	368	15	0	216	10	9	195	49	37	0	0	0	0	10,645
	Jebong	474	0	0	0	0	0	0	49	0	0	0	0	0	0	523
42	Ketam	868	0	0	0	45	0	12	76	0	0	0	0	0	75	1,076
45	Udang Karang/Lobok	704	0	0	0	6	0	1	1	0	0	0	0	0	3	715
	Udang Putih	235	0	0	0	95	0	0	0	0	7	0	0	0	0	337
	Udang Minyak	656	0	0	0	5	0	0	0	0	80	0	0	0	0	741
	Udang Merah Ros	45	0	0	0	0	0	0	0	0	0	0	0	0	0	45
	Udang Kulit Keras	806	0	0	0	4	0	5	0	0	0	0	0	0	0	815
	Udang Harimau	228	0	0	0	18	0	8	0	0	2	0	0	0	0	256
	Lain-Lain Jenis Udang	2,322	3	0	0	126	0	46	0	0	2,319	0	0	0	4	4,820
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Sotong Kereta	119	0	0	0	0	0	0	5	1	0	0	0	0	0	125
	Sotong Katak	6,152	0	0	0	0	2	0	306	28	1	0	0	0	0	6,489
	Sotong Biasa	9,523	340	0	0	6	546	5	130	1,436	0	0	0	0	0	11,986
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	177,329	65,427	8,300	0	7,748	7,990	271	5,592	17,636	3,162	0	0	0	82	293,537

SARAWAK
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY GEARS GROUP AND SPECIES, 1992
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL(TABLE) 4.6.4

ISSCAAP GROUP NO.	Jenis Ikan <i>Species</i>	Pukat Tunda <i>Trawl Nets</i>	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 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 M) <i>Total (Tonnes)</i>	
	Nama Tempatan <i>Local Name</i>		Pukat Jerut Ikan <i>Purse Seine- Fish</i>	Pukat Jerut Bilis <i>Purse Seine- Anchovy</i>	Lain Pukat Tarik <i>Other Seines</i>			Belat- Belat <i>Stationary</i>	Bubu <i>Portable</i>								
24	Kebasi/Selangat	0	0	0	0	174	0	9	0	0	0	0	0	0	0	183	
	Puput/B. Mata/Tirok	889	0	0	0	480	0	6	0	0	0	0	2	0	0	1,377	
	Terubok	10	0	0	0	382	0	4	0	0	0	0	0	0	0	396	
25	Siakap	23	0	0	0	19	0	0	0	0	0	0	0	0	0	42	
31	Lidah	138	0	0	0	4	0	0	0	0	0	0	0	0	0	142	
33	Sebelah	64	0	0	0	1	0	0	0	0	0	0	0	0	0	65	
	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Biji Nangka	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
34	Daun Baharu	9	0	0	0	16	0	0	0	0	0	0	0	0	0	25	
	Delah/Pinang-Pinang	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8	
	Duri/Pulutan/Utik	1,717	0	0	0	956	0	67	0	18	0	0	0	0	0	2,758	
	Dengkis/Debam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gelama/Tengkerong/Selampai	2,540	0	0	0	163	0	4	0	0	0	0	0	0	0	2,707	
	Gerut-Gerut	10	0	0	0	8	0	0	0	1	0	0	0	0	0	19	
	Jenahak	90	0	0	0	17	0	0	0	133	0	0	0	0	0	240	
	Kaci	23	0	0	0	0	0	0	0	22	0	0	0	0	0	45	
	Kerapu	48	0	0	0	20	0	0	0	180	0	0	0	0	0	248	
	Kerisi	386	0	0	0	39	0	0	0	56	0	0	0	0	0	481	
	Kerisi Bali	1	0	0	0	0	0	0	0	224	0	0	0	0	0	225	
	Kikek	50	0	0	0	5	0	0	0	4	0	0	0	0	0	59	
	Malong	980	0	0	0	336	0	0	0	0	0	0	0	0	0	1,316	
	Merah	870	0	0	0	40	0	1	0	535	0	0	0	0	0	1,446	
	Mengkerong/Ubi/Conor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Remong/Kunyit/Tanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Semilang	0	0	0	0	41	0	5	0	3	0	0	0	0	0	49	
	Shrumbu/Lemah	341	0	0	0	0	0	0	0	0	0	0	0	0	0	341	
	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	
	Alu-Alu/Kacang-Kacang	89	0	0	0	0	18	0	0	0	0	0	0	0	0	107	
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Bawal	862	454	0	0	0	538	0	13	0	0	0	0	341	0	0	2,208

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

	Belanak/Kedera	0	0	0	0	73	0	1	0	0	0	0	0	0	0	74
	Cemin/Sagai/Cupak	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
	Cincaru	961	541	0	0	111	0	0	0	1	0	0	0	0	0	1,614
	Demudok/Rambai	112	0	0	0	18	0	0	0	0	0	0	0	0	0	130
	Kurau/Senangin/Senohong	49	0	0	0	286	0	1	0	0	0	0	0	0	0	336
	Pelata/Selar	450	51	0	0	93	0	0	0	0	0	0	27	0	0	621
	Selar Kuning/Lolong	22	196	0	0	0	0	0	0	0	0	0	10	0	0	228
	Selayang/Curut	91	8	0	0	18	0	0	0	0	0	0	1	0	0	118
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	178	0	0	0	180	0	0	0	0	0	0	0	0	0	358
35	Bilis/Bunga Air	58	0	0	0	16	0	10	0	0	0	0	0	0	0	84
	Parang-Parang	43	0	0	0	307	0	0	0	0	0	0	0	0	0	350
	Tamban	41	14	0	0	1,461	0	0	0	0	0	0	35	0	0	1,551
	Bulan	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
36	Aya/Kayu/Tongkol	12	613	0	0	1,038	0	0	0	446	0	0	0	0	0	2,109
	Layaran/Mersuji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	1,574	729	0	0	1,304	0	0	0	0	0	0	3	0	0	3,610
	Tenggiri	1,167	2	0	0	1,475	0	0	0	62	0	0	0	0	0	2,706
	Timah/Layor/Selayor	1,136	0	0	0	229	0	0	0	0	0	0	0	0	0	1,365
38	Pari	1,889	0	0	0	177	0	8	0	32	0	0	0	0	0	2,106
	Yu	1,293	0	0	0	970	0	2	0	6	0	0	0	0	0	2,271
39	Ikan Baja	11,537	0	0	0	1	0	1	0	0	693	0	0	0	0	12,232
	Ikan Campur	7494	789	0	0	1985	0	383	0	40	145	1206	119	0	4	12,165
	Jebong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Ketam	95	0	0	0	212	0	0	148	0	0	0	0	0	13	468
45	Udang Karang/Lobok	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
	Udang Putih	1,607	5	0	0	1,315	0	67	0	0	16	0	5	0	0	3,015
	Udang Minyak	79	0	0	0	0	0	0	0	0	0	0	0	0	0	79
	Udang Merah Ros	21	0	0	0	0	0	0	0	0	0	0	0	0	0	21
	Udang Kulit Keras	1,343	1	0	0	0	0	2	0	0	150	0	0	0	0	1,496
	Udang Harimau	5	0	0	0	0	0	2	0	0	0	0	0	0	0	7
	Lain-Lain Jenis Udang	6,521	0	0	0	0	0	39	0	0	1,936	0	145	0	0	8,641
	Udang Baring	0	0	0	0	205	0	142	0	0	396	0	242	0	0	985
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	71	0	71
57	Sotong Kereta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sotong Katak	173	0	0	0	3	0	0	0	0	0	0	0	0	0	176
	Sotong Biasa	2,391	0	0	0	24	0	0	0	0	0	0	0	0	0	2,415
76	Ubur-Ubur	4,528	0	0	0	27	0	0	0	0	2,027	33	5,689	0	20	12,324
	Jumlah Tan M/Total Tonnes	54,034	3,403	0	0	14,797	0	767	148	1,763	5,363	1,239	6,619	71	37	88,241

SABAH
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1992
(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) <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	60	0	0	7	16	15	48	0	0	0	0	0	0	0	146
	Puput/B. Mata/Tirok	703	74	0	0	100	0	0	0	1	0	3	0	0	0	881
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	49	0	0	0	876	0	30	57	593	0	0	0	0	0	1,605
31	Lidah	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11
	Sebelah	457	0	0	0	73	0	22	0	23	0	0	0	0	0	575
33	Bayan	71	0	0	0	121	0	8	0	33	0	0	0	0	0	233
	Biji Nangka	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
	Daun Baharu	87	0	0	1	5	0	0	0	44	0	0	0	0	4	141
	Delah/Pinang-Pinang	5	0	0	20	154	0	3	3	1,101	0	0	0	0	80	1,366
	Duri/Pulutan/Utik	596	0	0	0	1,647	0	103	37	368	0	0	0	0	0	2,751
	Dengkis/Debam	20	4	0	40	284	0	125	79	70	0	1	0	0	3	626
	Gelama/Tengkerong/Selampai	500	50	0	23	375	0	73	0	183	0	0	0	0	16	1,220
	Gerut-Gerut	271	0	0	0	29	0	38	0	41	0	0	0	0	0	379
	Jenahak	59	0	0	9	907	0	7	53	1,350	0	0	0	0	1	2,386
	Kaci	6	0	0	1	0	0	1	15	11	0	0	0	0	0	34
	Kerapu	360	0	0	0	771	2,758	98	104	94	0	0	0	0	6	4,191
	Kerisi	2,752	0	0	0	694	0	18	11	595	0	0	0	0	0	4,070
	Kerisi Bali	307	0	0	0	0	0	0	0	59	0	0	0	0	0	366
	Kikek	860	0	0	0	288	4	57	0	0	0	0	0	0	0	1,209
	Malong	163	0	0	0	0	0	18	0	72	0	0	0	0	0	253
	Merah	812	8	0	0	1,405	0	4	129	1,847	0	15	0	0	7	4,227
	Mengkerong/Conor/Ubi-Ubi	686	0	0	0	287	0	15	0	1	0	0	0	0	0	989
	Remong/Kunyit-Kunyit/Tanda	13	0	0	0	0	0	30	44	214	0	0	0	0	0	301
	Semilang	8	0	0	0	0	0	94	90	73	0	0	0	0	0	265
	Shrumbu/Lemah	3	0	0	0	535	0	0	0	0	0	0	0	0	0	538
	Puntong Damar/Bulus	0	0	0	0	1	0	0	0	21	0	0	0	0	0	22
	Pasir-Pasir/Timun-Timun	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
34	Alu-Alu/Kacang-Kacang	399	29	0	1	157	4	44	0	567	0	0	0	0	4	1,205
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	102	14	0	0	1,373	521	59	3	0	0	0	0	0	0	2,072

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

	Belanak/Kedera	40	0	0	40	1,448	4	68	0	0	0	4	0	0	0	1,604
	Cemin/Sagai/Cupak	4	0	0	0	1	0	0	0	0	0	0	0	0	0	5
	Cincaru	277	88	0	0	675	631	0	0	411	0	0	0	5	0	2,087
	Demudok/Rambai	1,083	0	0	5	1,142	101	57	41	1,105	0	8	0	0	19	3,561
	Kurau/Senangin/Senohong	115	0	0	22	1,577	0	42	0	682	0	3	0	0	0	2,441
	Pelata/Selar	244	758	0	0	53	1,034	0	0	593	0	4	0	12	6	2,704
	Selar Kuning/Lolong	291	8	0	0	7	235	3	0	0	0	2	0	0	0	546
	Selayang/Curut	500	3,127	0	1	153	5,269	0	0	93	0	0	0	0	0	9,143
	Pisang-Pisang	0	0	0	0	75	0	0	0	141	0	0	0	0	1	217
	Talang	179	4	0	14	580	89	53	0	65	0	0	0	0	0	984
35	Bilis/Bunga Air	1	0	1,178	0	0	1,887	29	0	0	0	0	0	0	0	3,095
	Parang-Parang	6	0	0	0	131	0	0	0	1	0	0	0	0	0	138
	Tamban	14	2,375	0	0	34	2,779	41	0	38	0	0	0	0	0	5,281
	Bulan-Bulan	7	1	0	0	15	0	25	0	0	0	0	0	0	0	48
36	Aya/Kayu/Tongkol	28	2,721	0	7,489	3,928	3	0	0	831	0	0	0	0	0	15,000
	Layaran/Mersuji	0	0	0	0	124	0	0	0	272	0	0	0	0	0	396
37	Kembong/Temenong/Pelaling	1,343	6,812	0	26	2,437	1,792	55	0	797	0	0	0	46	29	13,337
	Tenggiri	165	638	0	0	5,327	2,535	8	0	3,615	0	0	0	0	0	12,288
	Timah/Layor/Selayor	91	13	0	0	352	3	9	0	10	0	0	0	0	0	478
38	Pari	720	1	0	23	105	0	62	0	296	0	1	0	0	4	1,212
	Yu	558	2	0	10	854	0	7	0	367	0	0	0	0	0	1,798
39	Ikan Baja	6,934	301	0	0	0	147	25	0	15	0	0	0	0	0	7,422
	Ikan Campur	2,963	1,292	0	517	1,029	7	43	2	359	0	0	0	0	0	6,212
	Jebong	276	0	0	0	23	4	8	0	22	0	1	0	0	0	334
42	Ketam	1,099	0	0	1	186	0	108	155	0	0	3	0	0	1,190	2,742
45	Udang Karang/Lobok	38	0	0	0	4	0	0	115	46	0	0	0	0	4	207
	Udang Putih	6,244	0	0	6	2,739	0	0	0	0	0	11	0	0	319	9,319
	Udang Minyak	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
	Udang Merah Ros	1,860	0	0	0	2	0	0	0	0	0	0	0	0	0	1,862
	Udang Kulit Keras	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	Udang Harimau	1,598	0	0	0	19	0	25	0	0	0	0	0	0	0	1,642
	Lain-Lain Jenis Udang	3,566	0	0	0	314	0	98	0	0	0	38	0	0	2	4,018
	Udang Baring	164	0	0	0	0	0	0	0	0	0	0	0	0	0	164
56	Siput/Kepah/Kupang/Tiram	210	0	0	0	0	0	0	0	0	0	0	0	2,627	1	2,838
57	Sotong Kereta	208	0	0	0	0	25	0	0	0	0	0	0	0	15	248
	Sotong Katak	1,268	3	0	0	0	0	13	0	45	0	0	0	0	14	1,343
	Sotong Biasa	753	99	0	1	15	11	90	0	199	0	0	0	0	7	1,175
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	42,256	18,422	1,178	8,257	33,447	19,858	1,764	938	17,364	0	94	0	2,690	1,732	148,000

LABUAN
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN SPESIES IKAN, 1992
LANDINGS OF MARINE FISH BY GEAR GROUP AND SPECIES, 1992
 (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) <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	21	0	0	0	0	0	0	0	0	0	0	0	0	0	21
	Puput/B. Mata/Tirok	17	0	0	0	44	0	0	0	0	0	0	0	0	0	61
	Terubok	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Siakap	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3
31	Lidah	18	0	0	0	1	0	0	0	0	0	0	0	0	0	19
	Sebelah	77	0	0	0	46	0	8	2	0	0	0	0	0	0	133
33	Bayan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Biji Nangka	140	0	0	0	0	0	0	0	0	0	0	0	0	0	140
	Dauu Baharu	77	0	0	0	37	0	10	3	0	0	0	0	0	0	127
	Delah/Pinang-Pinang	23	0	0	0	70	0	11	10	79	0	0	0	0	0	193
	Duri/Pulutan/Utik	74	0	0	0	137	0	14	2	40	0	0	0	0	0	267
	Dengkis/Debam	41	0	0	0	185	0	58	7	21	0	0	0	0	0	312
	Gelama/Tengkerong/Selampai	270	0	0	0	2	0	10	0	0	0	0	0	0	0	282
	Gerut-Gerut	72	0	0	0	47	0	10	7	49	0	0	0	0	0	185
	Jenahak	57	0	0	0	57	0	0	15	72	0	0	0	0	0	201
	Kaci	29	0	0	0	44	0	9	7	139	0	0	0	0	0	228
	Kerapu	42	0	0	0	63	0	12	13	584	0	0	0	0	0	714
	Kerisi	327	0	0	0	0	0	0	0	3	0	0	0	0	0	330
	Kerisi Bali	6	0	0	0	0	0	0	0	842	0	0	0	0	0	848
	Kikek	107	0	0	0	38	0	20	0	0	0	0	0	0	0	165
	Malong	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Merah	37	0	0	0	0	0	0	25	1,016	0	0	0	0	0	1,078
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	169	0	0	0	57	0	21	9	109	0	0	0	0	0	365
	Semilang	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
	Shrumbu/Lemah	11	0	0	0	3	0	4	0	0	0	0	0	0	0	18
	Puntong Damar/Bulus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	25	0	0	0	15	0	7	0	0	0	0	0	0	0	47
34	Alu-Alu/Kacang-Kacang	165	6	0	0	74	0	7	0	0	0	0	0	0	0	252
	Aruan Tasik	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bawal	30	68	0	0	173	279	0	1	0	0	0	0	0	0	551

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

	Belanak/Kedera	6	0	0	0	91	0	16	1	0	0	0	0	0	114
	Cermin/Sagai/Cupak	48	0	0	0	135	0	11	13	218	0	0	0	0	425
	Cincaru	15	120	0	0	557	59	0	0	0	0	0	0	0	751
	Demudok/Rambai	73	0	0	0	5	0	22	0	1	0	0	0	0	101
	Kurau/Senangin/Senohong	11	0	0	0	6	0	0	0	0	0	0	0	0	17
	Pelata/Selar	137	106	0	0	67	103	0	0	0	0	0	0	0	413
	Selar Kuning/Lolong	133	26	0	0	1	95	0	0	0	0	0	0	0	255
	Selayang/Curut	7	92	0	0	4	101	0	0	0	0	0	0	0	204
	Pisang-Pisang	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Talang	7	0	0	0	228	0	0	2	52	0	0	0	0	289
35	Bilis/Bunga Air	0	0	0	0	0	0	0	0	0	0	0	0	45	45
	Parang-Parang	14	2	0	0	63	0	0	0	0	0	0	0	0	79
	Tamban	0	256	0	0	2	106	0	0	0	0	0	0	0	364
	Bulan-Bulan	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	18	1,159	0	0	448	0	0	0	73	0	0	0	0	1,698
	Layaran/Mersuji	0	0	0	0	113	0	0	0	0	0	0	0	0	113
37	Kembong/Temenong/Pelaling	156	1,034	0	0	381	92	0	0	73	0	0	0	0	1,736
	Tenggiri	27	521	0	0	713	3	0	0	175	0	0	0	0	1,439
	Timah/Layor/Selayor	1	0	0	0	38	1	0	0	0	0	0	0	0	39
38	Pari	191	0	0	0	12	0	8	0	0	0	0	0	0	211
	Yu	131	0	0	0	186	0	0	0	0	0	0	0	0	317
39	Ikan Baja	801	144	0	0	0	0	0	0	0	0	0	0	0	945
	Ikan Campur	358	0	0	0	110	0	30	8	44	0	0	0	0	550
	Jebong	23	0	0	0	7	0	4	4	0	0	0	0	0	38
42	Ketam	120	0	0	0	0	0	8	0	0	0	0	0	0	128
45	Udang Karang/Lobok	35	0	0	0	0	0	0	0	0	0	0	0	0	35
	Udang Putih	436	0	0	0	0	0	0	0	0	0	0	0	0	436
	Udang Minyak	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
	Udang Kulit Keras	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Udang Harimau	55	0	0	0	0	0	0	0	0	0	0	0	0	55
	Lain-Lain Jenis Udang	1,955	0	0	0	0	0	0	0	0	0	0	0	25	1,980
	Udang Baring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Sotong Kereta	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	Sotong Katak	241	0	0	0	0	0	0	0	0	0	0	0	0	241
	Sotong Biasa	169	7	0	0	0	0	0	0	0	0	0	0	0	176
76	Ubur-Ubur	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jumlah Tan M/Total Tonnes	7,005	3,541	0	0	4,261	838	309	129	3,590	0	0	0	70	19,743

