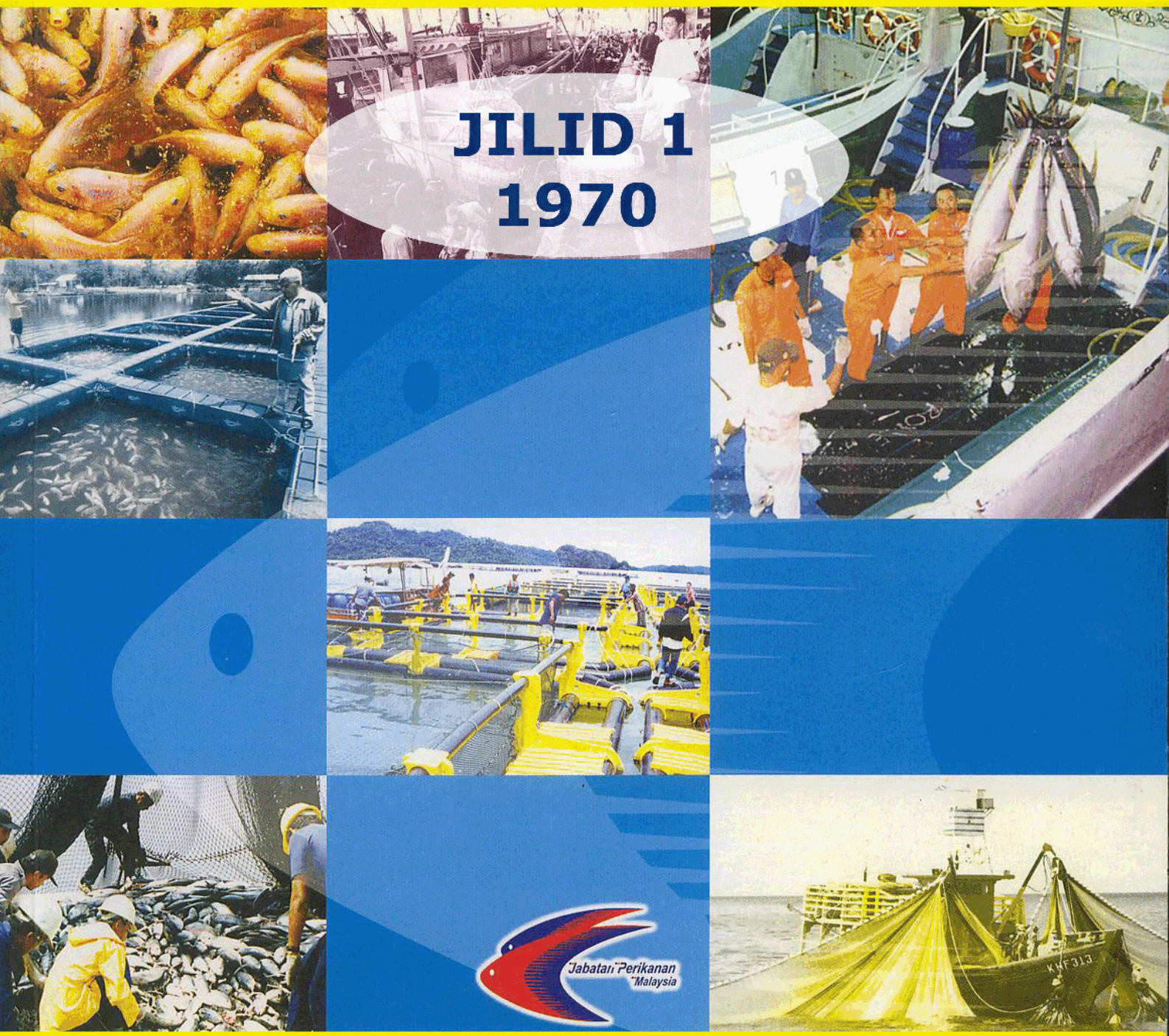
MENU UTAMA

PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS



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MINISTRY OF AGRICULTURE AND LANDS

BAHAGIAN PERIKANAN

FISHERIES DIVISION

PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

MALAYSIA BARAT

WEST MALAYSIA

1970

SEKSI PERANGKAAN
STATISTICS SECTION

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KUALA LUMPUR

PENDAHULUAN

Perangkaan Tahunan Perikanan, satu penerbitan tahunan, menunjokkan activiti2 Bahagian Perikanan, Kementerian Pertanian dan Tanah (di-kenali dahulu sabagai Kementerian Pertanian dan Sharikat2 Kerjasama). Penerbitan ini di-rangkakan sechara umum untok membantu Pegawai2 dalam penyelidekan saintifik dan ekonomi perikanan, perkhidmatan2 Pengembangan Perikanan (Fisheries Extension Services) dan lain2 badan perikanan tempatan dan antara bangsa yang berminat. Laporan ini meliputi hanya perusahaan perikanan di-Malaysia Barat sahaja. Kebanyakan perangkaan dalam Laporan ini di-kutip dan di-kumpulkan oleh Bahagian ini daripada berbagai2 puncha dalam organisasi kami manakala satengah perangkaan yang di-kumpulkan dari puncha2 lain ada-lah di-tunjokkan dalam jadual2 yang berkenaan.

Dalam organisasi kami, ada dua puncha terbesar daripada mana perangkaan2 laporan ini di-perolehi. Satu puncha ia-lah penyata2 perangkaan bulanan yang di-dapati dalam Laporan Bulanan yang di-kemukakan oleh Pegawai2 Perikanan Negeri ka-Ibu Pejabat. Dalam Malaysia Barat ada sembilan Pejabat2 Perikanan Negeri, tiap2 satu di-sabuah Negeri dengan kechuali-nya Negeri2 Kedah dan Perlis, Negeri2 Negeri Sembilan dan Malacca yang menjadi satu unit tiap2 satu-nya. Pejabat2 Perikanan Negeri menyemak penyata2 perangkaan bulanan daripada penyata2 yang di-sampaikan oleh Pembantu2 Perikanan yang di-steshen di-berbagai2 Daerah2 Perikanan di-bawah jagaan Pegawai2 Negeri masing2. Puncha yang lain ia-lah daripada rekod2 lesen2 perahu nelayan dan perkakas2 menangkap ikan yang di-simpan dalam Pejabat2 Perikanan Negeri.

Perangkaan2 untok puncha pertama ada-lah mengikut chara2 chontoh (sampling methods) yang di-tetapkan oleh Ibu Pejabat Perikanan dan di-laksanakan oleh Pembantu2 Perikanan di-daerah-nya. Oleh itu, perangkaan2 itu ada-lah tepat dalam had2 perchon-tohan (limit of sampling). Pembantu2 Perikanan masing2 ada-lah bertanggong jawab bagi laporan mengenai pendaratan ikan2 laut, hasil2 perikanan yang di-peroseskan dan bilangan perahu menangkap ikan dan perkakas2 menangkap ikan yang di-gunakan tiap2 bulan dalam daerah2 bawah jagaan mereka. Ada-nya tiga-puloh satu daerah bagi tujuan pentadbiran perikanan dan itu juga dalam beberapa daerah tidak bersamaan dengan daerah2 Pentadbiran Negara ini. Tugas utama Pembantu2 Perikanan ada-lah untok melawat kampong2 nelayan dan menemui (interview) nelayan2 yang di-pileh mengikut chara perangkaan biasa-nya semasa lawatan2 ka-kampong2 nelayan ini untok tujuan melesen dan pemereksaan dia menanyakan kapada pengguna2 yang di-pileh, mengenai bilangan perkakas2 menangkap ikan yang di-gunakan dalam kampong tersebut, dan anggaran pendaratan ikan mengikuti berbagai jenis yang di-anggap penting untok perdagangan dan harga2-nya sa-masa pendaratan. Perangkaan ini boleh di-perolehi dalam jadual 1 hingga 10.

PREFACE

The Fisheries Annual Statistics, a yearly publication, indicates the activities of the Fisheries Division, Ministry of Agriculture and Lands (formerly known as the Ministry of Agriculture and Co-operatives). This publication is designed generally to assist officers in Scientific and economic researches in fisheries, extension services and various other interested local and international bodies in fisheries. This report covers only fisheries in West Malaysia. Most of the statistics in this report are collected and compiled by this Division from its various sources within our organisation, while some of those compiled from other sources are duly acknowledged in the relevant tables.

Within our organisation, there are two main sources from which statistics in this report are obtained. One source is the monthly statistical returns of the State Fisheries Officers monthly reports to the Headquarters. There are nine state fisheries offices altogether in West Malaysia one in each state with the exception of Kedah and Perlis, Negeri Sembilan and Malacca which form one unit each. The state fisheries offices compile their monthly statistical returns from those submitted by the Fisheries Assistants stationed in various Fisheries Districts under the supervision of various state offices. The other source is from the records of licences of fishing boats and fishing gears kept at the State fisheries offices.

The statistics for the first source are based on sampling methods specified by the Fisheries Headquarters, to be carried out by the Fisheries Assistants on the ground. Therefore these statistics are accurate within the limits of sampling. The Fisheries Assistants are responsible for reporting every month the marine fish landings, processed fish products and fishing boats and fishing gears in operation, in the Fisheries District under their supervision. There are thirty-one of these districts for the purpose of fisheries administration and these in some cases do not coincide with the administrative districts of the country. The main duty of these Fisheries Assistants is to visit fishing villages in their district and interview statistically selected sample fishermen. Usually during his visits to the fishing villages for licensing and inspection of fishing boats, he enquires on selected operators about the number of particular gears in operation in the villages, estimated landings of fish by different species of commercial importance and their prices at landing places. These statistics are available in tables 1 to 10.

The main difficulty faced by the Fisheries Assistants in collecting the above data is their numerous other duties, other than collection of statistics. These duties include licensing and inspection of fishing boats and gears, prosecution of fishermen operating fishing boats and gears without a valid licence, providing extension and development services to the fishing industry at district level. Such duties demand a great deal of their

Kesulitan penting yang di-hadapi oleh Pembantu2 Perikanan dalam masa-nya mengutip angka2 tersebut di-atas ada-lah berbagai2 tugas-nya sa-lain daripada mengutip perangkaan. Tugas2 ini termasok melesen perahu2 menangkap ikan dan perkakas2 menangkap ikan, mendaawa nelayan2 yang mengusahakan bot2 menangkap ikan dan perkakas2 menangkap ikan dengan tanpa lesen yang berkuatkuasa di-masa itu, dan memberi perkhidmatan2 pengembangan (extension) dan pembangunan (development) kapada perusahaan perikanan di-perengkat daerah. *Tugas2 ini memaksa mereka mengambil masa yang terlalu lebeh* manakala dalam tempoh masa kesibokan, mereka mungkin tidak dapat menjalankan tugas2 mengutip perangkaan dengan chara yang mereka ingin menjalankan-nya.

Puncha yang kedua menghasilkan maalumat2 mengenai bot2 menangkap ikan, injin2, perkakas2 menangkap ikan, nelayan2 dan lain2 maalumat yang boleh di-dapati daripada-nya. Perangkaan ini di-perolehi daripada rekod2 lesen perahu2 nelayan dan perkakas2 menangkap ikan. Oleh demikian, *perangkaan itu boleh-lah di-katakan* tepat dalam had2 bahawa bot2 dan perkakas2 menangkap ikan itu di-lesen. Perangkaan berkenaan boleh di-dapati dalam jadual 16 hingga 19.

Perangkaan Perikanan darat ada-lah bergantong kapada bilangan dan luas-nya kolam2 ikan, pengeluaran ikan daripada penternakan kolam dan pembahagian benih2 ikan kapada penternak ikan oleh Bahagian ini. Perangkaan ini boleh di-perolehi di-jadual 23 hingga 26 dan di-kumpulkan apabila penternak2 ikan datang ka-Bahagian ini untok meminta benih2 ikan, nasihat2 teknikal dan bantuan2 kebendaan.

Perangkaan ada juga di-kumpulkan dari Jabatan2 lain. Salah satu ia-lah Jabatan Perangkaan daripada mana jadual 11, Impot dan Eskpot Ikan dan Hasil2 Perikanan telah di-dapati dan yang lain, Lembaga Pemasaran Pertanian Persekutuan daripada mana jadual 12 dan 13, Harga2 Borong dan Runchit Ikan di-perolehi. Ada-lah di-perhati2kan bahawa perangkaan2 ini ada-lah tertaalok kapada sebarang perubahan dan pembetulan. Penerbitan2 resmi Jabatan masing2 ada-lah kuasa muktamad mengenai ketepatan angka2 tersebut.

Ada-lah di-dapati bahawa keperluan untok memperbaiki chara2 pemungutan perangkaan perikanan yang bermutu tinggi hendak-lah seterus-nya di-usahakan. Oleh yang demikian segala tegoran2 dan shor2 yang membena (Constructive criticisms and suggestions) ada-lah di-persilakan dengan pandangan untok memperbaiki bidang pengliputan (scope of coverage) dan juga segala usaha2 bagi menunjokkan kesilapan2 yang terdapat dalam chetakan ini ada-lah sangat di-hargai.

time that during peak busy period, they may not be able to discharge their duty of collecting statistics in the manner that they would like to do.

The second source provides for informations on fishing boats, engines, gears and fishermen, and other informations pertaining to them. They are compiled from our records of licence of fishing boats and gears on manual punch cards. As such they may be considered to be accurate, within the limits that the boats and gears are licensed. These statistics are found in tables 16 to 19.

The inland fisheries statistics are confined to the number and acreage of fishing ponds, production of fish from pond culture and supply of fish fry to the fish farmers by the Division. These statistics appear on tables 23 to 26 and are collected when the fish farmers approach the Division for fish fry, technical advice and assistance.

Statistics are also compiled from other Departments as well. One, the Statistics Department from which table 11, imports and exports of fish and fisheries products are obtained and the other, Federal Agricultural Marketing Authority, from which tables 12 and 13, wholesale and retail prices of fish are obtained. It should be noted that these figures are subject to alterations and correctness. Their respective official publications are the final authority as to the corrections of these figures.

There is always a need to improve upon the collection of current and basic fisheries statistics qualitatively as well as quantitatively. Therefore all constructive criticisms and all suggestions with a view to improve upon the scope of coverage as well as all efforts in pointing out any errors in this publication will be most appreciated.

GAN BON HUA
PEGAWAI PERIKANAN (PERANGKAAN)
(FISHERIES OFFICER (STATISTICS)

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MALAYSIA BARAT (WEST MALAYSIA)

Jadual 1
(Table 1)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN NEGERI - 1970

(Landings of Marine Fish by Month and State - 1970)

Negeri (State) / Bulan (Month)	January	February	March	April	May	June	July	August	September	October	November	December	JUMLAH (Total) Piculs	JUMLAH (Total) Tons
Perlis	7,192	6,714	6,329	9,649	8,294	9,667	6,209	5,837	7,200	6,853	7,068	6,045	87,057	5,182
Kedah	48,411	55,390	49,914	39,403	32,822	33,265	31,340	31,919	26,691	36,733	44,316	47,163	477,369	28,415
Pulau Pinang(Penang)	62,936	52,200	58,140	56,057	58,563	52,873	48,096	51,530	52,351	51,188	52,062	42,784	630,780	36,023*
Perak	160,963	139,711	160,699	145,688	155,384	136,268	147,791	135,514	126,918	128,071	126,986	118,525	1,682,520	100,150
Selangor	69,901	70,448	75,563	52,234	51,417	58,068	68,410	82,124	65,125	62,087	48,549	59,245	763,191	45,428
Negeri Sembilan	641	584	590	510	519	555	500	483	477	501	633	512	6,505	387
Melaka(Malacca)	2,226	2,186	2,703	2,323	2,540	2,573	2,992	2,566	2,433	2,437	2,566	2,454	29,999	1,786
Kelantan	3,729	4,526	8,266	13,649	11,812	12,115	12,269	12,661	11,432	10,879	7,553	2,476	111,367	6,629
Trengganu	15,887	22,367	30,604	32,836	33,097	33,898	39,076	33,078	46,041	42,063	14,978	11,260	355,205	21,143
Pahang	7,326	8,460	8,652	7,570	9,181	10,478	11,266	9,145	12,323	26,257	19,954	8,098	138,708	8,257
Johor - Timor (Johore - East)	26,703	34,505	35,901	34,770	32,237	31,324	37,534	44,742	50,057	52,429	44,716	40,918	465,838	27,728
Johor - Barat (Johore - West)	11,888	15,000	13,523	14,466	15,794	18,588	15,558	16,171	14,907	16,368	17,416	17,933	187,632	11,168
JUMLAH - Piculs	417,803	412,091	450,884	409,155	411,860	399,692	421,041	425,768	415,955	435,886	386,803	357,433	4,944,171	
(TOTAL) - Tons	24,869	24,529	26,838	24,355	24,504	23,791	25,062	25,343	24,759	25,946	23,024	21,276		294,296*

1 ton = 16.8 piculs

including 1,718 tons of Oceanic Tuna, Marlin and Others.

CYK/lly.

MALAYSIA BARAT (WEST MALAYSIA)

Jadual 2
(Table 2)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stakes Large)	5,677	5,753	6,227	7,900	6,465	8,491	8,817	8,536	7,873	7,704	7,205	6,936	89,584	5,332
Belat2 Kechil (Fishing Stakes Small)	2,063	1,720	1,804	1,884	1,695	1,828	1,993	1,941	1,403	1,348	1,516	1,317	20,512	1,221
Pukat2 Tarek (Seine Nets)	146,333	139,299	159,893	141,547	146,728	123,356	131,946	131,700	116,454	123,011	92,866	73,696	1,526,829	90,883
Jaring2 Hanyut (Drift/Gill Nets)	27,116	31,507	35,192	32,227	33,449	33,762	31,078	28,725	32,811	33,604	24,054	21,991	365,516	21,757
Pukat2 Tanggok (Lift Nets)	8,688	10,782	13,705	14,219	12,924	16,566	17,054	16,531	16,510	21,508	19,484	8,787	176,758	10,521
Pukat2 Surong (Push Nets)	1,480	1,876	2,194	2,454	1,883	1,701	1,641	1,517	1,331	1,524	1,454	1,273	20,328	1,210
Pukat2 Bakul (Bag Nets)	31,146	31,721	35,447	29,179	28,196	35,228	36,407	32,346	31,593	31,971	29,865	38,558	391,657	23,313
Pukat2 Rentang (Barrier Nets)	809	1,929	1,183	1,103	1,102	1,180	783	806	880	540	698	559	11,572	689
Panching (Lines)	20,279	20,136	17,106	17,389	19,391	18,181	18,730	21,218	30,594	27,747	19,669	13,111	243,551	14,497*
Bubu (Traps)	6,821	6,888	10,721	11,952	13,543	11,854	12,249	11,257	10,450	10,011	7,669	5,346	118,761	7,069
Memungut Siput (Shellfish)	42,430	42,685	42,331	36,833	39,880	40,155	45,510	47,705	50,036	48,759	47,059	49,215	534,598	31,821
Rampaian (Miscellaneous)	1,427	1,401	1,402	2,867	2,561	1,776	1,872	1,501	2,416	1,345	1,147	1,296	21,011	1,251
Pukat2 Tunda (Trawl Nets)	123,534	116,394	123,679	107,601	101,843	105,614	112,961	121,985	113,604	126,814	134,117	135,348	1,423,494	84,732
JUMLAH: Piculs	417,803	412,091	450,884	409,155	411,660	399,692	421,041	425,768	415,955	435,886	386,803	357,433	4,944,171	
(Total) Tons	24,869	24,529	26,836	24,355	24,504	23,791	25,062	25,343	24,759	25,946	23,024	21,276		294,296*

1 ton = 16.8 piculs

* Including 1,718 tons of Oceanic tuna, marlin and others.

PERLIS

Jadual 3-A
(Table 3-A)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	JUMLAH (Total)	
													Piculs	Tons
lat2 Besar (Fishing Stakes Large)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lat2 Kechil (Fishing Stakes Small)	134	38	65	55	27	13	-	-	-	-	70	107	509	30
kat2 Tarek (Seine Nets)	6,705	6,347	5,701	8,907	7,554	9,000	5,577	5,206	6,698	6,392	6,373	4,858	79,318	4,721
ring2 Hanyut (Drift/Gill Nets	88	98	372	420	420	341	341	320	285	267	245	229	3,426	204
kat2 Tanggok (Lift Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
kat2 Surong (Push Nets)	-	-	-	-	-	15	15	12	10	-	-	-	52	3
kat2 Bakul (Bag Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ukat2 Rentang (Barrier Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
anching (Lines)	45	48	65	177	200	197	182	217	149	139	124	110	1,653	99
ubu (Traps)	30	21	21	25	28	41	38	30	18	20	16	20	308	18
emungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ampaian (Miscellaneous)	10	14	20	50	55	60	56	52	40	35	30	32	454	27
ukat2 Tunda (Trawl Nets)	180	148	85	15	10	-	-	-	-	-	210	689	1,337	80
UMLAH: Piculs	7,192	6,714	6,329	9,649	8,294	9,667	6,209	5,837	7,200	6,853	7,068	6,045	87,057	
Total) Tons	428	400	377	574	494	575	370	347	428	408	421	360		5,182

1 ton = 16.8 piculs

KEDAH

Jadual 3-B
(Table 3-B)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stakes Large)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belat2 Kechil (Fishing Stakes Small)	229	213	198	227	130	103	95	102	99	168	215	219	1,998	119
Pukat2 Tarek (Seine Nets)	34,862	41,370	35,053	23,563	19,049	16,640	15,089	13,889	11,349	19,068	27,734	28,697	286,363	17,045
Jaring2 Hanyut (Drift/Gill Nets)	727	620	577	604	591	640	593	535	577	653	655	717	7,489	446
Pukat2 Tanggok (Lift Nets)	101	95	93	52	41	37	34	25	21	39	34	24	596	36
Pukat2 Surong (Push Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Bakul (Bag Nets)	98	70	-	-	-	185	160	190	315	350	420	200	1,988	118
Panching (Lines)	694	932	860	897	926	951	901	824	763	668	601	578	9,595	571
Bubu (Traps)	134	132	120	128	120	114	120	102	100	111	113	97	1,391	83
Memungut Siput (Shellfish)	560	645	526	503	450	310	290	275	196	173	169	152	4,249	253
Rampaian (Miscellaneous)	39	47	49	44	54	66	74	70	73	62	76	63	717	43
Pukat2 Tunda (Trawl Nets)	10,967	11,266	12,438	13,385	11,461	14,219	13,984	15,907	13,198	15,441	14,301	16,416	162,983	9,701
JUMLAH: Piculs	48,411	55,390	49,914	39,403	32,822	33,265	31,340	31,919	26,691	36,733	44,318	47,163	477,369	
(Total) Tons	2,882	3,297	2,971	2,345	1,954	1,980	1,865	1,900	1,589	2,187	2,638	2,807		28,415

1 ton = 16.8 piculs

CYK/rb

PULAU PINANG (PENANG)

Jadual 3-C
(Table 3-C)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stakes Large)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belat2 Kechil (Fishing Stakes Small)	365	267	304	285	273	301	291	261	308	219	252	207	3,333	198
Pukat2 Tarek (Seine Nets)	16,625	15,255	17,546	18,363	18,873	17,274	16,003	16,047	17,144	16,478	15,483	8,871	194,002	11,513
Jaring2 Hanyut (Drift/Gill Nets)	4,966	5,261	5,514	5,285	5,700	5,638	4,683	3,421	3,524	3,714	4,305	4,896	56,987	3,392
Pukat2 Tanggok (Lift Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Surong (Push Nets)	1,134	1,400	1,358	1,283	1,229	1,082	1,005	872	816	908	947	832	12,946	770
Pukat2 Bakul (Bag Nets)	4,839	4,832	4,825	5,001	5,136	5,280	5,532	5,011	5,204	4,638	4,703	4,480	58,983	3,511
Pukat2 Rentang (Barrier Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Panching (Lines)	7,739	6,562	2,584	2,470	3,681	2,605	2,272	5,778	8,328	7,710	5,309	1,989	57,027	*3,395
Bubu (Traps)	2,349	2,511	2,442	2,481	2,659	2,753	2,432	2,180	2,318	2,119	1,814	1,622	27,680	1,648
Memungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rampaian (Miscellaneous)	37	36	34	31	29	30	32	35	37	25	30	24	380	23
Pukat2 Tunda (Trawl Nets)	24,882	16,076	23,533	20,858	20,983	17,910	15,846	17,825	14,672	15,297	19,697	19,863	227,442	13,538
JUMLAH: Piculs	62,936	52,200	58,140	56,057	58,563	52,873	48,096	51,530	52,351	51,188	52,062	42,784	638,780	
(Total) Tons	3,746	3,107	3,461	3,337	3,486	3,147	2,863	3,067	3,116	3,047	3,099	2,547		*38,023

CTK/rb

1 ton = 16.8 piculs

* Including 1,710 tons of Oceanic tuna, marlin and others.

(Table 3-D)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stakes Large)	1,030	905	957	1,168	1,180	1,101	1,190	1,213	1,142	1,082	1,123	1,099	13,190	785
Belat2 Kechil (Fishing Stakes Small)	742	731	695	714	667	658	669	662	321	203	160	126	6,348	378
Pukat2 Tarek (Seine Nets)	62,478	51,076	66,532	56,957	67,854	50,505	55,791	48,361	36,691	31,332	28,298	18,419	574,294	34,184
Jaring2 Hanyut (Drift/Gill Nets)	7,207	7,000	6,461	5,371	5,182	4,624	3,591	3,545	3,149	2,613	2,646	2,591	53,980	3,213
Pukat2 Tanggok (Lift Nets)	14	-	-	-	-	-	-	-	-	-	-	-	14	1
Pukat2 Surong (Push Nets)	220	285	360	370	380	390	350	360	365	370	350	300	4,100	244
Pukat2 Bakul (Bag Nets)	9,356	9,391	9,779	9,057	7,341	6,300	5,926	4,135	3,128	4,188	3,731	3,680	76,012	4,525
Pukat2 Rentang (Barrier Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Panching (Lines)	3,766	2,774	3,815	3,613	3,777	3,436	4,896	4,394	4,585	4,155	3,662	3,282	46,155	2,747
Bubu (Traps)	559	419	453	363	530	539	904	791	986	988	990	991	8,513	507
Memungut Siput (Shellfish)	40,070	40,590	40,470	37,100	38,100	38,170	38,420	39,120	40,410	41,450	42,050	44,800	480,750	28,616
Rampaian (Miscellaneous)	899	867	848	846	858	860	858	875	854	818	774	740	10,097	601
Pukat2 Tunda (Trawl Nets)	34,622	25,673	30,329	30,129	29,515	29,685	35,196	32,058	35,287	40,872	43,204	42,497	409,067	24,349
JUMLAH: Piculs	160,963	139,711	160,699	145,688	155,384	136,268	147,791	135,514	126,918	128,071	126,988	118,525	1,682,520	
(Total) Tons	9,581	8,316	9,566	8,672	9,249	8,111	8,797	8,066	7,555	7,623	7,559	7,055		100,150

1 ton = 16.8 piculs

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stakes Large)	108	194	210	266	241	260	285	258	190	165	135	133	2,445	146
Belat2 Kechil (Fishing Stakes Small)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Tarek (Seine Nets)	20,421	15,969	17,138	15,149	14,515	9,789	14,105	24,998	14,440	15,353	3,360	5,728	170,965	10,177
Jaring2 Hanyut (Drift/Gill Nets)	5,262	5,095	5,711	4,449	4,403	3,925	3,446	3,092	3,047	3,445	3,061	3,159	48,095	2,863
Pukat2 Tanggok (Lift Nets)	40	46	28	34	30	205	241	1,075	125	121	125	82	2,152	128
Pukat2 Surong (Push Nets)	110	180	252	340	180	180	230	210	45	39	30	40	1,836	109
Pukat2 Bakul (Bag Nets)	10,931	10,665	13,380	9,255	9,590	15,136	15,954	14,128	13,858	11,339	11,746	18,306	154,288	9,184
Pukat2 Rentang (Barrier Nets)	347	388	380	342	313	331	306	266	282	271	344	311	3,881	231
Panching (Lines)	1,865	1,661	1,932	2,132	2,001	2,010	1,772	1,771	1,756	1,559	1,765	1,723	21,947	1,306
Bubu (Traps)	35	28	45	44	50	14	93	86	149	82	57	30	713	42
Memungut Siput (Shellfish)	1,800	1,450	1,335	1,230	1,330	1,675	6,800	8,310	9,430	7,136	4,840	4,263	49,599	2,952
Rampaian (Miscellaneous)	285	256	223	206	200	230	278	135	127	90	100	345	2,475	147
Pukat2 Tunda (Trawl Nets)	28,697	34,516	34,929	18,787	18,564	24,333	24,900	27,795	21,676	22,487	22,986	25,125	304,795	18,143
JUMLAH: Piculs	69,901	70,448	75,563	52,234	51,417	58,088	68,410	82,124	65,125	62,087	48,549	59,245	763,191	
(Total) Tons	4,161	4,193	4,498	3,109	3,061	3,458	4,072	4,888	3,876	3,696	2,890	3,526		45,428

1 ton = 16.8 piculs

CH/rb

(Table 3-F)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stakes Large)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belat2 Kechil (Fishing Stakes Small)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Tarek (Seine Nets)	44	39	47	37	36	39	41	36	34	31	37	32	453	27
Jaring2 Hanyut (Drift/Gill Nets)	278	257	277	227	225	259	226	217	215	208	296	245	2,930	174
Pukat2 Tanggok (Lift Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Surong (Push Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Bakul (Bag Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Rentang (Barrier Nets)	41	34	38	31	37	36	30	31	26	28	31	25	388	23
Panching (Lines)	200	184	162	155	159	158	135	133	127	149	172	141	1,875	112
Bubu (Traps)	48	45	40	30	37	43	47	48	53	60	75	54	580	34
Memungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rampaian (Miscellaneous)	30	25	26	30	25	20	21	18	22	25	22	15	279	17
Pukat2 Tarek (Trawl Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUMLAH: Piculs	641	584	590	510	519	555	500	483	477	501	633	512	6,505	
(Total) Tons	38	35	35	30	31	33	30	29	28	30	38	30		387

1 ton = 16.8 piculs

C[illegible]/rb

MELAKA (MALACCA)

Jadual 3-G
(Table 3-G)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	January	February	March	April	May	June	July	August	September	October	November	December	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stake Large)	270	244	292	271	334	350	508	420	403	396	380	363	4,231	252
Belat2 Kechil (Fishing Stake Small)	254	176	236	240	236	272	388	347	291	238	269	263	3,210	191
Pukat2 Tarek (Seine Nets)	43	33	44	53	47	37	31	43	40	45	60	52	528	31
Jaring2 Hanyut (Drift/Gill Net)	1,479	1,580	1,931	1,542	1,744	1,767	1,875	1,576	1,528	1,560	1,661	1,588	19,831	1,180
Pukat2 Tanggok (Lift Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Surong (Push Nets)	16	11	14	10	22	32	24	36	44	94	71	80	454	27
Pukat2 Bakul (Bag Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Rentang (Barrier Nets)	3	7	4	5	6	2	5	3	3	4	11	5	58	4
Panching (Lines)	151	118	162	183	137	106	161	133	116	95	103	97	1,552	92
Bubu (Traps)	3	8	9	10	7	4	6	5	6	4	9	5	76	5
Memungut Siput (Shellfish)	-	-	-	-	-	-		-	-	-	-	-	-	-
Rampaian (Miscellaneous)	7	9	11	9	7	3	4	3	2	1	2	1	59	4
Pukat2 Tunda (Trawl Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUMLAH: Piculs	2,226	2,186	2,703	2,323	2,540	2,573	2,992	2,566	2,433	2,437	2,566	2,454	29,999	
(TOTAL) Tons	133	130	161	138	151	153	178	153	145	145	153	146		1,786

CYK/lly.

[redacted]

Jadual 3-H
(Table 3-H)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	January	February	March	April	May	June	July	August	September	October	November	December	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stake Large)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belat2 Kechil (Fishing Stake Small)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Tarek (Seine Nets)	-	520	1,070	2,270	2,350	2,085	2,185	2,363	1,483	1,761	-	-	16,087	958
Jaring2 Hanyut (Drift/Gill Net)	712	880	918	1,208	1,116	966	1,279	1,212	2,393	1,679	959	294	13,616	810
Pukat2 Tanggok (Lift Nets)	335	350	1,930	4,658	3,682	4,420	4,077	3,853	2,979	3,092	2,063	528	31,967	1,903
Pukat2 Surong (Push Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Bakul (Bag Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Rentang (Barrier Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Panching (Lines)	673	745	692	482	620	622	582	685	717	1,032	961	544	8,355	497
Bubu (Traps)	-	-	2,700	2,800	2,680	2,785	2,916	3,120	2,482	1,922	1,678	78	23,161	1,379
Memungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rampaian (Miscellaneous)	-	-	-	1,185	350	28	-	-	-	-	-	-	1,563	93
Pukat2 Tunda (Trawl Nets)	2,009	2,031	956	1,046	1,014	1,209	1,230	1,428	1,378	1,393	1,892	1,032	16,618	989
JUMLAH: Piculs	3,729	4,526	8,266	13,649	11,812	12,115	12,269	12,661	11,432	10,879	7,553	2,476	111,367	
(TOTAL) Tons	222	269	492	812	703	721	730	754	681	648	450	147		6,629

YK/lly.

TRENGGANU

Jadual 3-I
(Table 3-I)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS-1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	January	February	March	April	May	June	July	August	September	October	November	December	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stake Large)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belat2 Kechil (Fishing Stake Small)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Tarek (Seine Nets)	3,032	6,043	11,354	12,180	11,369	12,279	17,637	15,823	18,299	17,016	3,325	2,043	130,400	7,762
Jaring2 Hanyut (Drift/Gill Net)	607	1,869	4,070	4,090	4,576	5,201	5,283	4,070	6,833	6,658	936	766	44,959	2,676
Pukat2 Tanggok (Lift Nets)	3,912	4,642	5,397	4,687	4,081	6,129	6,292	4,556	5,197	5,188	2,329	1,947	54,357	3,235
Pukat2 Surong (Push Nets)	-	-	210	450	-	-	-	-	-	-	-	-	660	39
Pukat2 Bakul (Bag Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Rentang (Barrier Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pancing (Lines)	2,207	1,981	2,792	3,188	4,566	4,356	3,998	3,795	10,554	8,123	3,100	2,596	51,256	3,051
Bubu (Traps)	3,326	3,376	4,612	5,688	6,876	4,842	4,876	4,083	3,445	3,702	2,394	2,118	49,338	2,937
Kerangut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pelbagai (Miscellaneous)	-	-	10	255	792	270	202	18	1,070	190	17	-	2,824	168
Pukat2 Tunda (Trawl Nets)	2,803	4,456	2,159	2,298	837	821	788	733	643	1,186	2,877	1,810	21,411	1,275
JUMLAH: Piculs	15,887	22,367	30,604	32,836	33,097	33,898	39,076	33,078	46,041	42,063	14,978	11,280	355,205	
(TOTAL) Tons	946	1,331	1,822	1,954	1,970	2,018	2,326	1,969	2,740	2,504	892	671		21,143

* Daily.

PAHANG

Jadual 3-J
(Table 3-J)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970.

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	January	February	March	April	May	June	July	August	September	October	November	December	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stake Large)	63	79	295	599	774	588	433	641	456	563	275	173	4,939	294
Belat2 Kechil (Fishing Stake Small)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Tarek (Seine Nets)	40	-	2,726	1,310	2,406	2,839	2,834	452	1,818	7,854	2,143	-	24,422	1,454
Jaring2 Hanyut (Drift/Gill Net)	564	1,821	1,154	844	1,285	1,735	1,850	1,903	3,254	4,811	2,019	1,054	22,294	1,327
Pukat2 Tanggok (Lift Nets)	1,606	280	1,475	1,433	1,165	2,349	2,499	2,596	3,308	7,962	9,410	1,146	35,229	2,097
Pukat2 Surong (Push Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Bakul (Bag Nets)	-	-	31	31	53	53	11	11	33	19	23	-	265	16
Pukat2 Rentang (Barrier Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Panching (Lines)	1,109	2,227	692	998	526	726	786	774	1,181	1,670	1,724	333	12,746	759
Bubu (Traps)	86	97	50	29	33	102	119	112	174	231	238	67	1,338	79
Memungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rampaian (Miscellaneous)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Tunda (Trawl Nets)	3,858	3,956	2,229	2,326	2,939	2,086	2,734	2,654	2,099	3,147	4,122	5,325	37,475	2,231
JUMLAH: Piculs	7,326	8,460	8,652	7,570	9,181	10,478	11,266	9,143	12,323	26,257	19,954	8,098	138,708	
(TOTAL) Tons	436	504	515	451	546	624	671	544	733	1,563	1,188	482		8,257

TNK/lly.

Jadual 3-K
(Table 3-K)

JOHOR TIMOR(JOHORE EAST)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970

(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	January	February	March	April	May	June	July	August	September	October	November	December	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stake Large)	634	713	1,141	1,226	1,582	1,579	2,127	2,610	2,204	2,099	1,915	1,809	19,639	1,169
Belat2 Kechil (Fishing Stake Small)	201	184	186	185	85	198	265	256	253	311	314	195	2,633	157
Pukat2 Tarek (Seine Nets)	1,588	1,903	2,029	2,070	2,056	1,895	1,930	3,667	7,920	7,119	5,070	4,051	41,298	2,458
Jaring2 Hanyut (Drift/Gill Net)	67	1,176	2,079	2,891	2,393	3,037	2,939	2,644	2,582	2,558	1,987	1,492	25,845	1,538
Pukat2 Tanggok (Lift Nets)	2,680	5,369	4,782	3,355	3,925	3,426	3,911	4,425	4,878	5,104	5,504	4,996	52,355	3,116
Pukat2 Surong (Push Nets)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pukat2 Bakul (Bag Nets)	5,922	6,763	7,432	5,835	6,076	5,974	7,164	7,156	6,920	7,607	6,645	7,352	80,846	4,812
Pukat2 Rentang (Barrier Nets)	107	101	139	145	57	89	124	136	133	113	136	80	1,360	81
Panching (Lines)	1,478	2,276	2,654	2,470	2,277	2,543	2,670	2,291	2,013	2,045	1,645	1,310	25,672	1,528
Bubu (Traps)	-	-	-	166	281	404	517	510	541	550	-	-	2,969	177
Memungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rampaian (Miscellaneous)	90	88	103	100	65	78	219	162	172	82	79	67	1,305	78
Pukat2 Tunda (Trawl Nets)	13,936	15,932	15,356	16,327	13,440	12,101	15,668	20,885	22,441	24,841	21,423	19,566	211,916	12,614
JUMLAH: Piculs	26,703	34,505	35,901	34,770	32,237	31,324	37,534	44,742	50,057	52,429	44,718	40,918	465,838	
(TOTAL) Tons	1,589	2,054	2,137	2,070	1,919	1,864	2,234	2,663	2,980	3,121	2,662	2,435		27,728

Jadual 3-L
(Table 3-L)

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS - 1970.
(Landings of Marine Fish by Month and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	January	February	March	April	May	June	July	August	September	October	November	December	JUMLAH (Total)	
													Piculs	Tons
Belat2 Besar (Fishing Stake Large)	3,572	3,618	3,332	4,370	4,354	4,613	4,274	3,394	3,478	3,399	3,377	3,359	45,140	2,687
Belat2 Kechil (Fishing Stake Small)	138	111	120	178	277	283	285	313	131	209	236	200	2,481	148
Pukat2 Tarek (Seine Nets)	495	744	653	688	619	974	723	715	538	562	1,043	945	8,699	518
Jaring2 Hanyut (Drift/Gill Net)	5,159	5,850	6,128	5,296	5,814	5,629	4,972	6,190	5,424	5,438	5,204	4,960	66,064	3,932
Pukat2 Tanggok (Lift Nets)	-	-	-	-	-	-	-	1	2	2	19	64	88	5
Pukat2 Surong (Push Nets)	-	-	-	1	72	2	17	27	51	33	56	21	280	17
Pukat2 Bakul (Bag Nets)	-	-	-	-	-	2,300	1,660	1,715	2,135	3,830	3,095	4,540	19,275	1,147
Pukat2 Rentang (Barrier Nets)	311	1,399	622	580	689	722	318	370	436	124	176	138	5,885	350
Panching (Lines)	352	628	696	624	521	471	385	423	305	402	503	408	5,718	340
Bubu (Traps)	251	251	229	188	242	213	181	190	178	222	285	264	2,694	160
Memungut Siput (Shellfish)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rompeian (Miscellaneous)	30	59	78	111	126	131	128	133	19	17	17	9	858	51
Pukat2 Tunda (Trawl Nets)	1,580	2,340	1,665	2,430	3,080	3,250	2,615	2,700	2,210	2,150	3,405	3,025	30,450	1,813
JUMLAH: Piculs	11,888	15,000	13,523	14,466	15,794	18,588	15,558	16,171	14,907	16,388	17,416	17,933	187,632	
(JUMLAH) Tons	708	893	805	861	940	1,106	926	963	887	975	1,037	1,067		11,168

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TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS - 1970

(Table 4)

(Landings of Marine Fish by State and Gear Group - 1970)

Kumpulan Perkakas (Gear Group)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor (Johore)		JUMLAH (TOTAL)	
											Timor (East)	Barat (West)	Piculs	Tons
Belat2 Besar (Fishing Stakes Large)	-	-	-	13,190	2,445	-	4,231	-	-	4,939	19,639	45,140	89,584	5,332
Belat2 Kechil (Fishing Stakes Small)	509	1,998	3,333	6,348	-	-	3,210	-	-	-	2,633	2,481	20,512	1,221
Pukat2 Tarek (Seine Nets)	79,318	286,363	194,002	574,294	170,965	453	528	16,087	130,400	24,422	41,298	8,699	1,526,829	90,883
Jaring2 Hanyut (Drift/Gill Nets)	3,426	7,489	56,987	53,980	48,095	2,930	19,831	13,616	44,959	22,294	25,845	66,064	365,516	21,757
Pukat2 Tanggok (Lift Nets)	-	596	-	14	2,152	-	-	31,967	54,357	35,229	52,355	88	176,758	10,521
Pukat2 Surong (Push Nets)	52	-	12,946	4,100	1,836	-	454	-	660	-	-	280	20,328	1,210
Pukat2 Bakul (Bag Nets)	-	1,988	58,983	76,012	154,288	-	-	-	-	265	80,846	19,275	391,657	23,313
Pukat2 Rentang (Barrier Nets)	-	-	-	-	3,881	388	58	-	-	-	1,360	5,885	11,572	689
Panching (Lines)	1,653	9,595	57,027	46,155	21,947	1,875	1,552	8,355	51,256	12,746	25,672	5,718	243,551	14,497*
Bubu (Traps)	308	1,391	27,680	8,513	713	580	76	23,161	49,338	1,338	2,969	2,694	118,761	7,069
Memungut Siput (Shellfish)	-	4,249	-	480,750	49,599	-	-	-	-	-	-	-	534,598	31,821
Rampaian (Miscellaneous)	454	717	380	10,097	2,475	279	59	1,563	2,824	-	1,305	858	21,011	1,251
Pukat2 Tunda (Trawl Nets)	1,337	162,983	227,442	409,067	304,795	-	-	16,618	21,411	37,475	211,916	30,450	1,423,494	84,732
JUMLAH: Piculs	87,057	477,369	638,780	1,682,520	763,191	6,505	29,999	111,367	355,205	138,708	465,838	187,632	4,944,171	
(TOTAL) Tons	5,182	28,415	38,023	100,150	45,428	387	1,786	6,629	21,143	8,257	27,728	11,168		294,296*

* Including 1,718 tons of Oceanic tuna, marlin and others.