JADUAL (TABLE) 4.7

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
 USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1992
 FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1992

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	65,409	14,691	31,804	9,318	6,587	3,009
	Cumulative no. of trips	11,385,688	2,677,411	6,693,962	1,347,054	564,684	102,577
	Cumulative no. of days	13,942,762	2,681,763	6,859,763	2,146,170	1,577,452	677,614
	Cumulative no. of hauls	43,319,076	7,679,959	20,795,311	7,322,774	5,379,739	2,141,293
24	Kebasi/Selangat	680	12	406	211	44	7
	Puput/B. Mata/Tirok	2,770	9	494	1,023	841	403
	Terubok	0	0	0	0	0	0
25	Siakap	26	0	6	16	2	2
31	Lidah	2,170	263	901	608	316	82
	Sebelah	840	34	229	234	214	129
33	Bayan	30	2	9	8	2	9
	Biji Nangka	4,682	20	1,226	945	1,815	676
	Daun Baharu	155	3	55	60	30	7
	Delah/Pinang-Pinang	63	0	1	6	9	47
	Duri/Pulutan/Utik	4,670	110	935	1,440	1,167	1,018
	Dengkis/Debam	448	10	49	84	183	122
	Gelama/Tengkerong/Selampai	8,721	438	2,192	3,963	1,791	337
	Gerut-Gerut	404	17	63	177	111	36
	Jenahak	633	0	24	50	511	48
	Kaci	511	2	50	65	169	225
	Kerapu	2,827	135	868	553	821	450
	Kerisi	18,881	365	3,076	3,930	7,487	4,023
	Kerisi Bali	1,996	0	19	233	729	1,015
	Kikek	354	4	167	144	23	16
	Malong	1,163	56	535	270	204	98
	Merah	2,068	6	112	253	593	1,104
	Mengkerong/Conor/Ubi-Ubi	4,726	170	690	984	1,816	1,066
	Remong/Kunyit-Kunyit/Tanda	1,677	22	259	353	499	544
	Semilang	161	10	32	43	39	37
	Shrumbu/Lemah	231	0	22	25	101	83
	Puntong Damar/Bulus	1,625	256	523	287	414	145
	Pasir-Pasir/Timun-Timun	621	47	347	101	57	69
34	Alu-Alu/Kacang-Kacang	1,894	58	440	530	560	306
	Aruan Tasik	282	1	67	59	78	77
	Bawal	3,546	297	1,806	968	372	103

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

	Belanak/Kedera	97	21	52	16	7	1
	Cermin/Sagai/Cupak	1,556	7	303	295	366	585
	Cencaru	3,398	1	207	1,472	1,147	571
	Demudok/Rambai	1,040	1	31	420	482	106
	Kurau/Senangin/Senohong	135	2	17	62	35	19
	Pelata/Selar	2,974	4	115	1,195	1,139	521
	Selar Kuning/Lolong	7,922	170	621	2,207	2,697	2,227
	Selayang/Curut	1,680	0	1	276	927	476
	Pisang-Pisang	55	0	2	36	13	4
	Talang	269	0	45	157	47	20
35	Bilis/Bunga Air	161	11	112	16	15	7
	Parang-Parang	2,126	67	515	818	561	165
	Tamban	1,209	15	546	442	172	34
	Bulan-Bulan	13	0	0	1	1	11
36	Aya/Kayu/Tongkol	63	0	0	19	18	26
	Layaran/Mersuji	53	0	0	11	33	9
37	Kembong/Temenong/Pelaling	16,345	102	3,752	6,513	4,782	1,196
	Tenggiri	2,387	32	353	909	736	357
	Timah/Layor/Selayor	6,944	145	688	1,741	3,054	1,316
38	Pari	8,138	635	2,117	1,547	2,737	1,102
	Yu	2,054	74	444	515	657	364
39	Ikan Baja	227,142	13,057	46,708	60,643	62,390	44,344
	Ikan Campur	16,256	779	3,398	3,578	3,656	4,845
	Jebong	1,589	4	10	255	873	447
42	Kelam	2,950	578	1,282	552	411	127
45	Udang Karang/Lobak	725	49	202	141	163	170
	Udang Putih/Kaki Merah	1,329	132	1,052	127	16	2
	Udang Minyak	18,577	4,187	14,299	81	5	5
	Udang Merah Ros	945	389	554	2	0	0
	Udang Kulit Keras	3,477	1,083	2,274	108	12	0
	Udang Harimau	343	111	121	74	31	6
	Lain-Lain Jenis Udang	27,093	6,760	18,165	1,542	528	98
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	557	108	241	110	56	42
	Sotong Katak	12,915	553	2,261	4,069	4,006	2,026
	Sotong Biasa	27,274	1,205	4,666	8,563	7,761	5,079
76	Ubur-Ubur	454	123	331	0	0	0
	Jumlah Tan M./Total Tonnes	469,100	32,752	121,088	116,136	120,532	78,592

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, 1992
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1992

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	50,224	11,458	26,524	6,691	4,552	999
	Cumulative no. of trips	9,745,847	2,103,235	5,931,550	1,201,533	473,515	36,014
	Cumulative no. of days	10,953,764	2,103,235	5,953,406	1,559,946	1,115,409	221,768
	Cumulative no. of hauls	32,884,977	5,849,824	17,327,000	5,164,669	3,862,679	680,805
24	Kebasi/Selangat	640	10	384	200	42	4
	Puput/B. Mata/Tirok	2,475	8	421	1,023	817	206
	Terubok	0	0	0	0	0	0
25	Siakap	20	0	4	16	0	0
31	Lidah	1,890	242	733	566	290	59
	Sebelah	281	16	22	109	103	31
33	Bayan	0	0	0	0	0	0
	Biji Nangka	2,523	11	69	686	1,632	125
	Daun Baharu	63	2	26	21	14	0
	Delah/Pinang-Pinang	3	0	0	0	2	1
	Duri/Pulutan/Utik	1,653	44	244	694	520	151
	Dengkis/Debam	146	0	0	13	101	32
	Gelama/Tengkerong/Selampai	7,411	339	1,799	3,495	1,545	233
	Gerut-Gerut	321	16	31	148	100	26
	Jenahak	179	0	23	44	80	32
	Kaci	52	0	0	13	36	3
	Kerapu	1,858	116	569	427	628	118
	Kerisi	9,122	216	977	1,772	4,871	1,286
	Kerisi Bali	428	0	1	22	340	65
	Kikek	75	0	1	69	4	1
	Malong	979	44	489	248	161	37
	Merah	456	0	3	50	336	67
	Mengkerong/Conor/Ubi-Ubi	3,665	161	433	726	1,650	695
	Remong/Kunyit-Kunyit/Tanda	169	0	2	30	104	33
	Semilang	97	5	28	22	23	19
	Shrumbu/Lemah	207	0	0	24	101	82
	Puntong Damar/Bulus	908	159	309	141	274	25
	Pasir-Pasir/Timun-Timun	13	0	1	7	4	1
34	Alu-Alu/Kacang-Kacang	1,120	54	324	332	338	72
	Aruan Tasik	119	0	50	22	29	18
	Bawal	3,401	291	1,729	963	348	70

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

	Belanak/Kedera	93	19	51	16	7	0
	Cermin/Sagai/Cupak	119	0	32	38	36	13
	Cencaru	2,128	0	167	1,125	719	117
	Demudok/Rambai	901	0	16	399	448	38
	Kurau/Senangin/Senohong	121	2	15	61	33	10
	Pelata/Selar	1,850	2	63	962	752	71
	Selar Kuning/Lolong	1,855	0	17	598	1,144	96
	Selayang/Curut	1,083	0	0	227	778	78
	Pisang-Pisang	41	0	0	34	6	1
	Talang	229	0	43	143	36	7
35	Bilis/Bunga Air	98	11	79	5	0	3
	Parang-Parang	1,623	37	407	679	439	61
	Tamban	1,140	15	508	422	170	25
	Bulan-Bulan	1	0	0	0	0	1
36	Aya/Kayu/Tongkol	26	0	0	13	11	2
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	14,600	80	3,159	6,303	4,382	676
	Tenggiri	1,557	20	293	700	483	61
	Timah/Layor/Selayor	5,972	130	419	1,613	2,834	976
38	Pari	3,869	254	791	494	1,867	463
	Yu	658	17	134	197	250	60
39	Ikan Baja	130,927	7,894	32,149	39,697	38,953	12,234
	Ikan Campur	6,510	627	2,110	951	1,759	1,063
	Jebong	1,115	0	0	206	743	166
42	Ketam	2,082	464	1,038	358	173	49
45	Udang Karang/Lobok	21	1	2	5	10	3
	Udang Putih/Kaki Merah	1,094	77	906	98	11	2
	Udang Minyak	17,921	3,949	13,916	48	3	5
	Udang Merah Ros	900	358	542	0	0	0
	Udang Kulit Keras	2,671	687	1,982	2	0	0
	Udang Harimau	115	4	45	42	21	3
	Lain-Lain Jenis Udang	24,771	6,089	17,208	1,138	279	57
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	438	70	238	95	29	6
	Sotong Katak	6,763	295	1,350	2,313	2,244	561
	Sotong Biasa	17,751	921	2,987	7,823	5,029	991
76	Ubur-Ubur	454	123	331	0	0	0
	Jumlah Tan M./Total Tonnes	291,771	23,880	89,670	78,688	78,142	21,391

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, 1992
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE CLASS AND SPECIES, 1992

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	15,185	3,233	5,280	2,627	2,035	2,010
	Cumulative no. of trips	1,639,841	574,176	762,412	145,521	91,169	66,563
	Cumulative no. of days	2,988,998	578,528	906,357	586,224	462,043	455,846
	Cumulative no. of hauls	10,434,099	1,830,135	3,468,311	2,158,105	1,517,060	1,460,488
24	Kebasi/Selangat	40	2	22	11	2	3
	Puput/B. Mata/Tirok	295	1	73	0	24	197
	Terubok	0	0	0	0	0	0
25	Siakap	6	0	2	0	2	2
31	Lidah	280	21	168	42	26	23
	Sebelah	559	18	207	125	111	98
33	Bayan	30	2	9	8	2	9
	Biji Nangka	2,159	9	1,157	259	183	551
	Daun Baharu	92	1	29	39	16	7
	Delah/Pinang-Pinang	60	0	1	6	7	46
	Duri/Pulutan/Utik	3,017	66	691	746	647	867
	Dengkis/Debam	302	10	49	71	82	90
	Gelama/Tengkerong/Selampai	1,310	99	393	468	246	104
	Gerut-Gerut	83	1	32	29	11	10
	Jenahak	454	0	1	6	431	16
	Kaci	459	2	50	52	133	222
	Kerapu	969	19	299	126	193	332
	Kerisi	9,759	149	2,099	2,158	2,616	2,737
	Kerisi Bali	1,568	0	18	211	389	950
	Kikek	279	4	166	75	19	15
	Malong	184	12	46	22	43	61
	Merah	1,612	6	109	203	257	1,037
	Mengkerong/Conor/Ubi-Ubi	1,061	9	257	258	166	371
	Remong/Kunyit-Kunyit/Tanda	1,508	22	257	323	395	511
	Semilang	64	5	4	21	16	18
	Shrumbu/Lemah	24	0	22	1	0	1
	Puntong Damar/Bulus	717	97	214	146	140	120
	Pasir-Pasir/Timun-Timun	608	47	346	94	53	68
34	Alu-Alu/Kacang-Kacang	774	4	116	198	222	234
	Aruan Tasik	163	1	17	37	49	59
	Bawal	145	6	77	5	24	33

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

	Belanak/Kedera	4	2	1	0	0	1
	Cermin/Sagai/Cupak	1,437	7	271	257	330	572
	Cencaru	1,270	1	40	347	428	454
	Demudok/Rambai	139	1	15	21	34	68
	Kurau/Senangin/Senohong	14	0	2	1	2	9
	Pelata/Selar	1,124	2	52	233	387	450
	Selar Kuning/Lolong	6,067	170	604	1,609	1,553	2,131
	Selayang/Curut	597	0	1	49	149	398
	Pisang-Pisang	14	0	2	2	7	3
	Talang	40	0	2	14	11	13
35	Bilis/Bunga Air	63	0	33	11	15	4
	Parang-Parang	503	30	108	139	122	104
	Tamban	69	0	38	20	2	9
	Bulan-Bulan	12	0	0	1	1	10
36	Aya/Kayu/Tongkol	37	0	0	6	7	24
	Layaran/Mersuji	53	0	0	11	33	9
37	Kembong/Temenong/Pelaling	1,745	22	593	210	400	520
	Tenggiri	830	12	60	209	253	296
	Timah/Layor/Selayor	972	15	269	128	220	340
38	Pari	4,269	381	1,326	1,053	870	639
	Yu	1,396	57	310	318	407	304
39	Ikan Baja	96,215	5,163	14,559	20,946	23,437	32,110
	Ikan Campur	9,746	152	1,288	2,627	1,897	3,782
	Jebong	474	4	10	49	130	281
42	Ketam	868	114	244	194	238	78
45	Udang Karang/Lobok	704	48	200	136	153	167
	Udang Putih/Kaki Merah	235	55	146	29	5	0
	Udang Minyak	656	238	383	33	2	0
	Udang Merah Ros	45	31	12	2	0	0
	Udang Kulit Keras	806	396	292	106	12	0
	Udang Harimau	228	107	76	32	10	3
	Lain-Lain Jenis Udang	2,322	671	957	404	249	41
	Udang Baring	0	0	0	0	0	0
56	Siput/Kepah/Kupang/Tiram	0	0	0	0	0	0
57	Sotong Kereta	119	38	3	15	27	36
	Sotong Katak	6,152	258	911	1,756	1,762	1,465
	Sotong Biasa	9,523	284	1,679	740	2,732	4,088
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	177,329	8,872	31,418	37,448	42,390	57,201

JADUAL (TABLE) 4.8

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT JERUT MENGIKUT KELAS MUATAN DAN SPESIES IKAN, 1992
FISHING EFFORTS AND LANDINGS OF FISH PURSE SEINES BY TONNAGE CLASS AND SPECIES, 1992

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	5,516	107	992	1,088	2,276	1,053
	Cumulative No. of trips	742,379	12,444	156,973	150,309	383,913	38,740
	Cumulative No. of days	1,053,245	12,491	158,905	190,273	516,976	174,600
	Cumulative No. of hauls	2,349,068	33,408	491,680	528,277	1,034,689	261,014
24	Kebasi/Selangat	113	75	0	31	7	0
	Puput/B. Mata/Tirok	61	0	0	0	59	2
	Terubok	0	0	0	0	0	0
25	Siakap	0	0	0	0	0	0
31	Lidah	0	0	0	0	0	0
	Sebelah	0	0	0	0	0	0
33	Bayan	0	0	0	0	0	0
	Biji Nangka	0	0	0	0	0	0
	Daun Baharu	0	0	0	0	0	0
	Delah/Pinang-Pinang	23	0	21	2	0	0
	Duri/Pulutan/Utik	28	11	0	12	1	4
	Dengkis/Debam	3	0	0	0	2	1
	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	14	0	0	3	0	11
	Malong	0	0	0	0	0	0
	Merah	31	0	0	0	0	31
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	13	0	13	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	98	1	21	23	39	14
	Aruan Tasik	13	0	0	0	0	13

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

	Bawal	425	0	41	149	71	164
	Belanak/Kedera	322	317	0	5	0	0
	Cermin/Sagai/Cupak	114	0	30	7	4	73
	Cencaru	3,087	32	160	479	1,248	1,168
	Demudok/Rambai	327	0	62	11	150	104
	Kurau/Senangin/Senahong	0	0	0	0	0	0
	Pelata/Selar	5,857	0	1,308	1,040	2,462	1,047
	Selar Kuning/Lolong	10,088	0	1,792	1,841	4,215	2,240
	Selayang/Curut	32,702	0	1,879	4,051	10,830	15,942
	Pisang-Pisang	191	0	0	22	108	61
	Talang	42	1	23	8	10	0
35	Bilis/Bunga Air	147	0	0	147	0	0
	Parang-Parang	15	15	0	0	0	0
	Tamban	12,634	0	2,165	2,812	6,057	1,600
	Bulan-Bulan	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	10,843	0	715	938	6,761	2,429
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	25,991	144	1,930	8,031	13,197	2,689
	Tenggiri	518	5	321	61	48	83
	Timah/Layor/Selayor	48	0	7	1	8	32
38	Pari	1	1	0	0	0	0
	Yu	3	2	0	0	0	1
39	Ikan Baja	4,166	761	39	889	277	2,200
	Ikan Campur	864	0	86	274	302	202
	Jebong	0	0	0	0	0	0
42	Ketam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih/Kaki Merah	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	32	0	0	32	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	573	0	59	182	289	43
76	Ubur-Ubur	0	0	0	0	0	0
			0	0	0	0	
	Jumlah Tan M./Total Tonnes	109,387	1,365	10,672	21,051	46,145	30,154

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, 1992
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINERS BY TONNAGE CLASS AND SPECIES, 1992

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	2,068	60	12	525	1,136	335
	Cumulative No. of trips	385,793	11,880	2,544	96,174	260,788	14,407
	Cumulative No. of days	535,296	11,880	2,544	111,620	338,603	70,649
	Cumulative No. of hauls	932,638	32,280	7,632	281,230	554,087	57,409
24	Kebasi/Selangat	111	73	0	31	7	0
	Puput/B. Mata/Tirok	61	0	0	0	59	2
	Terubok	0	0	0	0	0	0
25	Siakap	0	0	0	0	0	0
31	Lidah	0	0	0	0	0	0
	Sebelah	0	0	0	0	0	0
33	Bayan	0	0	0	0	0	0
	Biji Nangka	0	0	0	0	0	0
	Daun Baharu	0	0	0	0	0	0
	Delah/Pinang-Pinang	0	0	0	0	0	0
	Duri/Pulutan/Utik	3	0	0	0	1	2
	Dengkis/Debam	3	0	0	0	2	1
	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	0	0	0	0	0	0
	Malong	0	0	0	0	0	0
	Merah	0	0	0	0	0	0
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	0	0	0	0	0	0
	Semilang	0	0	0	0	0	0
	Shrumbu/Lemah	0	0	0	0	0	0
	Puntong Damar/Bulus	0	0	0	0	0	0
	Pasir-Pasir/Timun-Timun	0	0	0	0	0	0
34	Alu-Alu/Kacang-Kacang	35	0	0	13	15	7
	Aruan Tasik	13	0	0	0	0	13

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

	Bawal	279	0	0	138	69	72
	Belanak/Kedera	322	317	0	5	0	0
	Cemin/Sagai/Cupak	10	0	0	0	1	9
	Cencaru	1,781	0	0	332	1,041	408
	Demudok/Rambai	82	0	0	0	82	0
	Kurau/Senangin/Senohong	0	0	0	0	0	0
	Pelata/Selar	902	0	0	39	623	240
	Selar Kuning/Lolong	853	0	0	153	399	301
	Selayang/Curut	5,886	0	0	897	2,859	2,130
	Pisang-Pisang	191	0	0	22	108	61
	Talang	4	0	0	0	4	0
35	Bilis/Bunga Air	147	0	0	147	0	0
	Parang-Parang	0	0	0	0	0	0
	Tamban	4,138	0	7	1,112	2,569	450
	Bulan-Bulan	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	7,644	0	0	639	5,949	1,056
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	17,245	142	77	6,271	9,277	1,478
	Tenggiri	144	0	0	43	33	68
	Timah/Layor/Selayor	36	0	0	0	7	29
38	Pari	0	0	0	0	0	0
	Yu	0	0	0	0	0	0
39	Ikan Baja	3,312	761	39	879	264	1,369
	Ikan Campur	496	0	0	223	121	152
	Jebong	0	0	0	0	0	0
42	Ketam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih/Kaki Merah	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	29	0	0	29	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	233	0	0	123	72	38
76	Ubur-Ubur	0	0	0	0	0	0
	Jumlah Tan M./Total Tonnes	43,960	1,293	123	11,096	23,562	7,886

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, 1992
FISHING EFFORT AND LANDINGS OF FISH PURSE SEINERS BY TONNAGE CLASS AND SPECIES, 1992

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	3,448	47	980	563	1,140	718
	Cumulative No. of trips	356,586	564	154,429	54,135	123,125	24,333
	Cumulative No. of days	517,949	611	156,361	78,653	178,373	103,951
	Cumulative No. of hauls	1,416,430	1,128	484,048	247,047	480,602	203,605
24	Kebasi/Selangat	2	2	0	0	0	0
	Puput/B. Mata/Tirok	0	0	0	0	0	0
	Terubok	0	0	0	0	0	0
25	Siakap	0	0	0	0	0	0
31	Lidah	0	0	0	0	0	0
	Sebelah	0	0	0	0	0	0
33	Bayan	0	0	0	0	0	0
	Biji Nangka	0	0	0	0	0	0
	Daun Baharu	0	0	0	0	0	0
	Delah/Pinang-Pinang	23	0	21	2	0	0
	Duri/Pulutan/Utik	25	11	0	12	0	2
	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	14	0	0	3	0	11
	Malong	0	0	0	0	0	0
	Merah	31	0	0	0	0	31
	Mengkerong/Conor/Ubi-Ubi	0	0	0	0	0	0
	Remong/Kunyit-Kunyit/Tanda	13	0	13	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	63	1	21	10	24	7
	Arvan Tasik	0	0	0	0	0	0

Samb. Dari Jadual 4.8.2..

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

	Bawal	146	0	41	11	2	92
	Belanak/Kedera	0	0	0	0	0	0
	Cermin/Sagai/Cupak	104	0	30	7	3	64
	Cencaru	1,306	32	160	147	207	760
	Demudok/Rambai	245	0	62	11	68	104
	Kurau/Senangin/Senohong	0	0	0	0	0	0
	Pelata/Selar	4,955	0	1,308	1,001	1,839	807
	Selar Kuning/Lolong	9,235	0	1,792	1,688	3,816	1,939
	Selayang/Curut	26,816	0	1,879	3,154	7,971	13,812
	Pisang-Pisang	0	0	0	0	0	0
	Talang	38	1	23	8	6	0
35	Bilis/Bunga Air	0	0	0	0	0	0
	Parang-Parang	15	15	0	0	0	0
	Tamban	8,496	0	2,158	1,700	3,488	1,150
	Bulan-Bulan	0	0	0	0	0	0
36	Aya/Kayu/Tongkol	3,199	0	715	299	812	1,373
	Layaran/Mersuji	0	0	0	0	0	0
37	Kembong/Temenong/Pelaling	8,746	2	1,853	1,760	3,920	1,211
	Tenggiri	374	5	321	18	15	15
	Timah/Layor/Selayor	12	0	7	1	1	3
38	Pari	1	1	0	0	0	0
	Yu	3	2	0	0	0	1
39	Ikan Baja	854	0	0	10	13	831
	Ikan Campur	368	0	86	51	181	50
	Jebong	0	0	0	0	0	0
42	Ketam	0	0	0	0	0	0
45	Udang Karang/Lobok	0	0	0	0	0	0
	Udang Putih/Kaki Merah	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	3	0	0	3	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	340	0	59	59	217	5
76	Ubur-Ubur	0	0	0	0	0	0
			0	0	0	0	
	Jumlah Tan M./Total Tonnes	65,427	72	10,549	9,955	22,583	22,268

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN TRIP MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1992
FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR AND STATE, 1992

JADUAL (TABLE) 5.1

Jenis Perkakas	Pukat Tunda Trawl Nets					Pukat Tarik (Seine Nets)										Pukat Manyut	Pukat Tangguk	Perangkap- Perangkap Traps		Pancing	Pukat Bakul	Pukat Rentang	Pukat Surung	Memungut Siput	Rampai- neous	
						Pukat Jerut Ikan Purse Seine-Fish					Pukat Jerut Bilis Purse Seine-Anchovy							Lain- Lain Tarik	Pukat Belat- Belat Station- ary							Bubu Portable
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	
Negeri/State																										
Perlis	392,700	274,006	10,295	0	303	0	0	69,598	15,078	10,800	0	0	0	0	0	28,888	1,184,339	0	0	0	10,125	0	13,936	35,532	13,824	40,166
Kedah	386,657	476,938	362,319	132,258	5,808	0	0	0	17,538	1,804	0	0	0	8,360	123,410	119,295	4,991,232	0	0	2,340	306,660	138,600	40,176	6,560	16,830	159,600
P.Pinang/ Penang	0	0	250,498	20,320	1,148	0	2,544	19,928	12,126	1,035	0	0	0	0	0	760,099	21,043,358	0	0	12,566	545,345	268,798	217,541	35,178	1,250	30,655
Perak	533,170	3,749,320	296,361	195,657	26,892	11,880	0	5,544	194,766	768	0	0	0	103,201	0	2,863,560	27,583,292	0	0	120,868	1,112,220	170,310	206,671	642,035	133,584	438,300
Selangor	667,776	1,147,328	268,200	125,280	1,863	0	0	1,104	21,280	0	0	0	0	0	0	36,480	23,604,745	0	28,896	247,790	712,448	936,334	64,527	146,340	238	210,700
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,552	1,196,424	0	0	10,752	33,480	0	0	0	0	5,880
Melaka/ Malacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,640	6,029,460	0	5,760	2,736	258,084	0	4,800	331,200	2,412	17,820
Johor Barat/ West Johore	122,932	283,958	13,860	0	0	0	0	0	0	0	0	0	0	0	0	30	19,627,672	0	41,140	9,125	14,280	2,851	3,128	3,876	0	174,228
Kelantan	0	129,356	8,925	1,152	660	0	0	4,305	5,576	6,528	0	1,160	0	52	0	0	697,816	32,061	237,350	1,587	179,820	0	0	0	0	250,755
Terengganu	75,924	292,672	18,816	512	5,984	0	144,220	38,295	38,309	13,675	5,888	23,653	0	0	810	0	365,335	185,262	0	474,663	3,813,280	0	0	0	0	0
Pahang	374,220	237,568	61,236	46,280	39,429	0	3,861	6,885	45,752	1,580	0	11,880	1,875	2,096	0	0	1,338,805	31,464	0	108,927	377,405	0	0	0	0	0
Johor Timur/ East Johore	124,032	102,816	56,544	43,225	20,490	564	6,348	4,650	33,488	2,550	0	0	0	0	0	0	2,383,096	1,330	190,834	7,018	274,639	309,871	0	0	0	46,762

* GRT - Gross Relative Tonnage

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN HARI MENANGKAP IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1992
FISHING EFFORT:NUMBER OF FISHING DAYS BY TYPE OF GEAR AND STATE, 1992

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	Rampaian 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							Subu Portable
Negeri/State																										
Perlis	392,700	295,862	53,110	0	2,202	0	0	84,456	89,032	61,830	0	0	0	0	0	28,888	2,004,266	0	0	0	18,750	0	13,936	35,532	14,400	40,698
Kedah	386,657	476,938	466,716	228,984	24,186	0	0	0	17,538	6,248	0	0	0	8,360	123,410	119,295	4,819,712	0	0	2,340	310,964	138,600	40,176	6,560	16,830	159,600
P.Pinang/ Penang	0	0	251,495	37,920	4,508	0	2,544	19,928	12,126	1,035	0	0	0	0	0	760,099	21,047,769	0	0	15,678	545,345	162,663	217,541	35,178	1,250	30,655
Perak	533,170	3,749,320	355,365	642,873	185,256	11,880	0	6,132	198,627	1,536	0	0	0	51,681	0	2,863,560	28,231,802	0	0	178,354	1,112,220	189,774	206,671	642,035	133,584	438,300
Selangor	667,776	1,147,328	419,400	205,632	5,616	0	0	1,104	21,280	0	0	0	0	0	0	36,480	23,604,745	0	28,896	332,946	884,224	936,334	64,527	146,340	238	210,700
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,552	1,196,424	0	0	10,752	33,660	0	0	0	0	5,880
Malaka/ Malacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,640	6,029,460	0	5,760	2,736	258,084	0	217,541	331,200	2,412	17,820
Johor Barat/ West Johore	122,932	283,958	13,860	0	0	0	0	0	0	0	0	0	0	0	0	30	19,548,716	0	30,940	9,297	14,280	2,037	3,128	3,876	0	174,228
Kelantan	0	144,418	60,690	13,176	7,260	0	0	11,655	17,384	32,064	0	1,160	0	52	0	0	771,116	35,696	237,350	13,179	326,340	0	0	0	0	250,755
Terengganu	75,924	363,688	63,168	2,784	60,656	0	144,220	53,913	70,088	45,026	5,888	23,653	0	0	810	0	376,981	185,724	0	936,143	4,047,666	0	0	0	0	0
Pahang	374,220	271,360	197,316	187,968	256,794	0	3,861	6,885	45,752	17,222	0	11,880	1,875	2,096	0	0	1,338,805	31,464	0	108,927	474,978	0	0	0	0	0
Johor Timur/ East Johore	128,384	126,891	265,050	258,115	131,136	611	8,280	6,200	45,149	9,639	0	0	0	0	0	0	2,637,915	2,240	237,790	19,481	416,939	309,871	0	0	0	46,762

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN: BILANGAN KALI MEMUKAT IKAN MENGIKUT JENIS PERKAKAS DAN NEGERI, 1992
FISHING EFFORT: NUMBER OF HAULS BY TYPE OF GEAR AND STATE, 1992

JADUAL (TABLE) 5.3

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik (Seine Nets)										Pukat Monyut 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	Belat- Belat Station- ary							Bubu Portable
	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & Above	0-9.9 GRT	10-24.9 GRT	25-39.9 GRT	40-69.9 GRT	70 GRT & above			Belat- Belat Station- ary								
Negeri/State																										
Perlis	1,178,100	812,174	249,830	0	8,889	0	0	207,230	62,466	47,790	0	0	0	0	0	34,776	7,341,830	0	0	0	0	0	14,664	25,956	0	41,762
Kedah	1,126,940	1,430,814	1,653,976	1,030,428	75,680	0	0	0	24,753	6,688	0	0	0	9,158	135,464	1,130,772	7,083,776	0	0	4,068	255,012	266,310	40,176	6,560	16,850	0
P.Pinang/ Penang	0	0	752,492	164,000	13,720	0	7,632	59,784	16,150	1,035	0	0	0	0	0	10,624,493	44,775,960	0	0	12,519	547,992	268,348	217,638	163,500	1,250	30,668
Perak	1,542,530	11,247,960	1,141,191	1,969,275	565,479	32,280	0	12,320	407,550	1,896	0	0	0	481,390	0	8,567,304	62,386,662	0	0	0	0	170,310	303,354	3,521,518	0	0
Selangor	1,756,390	3,272,958	1,341,000	698,976	17,037	0	0	1,896	43,168	0	0	0	0	0	0	504,000	55,123,446	0	58,566	370,638	4,305,664	3,708,338	64,527	2,444,420	4,998	1,351,175
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,948	2,175,696	0	0	75,264	42,300	0	0	0	0	27,000
Malaka/ Malacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46,560	11,155,280	0	5,760	19,152	258,084	0	4,800	27,600	0	495
Johor Barat/ West Johore	245,864	563,094	26,180	0	0	0	0	0	0	0	0	0	0	0	0	240	30,753,362	0	21,420	0	2,890	5,546	2,548	31,008	0	0
Kelantan	0	538,688	232,407	28,584	15,268	0	0	26,040	34,440	67,584	0	4,040	0	156	0	0	2,351,464	105,248	275,730	0	0	0	0	0	0	883,665
Terengganu	228,216	1,629,064	264,096	8,192	205,088	0	459,309	189,750	248,244	101,123	18,688	125,426	0	0	3,240	0	991,204	699,006	0	0	0	0	0	0	0	0
Pahang	1,229,823	905,216	722,736	684,944	833,064	0	11,583	20,655	135,128	18,170	0	35,640	5,625	6,288	0	0	3,957,720	94,392	0	0	0	0	0	0	0	0
Johor Timur/ East Johore	372,096	395,343	938,866	795,340	407,068	1,128	13,156	10,602	62,790	16,728	0	0	0	0	0	0	5,476,814	0	388,290	0	0	349,163	0	0	0	0

* GRT - Gross Relative Tonnage

SEMANAJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA PURATA IKAN DIPANTAI MENGIKUT BULAN, 1992
MONTHLY AVERAGE EX-VESSEL PRICES OF FRESH FISH, 1992
Harga Dalam \$/Kg/Prices At \$/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, 1991 Average, 1991
Bawal Putih	10.63	11.26	11.74	12.09	13.22	11.31	12.41	12.45	11.60	10.87	12.38	11.84	11.82
Bawal Hitam	6.52	6.34	6.36	6.82	7.33	7.05	6.70	6.54	6.55	7.11	6.57	6.58	6.71
Kerapu	7.21	7.19	7.07	7.34	7.49	7.45	7.08	6.72	7.23	7.22	7.32	7.58	7.24
Tenggiri	6.09	6.18	6.20	6.38	6.43	6.44	6.32	6.53	6.48	6.67	6.89	6.67	6.44
Jenahak	6.94	6.68	6.43	7.18	7.61	7.05	7.24	7.21	7.33	7.17	7.21	7.18	7.10
Merah	4.73	4.84	4.72	5.03	4.98	5.12	4.88	4.69	4.72	4.78	4.76	5.34	4.88
Kaci	3.09	2.85	3.36	3.33	3.18	3.21	3.16	3.06	3.42	2.99	3.02	3.08	3.15
Cermin	3.19	2.96	2.97	2.68	2.97	2.66	3.18	2.73	2.57	2.88	3.27	3.46	2.96
Gelama	1.60	1.56	1.53	1.44	1.54	1.53	1.59	1.61	1.43	1.69	1.59	1.61	1.56
Kembong	2.59	2.50	2.36	2.67	2.13	2.59	2.16	2.19	2.35	2.17	2.35	2.44	2.38
Kerisi	2.20	2.39	2.15	2.14	2.27	2.09	2.06	2.11	1.89	2.08	2.22	2.22	2.15
Selayang	0.97	1.12	0.97	0.81	0.97	0.85	1.04	0.99	0.82	1.10	3.11	0.94	1.14
Tamban	0.78	0.83	0.63	0.67	0.71	0.80	0.80	0.73	0.76	0.71	0.79	0.85	0.76
Selar/Pelata	2.04	1.89	2.21	2.01	2.08	2.35	2.06	2.00	1.99	2.21	2.06	1.96	2.07
Sotong	2.56	2.56	2.77	2.60	2.62	2.51	2.66	2.34	2.46	2.68	2.72	2.56	2.59
Aya/Tongkol	1.63	1.80	1.97	1.61	1.75	1.38	1.64	1.51	1.58	1.84	1.84	2.20	1.73
Udang Putih	16.77	15.34	15.48	17.00	17.06	15.98	16.42	16.08	17.03	15.77	16.06	15.42	16.20
Udang Harimau	21.01	20.92	21.32	21.16	17.84	19.96	20.19	21.24	21.50	22.01	20.31	20.18	20.64
Lain-Lain Udang	5.96	6.01	5.80	5.80	5.57	5.57	5.61	5.63	5.32	5.86	6.46	6.15	5.81