1 ton = 16.8 piculs

(Landings of Marine Fish by Month and Type of Fish - 1970)

Types of Fish		January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
Local Name	Scientific Name													Piculs	Tons
Alu2	Sphyraena spp.	425	242	261	587	299	399	467	898	365	423	587	439	5,392	321
Aruan Tasek	Rachycentron canadus	48	57	102	51	271	203	91	200	224	264	96	43	1,650	98
Aya/Tongkol	Euthynnus spp.	5,900	5,250	3,264	3,509	5,033	4,903	4,658	7,580	14,956	12,680	6,800	3,232	77,765	4,629
Bawal	Stromateus spp.	4,020	3,516	4,927	4,472	4,033	4,520	4,173	3,527	3,258	3,086	2,919	3,366	45,817	2,727
Bayan	Labridae	-	-	-	60	375	165	110	80	60	45	20	10	925	55
Belanak/Kedera	Mugilidae	3,397	2,955	3,017	2,587	2,027	2,062	2,092	2,428	2,367	4,577	2,260	2,130	31,899	1,899
Biji Nangka	Upeneus tragula	2,600	1,683	1,036	1,172	775	1,124	2,400	873	535	955	928	916	14,997	893
Bilis	Strolephorus spp.	44,986	40,393	40,510	32,159	42,654	24,187	24,673	32,412	26,780	26,694	31,413	21,624	388,485	23,124
Chermin/Sagai	Caranx gallus	672	474	410	368	500	500	655	692	537	989	633	523	6,953	414
Chincharu	Megalaspis cordyla	15,967	10,091	21,122	12,506	8,963	10,844	11,012	9,350	8,611	10,111	7,340	4,391	130,308	7,756
Daun Bahru	Drepane punctata	40	37	24	62	70	148	87	122	86	65	60	112	913	54
Delah	Caesio erythrogaster	53	60	120	335	295	160	235	255	254	268	110	80	2,225	132
Demudok	Caranx ferdau	92	73	132	122	308	256	286	244	433	275	162	97	2,480	148
Dengkis	Siganidae	103	88	166	186	20	155	167	166	141	123	151	58	1,524	91
Duri	Tachysuridae	6,766	5,640	9,350	7,261	6,645	7,058	8,267	10,548	7,635	12,481	8,290	5,699	95,640	5,693
Gelama	Sciaenidae	7,023	5,711	5,228	5,102	4,967	5,692	6,073	5,343	4,587	3,994	4,946	4,152	62,818	3,739
Gerong2/D. Belang	Caranx speciosus	31	25	-	-	-	2	-	24	6	4	5	-	97	6
Gerut2	Pomadasys hasta	571	575	867	794	706	744	752	881	1,421	1,071	690	604	9,676	576
Jebong	Abalistes stellaris	42	45	190	250	160	90	115	95	115	85	-	10	1,197	71
Jenahak	Lutianus argentimaculatus	675	523	891	842	926	971	830	845	802	721	727	558	9,311	554
Kachi	Plectorhyncus pictus	310	299	445	499	568	486	478	284	255	522	444	255	4,845	288
Kebasi/Selangat	Dorosoma chacunda	921	1,162	911	1,018	775	845	779	880	836	730	754	758	10,369	617
Kembong	Rastrelliger kanagurta	50,785	51,498	57,236	59,976	59,013	50,217	55,359	49,123	42,722	40,805	28,322	25,812	570,868	33,980
Kerapu	Serranidae	2,254	2,108	2,303	2,287	2,301	2,394	2,275	2,628	2,884	3,283	2,509	1,756	29,142	1,735
Kerepoh	Caranx sexfasciatus	-	-	-	-	-	-	-	-	-	120	-	-	120	7
Kerisi	Nemipteridae	2,988	3,931	3,748	3,543	4,034	4,202	4,962	5,325	4,239	5,962	4,476	2,892	50,302	2,994
Kerisi Bali	Pristipomoides microlepis	137	-	310	440	510	290	330	335	270	280	150	95	3,147	187
Kikek	Leiognathidae	1,512	2,605	1,486	1,854	1,033	1,123	1,967	1,623	801	2,116	1,279	955	18,356	1,093
Kurau/Senangin	Polynemus spp.	1,396	1,316	1,437	1,536	1,393	1,151	969	901	804	823	1,113	1,136	13,975	832
Lidah/Sebelah	Soleidae	631	463	542	492	428	603	681	794	795	574	703	620	7,329	436
Malong	Muraenesox cinereus	1,054	1,046	1,012	916	862	1,026	911	954	746	948	786	850	11,111	661
Merakerong	Theraponidae	1,285	698	665	779	746	594	1,166	930	651	737	606	569	9,426	561
C/F SUB-TOTAL		156,684	142,564	161,794	145,765	150,778	127,114	137,020	140,340	126,176	135,811	109,279	83,742	1,619,062	96,371

Types of Fish		January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
Local Name	Scientific Name													Piculs	Tons
B/F		156,684	142,564	161,794	145,765	150,770	127,114	137,020	140,340	128,179	135,811	109,279	83,742	1,619,062	96,371
Merah	Lutianus spp.	7,018	6,201	9,932	10,513	11,334	10,428	10,889	9,749	8,840	7,816	6,515	4,522	103,757	6,176
Parang2	Chirocentrus dorab	5,194	5,760	7,008	5,831	5,687	5,503	5,434	5,628	5,554	5,498	4,939	4,834	66,870	3,980
Pari	Dasyatidae	3,133	2,916	3,034	2,840	2,702	2,721	3,157	3,158	3,131	3,393	3,268	3,468	36,921	2,198
Pelata	Caranx spp.	1,316	752	695	646	830	1,081	774	568	754	621	649	350	9,036	538
Puput	Pellona spp.	516	336	571	281	361	513	797	900	974	806	744	565	7,364	438
Remong/Kunyit	Lutianus spp.	157	130	278	195	150	218	196	154	205	223	160	67	2,133	127
Selar	Caranx spp.	1,261	2,184	2,009	2,136	2,885	3,708	3,784	3,350	5,142	4,110	1,566	941	33,076	1,969
Selar Kuning	Selaroides leptolepis	2,745	3,622	6,736	7,974	6,715	8,810	9,590	9,018	11,383	14,989	13,062	3,712	98,356	5,855
Selar Puchat	Selar megalaspis	-	10	-	16	15	5	10	50	30	27	47	-	210	13
Selayang	Decapterus russellii	5,985	5,817	7,790	8,637	8,690	11,933	14,470	10,999	9,671	8,543	3,749	2,877	99,161	5,902
Semilang	Plotosus spp.	608	996	677	732	775	749	589	570	670	622	659	614	8,261	492
Shrumbu	Lactarius lactarius	539	239	125	254	168	191	186	321	168	188	335	241	2,955	176
Talang	Chorinemus spp.	265	180	127	64	74	75	69	122	59	93	362	49	1,539	92
Tamban	Clupea spp.	10,319	12,117	11,717	13,559	17,170	17,384	15,893	15,236	15,535	19,238	10,228	8,556	166,954	9,938
Tenggiri	Scomberomorus spp.	7,845	11,155	11,136	9,725	9,913	9,416	8,415	7,736	11,547	11,164	8,727	7,994	114,775	6,832
Terubok	Clupea macrura	-	15	-	-	-	-	-	-	27	6	60	113	221	13
Timah/Selayor	Trichiurus spp.	1,570	809	825	946	932	1,029	1,484	1,984	1,152	1,188	1,266	768	13,953	831
Yu	Galeorhinidae	2,146	1,966	1,959	2,249	2,162	2,151	2,325	1,834	1,772	1,698	1,199	1,161	22,621	1,346
Ikan Baja	(Manure fish)	79,172	82,062	85,508	70,435	70,440	71,220	74,026	79,704	74,595	81,752	80,641	84,790	934,345	55,616
Ikan Champor	(Mixed fish)	18,678	16,959	16,929	15,047	15,940	16,182	15,820	15,642	16,621	16,569	17,461	14,334	196,182	11,677
Udang	Crustacea	54,383	55,346	59,467	51,093	47,539	54,713	56,906	58,108	55,666	56,830	62,112	70,985	683,148	40,664
Udang Baring	Crustacea	8,306	9,961	11,448	10,522	8,273	7,726	7,057	5,006	4,818	7,939	6,439	7,358	94,853	5,646
Udang Galah	Crustacea	60	67	53	48	54	47	40	69	87	61	89	74	749	45
Ketam	Crustacea	3,092	2,733	2,897	2,702	2,543	2,532	2,572	3,681	3,471	3,651	2,574	2,577	35,025	2,085
Sotong	Mollusc	4,182	4,310	5,838	8,112	5,579	4,086	4,029	4,077	5,829	4,076	3,594	3,524	57,236	3,407
Kerang	Mollusc	41,500	41,650	41,385	37,830	38,830	39,225	44,820	47,010	49,230	47,736	45,990	48,263	523,469	31,159
Siput	Mollusc	930	1,035	946	1,003	1,050	930	690	695	806	1,023	1,069	952	11,129	662
Marlin	Makaira spp.	199	199	-	-	79	-	-	59	39	215	20	-	810	48
TOTAL - Piculs		417,803	412,091	450,884	409,155	411,660	399,692	421,041	425,768	415,955	435,886	386,803	357,433	4,944,171	
TOTAL - Tons		24,869	24,529	26,838	24,355	24,504	23,791	25,062	25,343	24,759	25,946	23,024	21,276		294,296

1 ton - 16.8 piculs

* Including 22,704 piculs (1,352 tons) tuna, 810 piculs (48 tons) Marlin and 5,342 piculs (318 tons) ikan champor landed by Oceanic Fisheries.

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(Table 6)

TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN JENIS IKAN - 1970

(Landings of Marine Fish by State and by type of Fish - 1970)

Types of Fish		Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore-East	Johore-West	TOTAL	
Local Name	Scientific Name													Piculs	Tons
Alu2/Kachang	Sphyraena spp	-	498	1,858	1,029	90	-	-	20	1,644	87	137	29	5,392	321
Aruan Tasek	Rachycentron canadus	-	-	-	-	-	-	58	301	1,116	175	-	-	1,650	98
Aya/Tongkol	Euthynnus spp.	5,489	6,566	24,822	4,308	-	-	-	2,065	23,365	1,945	9,205	-	77,765	4,629
Bawal	Stromateus spp.	1,451	2,791	9,560	8,884	9,208	39	820	3,373	1,342	158	451	7,740	45,817	2,727
Bayan	Labridae	-	-	-	-	-	-	-	-	925	-	-	-	925	55
Belanak/Kedera?	Mugilidae	-	22	12,038	8,871	9,201	-	8	-	7	357	708	687	31,899	1,899
Biji Nangka	Upeneus tragula	-	3,996	40	6,989	-	-	-	1,022	2,229	300	421	-	14,997	893
Bilis	Stolephorus spp.	-	104,735	41,958	152,387	64,902	-	-	-	18,957	2,357	1,887	1,302	388,485	23,124
Chermin	Caranx gallus	-	1,849	7	1,826	-	-	-	336	1,326	37	1,572	-	6,953	414
Chincharu	Megalaspis cordyla	5,417	13,039	24,630	38,934	24,723	1,218	256	1,808	11,305	891	2,822	5,265	130,308	7,756
Daun Bahru	Drepane punctata	-	509	-	343	-	-	-	-	21	40	-	-	913	54
Delah	Caesio erythrogaster	-	-	-	-	-	-	-	-	1,918	-	307	-	2,225	132
Demudok	Caranx ferdau	-	-	-	-	-	-	-	19	1,836	480	145	-	2,480	148
Dengkis	Siganidae	-	-	-	-	-	-	-	-	-	639	698	187	1,524	91
Duri	Tachysuridae	1,085	5,191	20,274	16,381	14,619	40	595	892	12,619	14,129	4,194	5,621	95,640	5,693
Gelama	Sciaenidae	68	6,395	11,854	12,205	5,260	-	1,248	1,537	2,902	2,597	10,678	8,074	62,818	3,739
Gerong2	Caranx speciosus	-	-	-	-	-	-	-	-	88	9	-	-	97	6
Gerut2	Pomadasys hasta	872	3,158	3,942	-	681	-	-	-	589	56	-	378	9,676	576
Jebong	Abalistes stellaris	-	-	-	-	-	-	-	-	1,197	-	-	-	1,197	71
Jenahak	Lutianus argentimaculatus	454	817	2,678	1,038	790	354	116	2,234	-	18	226	586	9,311	554
Kachi	Plectorhyncus pictus	-	-	-	-	-	-	-	642	3,510	285	408	-	4,845	288
Kebasi/Selangat	Porosoma chacunda	-	3,448	1,647	1,430	1,399	-	337	-	-	14	258	1,836	10,369	617
Kembong F	Rastrelliger kanagurta	35,060	139,418	32,157	208,812	65,791	35	117	12,216	36,579	9,213	31,470	-	570,868	33,980
Kerapu	Serranidae	219	2,218	2,891	8,132	383	77	170	2,582	6,979	737	3,869	885	29,142	1,735
Kerepoh	Caranx sexfasciatus	-	-	-	-	-	-	-	-	-	-	120	-	120	7
Kerisi	Nempiteridae	-	3,191	7,592	6,851	159	-	-	5,415	9,297	5,421	12,360	16	50,302	2,994
Kerisi Bali	Pristipomoides microlepis	-	-	-	-	-	-	-	-	3,147	-	-	-	3,147	187
Kikek	Lefognathidae	-	1,127	1,318	-	-	-	-	1,212	5,984	411	8,075	229	18,356	1,093
Kurau/Senangin	Polynemus spp.	30	648	3,343	4,160	2,978	47	592	-	75	60	-	2,042	13,975	832
Lidah/Sebelah	Soleidae	-	3,038	15	2,104	1,951	-	-	82	130	7	-	2	7,329	436
Malong	Muraenesox cinereus	-	1,558	14	1,816	5,697	-	141	-	-	-	-	1,885	11,111	661
Mengkerong	Theraponidae	-	5,100	-	3,653	-	-	-	-	-	673	-	-	9,426	561
C/F. SUB - TOTAL		50,145	309,312	202,638	490,153	207,832	1,810	4,458	35,756	149,087	41,096	90,011	36,764	1,619,062	96,371

Types of Fish		Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore East	Johore West	TOTAL	
Local Name	Scientific Name													Piculs	Tons
B/F.		50,145	309,312	202,638	490,153	207,832	1,810	4,458	35,756	149,087	41,096	90,011	36,764	1,619,062	96,371
Merah	Lutianus spp.	183	2,258	30,204	16,576	1,665	775	74	17,156	27,823	1,021	4,184	1,938	103,757	6,176
Parang2?	Chirocentrus dorab	772	2,959	9,495	7,026	10,565	962	8,226	1,545	2,707	1,927	5,699	14,987	66,870	3,980
Pari	Dasyatidae	242	5,114	6,927	9,824	6,382	28	133	18	243	1,253	3,661	3,096	36,921	2,198
Pelata	Caranx spp.	460	535	5,852	1,203	-	-	-	336	185	-	-	465	9,036	538
Puput	Pellona spp.	-	2,957	62	1,316	-	-	97	-	30	-	-	2,502	7,364	438
Remong/Kunyit?	Lutianus spp.	-	-	-	-	-	-	-	-	2,118	15	-	-	2,133	127
Selar	Caranx spp.	1,447	-	3,611	338	1,655	-	66	894	14,575	1,892	8,433	121	33,076	1,969
S.Kuning/Lolong	Selaroides Leptolepis	-	-	-	-	-	-	-	15,688	30,510	31,072	20,753	333	98,356	5,855
S.Puchat	Selar megalaspis	-	-	-	-	-	-	-	120	90	-	-	-	210	13
Selayang	Decapterus russellii	16,920	445	24,584	5,343	13,392	-	157	838	26,829	2,195	8,458	-	99,161	5,902
Semilang	Plotosus spp.	139	55	-	5,272	456	39	36	-	-	-	754	1,470	8,261	492
Shrumbu	Lactarius Lactarius	-	2,121	260	531	-	-	-	-	43	-	-	-	2,955	176
Talang	Chorinemus spp.	528	-	-	-	15	17	344	-	240	164	-	231	1,539	92
Tamban	Clupea spp.	9,240	23,674	3,530	10,191	5,456	-	-	16,441	46,803	10,682	35,110	5,787	166,954	9,939
Tenggiri	Scomberomorus s	716	3,249	15,653	6,858	12,393	1,129	7,770	5,464	23,521	8,505	17,658	11,853	114,775	6,832
Terubok	Clupea macrura	-	15	42	149	15	-	-	-	-	-	-	-	221	13
Timah/Selayor?	Trichiurus spp.	-	2,682	26	7,480	738	-	54	2,284	497	4	-	188	13,953	831
Yu	Galeorhinidae	69	3,946	2,464	2,866	3,763	26	145	387	2,930	1,550	3,712	763	22,621	1,346
Ikan Baja	(Manure Fish)	986	81,895	166,696	241,900	178,391	-	4,091	3,089	6,010	19,902	178,212	53,173	934,345	55,616
Ikan Champor	(Mixed Fish)	2,910	11,462	48,266	40,977	20,180	949	1,224	773	10,271	8,847	31,411	18,912	196,182	11,677
Udang	Crustacea	1,636	11,134	80,321	287,770	230,810	343	2,786	6,978	3,432	7,207	34,796	15,935	683,148	40,664
Udang Baring	Crustacea	-	-	23,876	35,621	13,386	-	290	1,880	3,847	-	-	15,953	94,853	5,646
Udang Galah	Crustacea	-	-	-	-	-	130	42	-	-	-	71	506	749	45
Ketam	Crustacea	654	2,975	5,103	12,388	4,987	297	-	-	-	30	7,246	1,345	35,025	2,085
Sotong	Mollusc	10	6,332	8,360	17,988	1,427	-	-	1,720	3,414	1,346	15,729	910	57,236	3,407
Kerang	Mollusc	-	-	-	473,870	49,599	-	-	-	-	-	-	-	523,469	31,159
Siput	Mollusc	-	4,249	-	6,880	-	-	-	-	-	-	-	-	11,129	662
Marlin	Makaira spp.	-	-	810	-	-	-	-	-	-	-	-	-	810	48
TOTAL - Piculs		87,057	477,369	638,780*	1,682,520	763,191	6,505	29,999	111,367	355,205	138,708	465,838	187,632	4,944,171*	
Tons		5,182	28,415	38,023	100,150	45,428	387	1,786	6,629	21,143	8,257	27,728	11,168		294,296

1 ton = 16.8 piculs.

* Including 22,704 piculs (1,352 tons) tuna, 810 piculs (48 tons) Marlin and 5,342 piculs (318 tons) ikan champor landed by Oceanic Fisheries.

TANGKAPAN IKAN LAUT MENURUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Table 7)

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Types of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Drift/ Gill Nets	Lift Nets	Push Nets	Bag Nets	Barrier Nets	Lines	Traps	Shellfish	Miscellaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2/Kachang	Sphyraena spp.	79	85	720	1,387	-	-	-	90	83	370	-	-	2,578	5,392	321
Aruan Tasek	Rachycentron canadus	-	-	-	247	-	-	-	-	217	1,010	-	-	176	1,650	98
Aya/Tongkol	Euthynnus spp.	-	-	18,783	16,373	124	-	-	-	42,484	-	-	-	[illegible]	77,765	4,629
Bawal	Stromateus spp.	919	153	1,956	29,119	5,637	-	-	-	-	-	-	-	8,033	45,817	2,727
Bayan	Labridae	-	-	-	-	-	-	-	-	125	800	-	-	-	925	55
Belanak/Kedera	Mugilidae	207	686	16,662	12,105	79	5	11	455	24	-	-	125	1,540	31,899	1,899
Biji Nangka	Upeneus tragula	15	-	234	-	-	-	-	-	-	-	-	-	14,748	14,997	893
Bilis	Stolephorus spp.	13,245	-	374,867	130	-	-	-	-	-	-	-	-	243	388,485	23,124
Chermin	Caranx gallus	5	-	110	158	-	-	-	-	1,781	508	-	-	4,391	6,953	414
Chincharu	Megalaspis cordyla	114	121	91,238	24,967	2,892	-	-	84	9,934	-	-	-	958	130,308	7,756
Daun Bahru	Drepane punctata	-	-	-	20	-	-	-	-	-	-	-	-	893	913	54
Delah	Caesio erythrogaster	-	-	-	-	-	-	-	-	-	2,130	-	-	95	2,225	132
Demudok	Caranx ferdau	-	-	22	8	-	-	-	-	555	1,619	-	-	276	2,480	148
Dengkis	Siganidae	185	509	30	-	-	-	-	139	-	22	-	-	639	1,524	91
Duri	Tachysuridae	60	202	21,970	16,526	970	-	134	742	34,790	161	-	-	20,085	95,640	5,693
Gelama	Sciaenidae	852	880	6,374	3,554	-	-	300	787	2,616	310	-	-	47,145	62,818	3,739
Gerong2/D. Belang	Caranx speciosus	-	-	-	3	24	-	-	-	4	62	-	-	4	97	6
Gerut2	*Pomadasys hasta*	-	-	1,827	233	-	-	-	12	3,238	1,605	-	-	2,761	9,676	576
Jebong	Abalistes stellaris	-	-	-	-	-	-	-	-	-	1,197	-	-	-	1,197	71
Jenahak	Lutianus argentimaculatus	34	-	141	3	-	-	-	-	4,043	4,072	-	-	1,018	9,311	554
Kachi	Plectorhyncus pictus	-	-	-	26	-	-	-	-	103	4,591	-	-	125	4,845	288
Kebasi/Selangat	Dorosoma chacunda	537	112	840	3,691	-	-	51	44	63	35	-	-	4,996	10,369	617
Kembong	Rastrelliger kanagurta	-	191	515,672	24,571	26,008	-	-	-	47	-	-	-	[illegible]	570,868	33,980
Kerapu	Serranidae	-	-	-	30	-	-	-	11	12,335	13,595	-	-	3,171	29,142	1,735
Kerepoh	Caranx sexfasciatus	-	-	-	-	-	-	-	-	-	120	-	-	-	120	7
Kerisi	Nemipteridae	-	29	300	36	-	-	-	-	21,524	6,415	-	-	21,998	50,302	2,994
Kerisi Bali	Pristipomoides microlepis	-	-	-	-	-	-	-	-	17	3,130	-	-	-	3,147	187
Kikek	Leiognathidae	1,025	554	1,289	359	-	-	-	-	-	-	-	-	15,129	18,356	1,093
Kurau/Senangin	Polynemus spp.	145	65	735	11,235	-	-	-	77	922	-	-	-	[illegible]796	13,975	832
Lidah/Sabelah	Soleidae	-	2	-	-	-	-	-	-	-	-	-	-	7,327	7,329	436
Melong	*Muraenesox cinereus*	85	-	-	422	-	-	-	18	5,110	1	-	-	5,475	11,111	661
C/F SUB-TOTAL		17,507	3,589	1,053,770	145,203	35,734	5	496	2,459	140,015	41,753	-	125	168,980	1,609,636	95,810