MALAYSIA
NILAI HARGA BORONG PENDARATAN IKAN LAUT, 1992
WHOLESALE VALUE OF MARINE FISH LANDINGS, 1992

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	3,280	26,469,600	46	165,140	36,624	73,980,480	11,582	72,271,680	6,387	1,469,010	2,754	4,516,560	60,673	178,872,470
Kedah	1,640	17,039,600	514	1,583,120	33,956	67,912,000	3,888	37,052,640	18,736	3,934,560	3,821	4,967,300	62,555	132,489,220
P. Pinang/Penang	1,022	16,116,940	321	1,816,860	17,252	48,133,080	3,518	33,878,340	11,635	4,304,950	4	6,520	33,752	104,256,690
Perak	4,922	32,780,520	4,549	17,968,550	86,709	175,152,180	32,437	163,158,110	72,962	21,158,980	273	559,650	201,852	410,777,990
Selangor	3,595	31,204,600	1,795	4,415,700	23,583	51,175,110	29,983	110,637,270	38,909	13,618,150	862	862,000	98,727	211,912,830
Negeri Sembilan	187	1,744,710	46	318,780	139	437,850	41	767,930	0	0	0	0	413	3,269,270
Melaka/Malacca	1,004	10,612,280	204	1,162,800	778	2,520,720	376	2,883,920	0	0	16	50,080	2,378	17,229,800
Johor Barat/ West Johore	1,888	19,842,880	215	1,195,400	4,882	12,546,740	3,841	26,656,540	2,819	902,080	0	0	13,645	61,143,640
Jumlah Kecil	17,538	155,811,130	7,690	28,626,350	203,923	431,858,160	85,666	447,306,430	151,448	45,387,730	7,730	10,962,110	473,995	1,119,951,910
Kelantan	867	5,470,770	326	1,437,660	19,184	39,135,360	265	3,606,650	3,393	610,740	0	0	24,035	50,261,180
Terengganu	2,779	22,315,370	1,947	11,623,590	68,204	165,053,680	995	11,362,900	13,518	5,001,660	0	0	87,443	215,357,200
Pahang	4,128	28,194,240	2,347	9,458,410	55,009	130,371,330	2,101	23,510,190	47,867	9,573,400	0	0	111,452	201,107,570
Johor Timur/ East Johore	1,728	11,335,680	1,624	8,136,240	29,820	65,007,600	4,368	21,752,640	33,067	5,952,060	0	0	70,607	112,184,220
Jumlah Kecil	9,502	67,316,060	6,244	30,655,900	172,217	399,567,970	7,729	60,232,380	97,845	21,137,860	0	0	293,537	578,910,170
Sarawak	6,088	48,719,180	3,448	21,458,150	52,146	90,666,370	14,256	60,742,150	12,232	1,834,800	71	168,980	88,241	223,589,630
Sabah	23,223	86,028,060	9,442	29,143,350	87,834	136,107,170	17,241	153,327,140	7,422	1,039,080	2,838	5,044,470	148,000	410,689,270
W.P. Labuan	2,800	12,096,000	1,896	4,076,400	11,596	19,133,400	2,506	11,452,420	945	56,700	0	0	19,743	46,814,920
Jumlah Kecil	32,111	146,843,240	14,786	54,677,900	151,576	245,906,940	34,003	225,521,710	20,599	2,930,580	2,909	5,213,450	255,984	681,093,820
JUMLAH/TOTAL	59,151	369,970,430	28,720	113,960,150	527,716	1,077,333,070	127,398	733,060,520	269,892	69,456,170	10,639	16,175,560	1,023,516	2,379,955,900

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, 1992
RETAIL VALUE OF MARINE FISH LANDINGS, 1992

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	3,280	28,896,800	46	194,580	36,624	91,926,240	11,582	82,811,300	6,387	1,469,010	2,754	5,673,240	60,673	210,971,170
Kedah	1,640	21,992,400	514	2,266,740	33,956	102,547,120	3,888	43,390,080	18,736	3,934,560	3,821	8,138,730	62,555	182,269,630
P. Pinang/Penang	1,022	17,578,400	321	2,054,400	17,252	58,656,800	3,518	37,572,240	11,635	4,304,950	4	8,080	33,752	120,174,870
Perak	4,922	42,427,640	4,549	24,428,130	86,709	277,468,800	32,437	213,111,090	72,962	21,158,980	273	816,270	201,852	579,410,910
Selangor	3,595	35,195,050	1,795	5,761,950	23,583	68,626,530	29,983	129,826,390	38,909	13,618,150	862	1,215,420	98,727	254,243,490
Negeri Sembilan	187	1,942,930	46	380,420	139	553,220	41	842,960	0	0	0	0	413	3,719,530
Melaka/Malacca	1,004	11,817,080	204	1,389,240	778	3,057,540	376	3,244,880	0	0	16	65,440	2,378	19,574,180
Johor Barat/ West Johore	1,888	22,297,280	215	1,414,700	4,882	12,107,360	3,841	29,882,980	2,819	902,080	0	0	13,645	66,604,400
Jumlah Kecil	17,538	182,147,580	7,690	37,890,160	203,923	614,943,610	85,666	540,681,920	151,448	45,387,730	7,730	15,917,180	473,995	1,436,968,180
Kelantan	867	6,173,040	326	1,704,980	19,184	48,151,840	265	3,945,850	3,393	610,740	0	0	24,035	60,586,450
Terengganu	2,779	26,928,510	1,947	14,621,970	68,204	220,298,920	995	13,362,850	13,518	5,001,660	0	0	87,443	280,213,910
Pahang	4,128	40,206,720	2,347	13,307,490	55,009	197,482,310	2,101	28,174,410	47,867	9,573,400	0	0	111,452	288,744,330
Johor Timur/ East Johore	1,728	14,273,280	1,624	10,328,640	29,820	90,951,000	4,368	27,649,440	33,067	5,952,060	0	0	70,607	149,154,420
Jumlah Kecil	9,502	87,581,550	6,244	39,963,080	172,217	556,884,070	7,729	73,132,550	97,845	21,137,860	0	0	293,537	778,699,110
Sarawak	6,088	65,242,520	3,448	29,085,620	52,146	133,010,590	14,256	86,532,990	12,232	1,834,800	71	248,500	88,241	315,955,020
Sabah	23,223	130,977,720	9,442	53,252,880	87,834	217,954,800	17,241	196,203,580	7,422	1,039,080	2,838	7,887,210	148,000	607,315,270
W.P. Labuan	2,800	15,036,000	1,896	5,782,800	11,596	28,642,120	2,506	16,339,120	945	56,700	0	0	19,743	65,856,740
Jumlah Kecil	32,111	211,256,240	14,786	88,121,300	151,576	379,607,510	34,003	299,075,690	20,592	2,930,580	2,909	8,135,710	255,984	989,127,030
JUMLAH/TOTAL	59,151	480,985,370	28,720	165,974,540	527,716	1,551,435,190	127,398	912,890,160	269,892	69,456,170	10,639	24,052,890	1,023,516	3,204,794,320

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, 1992
VALUE OF MARINE FISH LANDINGS BY GEAR GROUP AND GRADE OF FISH, 1992

JADUAL (TABLE) 7.3

Pendaratan dan Nilai Landings and Values		Pukat Tunda Trawl Nets	Pukat Tarik/Purse Seine		Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap/Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaiian Miscellaneous	Jumlah Total
			Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy				Belat-Belat Stationary	Bubu Portable							
Gred I (Grade I)	Tonnes	11,654	958	12	8	9,380	9	16	818	4,182	3	0	0	0	0	27,040
	N.B.\$	96,177,304	7,904,458	99,012	66,008	77,394,380	74,259	132,016	6,749,318	34,505,682	24,753	0	0	0	0	223,127,190
	N.R.\$	116,250,942	9,556,227	119,702	79,801	93,567,230	89,777	159,603	8,159,701	41,716,221	29,926	0	0	0	0	269,729,130
Gred II (Grade II)	Tonnes	7,971	533	0	0	3,360	0	12	588	1,451	0	19	0	0	0	13,934
	N.B.\$	33,915,648	2,267,382	0	0	14,293,440	0	51,048	2,501,352	6,172,554	0	80,826	0	0	0	59,282,250
	N.R.\$	44,536,445	2,978,006	0	0	18,773,173	0	67,047	3,285,305	8,107,106	0	106,158	0	0	0	77,853,240
Gred III (Grade III)	Tonnes	169,844	103,701	36,259	244	33,230	7,981	220	5,310	14,837	2,804	1,003	20	0	687	376,140
	N.B.\$	375,511,970	229,179,210	80,132,390	539,240	73,438,300	17,638,010	486,200	11,735,100	32,789,770	6,196,840	2,216,630	44,200	0	1,518,270	831,426,130
	N.R.\$	529,098,472	323,048,702	112,953,808	760,107	103,584,458	24,862,361	685,343	16,552,316	46,220,129	8,735,003	3,124,539	62,304	0	2,140,138	1,171,827,680
Udang (Prawn)	Tonnes	52,489	29	0	10,832	8,470	0	472	1	0	18,629	168	2,275	0	30	93,395
	N.B.\$	285,419,230	157,470	0	58,817,760	45,992,100	0	2,562,960	5,430	0	101,155,470	912,240	12,353,250	0	162,900	507,538,810
	N.R.\$	344,970,406	190,595	0	71,190,508	55,666,876	0	3,102,097	6,572	0	122,434,266	1,104,136	14,951,847	0	197,167	613,814,470
Ikan Baja (Manure Fish)	Tonnes	227,142	4,166	142	7,291	5,283	0	17	2	0	3,970	581	699	0	0	249,293
	N.B.\$	60,587,896	1,116,635	38,065	1,954,425	1,416,161	0	4,557	536	0	1,064,198	155,743	187,374	0	0	66,525,590
	N.R.\$	60,587,896	1,116,635	38,065	1,954,425	1,416,161	0	4,557	536	0	1,064,198	155,743	187,374	0	0	66,525,590
Kerang- Kerangan (Shellfish)	Tonnes	0	0	0	0	0	0	0	0	0	0	0	0	7,366	364	7,730
	N.B.\$	0	0	0	0	0	0	0	0	0	0	0	0	10,445,958	516,152	10,962,110
	N.R.\$	0	0	0	0	0	0	0	0	0	0	0	0	15,167,652	749,528	15,917,180
JUMLAH TOTAL	Tonnes	469,100	109,387	36,413	18,375	59,723	7,990	737	6,719	20,470	25,406	1,771	2,994	7,366	1,081	767,532
	N.B.\$	851,612,048	240,625,155	80,269,467	61,377,433	212,534,381	17,712,269	3,236,781	20,991,736	73,468,006	108,441,261	3,365,439	12,584,824	10,445,958	2,197,322	1,698,862,080
	N.R.\$	1,095,444,161	336,890,165	113,111,575	73,984,841	273,007,898	24,952,138	4,018,647	28,004,430	96,043,456	132,263,393	4,490,576	15,201,525	15,167,652	3,086,833	2,215,667,290

N.B.\$ - Nilai Harga Borong Dalam Ringgit/Wholesale Value in Ringgit

N.R.\$ - 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, Wolf Herring, Grouper and Mangrove Snapper.

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

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

MALAYSIA
SIRI TAHUNAN PENDARATAN IKAN LAUT DAN NILAI, 1988-1992
ANNUAL SERIES OF MARINE FISH LANDINGS AND VALUES, 1988-1992

JADUAL (TABLE) 8.1

NEGERI/STATE	1988		1989		1990		1991		1992	
	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	40,731	60,302,609	42,360	63,423,110	46,206	85,476,249	33,127	70,416,653	60,673	178,872,470
Kedah	72,775	82,999,613	75,615	109,581,375	86,408	137,585,130	54,888	106,256,917	62,555	132,489,220
Pulau Pinang/Penang	22,230	33,712,136	38,624	74,742,732	52,278	90,541,037	28,416	88,859,213	33,752	104,256,690
Perak	179,982	239,564,023	198,974	355,271,992	219,044	362,321,264	181,234	329,993,401	201,852	410,777,990
Selangor	90,891	119,725,532	112,646	143,954,783	86,966	141,450,098	83,945	181,369,632	98,727	211,912,830
Negeri Sembilan	310	4,587,610	221	1,322,125	349	1,761,108	378	2,410,944	413	3,269,270
Melaka/Malacca	2,482	11,285,828	1,989	10,228,601	2,363	11,680,784	2,053	12,502,349	2,378	17,229,800
Johor Barat/West Johore	20,787	40,425,329	18,905	48,728,895	16,857	51,908,380	17,859	55,755,913	13,645	61,143,640
Jumlah Kecil/Sub-Total:	430,188	592,602,680	489,334	807,253,613	510,471	882,724,050	401,900	847,565,022	473,995	1,119,951,910
Pantai Timur (East Coast):										
Kelantan	18,002	35,006,988	32,982	68,109,650	31,557	54,965,632	25,706	52,378,889	24,035	50,261,180
Terengganu	83,456	114,138,454	78,815	169,676,643	97,237	189,605,540	101,457	220,394,790	87,443	215,357,200
Pahang	95,047	113,776,964	68,730	94,653,071	105,369	131,313,709	108,860	154,471,697	111,452	201,107,570
Johor Timur/East Johore	67,756	123,018,284	77,023	94,161,564	75,269	92,338,687	71,664	99,495,378	70,607	112,184,220
Jumlah Kecil/Sub-Total:	264,261	385,940,690	257,550	426,600,928	309,432	468,223,568	307,687	526,740,754	293,537	578,910,170
Sarawak	79,642	190,109,180	84,356	224,540,000	78,878	358,191,660	86,607	193,327,269	88,241	223,589,630
Sabah	48,000	197,000,000	44,000	186,231,000	44,760	230,035,108	108,464	266,899,225	148,000	410,689,270
W.P. Labuan	3,540	10,216,326	7,252	21,195,567	7,766	21,420,888	7,275	18,393,973	19,743	46,814,920
Jumlah Kecil/Sub-Total:	131,182	397,325,506	135,608	431,966,567	131,404	609,647,656	202,346	478,620,467	255,984	681,093,820
Jumlah Besar/Grand-Total:	825,631	1,375,868,876	882,492	1,665,821,108	951,307	1,960,595,274	911,933	1,852,926,243	1,023,516	2,379,955,900

JADUAL (TABLE) 9.1

MALAYSIA
KUANTITI DAN PERATUS PENDARATAN SERTA NILAI IKAN LAUT MENGIKUT NEGERI, 1992
QUANTITY AND PERCENTAGE OF LANDINGS AND VALUES OF MARINE FISH BY STATE, 1992

Negeri /State	Kuantiti Pendaratan Dalam Tan M Quantity Of Landings (Tonnes)	Peratus Percentage %	Nilai Value RM	Peratus Percentage %
Pantai Barat (West Coast):				
Perlis	60,673	5.93	178,872,470	7.54
Kedah	62,555	6.11	132,489,220	5.58
Pulau Pinang/Penang	33,752	3.30	104,256,690	4.39
Perak	201,852	19.72	410,777,990	17.31
Selangor	98,727	9.65	211,912,830	8.93
Negeri Sembilan	413	0.04	3,269,270	0.14
Melaka/Malacca	2,378	0.23	17,229,800	0.73
Johor Barat/West Johore	13,645	1.33	61,143,640	2.58
Pantai Timur (East Coast):				
Kelantan	24,035	2.35	50,261,180	2.12
Terengganu	87,443	8.54	215,357,200	9.07
Pahang	111,452	10.89	194,818,910	8.21
Johor Timur/East Johore	70,607	6.90	112,184,220	4.73
Sarawak	88,241	8.62	223,589,630	9.42
Sabah	148,000	14.46	410,689,270	17.30
W.P. Labuan	19,743	1.93	46,814,920	1.95
Jumlah / Total	1,023,516	100.00	2,373,667,240	100.00

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENGUNAAN PENDARATAN IKAN LAUT, 1992
DISPOSITION OF MARINE FISH LANDINGS, 1992
(Timbangan dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 10.1

Aliran Penggunaan Disposition Channel	Pantai Barat/West Coast								Jumlah Kecil Sub-Total	Pantai Timur/East Coast				Jumlah Kecil Sub-Total	Jumlah Besar Grand Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore		
Diguna secara hidup Disposed alive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diguna secara basah Disposed fresh	60,463	47,449	32,266	133,053	79,093	413	2,065	13,433	368,235	23,072	73,569	92,655	62,059	251,355	619,590
Diguna untuk dibeku Disposed for freezing	0	0	0	6,808	0	0	0	0	6,808	0	0	0	0	0	6,808
Diguna untuk mengetin Disposed for canning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diguna untuk diawetkan Disposed for curing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kering/Masin/Diasap Dried/Salted/Smoked	203	6,244	799	10,761	992	0	130	63	19,192	407	3,367	582	14	4,370	23,562
Rebus Steamed/Boiled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diragikan Fermented	7	9	66	3,675	5,668	0	183	90	9,698	85	416	663	778	1,942	11,640
Lain-Lain Others	0	54	0	1,460	0	0	0	11	1,525	471	10,091	6,720	197	17,479	19,004
Diguna untuk mengubahkan Disposed for reduction	0	338	153	18,437	12,841	0	0	48	31,817	0	0	10,164	7,559	17,723	49,540
Diguna untuk lain-lain Disposed for others	0	8,461	468	27,658	133	0	0	0	36,720	0	0	668	0	668	37,388
Jumlah (Tan Metrik) Total (Tonnes)	60,673	62,555	33,752	201,852	98,727	413	2,378	13,645	473,995	24,035	87,443	111,452	70,607	293,537	767,532

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL LAUT YANG DIAWETKAN, 1992
PROCESSED MARINE FISH PRODUCTS, 1992
 (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 Rebus (Boiled Fish)	Ikan Baja (Manure Fish)	Tepung Ikan (Fish Meal)	Udang Kering (Dried Prawn)	Otak Udang (Prawn Paste)	Belacan (Shrimp Paste)	Keropok(Crackers) Ikan (Fish)	Udang/ Sotong (Prawn/ Cuttle Fish)	Cincaluk (Pickled Prawn)	Sotong Kering (Dried Cuttle Fish)	Budu (Fermented Anchovies)	Ubur- Ubur (Dried Jelly Fish)	Lala Kering (Dried Shell- fish)	Bebola Ikan (Fish Ball)	Sotong Beku (Frozen Cuttle- Fish)	Satay Ikan (Satay Fish)	Ikan Beku (Frozen Fish)	Udang Beku (Frozen Prawn)	Jumlah (Total)
Pantai Barat/ West Coast:																					
Perlis	81	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	86
Kedah	282	4,153	0	135	6,346	1	0	6	13	6	0	0	0	0	0	0	0	0	0	0	10,942
Pulau Pinang	277	0	0	187	115	75	0	45	0	0	0	0	0	21	0	0	0	0	0	0	720
Perak	1,789	4,126	0	11,063	13,828	709	0	603	0	0	0	0	0	0	0	1,952	749	511	0	1,974	37,304
Selangor	219	0	0	53	9,631	37	0	3,766	0	0	0	22	0	305	32	91	0	0	0	0	14,156
N.Sembilan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jumlah Kecil/ Sub-Total	2,721	8,279	0	11,438	29,956	824	2	4,527	16	7	65	23	0	332	32	2,063	749	511	0	1,974	63,519
Pantai Timur/ East Coast:																					
Kelantan	150	24	0	0	0	0	0	0	165	0	0	0	59	0	0	0	0	0	0	0	398
Terengganu	1,123	398	0	0	0	0	3	1	3,529	3	0	21	136	0	0	152	0	0	0	0	5,366
Pahang	114	223	0	267	7,623	0	0	0	2,310	42	0	0	1	0	0	463	0	0	0	0	11,043
Johor Timur/ East Johore	3	5	0	0	5,669	0	0	529	69	0	0	0	0	0	0	0	0	0	0	0	6,275
Jumlah Kecil/ Sub-Total	1,390	650	0	267	13,292	0	3	530	6,073	45	0	21	196	0	0	615	0	0	0	0	23,082
Jumlah Besar/ Grand-Total	4,111	8,929	0	11,705	43,248	824	5	5,057	6,089	52	65	44	196	332	32	2,678	749	511	0	1,974	86,601

MALAYSIA
KILANG-KILANG AIR BATU DAN KEMUDAHAN-KEMUDAHAN PENYEJUKKAN SEHINGGA 31-12-1992
ICE FACTORIES AND REFRIGERATION FACILITIES AS AT 31-12-1992
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 11.1