Types of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Drift/ Gill Nets	Lift Nets	Push Nets	Bag Nets	Barrier Nets	Lines	Traps	Shellfish	Miscellaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
D/F		17,507	3,589	1,053,770	145,203	35,734	5	496	2,459	140,015	41,753	-	125	168,980	1,609,636	95,810
Mengkerong	Theraponidae	-	-	-	-	-	-	-	-	-	-	-	-	9,426	9,426	561
Merah	Lutianus spp.	-	219	-	114	-	-	-	97	26,342	72,983	-	-	4,002	103,757	6,176
Parang2	Chirocentrus dorab	1,299	23	123	57,087	-	-	-	-	1,113	-	-	-	7,225	66,870	3,980
Pari	Dasyatidae	5	301	1,349	4,124	-	-	-	269	16,302	185	-	-	14,386	36,921	2,198
Pelata	Caranx spp.	716	394	6,537	203	378	-	-	-	-	-	-	-	808	9,036	538
Puput	Pellona spp.	332	-	200	2,312	-	-	-	-	-	-	-	-	4,520	7,364	438
Remong	Lutianus spp.	-	-	-	2	-	-	-	-	3	2,023	-	-	105	2,133	127
Selar	Caranx spp.	1,215	-	13,720	7,019	4,898	-	-	-	5,587	-	-	-	637	33,076	1,969
S.Kuning/Lolong	Selaroides leptolepis	1,491	38	19,309	564	69,855	-	-	-	196	-	-	-	6,903	98,356	5,855
S. Puchat	Selar megalaspis	-	-	-	-	90	-	-	-	120	-	-	-	-	210	13
Selayang	Decapterus russellii	25	-	67,872	284	29,426	-	-	-	9	-	-	-	1,545	99,161	5,902
Semilang	Plotosus spp.	-	648	321	47	-	2	-	1,046	5,945	87	-	-	165	8,261	492
Shrumbu/Lelemah	Lactarius lactarius	-	67	43	-	-	-	-	-	-	-	-	-	2,845	2,955	176
Talang	Chorinemus spp.	-	-	564	936	-	-	-	-	37	-	-	-	2	1,539	92
Tamban	Clupea spp.	13,422	136	111,396	3,716	34,145	-	-	34	-	-	-	-	4,103	166,954	9,938
Tenggiri	Scomberomorus spp.	225	10	316	88,810	15	-	-	-	29,249	-	-	-	4,156	114,775	6,832
Terubok	Clupea macrura	15	-	-	180	-	-	-	-	-	-	-	-	26	221	13
Timah/Selayor	Trichiurus spp.	212	74	1,839	1,353	-	-	-	-	80	44	-	-	10,351	13,953	831
Yu	Galeorhinidae	-	154	3	8,287	65	-	-	-	6,213	85	-	-	7,814	22,621	1,346
Ikan Baja	(Manure fish)	40,945	6,946	129,148	606	776	-	160,442	2,881	52	-	-	-	592,549	934,345	55,616
Ikan Campor	(Mixed fish)	6,492	3,067	26,236	25,009	1,376	2	9,125	1,832	11,224	1,580	-	539	109,700	196,182	11,677
Udang	Crustacea	3,766	3,317	75,226	23,471	-	473	162,125	1,816	3	-	-	1,242	411,709	683,148	40,664
Udang Baring	Crustacea	67	1,048	14,691	-	-	19,846	59,201	-	-	-	-	-	-	94,853	5,646
Udang Galah	Crustacea	-	-	-	-	-	-	-	712	-	14	-	23	-	749	45
Ketam	Crustacea	7	412	3,629	4,188	-	-	173	426	-	7	-	14,402	11,701	35,025	2,085
Sotong	Mollusc	1,843	67	543	1	-	-	95	-	251	-	-	4,680	49,756	57,236	3,407
Kerong	Mollusc	-	-	-	-	-	-	-	-	-	-	523,469	-	-	523,469	31,159
Siput	Mollusc	-	-	-	-	-	-	-	-	-	-	11,129	-	-	11,129	662
Marlin	Makaira spp.	-	-	-	-	-	-	-	-	810	-	-	-	-	810	48
TOTAL	Piculs	89,584	20,512	1,526,929	365,516	176,758	20,328	391,657	11,572	243,551*	118,761	534,598	21,011	1,423,494	4,944,171*	
	Tons	5,332	1,221	90,883	21,757	10,521	1,210	23,313	689	14,497	7,069	31,821	1,251	84,732		294,296

1 ton = 16.8 piculs

* Including 22,704 piculs (1,352 tons) tuna, 810 piculs (48 tons) Marlin and 5,342 piculs (318 tons) ikan campor landed by Oceanic Fisheries.

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscelle-neous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Aya/Tongkol	Euthynnus spp.	-	-	5,489	-	-	-	-	-	-	-	-	-	-	5,489	327
Bawal	Stromateus spp.	-	2	685	764	-	-	-	-	-	-	-	-	-	1,451	86
Chincharu	Megalaspis cordyla	-	34	5,383	-	-	-	-	-	-	-	-	-	-	5,417	323
Duri	Tachysuridae	-	13	752	125	-	-	-	-	195	-	-	-	-	1,085	65
Gelama	Sciaenidae	-	2	-	6	-	-	-	-	60	-	-	-	-	68	4
Gerut?	Pomadasys hasta	-	-	485	1	-	-	-	-	326	60	-	-	-	872	52
Jenahak	Lutianus argentimaculatus	-	-	-	-	-	-	-	-	374	80	-	-	-	454	27
Kembong	Rastrelliger kanagurta	-	2	35,032	-	-	-	-	-	-	-	-	-	-	35,060	2,087
Kerapu	Serranidae	-	-	-	-	-	-	-	-	147	72	-	-	-	219	13
Kurau/Senangin	Polynemus spp.	-	-	-	-	-	-	-	-	30	-	-	-	-	30	2
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	139	44	-	-	-	183	11
Parang2	Chirocentrus dorab	-	7	-	758	-	-	-	-	7	-	-	-	-	772	46
Pari	Dasyatidae	-	-	-	15	-	-	-	-	227	-	-	-	-	242	14
Pelata	Caranx spp.	-	-	460	-	-	-	-	-	-	-	-	-	-	460	27
Selar	Caranx spp.	-	-	1,447	-	-	-	-	-	-	-	-	-	-	1,447	86
Selayang	Decapterus russellii	-	-	16,920	-	-	-	-	-	-	-	-	-	-	16,920	1,007
Semilang	Plotosus spp.	-	-	-	25	-	-	-	-	91	23	-	-	-	139	8
Talang	Chorinemus spp.	-	-	520	-	-	-	-	-	-	-	-	-	-	528	31
Tamban	Clupea spp.	-	31	9,209	-	-	-	-	-	-	-	-	-	-	9,240	550
Tenggiri	Scomberomorus	-	-	150	559	-	-	-	-	7	-	-	-	-	716	43
Yu	Galeorhinidae	-	-	-	19	-	-	-	-	50	-	-	-	-	69	4
Ikan Baja	(Manure Fish)	-	348	185	-	-	-	-	-	-	-	-	-	453	986	59
Ikan Campur	(Mixed fish)	-	34	2,293	424	-	-	-	-	-	29	-	-	130	2,910	173
Udang	Crustacea	-	-	190	640	-	52	-	-	-	-	-	-	754	1,636	97
Ketam	Crustacea	-	-	110	90	-	-	-	-	-	-	-	454		654	39
Sotong	Mollusc	-	10	-	-	-	-	-	-	-	-	-	-	-	10	1
TOTAL - Piculs		-	509	79,318	3,426	-	52	-	-	1,653	308	-	454	1,337	87,057	
- Tons		-	30	4,721	204	-	3	-	-	99	18	-	27	80		5,182

1 ton = 16.8 piculs

CY /lly.

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscell-aneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu-Alu	Sphyraena spp.	-	-	-	-	-	-	-	-	-	-	-	-	498	498	30
Aya/Tongkol/ Ambu2	Euthynnus spp.	-	-	6,566	-	-	-	-	-	-	-	-	-	-	6,566	391
Bawal	Stromateus spp.	-	24	-	570	530	-	-	-	-	-	-	-	1,667	2,791	166
Belanak/Kedera/ Loban	Mugilidae	-	-	-	22	-	-	-	-	-	-	-	-	-	22	1
Biji Nangka	Upeneus tragula	-	-	-	-	-	-	-	-	-	-	-	-	3,996	3,996	238
Bilis	Stolephorus spp.	-	-	104,735	-	-	-	-	-	-	-	-	-	-	104,735	6,234
Chermin/Rambai	Caranx gallus	-	-	-	-	-	-	-	-	-	89	-	-	1,760	1,849	110
Chincharu	Megalasois cordyla	-	87	12,410	393	-	-	-	-	149	-	-	-	-	13,039	776
Daun Baru	Drepane punctata	-	-	-	-	-	-	-	-	-	-	-	-	509	509	30
Duri/Pelotan	Tachysuridae	-	40	160	474	-	-	-	-	675	151	-	-	3,691	5,191	309
Gelama	Sciaenidae	-	50	-	-	-	-	-	-	650	-	-	-	5,695	6,395	381
Gerut2	Pomadasys	-	-	932	-	-	-	-	-	952	237	-	-	1,037	3,158	188
Jenahak	Lutianus	-	-	-	-	-	-	-	-	540	90	-	-	187	817	49
Kebasi/Selangat	Dorosoma chacunda	-	-	-	-	-	-	-	-	-	-	-	-	3,448	3,448	205
Kembong	Rastrelliger kanagurta	-	163	136,251	-	-	-	-	-	-	-	-	-	3,004	139,418	8,299
Kerapu	Serranidae	-	-	-	-	-	-	-	-	619	145	-	-	1,454	2,218	132
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	287	-	-	-	2,904	3,191	190
Kikek	Leiognathidae	-	51	3	10	-	-	-	-	-	-	-	-	1,063	1,127	67
Kurau	Polynemus spp.	-	-	-	384	-	-	-	-	87	-	-	-	177	648	39
Lidah/Sebelah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	3,038	3,038	181
Malong	Muraenesox cinereus	-	-	-	68	-	-	-	-	19	-	-	-	1,471	1,558	93
Mengkerong	Theraponidae	-	-	-	-	-	-	-	-	-	-	-	-	5,100	5,100	304
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	598	314	-	-	1,346	2,258	134
Parang2	Chirocentrus	-	13	-	1,181	-	-	-	-	29	-	-	-	1,736	2,959	176
Pari	Dasyatidae	-	16	-	27	-	-	-	-	2,067	-	-	-	3,004	5,114	304
Pelata	Caranx spp.	-	53	120	-	-	-	-	-	-	-	-	-	362	535	32
Puput/Beliat Mata	Pellona spp.	-	-	200	-	-	-	-	-	-	-	-	-	2,757	2,957	176
Selayang	Decapterus russellii	-	-	445	-	-	-	-	-	-	-	-	-	-	445	26
Senilang	Plotosus spp.	-	-	-	-	-	-	-	-	55	-	-	-	-	55	3
Shrumbu	Lactarius lactarius	-	87	-	-	-	-	-	-	-	-	-	-	2,054	2,121	126
C/F. Sub-Total:-		-	564	261,022	3,129	530	-	-	-	6,727	1,026	-	-	51,950	325,756	19,390

TANGKAPAN IKAN LAUT MENURUT KUMPULAN PENGARAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscella-neous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2	Sphyraena spp.	-	-	103	1,065	-	-	-	-	-	-	-	-	690	1,858	111
Aya/Tongkol	Euthynnus spp.	-	-	2,118	-	-	-	-	-	22,704	-	-	-	-	24,822	1,478
Bawal	Stromateus spp.	-	-	461	6,080	-	-	-	-	-	-	-	-	3,019	9,560	569
Belanak/Kedera	Mugillidae	-	-	5,728	6,276	-	-	-	-	-	-	-	-	34	12,038	717
Biji Nangka	Upeneus tragula	-	-	-	-	-	-	-	-	-	-	-	-	40	40	2
Bilis	Stolephorus spp.	-	-	41,958	-	-	-	-	-	-	-	-	-	-	41,958	2,498
Chermin	Caranx gallus	-	-	-	-	-	-	-	-	-	-	-	-	7	7	*
Chincharu	Megalasois cordyla	-	-	22,070	2,276	-	-	-	-	-	-	-	-	284	24,630	1,466
Duri	Tachysuridae	-	-	322	7,058	-	-	127	-	8,967	-	-	-	3,800	20,274	1,207
Gelama	Sciaenidae	-	399	2,436	302	-	-	300	-	469	-	-	-	7,948	11,854	706
Gerut2	Pomadasys hasta	-	-	410	222	-	-	-	-	1,223	948	-	-	1,139	3,942	235
Jenahak	Lutianus	-	-	141	-	-	-	-	-	1,320	813	-	-	404	2,678	159
Kebasi/Selangat	Dorosoma chacunda	-	-	830	545	-	-	51	-	-	-	-	-	221	1,647	98
Kembong	Rastrelliger kanagurta	-	-	31,353	6	-	-	-	-	-	-	-	-	798	32,157	1,914
Kerapu	Serranidae	-	-	-	-	-	-	-	-	1,254	1,378	-	-	259	2,891	172
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	3,286	2,299	-	-	2,007	7,592	452
Kikek	Leiognathidae	-	441	197	-	-	-	-	-	-	-	-	-	680	1,318	78
Kurau/Senangin/ Senohong	Polynemus spp.	-	-	156	3,100	-	-	-	-	87	-	-	-	-	3,343	199
Lidah/Sebelah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	15	15	1
Malong	Muraenesox cinereus	-	-	-	-	-	-	-	-	-	-	-	-	14	14	1
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	7,096	22,062	-	-	1,046	30,204	1,798
Parang2	Chirocentrus dorab	-	-	-	8,459	-	-	-	-	-	-	-	-	1,036	9,495	565
Pari	Dasyatidae	-	-	831	472	-	-	-	-	3,513	180	-	-	1,931	6,927	412
Selata	Caranx spp.	-	296	5,254	-	-	-	-	-	-	-	-	-	302	5,852	348
Tulut/Beliat Mata	Pellona spp.	-	-	-	-	-	-	-	-	-	-	-	-	62	62	4
Selar	Caranx spp.	-	-	3,611	-	-	-	-	-	-	-	-	-	-	3,611	215
Selayang/Churut	Decapterus russellii	-	-	24,578	-	-	-	-	-	6	-	-	-	-	24,584	1,463
Serumbu	Lactarius Lactarius	-	-	-	-	-	-	-	-	-	-	-	-	260	260	15
C/F. Sub-Total:-		-	1,136	142,557	35,861	-	-	478	-	49,925	27,680	-	-	25,996	283,633	16,883

* Less than a ton.

Jadual 8-C Samb.
(Table 8-C Cont.)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscella-neous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
B/F.		-	1,136	142,557	35,861	-	-	478	-	49,925	27,680	-	-	25,996	283,633	16,883
Tamban	Clupea spp.	-	-	2,285	1	-	-	-	-	-	-	-	-	1,244	3,530	210
Tenggiri	Scomberomorus spp.	-	-	3	15,247	-	-	-	-	-	-	-	-	403	15,653	932
Terubok	Clupea macrura	-	-	-	42	-	-	-	-	-	-	-	-	-	42	2
Timah/Selayor	Trichiurus spp.	-	-	-	-	-	-	-	-	-	-	-	-	26	26	2
Yu	Galeorhinidae	-	-	-	1,457	-	-	-	-	283	-	-	-	724	2,464	147
Ikan Baja	(Manure fish)	-	1,810	21,748	128	-	-	22,371	-	-	-	-	-	120,639	166,696	9,922
Ikan Campor	(Mixed fish)	-	387	3,554	1,873	-	-	2,606	-	6,009	-	-	-	33,837	48,266	2,873
Udang	Crustacea	-	-	21,846	821	-	-	22,597	-	-	-	-	-	35,057	80,321	4,781
Udang Baring	Crustacea	-	-	4	-	-	12,946	10,926	-	-	-	-	-	-	23,876	1,421
Ketam	Crustacea	-	-	2,005	1,557	-	-	-	-	-	-	-	380	1,161	5,103	304
Sotong	Mollusc	-	-	-	-	-	-	5	-	-	-	-	-	8,355	8,360	498
Marlin	Makaira spp.	-	-	-	-	-	-	-	-	810	-	-	-	-	810	48
TOTAL:-	Piculs	-	3,333	194,002	56,987	-	12,946	58,983	-	57,027 **	27,680	-	380	227,442	638,780 **	
	Tons	-	198	11,548	3,392	-	771	3,511	-	3,394	1,648	-	23	13,538		38,023

CYK/lly.

1 ton = 16.8 piculs.

** including 22,704 piculs (1,352 tons) of tuna, 810 piculs (48 tons) Marlin and 5,342 piculs (318 tons) Others (ikan champor) landed by Oceanic Fisheries.

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscella-neous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu-Alu	Sphyraena spp.	-	-	117	-	-	-	-	-	-	-	-	-	912	1,029	61
Aya/Tongkol	Euthynnus spp.	-	-	2,565	1,743	-	-	-	-	-	-	-	-	-	4,308	256
Bawal	Stromateus spp.	62	9	85	6,673	14	-	-	-	-	-	-	-	2,041	8,884	529
Belanak/Kedera	Mugilidae	-	-	7,954	917	-	-	-	-	-	-	-	-	-	8,871	528
Biji Nangka	Upeneus tragula	-	-	-	-	-	-	-	-	-	-	-	-	6,989	6,989	416
Bilis	Stolephorus spp.	9,756	-	142,631	-	-	-	-	-	-	-	-	-	-	152,387	9,071
Chermin	Caranx gallus	-	-	73	-	-	-	-	-	30	-	-	-	1,723	1,826	109
Chincharu	Megalaspis cordyla	-	-	35,058	3,580	-	-	-	-	-	-	-	-	296	38,934	2,317
Daun Baru	Drepane punctata	-	-	-	20	-	-	-	-	-	-	-	-	323	343	20
Duri	Tachysuridae	-	-	140	2,008	-	-	-	-	12,731	-	-	-	1,502	16,381	975
Gelama	Sciaenidae	-	-	507	213	-	-	-	-	410	-	-	-	11,075	12,205	726
Jenahak	Lutianus	-	-	-	-	-	-	-	-	398	640	-	-	-	1,038	62
Kebasi	Dorosoma chacunda	-	-	-	39	-	-	-	-	63	35	-	-	1,293	1,430	85
Kembong	Rastrelliger kanagurta	-	-	208,706	106	-	-	-	-	-	-	-	-	-	208,812	12,429
Kerapu	Serranidae	-	-	-	-	-	-	-	-	4,741	2,425	-	-	966	8,132	484
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	4,505	172	-	-	2,174	6,851	406
Kurau/Senangin/ Senohong	Polynemus spp.	-	-	-	4,105	-	-	-	-	55	-	-	-	-	4,160	248
Lidah/Sebelah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	2,104	2,104	125
Malong	Muraenesox cinereus	-	-	-	-	-	-	-	-	15	1	-	-	1,800	1,816	108
Mengkerong	Theraponidae	-	-	-	-	-	-	-	-	-	-	-	-	3,653	3,653	217
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	11,098	5,163	-	-	315	16,576	987
Parang2	Chirocentrus dorab	-	-	-	4,003	-	-	-	-	-	-	-	-	3,023	7,026	418
Pari	Dasyatidae	-	-	384	1,396	-	-	-	-	5,687	5	-	-	2,352	9,824	585
Selata	Caranx spp.	356	-	703	-	-	-	-	-	-	-	-	-	144	1,203	72
Puput/Beliat Mata	Pellona spp.	-	-	-	20	-	-	-	-	-	-	-	-	1,296	1,316	78
Selar	Caranx spp.	-	-	310	-	-	-	-	-	-	-	-	-	28	338	20
Selayang/Churut	Decapterus russelli	-	-	3,670	125	-	-	-	-	3	-	-	-	1,545	5,343	318
Tamilang	Plotosus spp.	-	-	-	-	-	-	-	-	5,272	-	-	-	-	5,272	314
Terumbu	Lactarius Lactarius	-	-	-	-	-	-	-	-	-	-	-	-	531	531	32
C/F. Sub-Total:-		10,174	9	402,903	24,948	14	-	-	-	45,008	8,441	-	-	46,085	537,582	31,998

Jadual 8-D Samb.
(Table 8-D Cont.)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscella-neous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
B/F.		10,174	9	402,903	24,948	14	-	-	-	45,008	8,441	-	-	46,085	537,582	31,998
Tamban	Clupea spp.	32	-	10,075	-	-	-	-	-	-	-	-	-	84	10,191	607
Tenggiri	Scomberomorus spp.	-	-	85	5,565	-	-	-	-	40	-	-	-	1,168	6,858	408
Terubok	Clupea macrura	-	-	-	123	-	-	-	-	-	-	-	-	26	149	9
Timah/Selayor	Trichiurus spp.	93	-	-	513	-	-	-	-	-	-	-	-	6,874	7,480	445
Yu	Galeorhinidae	-	-	3	879	-	-	-	-	849	-	-	-	1,135	2,866	171
Ikan Baja	(Manure fish)	1,979	1,900	93,581	-	-	-	33,606	-	-	-	-	-	110,834	241,900	14,399
Ikan Champor	(Mixed fish)	700	1,175	7,214	7,145	-	-	3,547	-	255	72	-	-	20,869	40,977	2,439
Udang	Crustacea	212	2,288	49,424	14,425	-	-	17,934	-	3	-	-	-	203,484	287,770	17,129
Udang Baring	Crustacea	-	976	9,620	-	-	4,100	20,925	-	-	-	-	-	-	35,621	2,120
Ketam	Crustacea	-	-	1,174	382	-	-	-	-	-	-	-	10,097	735	12,388	737
Sotong	Mollusc	-	-	215	-	-	-	-	-	-	-	-	-	17,773	17,988	1,071
Kerang	Mollusc	-	-	-	-	-	-	-	-	-	-	473,870	-	-	473,870	28,207
Siput	Mollusc	-	-	-	-	-	-	-	-	-	-	6,880	-	-	6,880	410
TOTAL:-	Piculs	13,190	6,348	574,294	53,980	14	4,100	76,012	-	46,155	8,513	480,750	10,097	409,067	1,682,520	
	Tons	785	378	34,184	3,213	1	244	4,525	-	2,747	507	28,616	601	24,349		100,150

CYK/lly.

1 ton = 16.8 piculs.

SELANGOR

Jadual 8-E
(Table 8-E)

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscella-neous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2	Sphyraena spp.	-	-	-	-	-	-	-	90	-	-	-	-	-	90	5
Bawal	Stromateus spp.	12	-	165	7,178	1,174	-	-	-	-	-	-	-	679	9,208	548
Belanak/Kedera	Mugilidae	122	-	2,727	4,561	-	-	11	250	24	-	-	-	1,506	9,201	548
Bilis	Stolephorus spp.	86	-	64,696	-	-	-	-	-	-	-	-	-	120	64,902	3,863
Chincharu	Megalaspis cordyla	57	-	14,057	7,555	-	-	-	84	2,779	-	-	-	191	24,723	1,472
Duri	Tachysuridae	-	-	339	172	-	-	7	405	6,564	-	-	-	7,132	14,619	870
Gelama	Sciaenidae	-	-	344	-	-	-	-	63	462	-	-	-	4,391	5,260	313
Gerut2	Pomadasys	-	-	-	-	-	-	-	12	318	20	-	-	331	681	41
Jenahak	Lutianus argentimaculatus	-	-	-	-	-	-	-	-	658	122	-	-	10	790	47
Kebasi/Selangat	Dorosoma chacunda	135	-	-	1,264	-	-	-	-	-	-	-	-	-	1,399	83
Kembong	Rastrelliger kanagurta	-	-	65,453	-	338	-	-	-	-	-	-	-	-	65,791	3,916
Kerapu	Serranidae	-	-	-	18	-	-	-	11	350	4	-	-	-	383	23
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	8	49	-	-	102	159	9
Kurau/Senohong/ Senangin	Polynemus spp.	48	-	63	1,987	-	-	-	42	374	-	-	-	464	2,978	177
Lidah/Sebelah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	1,951	1,951	116
Malong	Muraenesox cinereus	-	-	-	-	-	-	-	18	3,724	-	-	-	1,955	5,697	339
Merah	Lutianus spp.	-	-	-	-	-	-	-	55	1,100	472	-	-	38	1,665	99
Parang2	Chirocentrus dorab	97	-	85	10,362	-	-	-	-	15	-	-	-	6	10,565	629
Pari	Dasyatidae	-	-	61	-	-	-	-	138	2,498	-	-	-	3,685	6,382	380
Selar	Caranx spp.	-	-	1,694	-	-	-	-	-	-	-	-	-	5	1,699	101
Selayang	Decapterus russellii	-	-	13,390	2	-	-	-	-	-	-	-	-	-	13,392	797
Semilang	Plotosus spp.	-	-	184	-	-	-	-	272	-	-	-	-	-	456	27
Telang	Chorinemus spp.	-	-	-	15	-	-	-	-	-	-	-	-	-	15	1
C/F. Sub-Total		557	-	163,258	33,114	1,512	-	18	1,440	18,874	667	-	-	22,566	242,006	14,404

Jadual 8-E Samb.
(Table 8-E Cont.)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscella-neous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
B/C		557	-	163,258	33,114	1,512	-	18	1,440	18,874	667	-	-	22,566	242,006	14,404
Tamban	Clupea spp.	-	-	4,998	498	-	-	-	-	-	-	-	-	-	5,496	327
Tenggiri	Scomberomorus spp.	52	-	-	12,298	-	-	-	-	26	-	-	-	17	12,393	738
Terubok	Clupea macrura	15	-	-	-	-	-	-	-	-	-	-	-	-	15	1
Timah/Selayor	Trichiurus spp.	-	-	-	13	-	-	-	-	-	44	-	-	681	738	44
Yu	Galeorhinidae	-	-	-	709	-	-	-	-	2,100	-	-	-	954	3,763	224
Ikan Baja	Manure fish	1,156	-	1,061	-	640	-	34,787	690	14	-	-	-	140,043	178,391	10,619
Ikan Campor	Mixed fish	503	-	953	877	-	-	44	860	933	-	-	-	16,010	20,180	1,201
Udang	Crustacea	73	-	679	586	-	-	107,734	621	-	-	-	-	121,117	230,810	13,739
Udang Baring	Crustacea	-	-	-	-	-	1,836	11,550	-	-	-	-	-	-	13,386	797
Ketam	Crustacea	-	-	16	-	-	-	155	270	-	2	-	2,475	2,069	4,987	297
Sotong	Mollusc	89	-	-	-	-	-	-	-	-	-	-	-	1,338	1,427	85
Kerang	Mollusc	-	-	-	-	-	-	-	-	-	-	49,599	-	-	49,599	2,952
TOTAL:-	Piculs	2,445	-	170,965	48,095	2,152	1,836	154,288	3,881	21,947	713	49,599	2,475	304,795	763,191	
	Tons	146	-	10,177	2,863	128	109	9,184	231	1,306	42	2,952	147	18,143		45,428

1 ton = 16.8 piculs.

CYK/lly.

Jadual 8-F
(Table 8-F)

N E G E R I S E M B I L A N

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscella-neous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Bawal	Stromateus spp.	-	-	-	39	-	-	-	-	-	-	-	-	-	39	2
Chincharu	Megalaspis cordyla	-	-	-	574	-	-	-	-	644	-	-	-	-	1,218	73
Duri	Tachysuridae	-	-	-	8	-	-	-	-	32	-	-	-	-	40	2
Jenahak	Lutianus	-	-	-	-	-	-	-	-	99	255	-	-	-	354	21
Kembong	Rastrelliger kanagurta	-	-	-	35	-	-	-	-	-	-	-	-	-	35	2
Kerapu	Serranidae	-	-	-	-	-	-	-	-	-	77	-	-	-	77	5
Kurau/Senangin/ Senohong	Polynemus spp.	-	-	47	-	-	-	-	-	-	-	-	-	-	47	3
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	577	198	-	-	-	775	46
Parang2	Chirocentrus dorab	-	-	-	962	-	-	-	-	-	-	-	-	-	962	57
Pari	Dasyatidae	-	-	-	-	-	-	-	-	28	-	-	-	-	28	2
Semilang	Plotosus spp.	-	-	-	-	-	-	-	39	-	-	-	-	-	39	2
Talang	Chorinemus spp.	-	-	-	17	-	-	-	-	-	-	-	-	-	17	1
Tenggiri	Scomberomorus spp.	-	-	-	1,129	-	-	-	-	-	-	-	-	-	1,129	67
Yu	Galeorhinidae	-	-	-	26	-	-	-	-	-	-	-	-	-	26	2
Ikan Campor	(Mixed fish)	-	-	177	140	-	-	-	87	495	50	-	-	-	949	56
Udang	Crustacea	-	-	229	-	-	-	-	114	-	-	-	-	-	343	20
Ketam	Crustacea	-	-	-	-	-	-	-	18	-	-	-	279	-	297	18
Udang Galah	Crustacea	-	-	-	-	-	-	-	130	-	-	-	-	-	130	8
TOTAL:- Piculs		-	-	453	2,930	-	-	-	388	1,875	580	-	279	-	6,505	
Tons		-	-	27	174	-	-	-	23	112	34	-	17	-		387

CYK/lly.

1 ton = 16.8 piculs.

MELAKA (MALACCA)

Jadual 8-G
(Table 8-G)

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Misce-llaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Aruan Tasek	Rachycentron canadus	-	-	-	40	-	-	-	-	18	-	-	-	-	58	3
Bawal	Stromateus spp.	89	46	-	685	-	-	-	-	-	-	-	-	-	820	49
Belanak/Kedera	Mugilidae	-	-	8	-	-	-	-	-	-	-	-	-	-	8	1
Chincharu	Megalaspis cordyla	-	-	-	-	-	-	-	-	256	-	-	-	-	256	15
Duri	Tachysuridae	-	-	81	363	-	-	-	-	151	-	-	-	-	595	35
Gelama	Sciaenidae	324	186	-	536	-	-	-	-	202	-	-	-	-	1,248	74
Jenahak	Lutianus	-	-	-	-	-	-	-	-	116	-	-	-	-	116	7
Kebasi/Selangat	Dorosoma chacunda	-	-	-	337	-	-	-	-	-	-	-	-	-	337	20
Kembong	Rastrelliger kanagurta	-	-	-	74	-	-	-	-	43	-	-	-	-	117	7
Kerapu	Serranidae	-	-	-	-	-	-	-	-	169	1	-	-	-	170	10
Kurau/Senangin	Polynemus spp.	-	-	-	460	-	-	-	-	132	-	-	-	-	592	35
Malong	Muraenesox cinereus	-	-	-	75	-	-	-	-	66	-	-	-	-	141	8
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	59	15	-	-	-	74	4
Parang2	Chirocentrus dorab	5	3	-	8,170	-	-	-	-	48	-	-	-	-	8,226	490
Pari	Dasyatidae	5	7	-	99	-	-	-	-	22	-	-	-	-	133	8
Puput	Pellona spp.	-	-	-	97	-	-	-	-	-	-	-	-	-	97	6
Selar	Caranx spp.	-	-	-	-	-	-	-	-	66	-	-	-	-	66	4
Selayang	Decepterus russellii	-	-	-	157	-	-	-	-	-	-	-	-	-	157	9
Semilang	Plotosus spp.	-	-	10	-	-	2	-	24	-	-	-	-	-	36	2
Talang	Chorinemus spp.	-	-	-	344	-	-	-	-	-	-	-	-	-	344	21
Tenggiri	Scomberomorus spp.	-	-	-	7,776	-	-	-	-	-	-	-	-	-	7,776	463
Timah	Trichiurus spp.	9	18	-	27	-	-	-	-	-	-	-	-	-	54	3
Yu	Galeorhinidae	-	-	-	116	-	-	-	-	29	-	-	-	-	145	9
Ikan Baja	(Manure fish)	2,082	1,875	134	-	-	-	-	-	-	-	-	-	-	4,091	244
Ikan Campor	(Mixed fish)	462	297	58	119	-	2	-	29	175	46	-	36	-	1,224	73
Udang	Crustacea	1,255	706	237	356	-	232	-	-	-	-	-	-	-	2,786	166
Udang Baring	Crustacea	-	72	-	-	-	218	-	-	-	-	-	-	-	290	17
Udang Galah	Crustacea	-	-	-	-	-	-	-	5	-	14	-	23	-	42	3
TOTAL - Piculs		4,231	3,210	528	19,831	-	454	-	58	1,552	76	-	59	-	29,999	
TOTAL - Tons		252	191	31	1,180	-	27	-	4	92	5	-	4	-		1,786

1 ton = 16.8 piculs

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970 (Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Jadual 8-H
(Table 8-H)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscellaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2/Tenak	Sphyraena spp.	-	-	-	-	-	-	-	-	20	-	-	-	-	20	1
Aruan Tasek	Rachycentron canadus	-	-	-	-	-	-	-	-	126	-	-	-	175	301	18
Aya/Tongkol	Euthynnus spp.	-	-	105	706	124	-	-	-	1,130	-	-	-	-	2,065	123
Bawal	Stromateus spp.	-	-	470	486	2,417	-	-	-	-	-	-	-	-	3,373	201
Biji Nangka	Upeneus tragula	-	-	-	-	-	-	-	-	-	-	-	-	1,022	1,022	61
Chermin/Rambai	Caranx Gallus	-	-	-	-	-	-	-	-	-	-	-	-	336	336	20
Chincharu	Megalaspis cordyla	-	-	-	-	1,447	-	-	-	361	-	-	-	-	1,808	108
Demudok	Caranx ferdau	-	-	-	-	-	-	-	-	19	-	-	-	-	19	1
Duri	Tachysuridae	-	-	-	414	-	-	-	-	343	-	-	-	135	892	53
Gelama	Sciaenidae	-	-	74	243	-	-	-	-	145	244	-	-	831	1,537	92
Jenahak	Lutianus argentimaculatus	-	-	-	-	-	-	-	-	316	1,501	-	-	417	2,234	133
Kachi	Plectorhyncus pictus	-	-	-	-	-	-	-	-	9	633	-	-	-	642	38
Kembong	Rastrelliger kanagurta	-	-	3,004	2,648	6,564	-	-	-	-	-	-	-	-	12,216	727
Kerapu	Serranidae	-	-	-	-	-	-	-	-	-	2,582	-	-	-	2,582	154
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	768	1,479	-	-	3,168	5,415	322
Kikek	Leiognathidae	-	-	78	-	-	-	-	-	-	-	-	-	1,134	1,212	72
Lidah/Sebelah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	82	82	5
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	434	16,722	-	-	-	17,156	1,021
Parang2	Chirocentrus dorab	-	-	-	1,357	-	-	-	-	188	-	-	-		1,545	92
Pari	Dasyatidae	-	-	-	18	-	-	-	-	-	-	-	-	-	18	1
Pelata	Caranx spp.	-	-	-	-	336	-	-	-	-	-	-	-	-	336	20
Selar	Caranx spp.	-	-	-	395	-	-	-	-	499	-	-	-	-	894	53
S.Kuning/Lolong	Selaroides leptolepis	-	-	2,891	424	12,373	-	-	-	-	-	-	-	-	15,688	934
Selar Puchat	Selar megalaspis	-	-	-	-	-	-	-	-	120	-	-	-	-	120	7
Selayang	Decapterus russellii	-	-	620	-	218	-	-	-	-	-	-	-	-	838	50
Tamban	Clupea spp.	-	-	5,107	2,846	8,488	-	-	-	-	-	-	-	-	16,441	979
Tenggiri	Scomberomorus spp.	-	-	-	1,839	-	-	-	-	3,625	-	-	-	-	5,464	325
Timah/Layor	Trichiurus spp.	-	-	1,604	600	-	-	-	-	80	-	-	-	-	2,284	136
Yu	Galeorhinidae	-	-	-	318	-	-	-	-	69	-	-	-	-	387	23
Ikan Baja	(Manure fish)	-	-	5	-	-	-	-	-	-	-	-	-	3,084	3,089	184
Ikan Campor	(Mixed fish)	-	-	244	95	-	-	-	-	103	-	-	-	331	773	46
Udang	Crustacea	-	-	-	1,227	-	-	-	-	-	-	-	-	5,751	6,978	415
Udang Baring	Crustacea	-	-	1,880	-	-	-	-	-	-	-	-	-	-	1,880	112
Sotong	Mollusc	-	-	5	-	-	-	-	-	-	-	-	1,563	152	1,720	102
TOTAL -	Piculs	-	-	16,087	13,616	31,967	-	-	-	8,355	23,161	-	1,563	16,618	111,367	
-	Tons	-	-	958	810	1,903	-	-	-	497	1,379	-	93	989		6,629

CY/rb

Jadual 8-I
(Table 8-I)

TRENGGANU

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscellaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2/Kachang	Sphyraena spp.	-	-	500	291	-	-	-	-	62	370	-	-	421	1,644	98
Aruan Tasek	Rachycentron canadus	-	-	-	102	-	-	-	-	3	1,010	-	-	1	1,116	67
Aya/Tongkol	Euthynnus spp.	-	-	880	7,609	-	-	-	-	14,876	-	-	-	-	23,365	1,391
Bawal	Stromateus spp.	-	-	5	-	1,313	-	-	-	-	-	-	-	24	1,342	80
Bayan	Labridae	-	-	-	-	-	-	-	-	125	800	-	-	-	925	55
Belanak	Mugilidae	-	-	-	7	-	-	-	-	-	-	-	-	-	7	1
Biji Nangka	Upeneus tragula	-	-	234	-	-	-	-	-	-	-	-	-	1,995	2,229	133
Bilis	Stolephorus spp.	-	-	18,827	130	-	-	-	-	-	-	-	-	-	18,957	1,128
Chermin	Caranx gallus	-	-	37	-	-	-	-	-	786	419	-	-	84	1,326	79
Chincharu/Chelek	Megalaspis cordyla	-	-	1,350	4,815	1,445	-	-	-	3,632	-	-	-	53	11,305	672
Daun Gahru	Orepane punctata	-	-	-	-	-	-	-	-	-	-	-	-	21	21	1
Delah	Caesio erythrogaster	-	-	-	-	-	-	-	-	-	1,918	-	-	-	1,918	114
Demudok	Caranx ferdau	-	-	-	5	-	-	-	-	371	1,460	-	-	-	1,836	109
Duri/Pulutan	Tachysuridae	-	-	8,534	922	-	-	-	-	2,498	-	-	-	675	12,619	751
Gelama	Sciaenidae	-	-	2,013	179	-	-	-	-	13	66	-	-	631	2,902	173
Gerong2	Caranx speciosus	-	-	-	-	24	-	-	-	4	56	-	-	4	88	5
Gerut2	Pomadasys hasta	-	-	-	-	-	-	-	-	-	335	-	-	254	589	35
Jebong	Abalistes stellaris	-	-	-	-	-	-	-	-	-	1,197	-	-	-	1,197	71
Kachi	Plectorhyncus pictus	-	-	-	-	-	-	-	-	6	3,395	-	-	109	3,510	209
Kembong/Pelaling	Rastrelliger kanagurta	-	-	21,238	10,427	4,914	-	-	-	-	-	-	-	-	36,579	2,177
Kerapu	Serranidae	-	-	-	-	-	-	-	-	889	5,783	-	-	307	6,979	415
Kerisi	Nemipteridae	-	-	300	-	-	-	-	-	6,270	1,746	-	-	981	9,297	553
Kerisi Bali	Pristipomoides microlepis	-	-	-	-	-	-	-	-	17	3,130	-	-	-	3,147	187
Kikek	Leiognathidae	-	-	973	280	-	-	-	-	-	-	-	-	4,731	5,984	356
Kurau/Lauh	Polynemus spp.	-	-	75	-	-	-	-	-	-	-	-	-	-	75	5
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	2,455	25,259	-	-	109	27,823	1,656
Parang2	Chirocentrus dorab	-	-	35	2,554	-	-	-	-	118	-	-	-	-	2,707	161
C/F SUB-TOTAL		-	-	55,001	27,321	7,696	-	-	-	32,115	46,944	-	-	10,410	179,487	10,683

Jadual 8-I Samb.
(Table 8-I Cont.)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell fish	Misce- llaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
B/F		-	-	55,001	27,321	7,696	-	-	-	32,115	46,944	-	-	~~10,440~~	179,437	10,693
Pari	Dasyatidae	-	-	-	24	-	-	-	-	118	-	-	-	101	243	15
Pelata	Caranx spp.	-	-	-	143	42	-	-	-	-	-	-	-	-	185	11
Puput/Beliak Mata	Pellona spp.	-	-	-	-	-	-	-	-	-	-	-	-	30	30	2
Remong/Kunyit	Lutianus spp.	-	-	-	-	-	-	-	-	3	2,010	-	-	105	2,118	126
Selar/Susong Arus	Caranx spp.	-	-	3,193	5,862	2,825	-	-	-	2,665	-	-	-	30	14,575	868
S.Kuning/Lolong	Selaroides leptolepis	-	-	16,312	140	13,924	-	-	-	-	-	-	-	134	30,510	1,816
Selar Puchat	Selar megalaspis	-	-	-	-	90	-	-	-	-	-	-	-	-	90	5
Selayang	Decapterus russellii	-	-	8,249	-	18,580	-	-	-	-	-	-	-	-	26,829	1.597
Shrumbu/Lemah	Lactarius lactarius	-	-	43	-	-	-	-	-	-	-	-	-	-	43	3
Talang	Chorinemus spp.	-	-	-	215	-	-	-	-	25	-	-	-	-	240	14
Tamban	Clupea spp.	-	-	36,301	196	10,306	-	-	-	-	-	-	-	-	46,803	2,786
Tenggiri	Scomberomorus spp.	-	-	47	8,308	15	-	-	-	15,151	-	-	-	-	23,521	1,400
Timah/Selayer	Trichiurus spp.	-	-	235	139	-	-	-	-	-	-	-	-	123	497	30
Yu	Galeorhinidae	-	-	-	2,070	65	-	-	-	549	-	-	-	246	2,930	174
Ikan Baja	(Manure fish)	-	-	1,268	15	136	-	-	-	-	-	-	-	4,591	6,010	358
Ikan Champor	(Mixed fish)	-	-	6,209	446	678	-	-	-	525	384	-	-	2,029	10,271	611
Udang	Crustacea	-	-	40	80	-	-	-	-	-	-	-	-	3,312	3,432	204
Udang Baring	Crustacea	-	-	3,187	-	-	660	-	-	-	-	-	-	-	3,847	229
Sotong	Mollusc	-	-	315	-	-	-	-	-	105	-	-	2,824	170	3,414	203
Lidah/Sebelah	Soleidae													130	130	8
TOTAL	- Piculs	-	-	130,400	44,959	54,357	660	-	-	51,256	49,338	-	2,824	21,411	355,205	
	- Tons	-	-	7,762	2,676	3,236	39	-	-	3,051	2,937	-	168	1,274		21,143

1 ton = 16.8 piculs

CYK/rb

PAHANG

Jadual 8-J
(Table 8-J)