Negeri/State	Bil. 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)				Bil. bilik sejuk (No. of cold room)	Kuantiti/Quantity (Tan metrik/Tonnes)	
			0 - 50kg	51 - 100kg	101 - 150kg	151 - 200kg		Ais (Ice)	Ikan (Fish)
Perlis	3	119	-	-	5.80	-	14	327	282
Kedah	5	231	-	-	6.00	-	78	608	700
P. Pinang/Penang	8	852	-	-	9.00	-	13	1,405	7,143
Perak	21	437	2.70	6.19	6.90	-	65	2,049	2,120
Selangor	14	424	2.00	7.00	7.50	-	45	713	456
Melaka/Malacca	2	47	-	-	10.00	-	42	67	932
N. Sembilan	1	28	-	6.40	-	-	18	14	29
Johor Barat/West Johore	5	167	4.00	11.00	-	-	18	190	475
Johor Timur/East Johore	2	110	2.90	9.60	-	-	15	326	450
Kelantan	18	204	-	6.00	-	10.00	18	281	309
Terengganu	8	606	-	6.55	-	-	25	472	558
Pahang	7	631	-	-	5.70	-	7	594	50
Sarawak	47	457	2.38	3.25	6.80	6.00	76	983	1,444
Sabah	34	474	3.65	4.50	9.33	10.00	32	1,290	3,016
W. P. Labuan	5	47	4.50	-	16.00	-	6	30	125
Jumlah/Total:	180	4,834	-	-	-	-	472	9,349	18,089

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL PERIKANAN, 1992
FISHERIES REVENUE, 1992
 (Hasil Dalam RM / Revenue In RM)

JADUAL (TABLE) 12.1

Jenis Hasil <i>Type Of Revenue</i>	Hasil Negeri <i>State Revenue</i>				Hasil Persekutuan <i>Federal Revenue</i>					Jumlah Besar
Negeri <i>State</i>	Perahu <i>Boat</i>	Perikanan <i>Fishing</i>	Patil <i>Perahu</i> <i>Boat No.</i> <i>Plate</i>	Jumlah <i>Total</i>	Ikan <i>Fish</i>	Bayaran Pindah <i>Milik & lain-Lain</i> <i>Boat transfer-fee</i> <i>& Miscellaneous.</i>	Kompau/ <i>Denda</i> <i>Compound/</i> <i>Fine</i>	Jualan <i>Pelbagai</i> <i>Miscel-</i> <i>laneous</i> <i>Sales</i>	Jumlah <i>Total</i>	<i>Grand Total</i>
Perlis	20,316.50	141,369.00	721.00	162,406.50	1,210.00	0.00	0.00	1,418.00	2,628.00	165,034.50
Kedah	49,685.50	326,095.00	2,137.00	377,917.50	0.00	0.00	482,835.00	0.00	482,835.00	860,752.50
P.Pinang/Penang	21,542.00	41,106.00	1,926.00	64,574.00	0.00	0.00	88,000.00	991.70	88,991.70	153,565.70
Perak	123,994.50	452,558.00	4,764.00	581,316.50	3,540.00	0.00	228,126.00	10,930.85	242,596.85	823,913.35
Selangor	98,910.00	125,472.45	3,204.00	227,586.45	0.00	0.00	170,400.00	1,959.60	172,359.60	399,946.05
Negeri Sembilan	828.00	502.00	206.00	1,536.00	0.00	0.00	0.00	22.40	22.40	1,558.40
Melaka/Malacca	2,569.50	1,672.00	966.00	5,207.50	0.00	0.00	0.00	219.80	219.80	5,427.30
Kelantan	19,513.00	163,832.00	1,119.00	186,064.00	8,394.50	534.00	16,705.00	4,429.80	30,063.30	216,127.30
Terengganu	43,280.50	355,467.50	2,406.00	401,154.00	120.00	4,215.80	6,500.00	5,380.00	16,215.80	417,369.80
Pahang	56,954.50	493,097.00	1,105.00	551,156.50	0.00	0.00	115,400.00	20,841.00	136,241.00	687,397.50
Johor/Johore	52,785.50	347,321.00	2,878.00	402,984.50	0.00	0.00	1,287,000.00	2,492.20	1,289,492.20	1,692,476.70
Jumlah Besar <i>Grand Total</i>	490,379.50	2,448,491.95	21,432.00	2,961,903.45	13,264.50	4,749.80	2,394,966.00	48,685.35	2,461,665.65	5,423,569.10

TERNAKAIR
AQUACULTURE

MALAYSIA
ANGGARAN BILANGAN DAN LUAS KOLAM, BEKAS LOMBONG DAN SANGKAR YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT SISTEM TERNAKAN DAN NEGERI 1992
ESTIMATED NUMBER AND AREA OF PONDS, DISUSED MINING POOLS AND CAGES AND NUMBER OF CULTURISTS BY CULTURE SYSTEM AND STATE, 1992 **JADUAL (TABLE) 13.1**

Negeri State	Air-tawar/Freshwater									Air-payau/Brackishwater						Jumlah/Total					
	Kolam Ponds			Bekas Lombong Ex-Mining Pools			Sangkar Cages			Kolam Ponds			Sangkar Cages			Kolam & Bekas Lombong Ponds & Ex-Mining Pools			Sangkar Cages		
	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 (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	75	14.73	63	0	0.00	0	0	0.00	0	5	2.80	5	0	0.00	0	80	17.53	68	0	0.00	0
Kedah	1,007	239.02	519	3	6.25	3	0	0.00	0	222	121.22	83	1,405	12,590.00	90	1,232	366.49	605	1,405	12,590.00	90
Pulau Pinang/Penang	232	30.14	153	0	0.00	0	0	0.00	0	41	23.84	5	11,844	75,227.40	231	273	53.98	158	11,844	75,227.40	231
Perak	2,217	557.47	1,546	199	628.43	181	358	3,460.37	43	214	121.70	51	15,159	122,035.00	184	2,630	1,307.60	1,778	15,517	125,495.37	227
Selangor	1,884	304.96	1,500	100	172.34	69	1,126	18,416.88	22	117	113.82	47	7,031	90,518.03	139	2,101	591.12	1,616	8,157	108,934.91	161
N.Sembilan	1,758	316.00	1,449	21	39.20	21	157	1,338.37	4	36	18.00	3	16	148.64	6	1,815	373.20	1,473	173	1,487.01	10
Melaka/Malacca	1,070	211.34	857	0	0.00	0	59	532.16	8	14	9.34	8	68	631.72	8	1,084	220.68	865	127	1,163.88	16
Johor/Johore	1,592	220.46	726	0	0.00	0	128	1,991.86	19	759	605.18	131	4,507	65,595.06	175	2,351	825.64	857	4,635	67,586.92	194
Pahang	2,893	2,049.33	1,402	7	213.00	7	197	2,110.18	159	30	129.50	17	38	889.60	2	2,930	2,391.83	1,426	235	2,999.78	161
Terengganu	765	93.85	581	0	0.00	0	67	596.60	14	107	39.46	58	840	8,377.40	30	872	133.31	639	907	8,974.00	44
Kelantan	1,475	177.12	1,007	0	0.00	0	0	0.00	0	133	45.77	41	304	11,986.51	70	1,608	222.89	1,048	304	11,986.51	70
Sarawak	1,614	266.47	1,379	0	0.00	0	60	600.00	52	87	26.00	66	40	400.00	31	1,701	292.47	1,445	100	1,000.00	83
Sabah	9,894	1,117.20	4,409	0	0.00	0	0	0.00	0	669	446.28	131	936	9,400.00	47	10,563	1,563.48	4,540	936	9,400.00	47
Jumlah/Total:	26,476	5,598.09	15,591	330	1,059.22	281	2,152	29,046.42	321	2,434	1,702.91	646	42,188	397,799.36	1,013	29,240	8,360.22	16,518	44,340	426,845.78	1,334

Nota: Bagi Sarawak ia merujuk kepada kolam yang telah dibina dalam tahun semasa.
 Note: For Sarawak it refers to ponds constructed during the current year.

MALAYSIA
ANGGARAN JUMLAH PENGELUARAN IKAN TERNAKAN, KERANG SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1992
ESTIMATED PRODUCTIONS OF FISH, COCKLES, MUSSELS AND OYSTERS
BY STATE AND CULTURE SYSTEM, 1992
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 14.1

Negeri State	Airtawar/Freshwater			Airpayau/Brackishwater					Jumlah Kecil/Sub-total					Jumlah Besar Grand Total Tan M. Tonnes
	Kolam Ponds	B.Lombong Ex-Mining Pools	Sangkar Cages	Kolam Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	B.Lombong/ Kolam Ex-Mining Pools/Ponds	Sangkar Cages	Kerang Cockle	Siput Sudu Mussels	Tiram Oyster	
Pertis	10.75	0.00	0.00	5.50	0.00	0.00	0.00	0.00	16.25	0.00	0.00	0.00	0.00	16.25
Kedah	241.41	5.80	0.00	438.82	48.09	89.14	10.82	2.60	686.03	48.09	89.14	10.82	2.60	836.68
P.Pinang/Penang	40.99	0.00	0.00	199.83	945.31	9,821.20	0.00	0.00	240.82	945.31	9,821.20	0.00	0.00	11,007.33
Perak	1,014.60	1,036.91	27.27	273.82	571.52	38,197.11	17.08	3.72	2,325.33	598.79	38,197.11	17.08	3.72	41,142.03
Selangor	628.22	208.86	319.69	511.69	1,194.01	6,926.06	3.56	0.00	1,348.77	1,513.70	6,926.06	3.56	0.00	9,792.09
N. Sembilan	341.28	35.28	32.90	28.01	0.00	0.00	6.87	0.00	404.57	32.90	0.00	6.87	0.00	444.34
Melaka/Malacca	405.77	0.00	6.26	9.32	0.00	0.00	140.77	0.00	415.09	6.26	0.00	140.77	0.00	562.12
Johor/Johore	359.35	0.00	10.60	476.68	548.32	508.63	1,238.81	0.00	836.03	558.92	508.63	1,238.81	0.00	3,142.39
Pahang	1,964.22	59.22	76.62	165.73	0.90	44.70	4.60	0.00	2,189.17	77.52	44.70	4.60	0.00	2,315.99
Terengganu	140.77	0.00	3.67	42.46	6.43	0.00	0.00	11.30	183.23	10.10	0.00	0.00	11.30	204.63
Kelantan	301.09	0.00	0.00	73.69	9.77	0.00	68.41	15.33	374.78	9.77	0.00	68.41	15.33	468.29
Sarawak	1,627.90	0.00	6.50	99.00	45.00	0.00	2.12	0.00	1,726.90	51.50	0.00	2.12	0.00	1,780.52
Sabah	7,086.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	7,986.00	0.00	0.00	0.00	0.00	7,986.00
Jumlah/Total	14,162.35	1,346.07	483.51	3,224.55	3,369.35	55,586.84	1,493.04	32.95	18,732.97	3,852.86	55,586.84	1,493.04	32.95	79,698.66

JADUAL (TABLE) 14.2

MALAYSIA
ANGGARAN NILAI BORONG IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1992
ESTIMATED WHOLESALE VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
BY STATE AND CULTURE SYSTEM, 1992
 (Nilai Dalam RM '000/Value In RM '000)

Negeri <i>State</i>	Airtawar/Freshwater			Airpayau/Brackishwater					Jumlah (RM)/Total (RM)					Jumlah Besar Grand Total
	Kolam Ponds	Bekas Lombong Ex-Mining Pools	Sangkar Cages	Kolam Ponds	Sangkar Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	Kolam & Bekas Lombong Ponds & Ex-Mining Pools	Sangkar Cages	Kerang Cockles	Siput Sudu Mussels	Tiram Oysters	
Perlis	34.21	0.00	0.00	61.79	0.00	0.00	0.00	0.00	96.00	0.00	0.00	0.00	0.00	96.00
Kedah	714.52	14.73	0.00	6,985.32	709.30	26.74	7.57	32.50	7,714.57	709.30	26.74	7.57	32.50	8,490.68
P.Pinang/Penang	165.25	0.00	0.00	1,701.71	12,503.16	3,044.57	0.00	0.00	1,866.96	12,503.16	3,044.57	0.00	0.00	17,414.69
Perak	4,299.09	2,491.66	125.17	4,791.90	6,500.39	9,549.28	11.10	46.50	11,582.65	6,625.56	9,549.28	11.10	46.50	27,815.09
Selangor	2,927.71	369.67	1,212.37	9,345.92	10,168.24	1,731.52	3.92	0.00	12,643.30	11,380.61	1,731.52	3.92	0.00	25,759.35
N. Sembilan	1,405.58	114.58	125.68	457.85	0.00	0.00	5.49	0.00	1,978.01	125.68	0.00	5.49	0.00	2,109.18
Melaka/Malacca	1,544.87	0.00	26.61	164.98	0.00	0.00	56.30	0.00	1,709.85	26.61	0.00	56.30	0.00	1,792.76
Johor/Johore	2,266.20	0.00	43.88	9,389.59	5,427.43	172.93	520.30	0.00	11,655.79	5,471.31	172.93	520.30	0.00	17,820.33
Pahang	24,206.76	236.85	1,816.71	2,656.46	8.10	14.75	2.76	0.00	27,100.07	1,824.81	14.75	2.76	0.00	28,942.39
Terengganu	609.47	0.00	13.59	603.60	53.22	0.00	0.00	107.35	1,213.07	66.81	0.00	0.00	107.35	1,387.23
Kelantan	1,315.42	0.00	0.00	1,088.34	86.28	0.00	20.52	137.97	2,403.76	86.28	0.00	20.52	137.97	2,648.53
Sarawak	6,560.46	0.00	39.00	1,584.00	733.00	0.00	1.27	0.00	8,144.46	772.00	0.00	1.27	0.00	8,917.73
Sabah	51,568.68	0.00	0.00	12,600.00	0.00	0.00	0.00	0.00	64,168.68	0.00	0.00	0.00	0.00	64,168.68
Jumlah/Total:	97,618.22	3,227.49	3,403.01	51,431.46	36,189.12	14,539.79	629.23	324.32	152,277.17	39,592.13	14,539.79	629.23	324.32	207,362.64

MALAYSIA
ANGGARAN NILAI RUNCIT IKAN TERNAKAN, KERANG, SIPUT SUDU DAN TIRAM
MENGIKUT NEGERI DAN SISTEM TERNAKAN, 1992
ESTIMATED RETAIL VALUE OF FISH, COCKLES, MUSSELS AND OYSTERS
BY STATE AND CULTURE SYSTEM, 1992
(Nilai Dalam RM'000/Value In RM'000)

JADUAL (TABLE) 14.3

Negeri <i>State</i>	Airtawar/Freshwater			Airpayau/Brackishwater					Jumlah (RM)/Total (RM)					Jumlah Besar <i>Grand Total</i>
	Kolam <i>Ponds</i>	Bekas Lombong <i>Ex-Mining Pools</i>	Sangkar <i>Cages</i>	Kolam <i>Ponds</i>	Sangkar <i>Cages</i>	Kerang <i>Cockles</i>	Siput Sudu <i>Mussels</i>	Tiram <i>Oysters</i>	Kolam & Bekas Lombong <i>Ponds & Ex-Mining Pools</i>	Sangkar <i>Cages</i>	Kerang <i>Cockles</i>	Siput Sudu <i>Mussels</i>	Tiram <i>Oysters</i>	
Perlis	52.62	0.00	0.00	83.51	0.00	0.00	0.00	0.00	136.13	0.00	0.00	0.00	0.00	136.13
Kedah	988.82	19.89	0.00	8,144.52	829.73	53.48	10.82	36.40	9,153.23	829.73	53.48	10.82	36.40	10,083.66
P.Pinang/Penang	184.33	0.00	0.00	2,201.58	15,068.48	5,892.72	0.00	0.00	2,385.91	15,068.48	5,892.72	0.00	0.00	23,347.11
Perak	5,793.34	3,701.51	169.63	4,928.76	7,713.27	19,098.56	17.08	53.94	14,423.61	7,882.90	19,098.56	17.08	53.94	41,476.09
Selangor	3,591.23	491.91	1,507.86	10,298.27	11,992.09	3,116.73	5.34	0.00	14,381.41	13,499.95	3,116.73	5.34	0.00	31,003.43
N. Sembilan	1,953.49	171.09	168.45	516.28	0.00	0.00	6.87	0.00	2,640.86	168.45	0.00	6.87	0.00	2,816.18
Melaka/Malacca	1,882.62	0.00	32.30	183.42	0.00	0.00	112.62	0.00	2,066.04	32.30	0.00	112.62	0.00	2,210.96
Johor/Johore	2,905.32	0.00	56.71	9,900.94	6,901.54	305.18	1,114.93	0.00	12,806.26	6,958.25	305.18	1,114.93	0.00	21,184.62
Pahang	24,863.25	287.05	2,110.53	3,075.91	9.45	26.82	4.37	0.00	28,226.21	2,119.98	26.82	4.37	0.00	30,377.38
Terengganu	736.80	0.00	17.34	652.05	74.07	0.00	0.00	180.80	1,388.85	91.41	0.00	0.00	180.80	1,661.06
Kelantan	1,626.65	0.00	0.00	1,248.11	98.37	0.00	51.31	229.95	2,874.76	98.37	0.00	51.31	229.95	3,254.39
Sarawak	7,502.43	0.00	52.00	1,782.00	859.00	0.00	2.12	0.00	9,284.43	911.00	0.00	2.12	0.00	10,197.55
Sabah	59,265.71	0.00	0.00	13,500.00	0.00	0.00	0.00	0.00	72,765.71	0.00	0.00	0.00	0.00	72,765.71
Jumlah/Total:	111,346.61	4,671.45	4,114.82	56,515.35	43,546.00	28,493.49	1,325.46	501.09	172,533.41	47,660.82	28,493.49	1,325.46	501.09	250,514.27

MALAYSIA
BILANGAN DAN LUAS KOLAM AIRTAWAR YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1992
NUMBER AND AREA OF FRESHWATER PONDS IN OPERATION AND NUMBER OF CULTURISTS
BY RACE AND STATE, 1992

JADUAL (TABLE) 15.1

Negeri <i>State</i>	Kolam Airtawar <i>Freshwater Ponds</i>		Bilangan Penternak Ikan <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>
Pertis	75	14.73	61	1	0	1	63
Kedah	1,007	239.02	494	6	0	19	519
P.Pinang/Penang	232	30.14	123	14	6	10	153
Perak	2,217	557.47	1,294	191	14	47	1,546
Selangor	1,884	304.96	764	469	66	201	1,500
N. Sembilan	1,758	316.00	1,271	94	8	76	1,449
Melaka/Malacca	1,070	211.34	680	146	12	19	857
Johor/Johore	1,592	220.46	496	203	1	26	726
Pahang	2,893	2,049.33	1,199	168	9	26	1,402
Terengganu	765	93.85	578	3	0	0	581
Kelantan	1,475	177.12	1,007	0	0	0	1,007
Sarawak	1,614	266.47	14	184	0	1,181	1,379
Sabah	9,894	1,117.20	0	0	0	4,409	4,409
Jumlah/Total:	26,476	5,598.09	7,981	1,479	116	6,015	15,591