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Misce-llaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2/Kachang/Tenak	Sphyraena spp.	-	-	-	29	-	-	-	-	1	-	-	-	57	87	5
Aruan Tasek	Rachycentron canadus	-	-	-	105	-	-	-	-	70	-	-	-	-	175	10
Aya	Euthynnus spp.	-	-	-	1,352	-	-	-	-	592	-		-	1	1,945	116
Bawal	Stromateus spp.	-	-	85	32	-	-	-		-	-	-	-	41	158	9
Belanak	Mugilidae	-	-	40	317	-	-	-	-	-	-	-	-		357	21
Biji Nangka	Upeneus tragula	15	-	-	-	-	-	-	-	-	-	-	-	265	300	18
Bilis	Stolepharus spp.	301	-	1,988	-	-	-	-	-	-	-	-	-	68	2,357	140
Chermin	Caranx gallus	-	-	-	5	-	-	-	-	-	-	-	-	32	37	2
Chincharu	Megalaspis cordyla	-	-	230	148	-	-	-	-	502	-	-	-	11	891	53
Daun Bahru	Drepane punctata	-	-	-	-	-	-	-	-	-	-	-	-	40	40	2
Demudok	Caranx ferdau	-	-	22	3	-	-	-	-	165	159	-	-	131	480	29
Dengkis	Siganidae	-	-	-	-	-	-	-	-	-	-	-	-	639	639	38
Duri/Pulutan	Tachysuridae	-	-	9,864	1,010	970	-	-	-	1,474	-	-	-	811	14,129	841
Gelama	Sciaenidae	-	-	170	56	-	-	-	-	75	-	-	-	2,296	2,597	155
Gerong2	Caranx speciosus	-	-	-	3	-	-	-	-	-	6	-	-	-	9	1
Gerut2	Pomadasys hasta	-	-	-	5	-	-	-	-	46	5	-	-	-	56	3
Jenahak	Lutianus	-	-	-	3	-	-	-	-	13	2	-	-	-	18	1
Kachi	Plectorhyncus pictus	-	-	-	26	-	-	-	-	88	155	-	-	16	285	17
Kebasi	Dorosoma chacunda	-	-	-	-	-	-	-	-	-	-	-	-	14	14	1
Kembong	Rastrelliger kanagurta	-	-	1,490	7,607	112	-	-	-	4	-	-	-	-	9,213	548
Kerapu	Serranidae	-	-	-	12	-	-	-	-	483	242	-	-	-	737	44
Kerisi	Nemipteridae	-	-	-	36	-	-	-	-	2,482	54	-	-	2,849	5,421	323
Kikek	Leiognathidae	27	-	38	-	-	-	-	-	-	-	-	-	346	411	24
Kurau/Senangin	Polynemus spp.	-	-	14	46	-	-	-	-	-	-	-	-	-	60	4
Lidah/Sebelah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	7	7	*
Mengkerong	Theraponidae	-	-	-	-	-	-	-	-	-	-	-	-	673	673	40
Merah	Lutianus spp.	-	-	-	13	-	-	-	-	493	500	-	-	15	1,021	61
Parang2	Chirocentrus dorab	45	-	3	1,232	-	-	-	-	608	-	-	-	39	1,927	115
C/F : SUB-TOTAL		388	-	13,944	12,040	1,082	-	-	-	7,096	1,123	-	-	8,371	44,044	2,621

* less than a ton

Jadual 8-J Samb.
(Table 8-J Cont.)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Misce-llaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
B/F		388	-	13,944	12,[illegible]	1,082	-	..	..	7,096	1,123	..	-	~~8,571~~	44,044	2,621
Pari	Dasyatidae	-	..	2	705	-	-	-	..	156	-	..	..	390	1,253	77
Remong/Kunyit	Lutianus spp.	-	-	-	2	-	-	-	..	-	13	-	..	..	15	1
Selar	Caranx spp.	50	-	-	761	374	-	..	..	767	-	..	..	..	1,892	113
Selar Kuning	Selaroides leptolepis	431	-	100	-	23,300	..	-	-	196	-	..	-	1,999	31,072	1,849
Selayang	Decapterus russellii	-	-	..	..	2,195	..	-	..	-	-	-	..	-	2,195	131
Talang	Chorinamus spp.	-	-	36	114	-	..	..	-	12	-	-	-	2	164	10
Tamban	Clupea spp.	2,391	-	5,656	..	2,635	..	..	..	..	-	-	-	-	10,682	636
Tenggiri	Scomberomorus spp.	-	-	25	4,772	-	..	-	-	3,660	-		-	48	8,505	506
Timah	Trichiurus spp.	-	-	-	3	-	-	-	..	-	-	..	-	1	4	*
Yu	Galeorhinidae	-	-	-	941	-	-	-	-	183	-	-	-	426	1,550	92
Ikan Baja	(Manure fish)	1,056	-	2,430	445	-	-	236	-	-	-	-	-	15,735	19,902	1,185
Ikan Champor	(Mixed fish)	302	-	2,195	1,314	623	-	6	-	530	202	-	-	3,675	8,847	527
Udang	Crustacea	-	-	20	1,133	-	-	23	-	-	-	-	-	5,971	7,207	429
Ketam	Crustacea	-	-	-	3	-	-	-	-	-	-	-	-	27	30	2
Sotong	Mollusc	321	-	8	1	-	-	-	-	146	-	-	-	870	1,346	80
TOTAL - Piculs		4,939	-	24,422	22,294	35,229	-	265	-	12,746	1,338	-	-	37,475	138,708	
TOTAL - Tons		294	-	1,454	1,327	2,097	-	16	-	759	79	-	-	2,231		8,257

1 ton = 16.8 piculs
* Less than 1 ton

CYK/rb

JOHOR TIMOR (JOHORE EAST)

Jadual 8-K
(Table 8-K)

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Misce-llaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2/Kachang	Sphyraena spp.	79	58	-	-	-	-	-	-	-	-	-	-	-	137	8
Aya/Tongkol	Euthynnus spp.	-	-	1,060	4,963	-	-	-	-	3,182	-	-	-	-	9,205	548
Bawal	Stromateus spp.	-	-	-	-	189	-	-	-	-	-	-	-	262	451	27
Belanak	Mugilidae	50	631	-	-	-	-	-	27	-	-	-	-	-	708	42
Biji Nangka	Upeneus tragula	-	-	-	-	-	-	-	-	-	-	-	-	421	421	25
Bilis	Stolephorus spp.	1,842	-	-	-	-	-	-	-	-	-	-	-	45	1,887	112
Chermin	Caranx gallus	5	-	-	153	-	-	-	-	965	-	-	-	449	1,572	94
Chincharu	Megalaspis cordyla	-	-	686	418	-	-	-	-	1,611	-	-	-	113	2,822	168
Delah	Caesio erythrogaster	-	-	-	-	-	-	-	-	-	212	-	-	95	307	18
Demudok	Caranx ferdau	-	-	-	-	-	-	-	-	-	-	-	-	145	145	9
Dengkis/Debam	Siganidae	171	388	-	-	-	-	-	139	-	-	-	-	-	698	42
Duri	Tachysuridae	-	-	1,214	72	-	-	-	12	577	-	-	-	2,319	4,194	250
Gelama	Sciaenidae	-	51	25	-	-	-	-	-	49	-	-	-	10,553	10,678	636
Jenahak	Lutianus	-	-	-	-	-	-	-	-	-	226	-	-	-	226	14
Kachi	Plectorhyncus pictus	-	-	-	-	-	-	-	-	-	408	-	-	-	408	24
Kebasi/Selangat	Dorosoma chacunda	102	112	-	-	-	-	-	44	-	-	-	-	-	258	15
Kembong	Rastrelliger kanagurta	-	-	13,145	3,668	14,080	-	-	-	-	-	-	-	577	31,470	1,873
Kerapu	Serranidae	-	-	-	-	-	-	-	-	3,220	464	-	-	185	3,869	230
Kerepoh	Caranx sexfasciatus	-	-	-	-	-	-	-	-	-	120	-	-	-	120	7
Kerisi	Nemipteridae	-	29	-	-	-	-	-	-	3,918	600	-	-	7,813	12,360	736
Kikek	Leiognathidae	838	62	-	-	-	-	-	-	-	-	-	-	7,175	8,075	481
Merah	Lutianus spp.	-	219	-	101	-	-	-	42	1,650	939	-	-	1,133	4,084	243
Parang2	Chirocentrus dorab	569	-	-	3,745	-	-	-	-	-	-	-	-	1,385	5,699	339
Pari	Dasyatidae	-	161	71	-	-	-	-	67	1,004	-	-	-	2,358	3,661	218
Selar	Caranx spp.	1,045	-	3,465	-	1,759	-	-	-	1,590	-	-	-	574	8,433	502
Selar Kuning	Selaroides leptolepis	765	-	-	-	15,178	-	-	-	-	-	-	-	4,810	20,753	1,235
C/F SUB-TOTAL		5,466	1,711	19,660	13,120	31,206	-	-	331	17,766	2,969	-	-	40,412	132,641	7,896

Jadual 8-K Samb.
(Table 8-K Cont.)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscellaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
D/F		5,466	1,711	19,660	13,120	31,206	-	-	331	17,766	2,969	-	-	~~48,442~~	132,641	7,896
Selayang	Decapterus russellii	25	-	-	-	8,433	-	-	-	-	-	-	-	~~X~~	8,458	503
Semilang	Plotosus spp.	-	322	198	-	-	-	-	199	-	-	-	-	165	794	47
Tamban	Clupea spp.	5,421	-	16,973	-	12,716	-	-	-	-	-	-	-	~~X~~	35,110	2,090
Tenggiri	Scomberomorus spp.	-	-	-	10,440	-	-	-	-	6,601	-	-	-	~~617~~	17,658	1,051
Yu	Galeorhinidae	-	138	-	562	-	-	-	-	942	-	-	-	2,070	3,712	221
Ikan Baja	(Manure fish)	6,062	-	3,995	-	-	-	65,247	32	-	-	-	-	102,876	178,212	10,608
Ikan Campor	(Mixed fish)	1,022	225	257	600	-	-	2,612	362	363	-	-	483	25,487	31,411	1,870
Udang	Crustacea	774	-	208	-	-	-	12,897	266	-	-	-	529	20,122	34,796	2,071
Udang Galah	Crustacea	-	-	-	-	-	-	-	71	-	-	-	-	-	71	4
Ketam	Crustacea	-	237	97	1,123	-	-	-	99	-	-	-	-	5,690	7,246	431
Sotong	Mollusc	869	-	-	-	-	-	90	-	-	-	-	293	14,477	15,729	936
TOTAL - Piculs		19,639	2,633	41,298	25,845	52,355	-	80,846	1,360	25,672	2,969	-	1,305	211,916	465,838	
- Tons		1,169	157	2,458	1,538	3,116	-	4,812	81	1,528	177	-	78	12,614		27,728

1 ton = 16.8 piculs

/rb

Jadual 8-K Samb.
(Table 8-K Cont.)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscellaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
D/F		5,466	1,711	19,660	13,120	31,206	-	-	331	17,766	2,969	-	-	~~10,442~~	132,641	7,896
Selayang	Decapterus russellii	25	-	-	-	8,433	-	-	-	-	-	-	-	X	8,458	503
Semilang	Plotosus spp.	-	322	108	-	-	-	-	199	-	-	-	-	165	794	47
Tamban	Clupea spp.	5,421	-	16,973	-	12,716	-	-	-	-	-	-	-	X	35,110	2,090
Tenggiri	Scomberomorus spp.	-	-	-	10,440	-	-	-	-	6,601	-	-	-	~~619~~	17,658	1,051
Yu	Galeorhinidae	-	138	-	562	-	-	-	-	942	-	-	-	2,070	3,712	221
Ikan Baja	(Manure fish)	6,062	-	3,995	-	-	-	65,247	32	-	-	-	-	102,876	178,212	10,608
Ikan Champor	(Mixed fish)	1,022	225	257	600	-	-	2,612	362	363	-	-	483	25,487	31,411	1,870
Udang	Crustacea	774	-	208	-	-	-	12,897	266	-	-	-	529	20,122	34,796	2,071
Udang Galah	Crustacea	-	-	-	-	-	-	-	71	-	-	-	-	-	71	4
Ketam	Crustacea	-	237	97	1,123	-	-	-	99	-	-	-	-	5,690	7,246	431
Sotong	Mollusc	869	-	-	-	-	-	90	-	-	-	-	293	14,477	15,729	936
TOTAL - Piculs		19,639	2,633	41,298	25,845	52,355	-	80,846	1,360	25,672	2,969	-	1,305	211,916	465,838	
- Tons		1,169	157	2,458	1,538	3,116	-	4,812	81	1,528	177	-	78	12,614		27,728

1 ton - 16.8 piculs

YK/rb

JOHOR BARAT (JOHORE WEST)

Jadual 8-L
(Table 8-L)

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN - 1970

(Landings of Marine Fish by Gear Group and Type of Fish - 1970)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Miscellaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2	Sphyraena spp.	-	27	-	2	-	-	-	-	-	-	-	-	-	29	2
Bawal	Stromateus spp.	756	72	-	6,612	-	-	-	-	-	-	-	-	300	7,740	461
Belanak	Mugilidae	35	55	205	5	79	5	-	178	-	-	-	125	-	687	41
Bilis	Stolephorus spp.	1,260	-	32	-	-	-	-	-	-	-	-	-	10	1,302	77
Chincharu	Megalaspis cordyla	57	-	-	5,208	-	-	-	-	-	-	-	-	-	5,265	313
Dengkis/Debam	Siganidae	14	121	30	-	-	-	-	-	-	22	-	-	-	187	11
Duri	Tachysuridae	60	149	564	3,900	-	-	-	325	593	10	-	-	20	5,621	335
Gelama	Sciaenidae	528	192	805	2,019	-	-	-	724	81	p	-	-	3,725	8,074	481
Gerut2	Pomadasys hasta	-	-	-	5	-	-	-	-	373	-	-	-	-	378	22
Jenahak	Lutianus	34	-	-	-	-	-	-	-	209	343	-	-	-	586	35
Kebasi/Selangat	Dorosoma chacunda	300	-	10	1,506	-	-	-	-	-	-	-	-	20	1,836	109
Kerapu	Serranidae	-	-	-	-	-	-	-	-	463	422	-	-	-	885	53
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	-	16	-	-	-	16	1
Kikek	Leiognathidae	160	-	-	69	-	-	-	-	-	-	-	-	-	229	14
Kurau/Senangin	Polynemus spp.	97	65	380	1,153	-	-	-	35	157	-	-	-	155	2,042	122
Lidah	Soleidae	-	2	-	-	-	-	-	-	-	-	-	-	-	2	*
Malong	Muraenesox cinereus	85	-	-	279	-	-	-	-	1,286	-	-	-	235	1,885	112
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	643	1,295	-	-	-	1,938	115
Parang2	Chirocentrus dorab	583	-	-	14,304	-	-	-	-	100	-	-	-	-	14,987	892
Pari	Dasyatidae	-	117	-	1,368	-	-	-	64	982	-	-	-	565	3,096	184
Pelata	Caranx spp.	360	45	-	60	-	-	-	-	-	-	-	-	-	465	28
Puput/Beliak Mata	Pellona spp.	332	-	-	2,195	-	-	-	-	-	-	-	-	375	2,902	173
Selar	Caranx spp.	120	-	-	1	-	-	-	-	-	-	-	-	-	121	7
Selar Kuning	Selaroides leptolepis	295	38	-	-	-	-	-	-	-	-	-	-	-	333	20
Semilang	Plotosus spp.	-	326	19	22	-	-	-	512	527	64	-	-	-	1,470	87
Talang	Chorinemus spp.	-	-	-	231	-	-	-	-	-	-	-	-	-	231	14
C/F SUB-TOTAL		5,076	1,209	2,045	38,939	79	5	-	1,838	5,414	2,172	-	125	5,405	62,307	3,709

* less than a ton

Jadual 8-L Samb.
(Table 8-L Cont.)

Type of Fish		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Barrier Nets	Lines	Traps & Pots	Shell-fish	Misce-llaneous	Trawl Nets	TOTAL	
:al Name	Scientific Name														Piculs	Tons
		5,076	1,209	2,045	38,939	79	5	-	1,838	5,414	2,172	-	125	5,405	62,307	3,709
:ban	Clupea spp.	5,578	-	-	175	-	-	-	34	-	-	-	-	-	5,787	344
:ggiri	Scomberomorus spp.	173	-	-	11,680	-	-	-	-	-	-	-	-	-	11,853	706
:ah	Trichiurus spp.	110	20	-	58	-	-	-	-	-	-	-	-	-	188	11
	Galeorhinidae	-	-	-	613	-	-	-	-	65	85	-	-	-	763	45
:n Baja	(Manure fish)	28,610	289	3,517	18	-	-	2,570	2,159	-	-	-	-	16,010	53,173	3,165
:n Champor	(Mixed fish)	3,503	663	1,362	10,660	9	-	310	494	239	432	-	20	1,220	18,912	1,126
:ng	Crustacea	1,452	119	1,603	2,974	-	189	595	815	-	-	-	713	7,475	15,935	948
:ng Baring	Crustacea	67	-	-	-	-	86	15,800	-	-	-	-	-	-	15,953	950
:ng Galah	Crustacea	-	-	-	-	-	-	-	506	-	-	-	-	-	506	30
tam	Crustacea	7	175	172	947		-	-	39	-	5	-	-	-	1,345	80
tong	Mollusc	564	6	-	-	-	-	-	-	-	-	-	-	340	910	54
TAL - Piculs		45,140	2,481	8,699	66,064	88	280	19,275	5,885	5,718	2,694	-	858	30,450	187,632	
- Tons		2,687	148	518	3,932	5	17	1,147	350	340	160	-	51	1,813		11,168

1 ton = 16.8 piculs

/rb

PENGGUNAAN IKAN LAUT - 1970

(Utilization of Fresh Marine Fish - 1970)

Jadual 9
(Table 9)

FRESH FISH	TOTAL (Piculs)		Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore
TOTAL PRODUCTION		4,944,171											
LESS Processed into													
Salted/Dried Fish	533,999		-	79,765	86,643	153,642	70,070	-	62	24,210	89,521	28,397	1,689
Boiled Fish	8,904		-	-	-	8,904	-	-	-	-	-	-	-
Manure Fish	345,312		-	20,662	43,793	207,333	32,078	-	-	1,767	5,200	1,497	32,982
Fish Meal	556,828		-	5,016	212,756	-	237,604	-	-	-	-	53,968	47,484
Dried Prawns	145,493		-	433	14,853	32,533	97,307	-	-	-	67	-	300
Belachan	93,980		-	-	28,390	36,107	1,790	-	113	-	4,627	-	22,953
Fish & Prawn Crackers	7,536		-	-	-	-	-	-	-	462	4,287	-	2,787
# Others	365,540												
TOTAL PROCESSED		2,057,592	-	105,876	386,435	438,519	438,849	-	175	26,439	103,702	83,862	108,195
BALANCE of Production for Fresh Consumption		2,886,579											
*IMPORTS from													
Singapore	5,120												
Indonesia	42,770												
Other Sources	650,144												
TOTAL IMPORTS		698,034											
GROSS AVAILABLE SUPPLIES		3,584,613											
*EXPORTS to													
Singapore	698,456												
Indonesia	173												
Other Destinations	583,210												
TOTAL EXPORTS		1,281,839											
NET AVAILABLE SUPPLIES		2,302,774 (137,070 tons)											

Includes Prawn Dust, Chinchalok, Budu and Dried Cuttles.

*Source: Department of Statistics, Malaysia, Kuala Lumpur.

CHK/rb

MALAYSIA BARAT (WEST MALAYSIA)

HASIL IKAN LAUT YANG DI-AWITKAN - 1970

(Preserved Marine Fish Products - 1970)

Jadual 10
(Table 10)

State \ Type of Product	Salted/ Dried Fish	Dried Bilis	Boiled Fish	Manure Fish	Fish Meal	Dried Prawns	Prawn Dust	Belachan	Chinchalok	Budu	Dried Sotong	Kerupok Ikan	Kerupok Udang	TOTAL (Piculs)
Perlis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kedah	6,801	34,215	-	12,397	1,254	65	-	-	-	-	-	-	-	54,732
Penang	32,336	16,375	-	26,276	53,189	2,228	-	8,517	-	-	-	-	-	138,921
Perak	33,930	48,546	7,123	124,400	-	4,880	351	10,832	-	-	-	-	-	230,062
Selangor	18,583	19,549	-	19,247	59,401	14,596	35,720	537	-	-	-	-	-	167,633
Negeri Sembilan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malacca	37	-	-	-	-	-	-	34	26	-	-	-	-	97
Kelantan	14,526	-	-	1,060	-	-	-	-	-	-	-	300	-	15,886
Trengganu	49,129	3,820	-	3,120	-	10	-	1,388	-	991	360	2,787	-	61,605
Pahang	16,059	816	-	898	13,492	-	-	-	-	-	-	-	-	31,265
Johore-East	-	411	-	13,490	11,871	-	-	915	-	-	-	1,664	10	28,361
Johore-West	520	-	-	6,299	-	45	-	5,971	-	-	-	99	39	12,973
TOTAL: Piculs	171,921	123,732	7,123	207,187	139,207	21,824	36,071	28,194	26	991	360	4,850	49	741,535

Jadual 11
(Table 11)

MALAYSIA BARAT (WEST MALAYSIA)

IMPOT DAN EKSPOT IKAN, HASIL2 PERIKANAN, KRUSTASIA DAN MOLUSK - 1970

(IMPORTS & EXPORTS OF FISH, FISHERIES PRODUCTS, CRUSTACEA AND MOLLUSCS - 1970)

S.I.T.C.	DESCRIPTION OF COMMODITY	IMPORT		EXPORT	
		Quantity (Ton)	Value ($)	Quantity (Ton)	Value ($)
	Fresh, Chilled or Frozen				
031	Marine Fish-Tuna, fresh, chilled or frozen.	42,209	46,869,089	23,717	25,443,644
032	Marine Fish-Sauries, fresh, chilled or frozen.	1,084	2,285,683	1	1,460
039	Marine Fish-Other than Tuna & Sauries, fresh, chilled or frozen.	17,946	8,607,502	33,114	16,097,185
080	Freshwater Fish, fresh, chilled or frozen.	171	120,829	1,235	342,905
301	Crustacea-Prawns, fresh, chilled.	571	1,230,168	2,688	2,123,940
302	Crustacea-Prawns, fresh, frozen.	176	509,773	6,237	32,244,435
303	Crustacea-Other than Prawns, fresh, chilled or frozen.	443	292,721	1,511	1,201,257
305	Molluscs-Oysters, fresh.	21	66,577	4	4,270
306	Molluscs-Other than Oysters, fresh, chilled or frozen.	124	242,503	9,027	1,861,325
891	Beche-de-Mer (Trepang), fresh, chilled or frozen.	8	5,088	1	4,639
	Sub-Total:-	62,753	60,229,933	77,535	79,325,060
	Salted in Brine, Dried, Smoked or Simply Boiled.				
201	Fishmaws, salted, in brine, dried or smoked.	28	153,132	6	16,691
202	Sharks' Fins, salted, in brine, dried or smoked.	299	1,223,920	136	405,200
205	Salmon, smoked.	4	32,764	**	1,370
206	Fish, other than Salmon, smoked.	9	27,903	**	72
203	Other Marine Fish, salted, in brine or dried.	2,396	1,385,718	9,338	6,040,321
204	Other Freshwater Fish, salted, in brine or dried.	2	4,898	15	3,184
304	Crustacea, salted, in brine, dried or simply boiled.	643	1,047,732	756	1,073,469
307	Molluscs, salted, in brine, dried or simply boiled.	1,116	1,711,566	372	743,129
902	Beche-de-Mer (Trepang), salted, in brine, dried or smoked.	236	239,756	6	15,058
	Sub-Total:-	4,733	5,827,389	10,629	8,300,494
	Prepared or Preserved				
	(In airtight containers)				
011	Sardines	123	124,025	72	39,243
012	Herring and Brislings	97	166,319	2	2,174
013	Pilchards	2	4,157	**	155
014	Salmon	8	53,847	**	1,010
019-1	Sauries	2	1,895	**	50
017	Tuna	3	12,625	1,074	2,593,123
019-2	Horse Mackerels	4,527	4,787,430	79	65,260
019-3	Other Fish	1,012	378,657	339	532,634
021	Abalone	345	1,701,239	203	474,710
022	Prawns and Shrimps	1	2,387	1,670	643,628
023	Crabs	6	28,036	40	41,556
024	Cuttlefish	587	925,857	22	56,266
029	Other Crustacea and Molluscs	28	60,150	259	401,977
	(In other than airtight containers)				
016	Sharks' Fins	13	81,395	-	-
015	Fish Paste and Similar Preparations	16	15,130	91	100,557
010	Fish, boiled or steamed.	393	12,710	636	3,880
018	Other Fish Preparations	79	94,440	27	29,627
028	Crustacea and Molluscs	132	190,743	64	83,201
	Sub-Total:-	7,374	8,641,042	4,578	5,069,051

Jadual 11 Samb.
(Table 11 Cont.)

S.I.T.C.	DESCRIPTION OF COMMODITY	IMPORT		EXPORT	
		Quantity (Ton)	Value ($)	Quantity (Ton)	Value ($)
	Miscellaneous				
1 110	Fish Fry, alive (Quantity in number)	42,059,580	144,597	23,820	915
1 120	Fish for Aquaria (Quantity in number)	233,556	67,700	5,424,579	156,644
1 940	Fish Waste	188	28,796	537	176,403
1 140	Tortoise Shell (shell & scales)	1	120	**	60
1 150	Coral and Similar Substances	40	7,566	5,719	192,616
1 991	Turtle Eggs (Quantity in number)	-	-	500	58
1 998	Other Products of Fish, Crustacea & Molluscs.	2	1,730	174	47,013
1 100	Fats and Oils of Fish and Marine Mammals.	261	286,874	13	30,919
0 052	Soups & Broths of Fish, Crustacea & Molluscs.	1	3,348	-	-
1 402	Fish Meal	11,373	5,108,282	2,663	846,392
1 401	Prawn Dust	3,672	617,119	2,220	469,713
1 409	Other Flours and Meals of Fish, Crustacea & Molluscs.	1	4,145	12	3,653
1 101	Crude Fish Fertilizers.	83	7,201	33	6,365
0 045	Belachan	1,942	481,720	5,033	1,430,502
	Sub-Total:-	*17,564	6,759,198	*16,404	3,361,253
	TOTAL:-	92,424	81,457,562	*109,146	96,055,858

** denotes quantity of Less than a ton.

* Excluding the total number of Fish Fry, Fish for Aquaria and Turtle Eggs.

Note:- Crustacea being crabs, Lobsters, prawns, abalone and the like.
Molluscs being oysters, cockles, cuttlefish and the like.

S.I.T.C. - Standard International Trade Classification.

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Imports and Exports of

Fish, Fisheries Products, Crustacea and Molluscs

YEAR	IMPORT		EXPORT	
	Quantity (Ton)	Value ($)	Quantity (Ton)	Value ($)
1970	92,424	81,457,562	109,146	96,055,858
1969 @	54,481	42,279,150	86,271	65,822,785
1968 @	60,044	44,245,704	93,127	56,364 876
1967 @	55,575	45,068,179	71,076	40,977,967
1966 @	51,582	44,560,321	77,598	45,736,071
1965 @	40,898	35,047,889	70,752	38,136,479

Note: 1970 figures subject to alteration with the publication of 'External Trade' published by Department of Statistics.

@ 1965 - 1969 figures have been amended after the publication of 'External Trade'

Y/lly.

MALAYSIA BARAT (WEST MALAYSIA)

Jadual 12
(Table 12)

HARGA RONCHIT PURATA IKAN BASAH DI-PASAR BAGI TIAP2 SA-KATI MENGIKUT BULANAN - 1970

(Monthly Average Retail Market Prices of Fresh Fish - 1970)

Types of Fish	January $	February $	March $	April $	May $	June $	July $	August $	September $	October $	November $	December $	Average For 1970
Kurau - potong (cut)	2.62	2.58	2.37	2.39	2.45	2.53	2.89	2.96	2.88	3.01	2.86	2.84	2.70
Senangin	1.80	1.82	1.74	1.85	1.86	1.90	2.00	1.98	2.00	1.95	1.94	2.02	1.91
Bawal Puteh	2.40	2.41	2.34	2.23	2.30	2.50	2.61	2.58	2.71	2.71	2.69	2.88	2.53
Bawal Hitam	1.57	1.52	1.43	1.41	1.37	1.33	1.38	1.41	1.49	1.49	1.55	1.55	1.46
Tenggiri	1.59	1.52	1.43	1.45	1.42	1.41	1.38	1.39	1.47	1.46	1.41	1.50	1.45
Parang2	1.34	1.29	1.27	1.33	1.28	1.27	1.27	1.32	1.34	1.32	1.35	1.39	1.31
Chincharu	.60	.59	.62	.64	.57	.61	.60	.60	.61	.63	.62	.65	.61
Kembong	.51	.48	.53	.45	.44	.48	.53	.50	.52	.54	.55	.57	.51
Kedera/Belanak	.36	.53	.34	.34	.30	.50	.74	.37	.45	.40	.36	.28	.42
Merah	.87	.86	.91	.91	.84	.80	.72	.72	.76	.73	.76	.75	.80
Gelama	.54	.49	.44	.47	.41	.40	.44	.39	.42	.42	.42	.41	.44
Selar	.86	.85	.86	.83	.80	.90	.89	.89	.96	.94	.86	.90	.88
Tamban	.36	.38	.39	.39	.35	.33	.26	.30	.31	.30	.30	.31	.33
Prawn - besar (large)	2.87	2.83	2.83	2.90	2.70	2.82	2.82	2.86	2.68	2.95	2.93	2.96	2.85

Note: Average Prices in Penang, Ipoh, Kuala Lumpur and Malacca Markets.

Source: Federal Agricultural Marketing Authority (FAMA)

ckk/rb

Jadual 13
(Table 13)

MALAYSIA BARAT (WEST MALAYSIA)

HARGA BORONG PURATA IKAN BASAH DI-PASAR BAGI TIAP2 SA-KATI MENGIKUT BULANAN - 1970

(Monthly Average Wholesale Market Prices of Fresh Fish - 1970)

Types of Fish	January $	February $	March $	April $	May $	June $	July $	August $	September $	October $	November $	December $	Average For 1970
Kurau - potong (cut)	1.59	1.54	1.57	1.64	1.66	1.57	1.44	1.73	1.67	1.71	1.75	1.54	1.62
Senangin	1.62	1.59	1.63	1.71	1.70	1.69	1.77	1.75	1.75	1.77	1.73	1.81	1.71
Bawal Puteh	2.09	2.06	2.12	2.13	2.09	2.24	2.32	2.38	2.39	2.48	2.46	2.73	2.29
Bawal Hitam	1.41	1.35	1.30	1.27	1.22	1.11	1.16	1.18	1.21	1.29	1.33	1.38	1.27
Tenggiri	1.44	1.34	1.30	1.32	1.27	1.21	1.18	1.17	1.21	1.23	1.22	1.33	1.27
Parang2	1.16	1.07	1.11	1.18	1.08	1.06	1.05	1.08	1.15	1.11	1.12	1.21	1.12
Chincharu	.48	.47	.50	.50	.45	.45	.44	.44	.45	.47	.47	.52	.47
Kembong	.42	.35	.38	.32	.31	.33	.35	.35	.37	.38	.39	.41	.36
Kedera/Belanak	.20	.52	.28	.23	.27	.28	.30	.24	.32	.24	.29	.16	.28
Merah	.74	.80	.81	.79	.71	.64	.58	.56	.58	.58	.59	.59	.66
Gelama	.41	.31	.35	.32	.28	.27	.30	.28	.29	.31	.29	.28	.31
Selar	.79	.66	.70	.68	.68	.74	.66	.67	.75	.76	.70	.75	.71
Tamban	.22	.23	.26	.24	.24	.18	.14	.15	.14	.16	.16	.18	.19
Prawns - besar (large)	2.46	2.42	.260	2.62	2.48	2.41	2.35	2.41	2.56	2.63	2.62	2.68	2.52

Note: Average Prices in Penang, Ipoh, Kuala Lumpur and Malacca Markets.

Source: Federal Agricultural Marketing Authority (FAMA)

ckk/rb

~~MALAYSIA BARAT (WEST MALAYSIA)~~

(Table 14)

HARGA2 RUNCHIT IKAN LAUT DI-PASAR - 1970

(Retail Market Values of Marine Fish - 1970)

STATE	GRADE I		GRADE II		GRADE III		OCEANIC TUNA AND OTHER OCEANIC FISH		MANURE FISH		SHELLFISH		TOTAL	
	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$
Perlis	3,825	665,550	10,496	640,256	71,750	3,085,250	-	-	986	4,930	-	-	87,057	4,395,986
Kedah	14,940	2,599,560	47,651	2,906,711	328,634	14,131,262	-	-	81,895	409,475	4,249	42,490	477,369	20,089,498
Penang	73,824	12,845,376	134,063	8,177,843	235,341	10,119,663	28,856	3,137,086	166,696	833,480	-	-	638,780	35,113,448
Perak	52,674	9,165,276	365,576	22,300,136	541,620	23,289,660	-	-	241,900	1,209,500	480,750	4,807,500	1,682,520	60,772,072
Selangor	37,982	6,608,868	266,383	16,249,363	230,836	9,925,948	-	-	178,391	891,955	49,599	495,990	763,191	34,172,124
Negeri Sembilan	3,383	588,642	1,988	121,268	1,134	48,762	-	-	-	-	-	-	6,505	758,672
Malacca	17,774	3,092,676	3,247	198,067	4,887	210,141	-	-	4,091	20,455	-	-	29,999	3,521,339
Kelantan	32,354	5,629,596	12,835	782,935	63,089	2,712,827	-	-	3,089	15,445	-	-	111,367	9,140,803
Trengganu	62,447	10,865,778	46,143	2,814,723	240,605	10,346,015	-	-	6,010	30,050	-	-	355,205	24,056,566
Pahang	12,426	2,162,124	12,981	791,841	93,399	4,016,157	-	-	19,902	99,510	-	-	138,708	7,069,632
Johore - East	31,987	5,565,738	72,484	4,421,524	183,155	7,875,665	-	-	178,212	891,060	-	-	465,838	18,753,987
Johore - West	40,031	6,965,394	28,045	1,710,745	66,383	2,654,469	-	-	53,173	265,865	-	-	187,632	11,796,473
T O T A L:-	383,647	66,754,578	1,001,892	61,115,412	2,060,833	88,615,819	28,856	3,137,086	934,345	4,671,725	534,598	5,345,980	4,944,171	229,640,600

Note: (1) Grade I includes bawal (puteh and hitam), jenahak, kerapu, merah, parang2, senangin and tenggiri.
Grade II " alu2, chermin, chincharu, delah, demudok, dengkis, gerong2, gerut2, kachi, kerepoh, lidah, pelata, puput, remong, selar, shrumbu, terubok, udang, udang galah, sotong and ketam.
Grade III " Aya, aruan tasek, bilis, belanak (kedera), biji nangka, daun bahru, duri, gelama, jebong, kembong, kerisi, kerisi bali, kikek, malong, mengkerong , pari, selangat, Selar kuning, selar puchat, selayang, semilang, talang, tamban, timah, udang baring, yu, ikan champor and bayan.

(2) Grade I price at $1.74 per katty is calculated from the average prices of bawal (puteh and hitam), kurau (cut), merah (cut), parang2, senangin and tenggiri.
Grade II price at 61 cents per katty is the average price of chincharu.
Grade III price at 43 cents per katty is calculated from the average prices of belanak (kedera), gelama, kembong and tamban.

Tuna and Other Oceanic Fish priced at $108.72 per picul or $1,826.01 per ton.

(3) The average prices for Grades I, II and III are calculated from prices collected twice weekly in Penang, Ipoh , Kuala Lumpur and Malacca by Federal Agricultural Marketing Authority.

(4) Prices of Manure Fish and Shellfish are estimated.

CYK/lly.

HARGA2 BORONG IKAN LAUT DI-PASAR - 1970. (Table 15)

(Wholesale Market Values of Marine Fish - 1970)

STATE	GRADE I		GRADE II		GRADE III		OCEANIC TUNA AND OTHER OCEANIC FISH		MANURE FISH		SHELLFISH		TOTAL	
	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$
Perlis	3,825	543,150	10,496	493,312	71,750	2,080,750	-	-	986	3,451	-	-	87,057	3,120,663
Kedah	14,940	2,121,480	47,651	2,239,597	326,634	9,530,386	-	-	81,895	286,633	4,249	25,494	477,369	14,203,590
Penang	73,824	10,483,008	134,063	6,300,961	235,341	6,824,889	28,856	3,137,086	166,696	583,436	-	-	638,780	27,329,380
Perak	52,674	7,479,708	365,576	17,182,072	541,620	15,706,980	-	-	241,900	846,650	480,750	2,884,500	1,682,520	44,099,910
Selangor	37,962	5,393,444	266,383	12,520,001	230,836	6,694,244	-	-	178,391	624,369	49,599	297,594	763,191	25,529,652
Negeri Sembilan	3,383	480,386	1,988	93,436	1,134	32,886	-	-	-	-	-	-	6,505	606,708
Malacca	17,774	2,523,908	3,247	152,609	4,867	141,723	-	-	4,091	14,319	-	-	29,999	2,832,559
Kelantan	32,354	4,594,268	12,835	603,245	63,089	1,829,581	-	-	3,069	10,812	-	-	111,367	7,037,906
Trengganu	62,447	8,867,474	46,143	2,168,721	240,605	6,977,545	-	-	6,010	21,035	-	-	355,205	18,034,775
Pahang	12,426	1,764,492	12,981	610,107	93,399	2,708,571	-	-	19,902	69,657	-	-	138,708	5,152,827
Johore - East	31,987	4,542,154	72,484	3,406,748	183,155	5,311,495	-	-	178,212	623,742	-	-	465,838	13,864,139
Johore - West	40,031	5,684,402	28,045	1,318,115	66,383	1,925,107	-	-	53,173	186,106	-	-	187,632	9,113,730
T O T A L:-	363,647	54,477,874	1,001,892	47,088,924	2,060,833	59,764,157	28,856	3,137,086	934,345	3,270,210	534,598	3,207,588	4,944,171	170,945,839

Note:- (1) Grade I includes bawal (puteh and hitam), jenahak, kerapu, merah, parang2, senangin and tenggiri.
Grade II " alu2, chermin, chincharu, delah, demudok, dengkis, gerong2, gerut2, kachi, kerepoh, lidah, pelata, puput, remong, selar, shrumbu, terubok, udang, udang galah, sotong and ketam.
Grade III " aye, aruan tasek, bilis, belanak (kedera), biji nangka, daun bahru, duri, gelama, jebong, kembong, kerisi, kerisi bali, kikek, mengkerong, malong, pari, selangat, selar kuning, selar pushat, selayang, semilang, talang, tamban, timah, udang baring, yu, ikan champor and bayam.

(2) Grade I price at $1.42 per katty is calculated from the average prices of bawal (puteh and hitam), kurau (cut), merah (cut), parang2, senangin and tenggiri.
Grade II price at 47 cents per katty is the average price of chincharu.
Grade III price at 29 cents per katty is calculated from the average prices of belanak (kedera), gelama, kembong and tamban.
Tuna and Other Oceanic Fish: priced at $106.72 per picul or $1,826.01 per ton.

(3) The average prices for Grade I, II and III are calculated from prices collected twice weekly in Penang, Ipoh, Kuala Lumpur and Malacca by Federal Agricultural Marketing Authority.

(4) Prices of Manure Fish and Shellfish are estimated.

CY/lly.

Jadual 16
(Table 16)

MALAYSIA BARAT (WEST MALAYSIA)

BILANGAN NELAYAN2 YANG DI-LESEN - 1970

(Number of Fishermen Licensed - 1970)

Bangsa (Race) / Negeri (State)	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore		JUMLAH (TOTAL)
											East	West	
Malays	1,214	3,954	2,247	1,892	532	140	632	5,316	10,778	2,344	3,988	3,435	36,472
Chinese	81	1,824	3,304	13,497	6,324	239	796	-	-	36	1,711	3,266	31,078
Indians	-	7	45	117	67	12	2	-	-	-	-	3	253
Others	229	30	14	-	-	3	49	-	-	-	26	-	351
JUMLAH(TOTAL):-	1,524	5,815	5,610	15,506	6,923	394	1,479	5,316	10,778	2,380	5,725	6,704	68,154

MALAYSIA BARAT (WEST MALAYSIA)

BILANGAN BOT2 NELAYAN YANG DI-LESEN - 1970

(Number of Fishing Boats Licensed - 1970)

Jenis Perahu (Types of Boats) / Negeri (State)	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore		JUMLAH (TOTAL)
											East	West	
Non-Powered	158	533	257	594	291	81	116	509	661	140	788	1,149	5,277
Powered-Outboard	40	177	589	154	61	32	129	126	15	49	223	569	2,164
Powered-Inboard	153	575	748	3,646	2,308	63	415	844	1,776	445	822	1,070	12,865
JUMLAH(TOTAL):-	351	1,285	1,594	4,394	2,660	176	660	1,479	2,452	634	1,833	2,788	20,306

MALAYSIA BARAT(WEST MALAYSIA)

Jadual 17-A
(Table 17-A)

RENGKASAN BAGI BOT2 BERJENTERA DALAM YANG DI-LESENKAN DALAM TAHUN, 1970.

(SUMMARY OF INBOARD POWERED FISHING BOATS REGISTERED IN 1970)

BUTIR2 (DESCRIPTION)	Perlis	Kedah	P.Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johore		JUMLAH (TOTAL)
											Barat (West)	Timor (East)	
n Panjang th of Boats)													
25 feet	4	2	47	379	63	2	23	220	180	47	167	103	1,237
39 "	57	205	388	2,500	1,592	59	387	550	1,489	388	862	491	8,968
54 "	48	147	168	623	635	2	4	68	93	10	41	211	2,050
& over	44	221	145	144	18	-	1	6	14	-	-	17	610
(Total):-	153	575	748	3,646	2,308	63	415	844	1,776	445	1,070	822	12,865
Berat (Tonnage (Formula $\frac{L \times B \times D \times 0.8}{100}$)													
5 tons	36	126	198	1,837	469	17	123	334	445	173	703	292	4,753
4 "	32	135	309	1,176	1,568	46	288	449	1,269	265	357	387	6,281
9 "	45	125	83	307	237	-	4	55	49	7	10	130	1,052
4 "	37	138	80	274	31	-	-	3	10	-	-	11	584
9 "	3	51	76	47	3	-	-	2	3	-	-	2	187
& over	-	-	2	5	-	-	-	1	-	-	-	-	8
(Total):-	153	575	748	3,646	2,308	63	415	844	1,776	445	1,070	822	12,865
an Kuda (H.P. of Engine)													
5 h.p.	11	54	21	226	138	13	36	235	246	33	412	152	1,577
9 "	35	97	208	1,347	636	45	311	324	727	203	479	227	4,639
9 "	10	38	71	500	578	4	57	135	563	148	91	126	2,321
9 "	11	36	174	867	547	-	8	111	172	51	74	97	2,148
9 "	11	14	29	45	83	-	-	32	44	3	4	52	317
9 "	23	31	45	95	135	1	3	5	17	2	10	98	465
9 "	22	26	26	100	94	-	-	-	1	2	-	33	304
. & over	30	279	174	466	97	-	-	2	6	3	-	37	1,094
(Total):-	153	575	748	3,646	2,308	63	415	844	1,776	445	1,070	822	12,865
yang di-gunakan (Gears employed)													
Stakes Large	1	-	-	19	-	-	-	-	-	-	20	-	40
Stakes Small	13	15	4	4	-	-	-	-	-	-	13	47	96
lets	64	191	245	1,359	87	-	-	80	292	30	15	17	2,380
ift Nets	19	103	172	1,431	1,662	59	399	176	281	149	876	258	5,585
ts	1	46	1	39	180	-	-	83	232	25	-	101	708
ts	-	-	-	1	-	-	-	-	-	-	1	-	2
s	-	-	15	200	156	-	-	-	-	-	71	41	483
Nets	-	-	-	-	7	-	-	-	-	-	24	1	32
	8	42	71	203	123	3	12	317	782	216	18	283	2,078
Pots	6	27	52	155	5	1	1	54	123	11	19	37	491
sh Collection	-	-	-	90	3	-	-	-	-	-	-	-	93
aneous	2	-	-	8	10	-	-	-	-	-	-	-	20
	-	130	168	94	-	-	-	127	18	14	-	29	580
rrier	39	21	20	43	75	-	3	7	48	-	13	8	277
(Total):-	153	575	748	3,646	2,308	63	415	844	1,776	445	1,070	822	12,865

Jadual 17-8
(Table 17-8)

MALAYSIA BARAT(WEST MALAYSIA)

RENGKASAN BAGI BOT2 BERJENTERA SANGKUT YANG DI-LESENKAN DALAM TAHUN, 1970.