MALAYSIA
 ANGGARAN PENGELUARAN IKAN DARI KOLAM AIRTAWAR
 MENGIKUT NEGERI DAN SPESIES IKAN, 1992
 ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS
 BY STATE AND FISH SPECIES, 1992
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 15.2

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- water 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>	Belut <i>Eel</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.02	0.00	0.04	0.00	0.99	2.15	0.00	7.39	0.08	0.00	0.08	10.75
Kedah	8.00	4.99	0.00	6.28	0.72	7.83	13.97	0.15	198.48	0.00	0.00	0.99	241.41
P.Pinang/Penang	0.68	0.00	0.00	0.00	0.00	0.00	4.83	0.22	35.26	0.00	0.00	0.00	40.99
Perak	113.70	5.78	182.96	24.52	42.38	25.09	375.96	21.85	214.20	1.58	0.00	6.58	1,014.60
Selangor	17.49	0.00	98.14	5.74	10.43	18.70	263.25	108.95	34.23	0.00	0.00	71.29	628.22
N. Sembilan	73.70	11.65	53.35	4.77	11.09	0.42	110.06	19.65	45.76	0.98	0.00	9.85	341.28
Melaka/Malacca	57.29	13.15	36.85	15.50	6.77	78.35	35.75	9.93	134.63	0.82	0.00	16.73	405.77
Johor/Johore	6.70	1.68	11.68	9.57	20.80	6.14	62.71	12.66	98.72	29.42	0.00	99.27	359.35
Pahang	154.22	15.57	36.50	9.05	0.91	1.17	71.74	21.81	39.43	2.65	1572.00	39.17	1,964.22
Terengganu	13.87	7.23	2.32	3.23	0.45	19.80	48.00	8.90	33.67	0.06	0.00	3.24	140.77
Kelantan	45.34	22.75	48.84	9.75	0.89	19.28	55.87	21.46	60.41	1.20	0.00	15.30	301.09
Sarawak	217.52	193.28	158.57	144.08	0.00	4.51	12.09	248.96	0.00	0.00	0.00	648.89	1,627.90
Sabah	1,771.82	1,417.68	125.26	56.94	0.00	2,823.98	0.00	0.00	0.00	0.00	0.00	890.32	7,086.00
Jumlah/Total	2,480.33	1,693.78	754.47	289.47	94.44	3,006.26	1,056.38	474.54	902.18	36.79	1,572.00	1,801.71	14,162.35

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

JADUAL (TABLE) 15.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN HASIL IKAN DARI KOLAM AIR TAWAR MENGIKUT NEGERI DAN SPESIES IKAN, 1992
ESTIMATED WHOLESALE VALUE OF PRODUCTIONS FROM FRESHWATER PONDS BY STATE AND FISH SPECIES, 1992
 (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- water 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>	Belut <i>Eel</i>	Pelbagai <i>Miscell- aneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.06	0.00	0.08	0.00	2.97	7.52	0.00	22.17	1.17	0.00	0.24	34.21
Kedah	19.36	13.72	0.00	16.32	10.08	21.76	43.59	1.20	587.50	0.00	0.00	0.99	714.52
P.Pinang/Penang	1.80	0.00	0.00	0.00	0.00	0.00	21.74	2.09	139.62	0.00	0.00	0.00	165.25
Perak	316.08	18.78	671.46	46.10	762.84	81.80	1,383.53	148.58	820.38	26.51	0.00	23.03	4,299.09
Selangor	74.15	0.00	348.40	8.78	161.67	64.14	1,055.63	980.55	141.71	0.00	0.00	92.68	2,927.71
N.Sembilan	254.26	42.64	176.05	11.92	126.42	1.30	420.42	112.98	204.09	9.80	0.00	45.70	1,405.58
Melaka/Malacca	183.32	39.45	119.02	27.13	121.86	221.73	151.94	81.42	498.13	17.22	0.00	83.65	1,544.87
Johor/Johore	25.12	5.88	50.57	35.89	316.16	17.37	259.62	92.80	370.20	605.17	0.00	487.42	2,266.20
Pahang	596.84	66.17	160.60	38.01	11.83	5.26	286.96	545.25	201.88	64.26	22,008.00	221.70	24,206.76
Terengganu	51.32	26.46	9.47	13.47	4.50	81.58	231.36	60.52	121.90	0.73	0.00	8.16	609.47
Kelantan	151.44	111.70	216.36	40.17	10.80	81.16	251.42	150.22	225.33	11.80	0.00	65.02	1,315.42
Sarawak	870.08	579.84	507.42	432.24	0.00	9.02	72.54	1,493.76	0.00	0.00	0.00	2,595.56	6,560.46
Sabah	10,630.92	14,176.80	1,252.60	398.58	0.00	19,767.86	0.00	0.00	0.00	0.00	0.00	5,341.92	51,568.68
Jumlah/Total	13,174.69	15,081.50	3,511.95	1,068.69	1,526.16	20,355.95	4,186.27	3,669.37	3,332.91	736.66	22,008.00	8,966.07	97,618.22

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 HASIL IKAN DARI KOLAM AIRTAWAR
MENGIKUT NEGERI DAN SPESIES, 1992
ESTIMATED RETAIL VALUE OF PRODUCTIONS FROM FRESHWATER PONDS
BY STATE AND FISH SPECIES, 1992
 (Nilai Dalam RM'000/Value In RM'000)

JADUAL (TABLE) 15.4

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-water 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>	Belut <i>Eel</i>	Pelbagai <i>Miscellaneous</i>	Jumlah <i>Total</i>
Perlis	0.00	0.08	0.00	0.15	0.00	3.47	10.32	0.00	36.95	1.29	0.00	0.36	52.62
Kedah	25.68	18.71	0.00	20.41	12.24	28.97	53.51	1.64	825.68	0.00	0.00	1.98	988.82
P.Pinang/Penang	2.04	0.00	0.00	0.00	0.00	0.00	24.15	2.64	155.50	0.00	0.00	0.00	184.33
Perak	458.21	28.03	987.98	71.60	805.22	111.90	1,898.60	207.58	1,160.96	33.65	0.00	29.61	5,793.34
Selangor	95.15	0.00	407.28	12.05	173.35	84.71	1,308.35	1,225.69	184.84	0.00	0.00	99.81	3,591.23
N. Sembilan	353.76	57.20	256.08	23.85	182.99	1.79	563.51	157.20	269.98	27.44	0.00	59.69	1,953.49
Melaka/Malacca	249.21	46.03	159.56	28.68	135.40	235.05	184.47	99.30	621.99	22.55	0.00	100.38	1,882.62
Johor/Johore	31.83	6.99	66.11	50.24	374.40	19.96	335.50	123.44	509.40	740.21	0.00	647.24	2,905.32
Pahang	778.81	70.07	182.50	45.25	16.53	5.73	403.18	842.52	250.77	74.62	22,008.00	185.27	24,863.25
Terengganu	65.88	33.11	11.60	16.15	5.63	93.26	259.68	70.04	168.35	1.05	0.00	12.05	736.80
Kelantan	197.23	129.68	256.90	45.05	13.90	83.48	307.29	185.84	309.30	19.80	0.00	78.18	1,626.65
Sarawak	1,087.60	676.48	555.00	461.06	0.00	12.63	96.72	1,692.93	0.00	0.00	0.00	2,920.01	7,502.43
Sabah	12,402.74	17,012.16	1,503.12	455.52	0.00	21,659.93	0.00	0.00	0.00	0.00	0.00	6,232.24	59,265.71
Jumlah/Total	15,748.14	18,078.54	4,386.13	1,230.01	1,719.66	22,340.88	5,445.28	4,608.82	4,493.72	920.61	22,008.00	10,366.82	111,346.61

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

MALAYSIA
 BILANGAN DAN LUAS BEKAS LOMBONG YANG DIUSAHAKAN
 SERTA BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1992
 NUMBER AND AREA OF EX-MINING POOLS IN OPERATION AND
 NUMBER OF CULTURISTS BY RACE AND STATE, 1992

JADUAL (TABLE) 16.1

Negeri <i>State</i>	Bekas Lombong <i>Ex Mining Pools</i>		Bilangan Penternak Ikan <i>Number 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	0	0.00	0	0	0	0	0
Kedah	3	6.25	2	1	0	0	3
P.Pinang/Penang	0	0.00	0	0	0	0	0
Perak	199	628.43	57	119	0	5	181
Selangor	100	172.34	25	37	1	6	69
N. Sembilan	21	39.20	1	20	0	0	21
Melaka/Malacca	0	0.00	0	0	0	0	0
Johor/Johore	0	0.00	0	0	0	0	0
Pahang	7	213.00	0	0	0	7	7
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:	330	1,059.22	85	177	1	18	281

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI BEKAS LOMBONG AIR TAWAR
MENGIKUT NEGERI DAN SPESIES IKAN, 1992
ESTIMATED FISH PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1992
(Kuantiti dalam Tan Metrik/Weight in Tonnes)

JADUAL (TABLE) 16.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp 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	0.83	0.00	0.00	0.00	0.00	3.64	0.60	0.00	0.00	0.00	0.73	5.80
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	8.12	0.00	100.84	728.49	0.00	102.86	87.74	4.15	1.98	1.95	0.78	1,036.91
Selangor	5.16	0.00	18.03	184.41	0.00	0.00	0.00	0.00	0.00	0.00	1.26	208.86
N. Sembilan	0.15	0.00	29.04	4.00	0.00	0.00	1.80	0.00	0.00	0.00	0.29	35.28
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
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
Pahang	5.90	5.98	8.95	14.85	0.00	0.00	0.00	0.00	0.00	0.00	23.54	59.22
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	20.16	5.98	156.86	931.75	0.00	106.50	90.14	4.15	1.98	1.95	26.60	1,346.07

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

JADUAL (TABLE) 16.3

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN BEKAS LOMBONG MENGIKUT NEGERI DAN SPESIES IKAN, 1992
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTIONS FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1992
(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>
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	2.01	0.00	0.00	0.00	0.00	10.12	1.87	0.00	0.00	0.00	0.73	14.73
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	22.57	0.00	370.08	1,369.56	0.00	335.32	322.88	28.22	7.58	32.72	2.73	2,491.66
Selangor	21.88	0.00	64.00	282.15	0.00	0.00	0.00	0.00	0.00	0.00	1.64	369.67
N. Sembilan	0.52	0.00	95.83	10.00	0.00	0.00	6.88	0.00	0.00	0.00	1.35	114.58
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	22.83	25.41	39.38	62.37	0.00	0.00	0.00	0.00	0.00	0.00	86.86	236.85
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:	69.81	25.41	569.29	1,724.08	0.00	345.44	331.63	28.22	7.58	32.72	93.31	3,227.49

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

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

MALAYSIA
ANGGARAN NILAI RUNCIT PENGELUARAN HASIL IKAN DARI BEKAS LOMBONG
MENGIKUT SPESIES IKAN, 1992
ESTIMATED RETAIL VALUE OF PRODUCTION FROM EX-MINING POOLS
BY STATE AND FISH SPECIES, 1992
 (Nilai Dalam RM'000/Value In RM'000)

JADUAL (TABLE) 16.4

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpot Grass Carp	Kap Kepala Besar Big Head Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Keli Freshwater Catfish	Ketutu Goby	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	2.66	0.00	0.00	0.00	0.00	13.47	2.30	0.00	0.00	0.00	1.46	19.89
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	32.72	0.00	544.54	2,127.19	0.00	458.76	443.09	39.43	10.73	41.54	3.51	3,701.51
Selangor	28.07	0.00	74.82	387.26	0.00	0.00	0.00	0.00	0.00	0.00	1.76	491.91
N. Sembilan	0.72	0.00	139.39	20.00	0.00	0.00	9.22	0.00	0.00	0.00	1.76	171.09
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	29.80	26.91	44.75	74.25	0.00	0.00	0.00	0.00	0.00	0.00	111.34	287.05
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	93.97	26.91	803.50	2,608.70	0.00	472.23	454.61	39.43	10.73	41.54	119.83	4,671.45

Nota: Pelbagai - Termasuk Ikan-Ikan Haruan, 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, 1992
NUMBER AND AREA OF FRESHWATER CAGES IN OPERATION AND NUMBER OF CULTURISTS
BY RACE AND STATE, 1992

JADUAL (TABLE) 17.1

Negeri <i>State</i>	Sangkar Airtawar <i>Freshwater Cages</i>		Bilangan Penternak Ikan <i>No. Of Culturists</i>				
	Bilangan <i>Number</i>	Luas (m2) <i>Area (m2)</i>	Melayu <i>Malay</i>	Cina <i>Chinese</i>	India <i>Indian</i>	Lain-lain <i>Others</i>	Jumlah <i>Total</i>
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	358	3,460.37	42	1	0	0	43
Selangor	1,126	18,416.88	14	5	0	3	22
N. Sembilan	157	1,338.37	2	2	0	0	4
Melaka/Malacca	59	532.16	2	6	0	0	8
Johor/Johore	128	1,991.86	18	0	0	1	19
Pahang	197	2,110.18	21	2	0	136	159
Terengganu	67	596.60	14	0	0	0	14
Kelantan	0	0.00	0	0	0	0	0
Sarawak	60	600.00	12	10	0	30	52
Sabah	0	0.00	0	0	0	0	0
Jumlah/Total:	2,152	29,046.42	125	26	0	170	321

MALAYSIA
ANGGARAN PENGELUARAN IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN SPESIES IKAN, 1992
ESTIMATED FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND FISH SPECIES, 1992
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 17.2

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumput Grass Carp	Kap Kepala Besar Big Head Carp	Ketutu Goby	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Jelawat River Carp	Patin River Catfish	Pelbagai Miscellaneous	Jumlah Total
Pertis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	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
Perak	4.69	0.00	1.10	0.00	1.80	0.00	15.26	1.90	0.00	2.52	27.27
Selangor	0.00	0.00	0.00	0.00	0.00	32.93	268.13	0.00	0.00	18.63	319.69
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	32.90	0.00	0.00	0.00	32.90
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	6.26	0.00	0.00	0.00	6.26
Johor/Johore	0.00	0.00	0.00	0.00	0.00	0.00	10.60	0.00	0.00	0.00	10.60
Pahang	0.00	0.00	0.00	0.00	74.61	0.00	0.00	0.00	0.00	2.01	76.62
Terengganu	0.00	3.17	0.13	0.00	0.03	0.00	0.22	0.00	0.00	0.12	3.67
Kelantan	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	6.50	0.00	0.00	0.00	6.50
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	4.69	3.17	1.23	0.00	76.44	32.93	339.87	1.90	0.00	23.28	483.51

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

Note: Miscellaneous - Includes Snakehead, River Catfish(Mystus numerus) and Snakeskin Gouramy.

MALAYSIA
ANGGARAN NILAI BORONG PENGELUARAN HASIL IKAN DARI SANGKAR AIRTAWAR
MENGIKUT NEGERI DAN SPESIES IKAN, 1992
ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES
BY STATE AND FISH SPECIES, 1992
 (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 Rumpot <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>	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
Kedah	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
Perak	13.04	0.00	4.03	0.00	30.20	0.00	56.16	12.92	8.82	125.17
Selangor	0.00	0.00	0.00	0.00	0.00	112.95	1,075.20	0.00	24.22	1,212.37
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	125.68	0.00	0.00	125.68
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	26.61	0.00	0.00	26.61
Johor/Johore	0.00	0.00	0.00	0.00	0.00	0.00	43.88	0.00	0.00	43.88
Pahang	0.00	0.00	0.00	0.00	1,809.29	0.00	0.00	0.00	7.42	1,816.71
Terengganu	0.00	11.60	0.53	0.00	0.10	0.00	1.06	0.00	0.30	13.59
Kelantan	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	39.00	0.00	0.00	39.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	13.04	11.60	4.56	0.00	1,839.59	112.95	1,367.59	12.92	40.76	3,403.01

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

JADUAL (TABLE) 17.4

MALAYSIA
 ANGGAHAN NILAI RUNCIT PENGELUARAN HASIL IKAN DARI SANGKAR AIRTAWAR
 MENGIKUT NEGERI DAN SPESIES IKAN, 1992
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES
 BY STATE AND FISH SPECIES, 1992
 (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	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
Kedah	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
Perak	18.90	0.00	5.94	0.00	38.34	0.00	77.06	18.05	11.34	169.63
Selangor	0.00	0.00	0.00	0.00	0.00	149.17	1,332.61	0.00	26.08	1,507.86
N. Sembilan	0.00	0.00	0.00	0.00	0.00	0.00	168.45	0.00	0.00	168.45
Melaka/Malacca	0.00	0.00	0.00	0.00	0.00	0.00	32.30	0.00	0.00	32.30
Johor/Johore	0.00	0.00	0.00	0.00	0.00	0.00	56.71	0.00	0.00	56.71
Pahang	0.00	0.00	0.00	0.00	2,101.02	0.00	0.00	0.00	9.51	2,110.53
Terengganu	0.00	14.52	0.65	0.00	0.53	0.00	1.19	0.00	0.45	17.34
Kelantan	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	52.00	0.00	0.00	52.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total:	18.90	14.52	6.59	0.00	2,139.89	149.17	1,720.32	18.05	47.38	4,114.82

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

MALAYSIA
BILANGAN DAN LUAS KOLAM AIRPAYAU YANG DIUSAHAKAN SERTA
BILANGAN PENTERNAK MENGIKUT KAUM DAN NEGERI, 1992
NUMBER AND AREA OF BRACKISHWATER PONDS IN OPERATION AND NUMBER OF
CULTURISTS BY RACE AND STATE, 1992

Negeri State	Kolam Airpayau Brackishwater Ponds		Bilangan Pentermak Ikan Number Of Culturists				
	Bilangan Number	Luas (ha) Area (ha)	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
Perlis	5	2.80	2	3	0	0	5
Kedah	222	121.22	61	7	2	13	83
P.Pinang/Penang	41	23.84	2	3	0	0	5
Perak	214	121.70	17	27	0	7	51
Selangor	117	113.82	32	15	0	0	47
N. Sembilan	36	18.00	0	2	0	1	3
Melaka/Malacca	14	9.34	4	4	0	0	8
Johor/Johore*	759	605.18	37	75	0	19	131
Pahang	30	129.50	16	1	0	0	17
Terengganu	107	39.46	58	0	0	0	58
Kelantan	133	45.77	39	2	0	0	41
Sarawak	87	26.00	54	12	0		66
Sabah	669	446.28	0	0	0	131	131
Jumlah/Total:	2,434	1,702.91	322	151	2	171	646

* Nota: Keluasan Negeri Johor tidak termasuk 124.60 ha yang tidak beroperasi bagi tempoh tahun 1992.

* Note: For the state of Johore excludes 124.60 ha which was not in operation or in production for the year 1992.

MALAYSIA
ANGGARAN PENGELUARAN HASIL IKAN DARI KOLAM AIRPAYAU/MASIN MENGIKUT NEGERI DAN SPESIES IKAN, 1992
ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS BY STATE AND FISH SPECIES, 1992
(Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 18.2

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.16	5.33	0.01	0.00	5.50
Kedah	0.03	0.00	4.75	0.08	433.57	0.39	0.00	438.82
P.Pinang/Penang	0.00	0.00	0.00	0.00	0.30	0.00	199.53	199.83
Perak	0.00	0.00	0.00	0.00	273.82	0.00	0.00	273.82
Selangor	0.00	0.00	0.00	99.23	406.62	5.84	0.00	511.69
N. Sembilan	0.00	0.00	6.48	0.00	21.53	0.00	0.00	28.01
Melaka/Malacca	0.32	0.00	0.00	0.00	9.00	0.00	0.00	9.32
Johor/Johore	34.58	1.15	6.79	39.37	393.08	0.96	0.75	476.68
Pahang	0.34	0.00	0.00	2.75	162.56	0.00	0.08	165.73
Terengganu	1.79	0.00	0.00	0.00	40.20	0.46	0.01	42.46
Kelantan	0.53	0.08	0.00	0.00	73.03	0.00	0.05	73.69
Sarawak	0.00	0.00	0.00	0.00	99.00	0.00	0.00	99.00
Sabah	0.00	0.00	0.00	0.00	900.00	0.00	0.00	900.00
Jumlah/Total	37.59	1.23	18.02	141.59	2,818.04	7.66	200.42	3,224.55

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

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN HASIL IKAN DARI KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1992
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1992
 (Nilai Dalam RM'000/Value in RM'000)

JADUAL (TABLE) 18.3

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	3.06	58.63	0.10	0.00	61.79
Kedah	0.22	0.00	42.75	1.52	6,937.12	3.71	0.00	6,985.32
P.Pinang/Penang	0.00	0.00	0.00	0.00	5.70	0.00	1,696.01	1,701.71
Perak	0.00	0.00	0.00	0.00	4,791.90	0.00	0.00	4,791.90
Selangor	0.00	0.00	0.00	1,935.00	7,359.82	51.10	0.00	9,345.92
N. Sembilan	0.00	0.00	59.54	0.00	398.31	0.00	0.00	457.85
Melaka/Malacca	2.98	0.00	0.00	0.00	162.00	0.00	0.00	164.98
Johor/Johore	337.16	20.70	59.75	920.90	8,030.62	6.96	13.50	9,389.59
Pahang	3.06	0.00	0.00	52.80	2,600.10	0.00	0.50	2,656.46
Terengganu	13.87	0.00	0.00	0.00	587.72	1.96	0.05	603.60
Kelantan	4.24	1.20	0.00	0.00	1,082.60	0.00	0.30	1,088.34
Sarawak	0.00	0.00	0.00	0.00	1,584.00	0.00	0.00	1,584.00
Sabah	0.00	0.00	0.00	0.00	12,600.00	0.00	0.00	12,600.00
Jumlah/Total	361.53	21.90	162.04	2,913.28	46,198.52	63.83	1,710.36	51,431.46

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

MALAYSIA
 ANGGARAN NILAI RUNCIT PENGELUARAN HASIL IKAN DARI KOLAM AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1992
 ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE PONDS
 BY STATE AND FISH SPECIES, 1992
 (Nilai Dalam RM'000/Value In RM'000)

JADUAL (TABLE) 18.4

Negeri State	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>	Pelbagai <i>Miscellaneous</i>	Jumlah Total
Perlis	0.00	0.00	0.00	3.38	80.00	0.13	0.00	83.51
Kedah	0.28	0.00	47.50	1.64	8,090.42	4.68	0.00	8144.52
P. Pinang/Penang	0.00	0.00	0.00	0.00	6.75	0.00	2,194.83	2201.58
Perak	0.00	0.00	0.00	0.00	4,928.76	0.00	0.00	4,928.76
Selangor	0.00	0.00	0.00	2,098.71	8,132.40	67.16	0.00	10,298.27
N. Sembilan	0.00	0.00	64.15	0.00	452.13	0.00	0.00	516.28
Melaka/Malacca	3.42	0.00	0.00	0.00	180.00	0.00	0.00	183.42
Johor/Johore	413.23	29.10	95.06	1,082.68	8,254.68	11.19	15.00	9,900.94
Pahang	3.57	0.00	0.00	64.35	3,007.36	0.00	0.63	3,075.91
Terengganu	19.69	0.00	0.00	0.00	629.53	2.76	0.07	652.05
Kelantan	4.77	1.44	0.00	0.00	1,241.51	0.00	0.39	1,248.11
Sarawak	0.00	0.00	0.00	0.00	1,782.00	0.00	0.00	1,782.00
Sabah	0.00	0.00	0.00	0.00	13,500.00	0.00	0.00	13,500.00
Jumlah/Total	444.96	30.54	206.71	3,250.76	50,285.54	85.92	2,210.92	56,515.35

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, 1992
 NUMBER AND AREA OF BRACKISHWATER CAGES IN OPERATION AND NUMBER OF CULTURISTS
 BY RACE AND STATE, 1992

JADUAL (TABLE) 19.1

Negeri <i>State</i>	Sangkar Airpayau <i>Brackishwater Cages</i>		Bilangan Penternak Ikan <i>No. Of Culturists</i>				
	Bilangan <i>Number</i>	Luas (m2) <i>Area (m2)</i>	Melayu <i>Malay</i>	China <i>Chinese</i>	India <i>Indian</i>	Lain-lain <i>Others</i>	Jumlah <i>Total</i>
Perlis	0	0.00	0	0	0	0	0
Kedah	1,405	12,590.00	78	12	0	0	90
P.Pinang/ Penang	11,844	75,227.40	16	215	0	0	231
Perak	15,159	122,035.00	37	144	0	3	184
Selangor	7,031	90,518.03	13	126	0	0	139
N. Sembilan	16	148.64	6	0	0	0	6
Melaka/Malacca	68	631.72	8	0	0	0	8
Johor/Johore	4507	65,595.06	70	96	0	9	175
Pahang	38	889.60	2	0	0	0	2
Terengganu	840	8,377.40	30	0	0	0	30
Kelantan	304	11,986.51	70	0	0	0	70
Sarawak	40	400.00	0	0	0	31	31
Sabah	936	9,400.00	0	0	0	47	47
Jumlah/Total:	42,188	397,799.36	330	593	0	90	1,013

MALAYSIA
 ANGGARAN PENGELUARAN HASIL IKAN DARI SANGKAR AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1992
 ESTIMATED FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
 BY STATE AND FISH SPECIES, 1992
 (Kuantiti dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 19.2

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	27.24	17.10	3.52	0.00	0.00	0.00	0.00	0.23	48.09
P.Pinang/Penang	642.00	139.15	152.99	0.00	0.00	0.00	11.17	0.00	945.31
Perak	460.47	70.68	38.26	2.11	0.00	0.00	0.00	0.00	571.52
Selangor	1,110.68	30.72	36.16	3.25	0.00	0.00	13.20	0.00	1,194.01
N. Sembilan	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
Johor/Johore	457.02	20.02	28.36	0.38	0.15	3.00	38.67	0.72	548.32
Pahang	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90
Terengganu	4.75	0.74	0.76	0.00	0.00	0.00	0.18	0.00	6.43
Kelantan	8.61	1.16	0.00	0.00	0.00	0.00	0.00	0.00	9.77
Sarawak	35.00	7.00	3.00	0.00	0.00	0.00	0.00	0.00	45.00
Sabah	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jumlah/Total:	2,746.67	286.57	263.05	5.74	0.15	3.00	63.22	0.95	3,369.35

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

NA: Tidak dapat diperolehi.

Note : Includes Snapper, Rabbit fish, Horse Mackerel and Queenfish.

NA: Not available.

JADUAL (TABLE) 19.3

MALAYSIA
 ANGGARAN NILAI BORONG PENGELUARAN HASIL IKAN DARI SANGKAR AIRPAYAU/MASIN
 MENGIKUT NEGERI DAN SPESIES IKAN, 1992
 ESTIMATED WHOLESALE VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
 BY STATE AND FISH SPECIES, 1992
 (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>	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
Kedah	197.49	478.80	31.68	0.00	0.00	0.00	0.00	1.33	709.30
P. Pinang/Penang	6,554.82	4,292.78	1,529.90	0.00	0.00	0.00	125.66	0.00	12,503.16
Perak	4,144.23	1,837.68	497.38	21.10	0.00	0.00	0.00	0.00	6,500.39
Selangor	9,218.64	476.16	325.44	32.50	0.00	0.00	115.50	0.00	10,168.24
N. Sembilan	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
Johor/Johore	4,455.95	360.36	249.57	3.34	3.60	61.29	280.36	12.96	5,427.43
Pahang	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.10
Terengganu	36.81	8.88	6.76	0.00	0.00	0.00	0.77	0.00	53.22
Kelantan	68.88	17.40	0.00	0.00	0.00	0.00	0.00	0.00	86.28
Sarawak	525.00	154.00	54.00	0.00	0.00	0.00	0.00	0.00	733.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	25,209.92	7,626.06	2,694.73	56.94	3.60	61.29	522.29	14.29	36,189.12

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 HASIL IKAN DARI SANGKAR AIRPAYAU/MASIN
MENGIKUT NEGERI DAN SPESIES IKAN, 1992
ESTIMATED RETAIL VALUE OF FISH PRODUCTION FROM BRACKISHWATER/MARINE CAGES
BY STATE AND FISH SPECIES, 1992
 (Nilai Dalam RM'000/Value In RM'000)

JADUAL (TABLE) 19.4

Negeri State	Siakap Barramundi	Kerapu Grouper	Jenahak Mangrove Snapper	Merah Red Snapper	Udang Putih Banana Prawn	Udang Harimau Tiger Prawn	Ketam Mud Crab	Pelbagai Miscellaneous	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	254.15	538.65	35.20	0.00	0.00	0.00	0.00	1.73	829.73
P. Pinang/Penang	7,704.00	4,985.74	2,264.25	0.00	0.00	0.00	114.49	0.00	15,068.48
Perak	5,065.17	2,049.72	573.90	24.48	0.00	0.00	0.00	0.00	7,713.27
Selangor	10,884.66	537.60	379.68	38.35	0.00	0.00	151.80	0.00	11,992.09
N. Sembilan	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
Johor/Johore	5,461.39	506.51	397.04	4.18	4.13	63.00	450.89	14.40	6,901.54
Pahang	9.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.45
Terengganu	52.25	13.14	7.60	0.00	0.00	0.00	1.08	0.00	74.07
Kelantan	77.49	20.88	0.00	0.00	0.00	0.00	0.00	0.00	98.37
Sarawak	630.00	175.00	54.00	0.00	0.00	0.00	0.00	0.00	859.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jumlah/Total	30,138.56	8,827.24	3,711.67	67.01	4.13	63.00	718.26	16.13	43,546.00

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

MALAYSIA
BILANGAN PENTERNAK, KAWASAN DAN LUAS KAWASAN
TERNAKAN KERANG MENGIKUT NEGERI, 1992
NUMBER OF CULTURISTS, AREA AND SIZE
OF COCKLE CULTURE BY STATE, 1992

JADUAL (TABLE) 20.1

Negeri <i>State</i>	Bilangan Penternak <i>No. of Culturists</i>	Bilangan Kawasan <i>No. of Areas</i>	Luas Kawasan LTS (ha) <i>TOL Area (ha)</i>
Perlis	0	0	0
Kedah	3	3	69.63
P. Pinang/Penang	58	59	1,325.50
Perak	192	192	3,468.59
Selangor	14	14	703.01
N. Sembilan	0	0	0
Melaka/Malacca	0	0	0
Johor/Johore	23	4	72.65
Pahang	1	1	2.25
Terengganu	0	0	0
Kelantan	0	0	0
Sarawak	0	0	0
Sabah	0	0	0
Jumlah/Total	291	273	5,641.63

Nota: LTS - Lesen Tumpangan Sementara
Note: TOL - Temporary Occupation Licence

MALAYSIA
PENGELUARAN KERANG DEWASA MENGIKUT BULAN DAN NEGERI, 1992
PRODUCTION OF COCKLES BY MONTH AND STATE, 1992
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 20.2

Negeri State	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Total
Perlis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kedah	0.00	89.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.14
P.Pinang/Penang	802.00	0.00	870.00	1,017.50	887.70	738.00	764.90	643.50	524.00	737.10	825.00	2,011.50	9,821.20
Perak	1,709.13	2,702.23	3,374.20	3,298.09	3,021.02	3,348.16	2,699.86	2,765.89	5,784.85	2,895.90	2,981.85	3,615.93	38,197.11
Selangor	393.87	355.49	598.29	556.35	539.52	522.67	681.19	635.77	663.00	801.35	608.49	570.07	6,926.06
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	6.00	40.63	65.00	114.70	114.20	149.60	0.00	0.00	5.00	0.00	6.00	7.50	508.63
Pahang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.90	29.80	0.00	0.00	44.70
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	2,911.00	3,187.49	4,907.49	4,986.64	4,562.44	4,758.43	4,145.95	4,045.16	6,991.75	4,464.15	4,421.34	6,205.00	55,586.84

MALAYSIA
PENGELUARAN BENIH KERANG MENGIKUT BULAN DAN NEGERI, 1992
PRODUCTION OF COCKLE SEEDS BY MONTH AND STATE, 1992
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 20.3

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	151.64	102.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	254.52
Perak	349.80	392.65	12.98	0.00	736.91	459.86	0.00	0.00	0.00	0.00	0.00	0.00	1,952.20
Selangor	0.00	3,757.15	0.00	3,295.44	4,647.03	0.00	74.18	0.00	0.00	0.00	0.00	0.00	11,773.80
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	0.00	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	349.80	4,301.44	115.86	3,295.44	5,383.94	459.86	74.18	0.00	0.00	0.00	0.00	0.00	13,980.52

MALAYSIA
BILANGAN PENTERNAK, KAWASAN DAN LUAS KAWASAN
TERNAKAN SIPUT SUDU MENGIKUT NEGERI, 1992
NUMBER OF CULTURISTS, AREA AND SIZE
OF MUSSELS CULTURE BY STATE, 1992

JADUAL (TABLE) 21.1

Negeri <i>State</i>	Bilangan Penternak <i>(No. of Culturists)</i>	Bilangan Kawasan <i>(No. of Areas)</i>	Luas Kawasan Tol (m2) <i>Area (m2)</i>
Perlis	0	0	0.00
Kedah	37	51	2,002.97
P. Pinang / Penang	0	0	0.00
Perak	7	7	1,723.26
Selangor	11	11	576.00
N. Sembilan	23	17	1,724.05
Melaka/ Malacca	62	6	5,628.81
Johor/Johore	69	11	35,239.27
Pahang	0	0	0.00
Terengganu	0	0	0.00
Kelantan	0	0	0.00
Sarawak	6	1	69.40
Sabah	0	0	0.00
Jumlah/Total	215	104	46,963.76

JADUAL (TABLE) 21.2

MALAYSIA
PENGELUARAN SIPUT SUDU MENGIKUT BULAN DAN NEGERI, 1992
PRODUCTION OF MUSSELS BY MONTH AND STATE, 1992
(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	1.52	1.82	1.23	0.04	0.04	0.63	0.20	0.29	0.29	4.63	0.06	0.07	10.82
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	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	8.00	0.00	8.58	17.08
Selangor	0.45	0.19	1.15	0.16	0.17	0.18	0.28	0.18	0.16	0.20	0.24	0.20	3.56
N. Sembilan	4.90	0.00	0.00	0.95	0.35	0.00	0.00	0.00	0.00	0.67	0.00	0.00	6.87
Melaka/Malacca	9.21	44.48	3.74	6.54	5.35	3.14	2.86	4.67	19.61	14.57	11.08	15.52	140.77
Johor/Johore	95.68	123.97	68.33	65.35	74.13	81.98	67.84	101.00	121.85	79.51	92.13	267.04	1,238.81
Pahang	0.00	0.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00	0.00	0.00	0.00	4.60
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	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.73	3.88	58.67	68.41
Sarawak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.12	1.82	2.12
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:	111.89	170.46	74.45	73.04	80.04	90.53	71.68	106.14	141.91	113.49	107.51	351.90	1,493.04

MALAYSIA
BILANGAN PENTERNAK , KAWASAN DAN LUAS KAWASAN
TERNAKAN TIRAM MENGIKUT NEGERI, 1992
NUMBER OF CULTURISTS , AREA AND SIZE
OF OYSTER CULTURE BY STATE, 1992

JADUAL (TABLE) 21.3

Negeri State	Bilangan Penternak (No. of Culturists)	Bilangan Kawasan (No. of Areas)	Luas Kawasan Tol (m2) Area (m2)
Perlis	0	0	0.00
Kedah	4	20	741.75
P. Pinang	0	0	0.00
Perak	6	1	216.00
Selangor	2	2	33.00
N. Sembilan	0	0	0.00
Melaka	0	0	0.00
Johor	0	0	0.00
Pahang	0	0	0.00
Terengganu	15	22	29,265.20
Kelantan	70	304	5,993.26
Sarawak	0	0	0.00
Sabah	0	0	0.00
Jumlah/Total	97	349	36,249.21

MALAYSIA
HARGA BORONG IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1992
WHOLESALE PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1992
(RM/Kg)

JADUAL (TABLE) 22.1

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Rumpot Grass Carp	Kap Kepala Besar Big Head Carp	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Udang Galah Giant Fresh- water Prawn	Keli Freshwater Catfish	Ketutu Goby	Jelawat River Carp	Belut Eel	Pelbagai Miscellaneous
Perlis	0.00	3.10	0.00	2.10	3.00	3.50	13.24	3.00	14.60	6.20	0.00	3.00
Kedah	2.42	2.75	0.00	2.60	2.78	3.12	14.00	2.96	10.00	8.00	0.00	1.00
P.Pinang/Penang	2.65	2.30	0.00	0.00	0.00	4.50	20.25	3.96	0.00	9.50	0.00	3.00
Perak	2.78	3.25	3.67	1.88	3.26	3.68	18.00	3.83	16.78	6.80	0.00	3.50
Selangor	4.24	4.00	3.55	1.53	3.43	4.01	15.50	4.14	22.75	9.00	0.00	1.30
N. Sembilan	3.45	3.66	3.30	2.50	3.10	3.82	11.40	4.46	10.00	5.75	0.00	4.64
Melaka/Malacca	3.20	3.00	3.23	1.75	2.83	4.25	18.00	3.70	21.00	8.20	0.00	5.00
Johor/Johore	3.75	3.50	4.33	3.75	2.83	4.14	15.20	3.75	20.57	7.33	0.00	4.91
Pahang	3.87	4.25	4.40	4.20	4.50	4.00	13.00	5.12	24.25	25.00	14.00	3.69
Terengganu	3.70	3.66	4.08	4.17	4.12	4.82	10.00	3.62	12.15	6.80	0.00	2.52
Kelantan	3.34	4.91	4.43	4.12	4.21	4.50	12.14	3.73	9.83	7.00	0.00	4.25
Sarawak	4.00	3.00	3.20	3.00	2.00	6.00	19.67	8.94	0.00	6.00	0.00	4.00
Sabah	6.00	10.00	10.00	7.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
Harga Bertimbang Weighted Price	5.27	8.84	4.51	2.26	6.61	3.95	16.16	3.69	22.65	7.72	14.00	4.91