(SUMMARY OF OUTBOARD POWERED FISHING BOATS REGISTERED IN 1970)

BUTIR2 (DESCRIPTION)	Perlis	Kedah	P.Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johore		JUMLAH (TOTAL)
											Barat (West)	Timor (East)	
n Panjang th of Boats)													
25 feet	35	117	566	143	60	31	127	52	13	37	540	216	1,937
39 "	5	60	23	11	1	1	2	74	2	12	29	7	227
54 "	-	-	-	-	-	-	-	-	-	-	-	-	-
et & over	-	-	-	-	-	-	-	-	-	-	-	-	-
H AL):-	40	177	589	154	61	32	129	126	15	49	569	223	2,164
tan Kuda (H.P. of Engine)													
5h.p.	40	146	549	124	38	27	116	2	7	24	494	191	1,758
9 "	-	30	31	29	21	5	13	67	8	24	38	25	291
19 "	-	1	7	1	2	-	-	56	-	4	27	7	102
39 "	-	-	1	-	-	-	-	1	-	-	9	-	11
59 "	-	-	1	-	-	-	-	-	-	-	1	-	2
79 "	-	-	-	-	-	-	-	-	-	-	-	-	-
99 "	-	-	-	-	-	-	-	-	-	-	-	-	-
.p. & over	-	-	-	-	-	-	-	-	-	-	-	-	-
H L):-	40	177	589	154	61	32	129	126	15	49	569	223	2,164
2 yang di-gunakan (Gears employed).													
ng Stakes ge)	-	-	-	-	-	-	1	-	-	-	28	4	33
ng Stakes ll)	2	6	4	1	2	-	-	-	-	-	26	6	47
Nets	5	7	10	31	-	1	2	10	2	16	15	1	100
Drift Nets	17	86	265	42	10	9	53	31	1	20	242	21	797
Nets	-	2	-	-	-	-	-	15	1	5	-	6	29
Nets	-	-	17	1	18	-	-	-	-	-	11	-	47
ets	-	9	144	26	2	-	-	-	-	-	4	55	240
er Nets	-	2	-	-	2	-	-	-	-	-	15	4	23
	16	64	141	21	23	22	73	68	8	8	189	118	751
& Pots	-	-	2	-	1	-	-	-	-	-	9	2	14
ffish ection	-	-	-	12	-	-	-	-	-	-	-	-	12
llaneous	-	-	5	19	3	-	-	-	-	-	11	6	44
er	-	-	-	-	-	-	-	-	-	-	-	-	-
Carrier	-	1	1	1	-	-	-	2	3	-	19	-	27
H L):-	40	177	589	154	61	32	129	126	15	49	569	223	2,164

Jadual 17-C
(Table 17-C)

MALAYSIA BARAT (WEST MALAYSIA)

RENGKASAN BAGI BOT2 TIDAK BERJENTERA YANG DI-LESENKAN DALAM TAHUN, 1970.

(SUMMARY OF NON-POWERED FISHING BOATS REGISTERED AS IN 1970)

BUTIR2 (DESCRIPTION)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johore		JUMLAH (TOTAL)
											Barat (West)	Timor (East)	
koran Panjang (Length of Boats)													
nder 25 ft.	136	450	241	558	215	78	114	349	564	87	1,145	753	4,690
5 - 39 "	15	77	16	35	54	2	2	156	94	53	4	32	540
0 - 54 "	7	5	-	1	20	1	-	3	3	-	-	3	43
5 ft & over	-	1	-	-	2	-	-	-	-	-	-	-	3
nknown	-	-	-	-	-	-	-	1	-	-	-	-	1
UMLAH TOTAL) :-	158	533	257	594	291	81	116	509	661	140	1,149	788	5,277
ukat2 yang di-gunakan (Gears employed)													
ishing Stakes (Large)	-	-	-	1	-	-	3	-	-	-	2	3	9
ishing Stakes (Small)	7	16	9	10	3	-	10	-	-	-	9	5	69
ine Nets	14	76	22	90	2	6	8	71	116	36	26	16	483
ll/Drift Nets	55	55	46	46	14	13	38	77	13	20	79	5	461
ft Nets	-	-	-	-	-	-	-	96	103	47	-	137	383
sh Nets	8	2	8	12	20	-	1	-	1	-	15	1	68
g Nets	-	35	16	11	69	-	-	-	-	-	3	11	145
rrier Nets	-	-	-	1	12	-	-	-	-	-	60	9	82
nes	48	320	144	225	117	57	56	264	428	37	860	552	3,108
aps & Pots	1	3	10	3	-	-	-	-	-	-	14	6	37
llfish llection	-	6	-	44	2	-	-	-	-	-	3	-	55
cellaneous	24	17	2	127	39	5	-	1	-	-	74	43	332
wler	-	-	-	-	-	-	-	-	-	-	-	-	-
h Carrier	1	3	-	24	13	-	-	-	-	-	4	-	45
LAH TAL) :-	158	533	257	594	291	81	116	509	661	140	1,149	788	5,277

- 53 -

$/lly.

BILANGAN BOT2 BERJENTERA MENGIKUT NEGERI DARI MANA JENTERA BERASAL DALAM TAHUN, 1970.

(NUMBER OF POWERED BOATS BY STATE AND BY COUNTRY OF ORIGIN OF ENGINE, 1970)

Jadual - 18
(Table - 18)

STATE	Perlis		Kedah		Penang		Perak		Selangor		N.Sembilan		Malacca		Kelantan		Trengganu		Pahang		Johore West		Johore East		TOTAL	
COUNTRY	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard	Inboard	Outboard
America	2	-	17	43	19	46	76	31	11	40	-	7	-	21	-	124	-	15	1	47	-	161	-	44	126	579
Australia	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	3	1
British	68	37	330	103	337	430	1,360	79	469	18	-	-	-	-	41	2	24	-	41	2	-	-	-	-	2,670	671
Denmark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	6	-	8	-
Germany	6	-	19	-	100	11	276	-	51	-	-	-	1	-	27	-	80	-	8	-	3	-	21	-	592	11
Hong Kong	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Japan	69	1	186	3	239	19	1,854	5	1,692	1	58	-	398	4	758	-	1,669	-	391	-	1,015	32	621	4	8,950	69
Norway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-
Sweden	6	2	13	24	14	83	38	38	7	1	-	-	1	-	16	-	1	-	3	-	2	-	6	-	107	148
United Kingdom	-	-	-	-	-	-	-	-	-	-	5	25	15	104	-	-	-	-	-	-	33	376	135	174	188	679
Others	1	-	10	4	28	-	40	-	78	-	-	-	-	-	1	-	-	-	-	-	1	-	21	-	180	4
Unknown	1	-	-	-	11	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	14	-	12	1	38	2
TOTAL:-	153	40	575	177	748	589	3,646	154	2,308	61	63	32	415	129	844	126	1,776	15	445	49	1,070	569	822	223	12,865	2,164

MALAYSIA BARAT (WEST MALAYSIA)

Jadual 19
(Table 19)

PERKAKAS MENANGKAP IKAN YANG DI-LESENKAN - 1970

(Fishing Gears Licensed - 1970)

Kumpulan Perkakas (Gear Group)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johore		JUMLAH (TOTAL)
											Timor (East)	Barat (West)	
Belat2 Besar (Fishing Stakes Large)	-	-	-	13	5	-	9	-	-	14	165*	282*	488
Belat2 Kechil (Fishing Stakes Small)	-	22	22	31	2	1	12	-	-	-	-	-	90
Pukat2 Tarek (Seine Nets)	67	146	265	1,108	76	7	13	73	128	38	22	72	2,015
Jaring2 Hanyut (Gill/Drift Nets)	86	202	458	1,431	1,637	77	519	342	305	315	337	1,141	6,850
Pukat2 Tanggok (Lift Nets)	1	40	-	28	173	-	-	53	55	21	78	10	459
Pukat2 Surong (Push/Scoop Nets)	-	-	-	-	-	-	-	3	-	-	-	-	3
Pukat2 Bakul (Bag Nets)	-	151	178	278	584	-	-	-	-	3	292	116	1,602
Pukat2 Rentang (Barrier Nets)	-	10	-	2	15	3	5	-	-	-	27	52	114
Panching (Lines)	15	17	90	112	113	-	32	-	-	224	49	75	727
Bubu (Traps & Pots)	6	27	59	133	5	12	2	195	143	28	57	61	728
Memungut Siput (Shellfish)	-	-	55	896	69	-	-	-	-	-	-	3	1,023
Rampaian (Miscellaneous)	-	2	7	95	54	7	-	-	-	-	-	-	165
Pukat2 Tunda (Trawl Nets)	14	327	228	30	-	-	-	205	125	155	265	-	1,349
JUMLAH (TOTAL)	189	944	1,362	4,157	2,733	107	592	871	756	798	1,292	1,812	15,613

Mi/lly.

* Besar dan Kechil (Large and Small).

MALAYSIA BARAT (WEST MALAYSIA)

(Table 20)

ANGGARAN PERKAKAS2 MENANGKAP IKAN YANG DI-USAHAKAN - 1970

(Estimated Fishing Gears in Operation - 1970)

Kumpulan Perkakas (Gear Group)	Perlis	Kedah	Pulau Pinang (Penang)	Perak	Selangor	Negeri Sembilan	Melaka (Malacca)	Kelantan	Trengganu	Pahang	Johor (Johore)	JUMLAH (Total)
elat2 Besar (Fishing Stakes Large)	-	-	12	15	3	-	9	-	-	14	239	292
elat2 Kechil (Fishing Stakes Small)	8	19	18	32	-	-	9	-	-	-	123	209
ukat2 Tarek (Seine Nets)	85	134	288	898	76	8	36	44	110	40	150	1,869
aring2 Hanyut (Gil/Drift Nets)	152	199	515	732	858	70	484	254	321	322	1,119	5,026
ukat2 Tanggok (Lift Nets)	-	37	-	5	26	-	-	51	89	42	42	292
ukat2 Surong (Push/Scoop Nets)	25	-	159	39	33	-	115	-	10	-	110	491
ukat2 Bakul (Bag Nets)	-	45	213	239	152	-	-	-	-	3	383	1,035
ukat2 Rentang (Barrier Nets)	-	-	-	-	18	2	4	-	-	-	85	109
anching (Lines)	60	179	242	326	199	68	103	185	750	259	390	2,761
Bubu (Traps)	7	21	71	47	7	12	6	51	133	34	79	468
Memungut Siput (Shellfish)	-	38	-	270	62	-	-	-	-	-	-	370
Rampaian (Miscellaneous)	40	18	30	229	68	11	22	100	460	-	250	1,228
Pukat2 Tunda (Trawl Nets)	32	191	178	1,282	800	-	-	193	273	232	367	3,548
JUMLAH (TOTAL):	409	881	1,726	4,114	2,302	171	788	878	2,146	946	3,337	17,698

MALAYSIA BARAT(WEST MALAYSIA)

HASIL PERIKANAN- 1970 (Fisheries Revenue - 1970)

Jadual 21
(Table 21)

STATE	STATE					FEDERAL							GRAND TOTAL
	Boats	Fishing	No.Plate	Miscellaneous	TOTAL	Fisheries Sale(Fish & No. Board)	Miscellaneous (Transfer and Search Fee)	Cold Rooms	Rent on Halting Bungalows	Compounding of Offences	Acquarium Entry Fee	TOTAL	
	$	$	$	$	$	$	$	$	$	$	$	$	$
Perlis	2,486.97	350.00	351.00	-	3,187.97	-	35.00	-	-	-	-	35.00	3,222.97
Kedah	11,350.29	13,305.00	1,286.00	-	25,941.29	3.00	359.00	-	-	4,200.00	-	4,562.00	30,503.29
Penang	11,543.99	2,258.00	1,593.00	-	15,394.99	-	455.00	-	-	11,550.00	124,694.50	136,699.50	152,094.49
Perak	36,238.84	10,696.00	4,394.00	-	51,328.84	30.00	943.00	-	-	-	-	973.00	52,301.84
Selangor	19,529.47	5,606.00	2,686.00	-	27,821.47	-	375.50	-	-	200.00	-	575.50	28,396.97
Negeri Sembilan	373.17	232.00	176.00	-	781.17	-	27.00	-	-	-	-	27.00	808.17
Malacca	1,865.74	1,427.00	661.00	-	3,953.74	3.00	123.50	-	-	-	-	126.50	4,080.24
Kelantan	4,925.89	3,392.00	1,486.00	-	9,803.89	-	182.00	7,711.49	-	-	-	7,893.49	17,697.38
Trengganu	9,798.70	3,081.00	2,458.00	-	15,337.70	-	410.50	14,233.00	308.00	-	-	14,951.50	30,289.20
Pahang	2,368.68	3,713.00	634.00	-	6,715.68	-	55.50	8,570.90	148.00	-	-	8,774.40	15,490.08
Johore	14,549.69	20,399.00	4,625.00	-	39,573.69	87.00	520.08	-	-	-	-	607.08	40,180.77
TOTAL:-	115,031.43	64,459.00	20,350.00	-	199,840.43	123.00	3,486.08	30,515.39	456.00	15,950.00	124,694.50	175,224.97	375,065.40

ckk/lly.

* Sewa Bot Kerajaan.

*(Hire of Government launches)

Jadual 22
(Table 22)

MALAYSIA BARAT (WEST MALAYSIA)

KILANG2 AYER BATU DAN KEMUDAHAN2 PENYEJOK DI-TARIKH 31.12.1970

(Ice Factories and Refrigeration Facilities as at 31.12.1970)

STATE	ICE FACTORIES						COLD STORAGE ESTABLISHMENTS			Total Storage Capacity	
	No.	Daily Production Capacity			Storage Capacity		No.	Storage Capacity			
		Tons	Blocks	Pounds per block	Ice (Tons)	Fish (Tons)		Ice (Tons)	Fish (Tons)	Ice (Tons)	Fish (Tons)
erlis	2	144	1,390	224-300	315	-	1	20	-	335	-
edah	4	135	1,350	224	188	39	10	298	89	486	128
enang	6	336	2,478	224-320	1,103	3,305	4	-	240	1,103	3,545
erak	16	410	3,815	220-340	1,273	1,645	14	328	485	1,601	2,130
elangor	12	232	2,144	60-310	278	3,147	6	397	1,192	675	4,339
egeri Sembilan	1	40	400	224	15	21	-	-	-	15	21
lalacca	2	65	455	320-335	160	200	1	-	225	160	425
elantan	12	82	1,108	25-224	153	84	-	-	-	153	84
rengganu	3	48	460	224-300	84	51	6	19	135	103	186
ahang	5	64	826	19-224	109	47	1	4	3	113	50
Johore	5	154	1,498	224-320	118	160	9	126	106	244	266
TOTAL:	68	1,710	15,924	-	3,796	8,699	52	1,192	2,475	4,988	11,174

LTY/rb

MALAYSIA BARAT (WEST MALAYSIA)

Jadual 23
(Table 23)

BILANGAN NELAYAN DAN PENTERNAK IKAN YANG DI-LATEH - 1970

(Number of Fishermen dan Fish Farmers Trained - 1970)

State	Number of Fishermen Trained			No. of Fish Farmers attending Fish Culture Course at Fish Breeding Station Bukit Tinggi, Pahang.
	Marine Fisheries School Penang*	Marine Fisheries School Kuala Trengganu #	Total	
Perlis	2	-	2	-
Kedah	2	-	2	11
Penang	3	-	3	3
Perak	4	-	4	29
Selangor	5	-	5	21
Negeri Sembilan	-	-	-	25
Malacca	2	-	2	11
Kelantan	1	5	6	15
Trengganu	1	26	27	13
Pahang	1	7	8	21
Johore	3	5	8	31
Sarawak	4	15	19	-
TOTAL:	28	58	86	180

cyk.

* One 10-Month Course

Two 5-Month Courses

MALAYSIA BARAT (WEST MALAYSIA)

BILANGAN KOLAM IKAN - 1970

(Number of Fish Ponds - 1970)

Jadual 24
(Table 24)

STATE	New Ponds in 1970		Fish Ponds in operation as at 31.12.1970.	
	Number	Acreage	Number	Acreage
Perlis	7	0.72	23	4.82
Kedah	23	1.83	211	63.21
Penang	7	3.37	35	13.61
Perak	446	1,074.31	2,062	3,926.07
Selangor	84	142,99	641	922.57
Negeri Sembilan	95	30.04	1,661	535.64
Malacca	22	9.51	262	89.85
Kelantan	37	5.53	77	21.62
Trengganu	8	1.25	46	8.58
Pahang	62	24.89	105	28.81
Johore	105	46.21	927	293.98
TOTAL:-	896	1,340.65	6,050	5,908.76

LTC/lly.

MALAYSIA BARAT (WEST MALAYSIA)

Jadual 25
(Table 25)

PENGELUARAN BENEH IKAN OLEH PUSAT2 PENGELUARAN - 1970

(Fish Fry Production By Station - 1970)

SOURCES	SPECIES OF FISH FRY																
	Lampam Jawa	Lee Koh	Tilapia (Hybrid)	Kalui	Temakang	Grass Carp	Big Head Carp	Silver Carp	Udang Galah	Chik Hu	Japanese Carp	Sepat Siam	Lampam Siam	Grass Carp X Big Head Carp	Mud Carp	Keli	TOTAL
Fish Breeding Station, Enggor, Perak.	1,718,621	210,994	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1,929,617
Fish Breeding Station, Tapah, Perak.	1,759,156	339,698	7,042	102	24	-	-	-	-	-	-	-	-	-	-	-	2,106,022
Fish Breeding Station, Bukit Tinggi, Pahang.	1,894,897	175,156	73,166	8	6	1	1,483	30	271	-	50	6	92	10	5	-	2,145,181
Fish Culture Experimental Station, Cameron Highlands.	-	54,000	-	-	-	-	-	-	-	600	-	-	-	-	-	-	54,600
Fish Breeding Station, Machang.	25,500	-	-	-	-	-	-	-	-	-	-	7,100	-	-	-	-	32,600
Fisheries Research Institute, Glugor.	-	-	-	-	-	-	-	-	18,000	-	-	-	-	-	-	200	18,200
Inland Fisheries Extension Scheme.	-	-	-	-	-	276	474	-	-	-	-	-	-	-	-	-	750
Contributed by Farmers	-	8,000	-	-	-	-	-	-	-	-	-	200	-	-	-	-	8,200
TOTAL:-	5,398,174	787,848	80,210	110	30	277	1,957	30	18,271	600	50	7,306	92	10	5	200	6,295,170

MALAYSIA BARAT (WEST MALAYSIA)

PEMBAHAGIAN BENIH IKAN AYERTAWAR - 1970

(Distribution Of Freshwater Fish Fry - 1970)

Jadual 26
(Table 26)

STATE	FARMERS									STOCKING IN OPEN AND IMPOUNDED WATER						RESEARCH AND MISCELLANEOUS PURPOSES											GRAND TOTAL
	Lampam Jawa	Lee Koh	Tilapia (Hybrid)	Kalui	Udang Galah	Grass Carp	Big Head Carp	Others*	TOTAL	Lampam Jawa	Lee Koh	Tilapia (Hybrid)	Udang Galah	Others*	TOTAL	Lampam Jawa	Lee Koh	Tilapia (Hybrid)	Kalui	Temakang	Grass Carp	Big Head Carp	Silver Carp	Udang Galah	Others*	TOTAL	
Perlis	1,071	460	-	-	-	-	-	-	1,531	89,000	-	-	-	-	89,000	4	8	-	4	4	-	-	-	-	-	20	90,551
Kedah	15,845	5,315	-	6	-	-	-	-	21,166	366,000	-	-	-	-	366,000	54	54	-	-	-	-	-	-	-	-	108	387,274
Penang	2,970	1,625	-	-	7,500	-	-	-	12,095	26,000	-	-	-	-	26,000	64	64	4	2	2	-	-	5	264	57	462	38,557
Perak	1,477,242	517,520	7,016	80	4,500	-	-	200	2,006,558	1,324,500	10,700	-	2,000	600	1,337,800	76	58	24	10	18	-	-	-	-	20	206	3,344,564
Selangor	199,600	59,400	2,495	-	-	40	235	-	261,970	353,390	23,200	-	-	-	376,590	448	22	41	-	-	-	-	-	-	40	551	639,111
Negeri Sembilan	80,600	34,160	17,848	-	-	-	540	-	133,148	335,000	200	-	-	-	335,200	215	225	215	-	-	-	-	-	-	-	655	469,003
Malacca	16,700	4,605	5,495	-	4,000	-	480	-	31,280	121,000	-	-	-	-	121,000	10	20	10	-	-	-	-	-	-	10	50	152,330
Kelantan	24,431	11,763	-	-	-	236	464	-	36,894	59,420	100	-	-	1,000	60,520	52	32	8	-	-	-	25	23	-	210	350	97,764
Trengganu	1,625	770	130	-	-	-	-	-	2,525	-	-	-	-	6,100	6,100	-	-	-	-	-	-	-	-	-	-	-	8,625
Pahang	100,245	32,805	25,995	-	-	-	-	-	159,045	566,120	58,785	68	-	-	624,973	512	9	6	8	6	1	3	2	-	6	553	784,571
Johore	68,010	25,903	20,055	-	-	-	200	-	114,968	167,500	-	-	-	-	167,500	70	45	-	-	-	-	10	-	-	20	145	282,613
Foreign Country	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-	7	-	207	207
TOTAL:-	1,988,539	694,326	79,034	86	16,000	276	1,919	200	2,781,180	3,407,930	92,985	68	2,000	7,700	3,510,683	1,705	537	308	24	30	1	38	30	271	363	3,307	6,295,170

* Others include Chik Hu, Japanese Carp, Sepat Siam, Lampam Siam, Mud Carp, Keli and Grass Carp X Big Head Carp.

Ltc/lly.