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

MALAYSIA
HARGA RUNCIT IKAN AIRTAWAR DI PASAR-PASAR UTAMA MENGIKUT
NEGERI DAN SPESIES IKAN, 1992
RETAIL PRICES OF FRESHWATER FISH AT MAJOR MARKETS
BY STATE AND FISH SPECIES, 1992
(RM/KG)

JADUAL (TABLE) 22.2

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>	Tilapia Hitam <i>Black Tilapia</i>	Tilapia Merah <i>Red Tilapia</i>	Udang Galah <i>Giant Fresh-water Prawn</i>	Keli <i>Freshwater Catfish</i>	Ketutu <i>Goby</i>	Jelawat <i>River Carp</i>	Belut <i>Eel</i>	Pelbagai <i>Miscellaneous</i>
Perlis	0.00	3.80	0.00	3.65	3.50	4.80	0.00	5.00	16.10	8.10	0.00	4.50
Kedah	3.21	3.75	0.00	3.25	3.70	3.83	17.00	4.16	14.00	10.90	0.00	2.00
P.Pinang/Penang	3.00	2.80	0.00	0.00	0.00	5.00	21.00	4.41	0.00	12.00	0.00	4.00
Perak	4.03	4.85	5.40	2.92	4.46	5.05	19.00	5.42	21.30	9.50	0.00	4.50
Selangor	5.44	6.00	4.15	2.10	4.53	4.97	16.62	5.40	30.00	11.25	0.00	1.40
N. Sembilan	4.80	4.91	4.80	5.00	4.25	5.12	16.50	5.90	28.00	8.00	0.00	6.06
Melaka/Malacca	4.35	3.50	4.33	1.85	3.00	5.16	20.00	4.62	27.50	10.00	0.00	6.00
Johor/Johore	4.75	4.16	5.66	5.25	3.25	5.35	18.00	5.16	25.16	9.75	0.00	6.52
Pahang	5.05	4.50	5.00	5.00	4.90	5.62	18.16	6.36	28.16	38.63	14.00	4.73
Terengganu	4.75	4.58	5.00	5.00	4.71	5.41	12.50	5.00	17.50	7.87	0.00	3.72
Kelantan	4.35	5.70	5.26	4.62	4.33	5.50	15.62	5.12	16.50	8.66	0.00	5.11
Sarawak	5.00	3.50	3.50	3.20	2.80	8.00	0.00	0.00	8.00	6.80	0.00	4.50
Sabah	7.00	12.00	12.00	8.00	7.67	0.00	0.00	0.00	0.00	0.00	0.00	7.00
Harga Bertimbang Weighted Price	6.29	10.59	5.50	2.40	7.25	5.04	18.20	4.97	26.86	9.70	14.00	5.71

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

MALAYSIA
HARGA BORONG IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN SPESIES IKAN, 1992
WHOLESALE PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 1992
(RM/KG)

JADUAL (TABLE) 23.1

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	Tiram Oyster	Pelbagai Miscellaneous
Perlis	0.00	0.00	0.00	0.00	19.10	10.00	11.00	0.00	0.00	0.00	0.00
Kedah	7.25	28.00	9.00	0.00	19.00	9.50	16.00	0.30	0.70	12.50	5.79
P. Pinang/Penang	10.21	30.85	10.00	12.00	0.00	11.25	19.00	0.31	0.40	0.00	8.50
Perak	9.00	26.00	13.00	10.00	0.00	8.00	17.50	0.25	0.65	12.50	0.00
Selangor	8.30	15.50	9.00	10.00	19.50	8.75	18.10	0.25	1.10	0.00	0.00
N. Sembilan	0.00	0.00	9.25	0.00	0.00	0.00	18.50	0.00	0.80	0.00	0.00
Melaka/Malacca	9.30	0.00	9.00	0.00	8.00	0.00	18.00	0.00	0.40	0.00	0.00
Johor/Johore	9.75	18.00	8.80	8.80	24.00	7.25	20.43	0.34	0.42	0.00	18.00
Pahang	9.00	0.00	0.00	0.00	19.20	0.00	16.00	0.33	0.60	0.00	6.20
Terengganu	7.75	12.00	8.90	0.00	0.00	4.25	14.62	0.00	0.50	9.50	5.13
Kelantan	8.00	15.00	0.00	0.00	20.00	5.00	14.83	0.00	0.30	9.00	6.05
Sarawak	15.00	22.00	18.00	0.00	0.00	0.00	16.00	0.00	0.60	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00
Harga Bertimbang Weighted Price	9.80	24.22	10.16	9.92	20.58	7.84	16.40	0.26	0.42	9.80	8.56

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

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

MALAYSIA
HARGA RUNCIT IKAN AIRPAYAU/MASIN DI PASAR-PASAR UTAMA MENGIKUT NEGERI DAN SPESIES IKAN, 1992
RETAIL PRICES OF BRACKISHWATER/MARINE FISH AT MAJOR MARKETS BY STATE AND FISH SPECIES, 1992
(RM/KG)

JADUAL (TABLE) 23.2

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	Tiram Oyster	Pelbagai Miscellaneous
Perlis	0.00	0.00	0.00	0.00	21.10	12.50	15.00	0.00	0.00	0.00	0.00
Kedah	9.33	31.50	10.00	0.00	20.50	12.00	18.66	0.60	1.00	14.00	7.52
P. Pinang/Penang	12.00	35.83	14.80	13.00	0.00	10.25	22.50	0.60	0.70	0.00	11.00
Perak	11.00	29.00	15.00	11.60	0.00	10.00	18.00	0.50	1.00	14.50	0.00
Selangor	9.80	17.50	10.50	11.80	21.15	11.50	20.00	0.45	1.50	0.00	0.00
N. Sembilan	0.00	0.00	9.90	0.00	0.00	0.00	21.00	0.00	1.00	0.00	0.00
Melaka/Melacca	10.70	0.00	10.00	0.00	10.00	0.00	20.00	0.00	0.80	0.00	0.00
Johor/Johore	11.95	25.30	14.00	11.00	27.50	11.66	21.00	0.60	0.90	0.00	20.00
Pahang	10.50	0.00	0.00	0.00	23.40	0.00	18.50	0.60	0.95	0.00	7.90
Terengganu	11.00	17.75	10.00	0.00	0.00	6.00	15.66	0.00	0.78	11.50	6.80
Kelantan	9.00	18.00	0.00	0.00	24.00	7.00	17.00	0.00	0.75	11.50	7.85
Sarawak	18.00	25.00	18.00	0.00	0.00	0.00	18.00	0.00	1.00	0.00	0.00
Sabah	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00
Harga Bertimbang Weighted Price	10.98	30.77	13.94	11.60	22.96	11.35	17.84	0.49	0.84	15.20	11.05

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, 1992
PRODUCTION OF ORNAMENTAL FISH BY STATE, 1992
(BILANGAN DALAM EKOR / NUMBER IN PIECES)

JADUAL (TABLE) 24.1

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	0	0	0	0	0	0	0	0	0	0	0	0
Kedah	0	0	0	0	0	0	0	0	0	0	0	0
P.Pinang/Penang	1,616,256	0	242,438	0	0	2,491,459	0	4,040,641	0	0	1,858,695	10,249,489
Perak	5,068,761	10,925,371	312,887	1,314,123	0	1,864,804	0	0	0	0	1,032,526	20,518,472
Selangor	1,986,014	4,734,528	1,837,917	1,701,187	0	0	0	0	0	0	0	10,259,646
N.Sembilan	0	680	0	0	0	0	0	0	0	0	0	680
Melaka/Malacca	9,000	0	0	23,000	0	7,500	0	0	0	0	500	40,000
Johor/Johore	10,498,562	13,705,862	3,699,086	19,299,393	8,424,508	3,006,309	5,773	2,480,312	0	342,112	67,289	61,529,206
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	0	0	0	0	0	0	0	0	0	0	0	0
Sabah	0	0	0	0	0	0	0	0	0	0	0	0
Jumlah/Total	19,178,593	29,366,441	6,092,328	22,337,703	8,424,508	7,370,072	5,773	6,520,953	0	342,112	2,959,010	102,597,493

JADUAL (TABLE) 24.2

MALAYSIA
PENGELUARAN DAN NILAI IKAN HIASAN MENGIKUT NEGERI, 1992
PRODUCTION AND VALUE OF ORNAMENTAL FISH BY STATE, 1992

Negeri State	Pengeluaran(Ekor) Production(Pieces)	Nilai (RM) Value (RM)
Perlis	0	0.00
Kedah	0	0.00
P.Pinang/Penang	10,249,489	3,384,322.56
Perak	20,518,472	4,182,115.72
Selangor	10,259,646	942,235.71
N.Sembilan	680	4,400.00
Melaka/Malacca	40,000	26,050.00
Johor/Johore	61,529,206	8,882,314.68
Pahang	0	0.00
Terengganu	0	0.00
Kelantan	0	0.00
Sarawak	0	0.00
Sabah	0	0.00
Jumlah/Total	102,597,493	17,421,438.67

MALAYSIA
BILANGAN DAN PENGELUARAN KILANG "FEEDMILL"
MENGIKUT NEGERI, 1992
NUMBER AND PRODUCTION OF FEEDMILLS BY STATE, 1992

JADUAL (TABLE) 25.1

Negeri State	Bilangan Number	Pengeluaran(Tan/Metrik) Production (Tonnes)
Perlis	1.00	1,910.00
Kedah	4.00	6,497.14
P.Pinang/Penang	1.00	200.00
Perak	0.00	0
Selangor	9.00	17,865.75
N.Sembilan	0.00	0
Melaka/Malacca	1.00	2,025.00
Johor/Johore	0.00	0
Pahang	0.00	0
Terengganu	0.00	0
Kelantan	0.00	0
Sarawak	0.00	0
Sabah	0.00	0
Jumlah/Total	16.00	28,497.89

MALAYSIA
 BILANGAN DAN PENGELUARAN PUSAT PENGELUARAN BENIH IKAN/UDANG SWASTA
 MENGIKUT NEGERI, 1992
 NUMBER AND PRODUCTION OF PRIVATE FISH/PRAWN FRY HATCHERY CENTRE
 BY STATE, 1992

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	0	0	0
Kedah	14	15.35	9.15
P.Pinang/Penang	1	24	0
Perak	10	54	1.36
Selangor	5	NA	0.12
Wilayah Persekutuan Kuala Lumpur	2	NA	NA
Negeri Sembilan	0	0	0
Melaka/Malacca	3	3.9	1.6
Johor/Johore	19	297	0
Pahang	0	0	0
Terengganu	4	3260	0.48
Kelantan	0	0	0
Sarawak	1	6	0
Sabah	0	0	0
Jumlah	59	3660.25	12.71

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

PERAIRAN UMUM/PERIKANAN DARAT
PUBLIC WATER BODIES/INLAND FISHERIES

MALAYSIA
PENDARATAN IKAN AIRTAWAR DARI PERAIRAN UMUM /PERIKANAN DARAT MENGIKUT BULAN DAN NEGERI, 1992
LANDINGS OF FRESHWATER FISH FROM PUBLIC WATERBODIES /INLAND FISHERIES BY MONTH AND STATE, 1992
(Kuantiti Dalam Tan Metrik/Quantity in Tonnes)

JADUAL (TABLE) 27.1

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	0.00	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	13.21	11.10	11.00	10.28	9.30	9.35	5.55	5.88	7.32	7.30	10.23	8.52	109.04
P.Pinang/Penang	0.72	0.66	0.86	0.87	0.82	0.80	1.15	0.79	0.91	1.11	1.07	0.93	10.69
Perak	82.01	70.57	75.44	77.40	82.93	77.44	73.49	75.12	132.70	97.51	89.19	146.63	1,080.43
Selangor	9.04	7.99	9.75	7.08	6.47	7.50	6.13	8.72	8.85	10.61	5.53	7.69	95.36
N. Sembilan	0.39	0.54	0.00	0.99	0.60	0.29	0.35	0.00	0.41	0.38	0.35	0.31	4.61
Melaka/Malacca	1.02	1.73	0.98	0.11	1.26	1.02	1.22	1.09	1.43	1.16	1.59	1.90	14.51
Johor/Johore	18.14	12.26	9.55	14.27	4.74	5.84	7.93	7.58	7.44	8.98	9.15	10.18	116.06
Pahang	17.59	13.58	1.49	12.20	11.38	12.96	11.71	15.54	16.19	44.93	36.23	23.81	217.61
Terengganu	2.64	3.68	5.71	7.02	6.29	5.87	6.01	9.79	5.10	7.60	5.00	5.79	70.50
Kelantan	4.45	3.83	3.34	4.59	4.74	4.15	5.00	4.25	3.93	5.65	5.38	5.24	54.55
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:	149.21	125.94	118.12	134.81	128.53	125.22	118.54	128.76	184.28	185.23	163.72	211.00	1,773.36

**KLASIFIKASI PERANGKAAAN PIAWAIAAN IKAN-IKAN
AIRTAWAR MALAYSIA**
STANDARD STATISTICAL CLASSIFICATION OF COMMON
MALAYSIAN FRESHWATER FISHES

DAN (AND)

**KLASIFIKASI PERANGKAAAN PIAWAIAAN IKAN-IKAN
LAUT MALAYSIA**
STANDARD STATISTICAL CLASSIFICATION OF MALAYSIAN
MARINE FISHES

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

**STANDARD STATISTICAL CLASSIFICATION
OF COMMON MALAYSIAN FRESHWATER FISHES**

ISSCAAP Division Code	group of species	Local Name	English Name	Scientific Name
1 FRESHWATER FISHES				
11	Carps, Barbels and others	Tengas	Carp	<i>Acrossocheilus hexagonotepis</i>
		Kap Kepala Besar	Big HeadCarp	<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</i> cyprinids
		Temperas	Carp	<i>Cyclocheilichthys apogon</i>
		Lee Koh	Common Carp	<i>Cyprinus Carpio</i>
		Selimang Batu	Carp	<i>Epbalzeorthynchus kalopteris</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 Division Code	group of species	Local Name	English Name	Scientific Name
		Lallang	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>
		Limbati	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 Division Code	group of species	Local Name	English Name	Scientific Name
		Baung	River Catfish	<i>Mystus nemurus</i>
		Tengku Lolah	River Catfish	<i>Mystus wyckii</i>
		Belida	Feather back	<i>Notopterus notopterus</i>
		Kalui	Giant Gourami	<i>Osphronermus 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>Pangassius micronemus</i>
		Patin	River Catfish	<i>Pangassius pangassius</i>
		Kepar, Patong	Perch	<i>Pristigaster fasciatus</i>
		Kelesa	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 PIAWAIAN
IKAN-IKAN LAUT MALAYSIA**

**STANDARD STATISTICAL CLASSIFICATION OF
MALAYSIA MARINE FISHES**

ISSCAAP Division Code	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>
3 MARINE FISHES				
31	Flounders, Halibuts, Soles, etc.	Lidah	+ Tonguefish (Tongue sole)	<i>Cynoglossus spp</i>
		Sebelah	+ Flatfish	<i>Pseudorhombus spp</i>
33	Redfishes, Basses, Congers, etc.	Bayan	+ Parrotfish	<i>Callyodon spp./Thalassoma spp.</i>
		Biji nangka	+ Goatfish	<i>Upeneus spp.</i>
		Daun Baharu	+ Spotted sicklefish	<i>Drepane punctata</i>
		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/Tongkerong	+ Jewfish	<i>Sciaena spp./Johnius spp. Otolithus spp/Otolithoides spp.</i>
		Gerus-gerut	+ Grunter	<i>Promadasys spp.</i>

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

ISSCAAP Division Code	Local Name Group of species	English Name	Scientific Name
34	Jacks, Mulletts, Sauries, etc.	Aji-aji	+Amberjack <i>Seriolanigrasfiata</i>
		Alu-alu/ Kacang-kacang	+ Barracuda <i>Sphyræna jello/S. optusa</i>
		Aruan Tasek	+ Black kingfish <i>Rachycentron canadus</i>
		Bawal hitam	0 Black pomfret <i>Formioniger</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/valamugi 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>
		Goreng-goreng	+Golden trevally <i>Caranx speciosus</i>
		Kurau/Senangin/ Senohong	0 Threadfin <i>Polynemus spp/Elleutheronema 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 muruadis/D. macrosoma</i>
		talang	0 Queenfish (Leatherskin) <i>Scomberoides commersonianus</i>

ISSCAAP Division Code	Local Name Group of species	English Name	Scientific Name
35	Herrings, Sardines, Anchovies, etc.	Tamban sisek	0 Fringescale sardinella
		Tamban buluh/ T.Bulat	0 Rainbow sardine
		Bilis	0 Achovy
		Parang-parang	0 Dorab wolf-herring
		Bulan-bulan	+Indo-Pacific tarpon
36	Tunas, Bonitos,	Aya/Kayu/Tongkol hitam	0 Longtail tuna
		Aya/Kayu/Tongkol kurik	0 Kawakawa (eastern little tuna)
	Billfishes, etc.	Aya/Kayu/Tongkol Selasih	0 Frigate tuna
		Layaran/Mersuji	0 Sailfish/Black and Blue marine
		Tenggiri	0 Spanish mackerel
37	Mackerels, Snoeks, Cutlass, fishes, etc.	Kembong/Temenong	0 Indian mackerel
		Timah/layor/Selayor	+Large-head hairtail (Ribbon fish)
38	Sharks, Rays, Chimaeras, etc.	Yu	+ Shark
		Pari	+ Ray
39	Miscellaneous marine fishes	Ikan Baja	+0 Trash fish
		Ikan Campur	+0 Mixed fishes

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

ISSCAAP Division Code		Local Name Group of species	English Name	Scientific Name
56	Clams, Cockles, Arkshells, etc.	Kerang Retak seribu Lain-lain siput	Blood cockle Carpet clam Other clams/Snails	<i>Anadara granosa</i> <i>Paphia undulata</i> <i>Bivalves/Gastropods</i>
57	Squids, Cuttlefishes, Octopuses, etc.	Sotong biasa/ cumit-cumit Sotong Katak, Sotong kereta	Common squid Cuttlefish Octopus	<i>Loligo spp.</i> <i>Sepia spp.</i> <i>Octopodidae</i>
7 MISCELLANEOUS				
76	Sea-urchins, Sea-cucumbers and 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 and anchovy) drift/gill nets and lift nets are considered pelagic.
ISSCAAP	=	International Standard Statistical Classification of Aquatic Animals and Plants.