MENU UTAMA

PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

JILID 1
1969

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K E M E N T E R I A N P E R T A N I A N D A N S H A R I K A T K E R J A S A M A

(Ministry of Agriculture and Co-operatives)

M A L A Y S I A

B A H A G I A N P E R I K A N A N

(Fisheries Division)

P E R A N G K A A N T A H U N A N

(Annual Statistics)

1 9 6 9

PENDAHULUAN

Laporan Tahunan Perangkaan ini, menunjokkan aktiviti2 tahunan Bahagian Perikanan dan di-rangkakan untok membantu pegawai2 dalam penyelidekan saintifik dan ekonomik perikanan, perkhidmatan2 lanjutan dan lain2 badan2 perikanan tempatan dan antarabangsa. Laporan ini ada-lah terhad kapada perangkaan perikanan di-Malaysia Barat sahaja. Kebanyakan perangkaan ini ada-lah di-kutip dan di-kumpulkan oleh Bahagian ini daripada bertagai2 puncha dalam pertubohan kami manakala perangkaan2 yang di-kumpulkan oleh lain2 Jabatan saperti Jabatan Perangkaan dan FAMA ada-lah saperti di-tunjokkan (acknowledged) dalam jadual2 yang berkenaan.

Dalam Bahagian ini ada dua puncha dari mana perangkaan ini di-perolehi. Satu puncha ia-lah daripada penyata2 yang di-hantarkan oleh Pegawai2 Perikanan negeri yang mana telah mengumpulkan penyata2 perangkaan yang di-hantarkan oleh Pembantu2 Perikanan-nya yang di-tempatkan di-daerah2 dalam tiap2 satu negeri di-Malaysia Barat. Puncha yang lagi satu itu ia-lah daripada rekod2 lesen2 perahu nelayan dan perkakas menangkap ikan yang di-simpan di-pejabat2 negeri.

Angka2 untok puncha yang pertama ada-lah mengikut chara2 chontoh (sampling methods) dan oleh itu ada-lah tepat dalam had2 perchontohan (limit of sampling). Pembantu2 Perikanan ada-lah bertanggong jawab bagi laporan mengenai pendaratan ikan2 laut, hasil2 perikanan yang di-perosesken, dan bilangan perahu menangkap ikan dan perkakas menangkap ikan yang di-gunakan dalam daerah2 bawah jagaan mereka. Tugas utama mereka ada-lah untok melawat kampong2 nelayan dan menemui (interview) nelayan2 yang di-pileh mengikut angka yang di-beri. Biasa-nya semasa lawatan2 ka-kampong2 nelayan ini untok tujuan melesen dan pemeriksaan di.. menanyakan kapada pengguna2 yang di-pileh mengenai bilangan perkakas menangkap yang di-gunakan dalam kampong tersebut, dan anggaran pendaratan beberapa jenis ikan dan juga harga2-nya masa pendaratan. Perangkaan boleh-lah di-perolehi dalam jadual I hingga VIII dan jadual XIVA.

Puncha yang kedua menghasilkan maalumat2 mengenai bilangan bot2 menangkap ikan, injin2, perkakas menangkap ikan, nel ayan2 dan lain ma'alumat yang di-perolehi daripada-nya. Perangkaan ini ada-lah di-perolehi daripada rekod2 melesen perahu2 nelayan dan oleh itu boleh-lah di-katakan tepat. Perangkaan yang berkenaan boleh-lah di-dapati dalam jadual XII - XIVA.

Jadual XVII ka XX menunjokkan perangkaan bagi Perikanan Darat dan ini ada-lah tergantong kapada banyak-nya kolam2 ikan dan pengeluaran benih ikan. Perangkaan2 ini ada-lah di-kumpulkan apabila penternak2 ikan datang ka-Bahagian ini untok meminta nasihat2 teknikal dan bantuan2 kebendaan.

Jadual IX; dan X dan XA hendak-lah khas-nya di-sebutkan di-sini. Puncha datang-nya ma'alumat dalam jadual mula2 itu ia-lah dari Jabatan Perangkaan dan yang berikut-nya daripada FAMA dan oleh itu angka2 itu ada-lah tertakluk kapada sebarang pertukaran mengikut chetakan yang di-keluarkan oleh kedua2 Jabatan tersebut.

Ada-lah di-dapati bahawa keperluan untok memperbaiki chara2 pemungutan perangkaan perikanan yang banyak hendak-lah seterus-nya di-usahakan. Oleh hal yang demikian tegoran2 dan shor2 yang membena (constructive criticisms and suggestions) ada-lah di-persilakan dengan pandangan untok mem-pertaiki bidang pengliputan (scope of coverage) dan juga menunjokkan kesilapan2 yang terdapat dalam chetakan ini.

PREFACE

This Annual Statistical Report indicates the yearly activities of the Division and is designed to assist officers in scientific and economic fisheries research; extension services and various other interested local bodies and international bodies in the field of fisheries. This report is mainly confined to the fisheries statistics in West Malaysia. Most of these statistics are collected and compiled by this Division from the various sources within our organisation; while those statistics compiled from other departments such as Statistics Department and Federal Agricultural Marketing Authority are duly acknowledged in the relevant tables.

There are two sources from which these statistics are obtained within the Division. One source being from the monthly statistical returns of our State Fisheries Officers who in turn compile their Statistical returns from those submitted by their Fisheries Assistants stationed in the various districts of each state in West Malaysia; the other being from the records of licences of fishing boats and fishing gears kept at the State Offices.

The figures for the first source are based on sampling methods and are therefore accurate within the limits of sampling. The Fisheries Assistants are responsible for the reports of marine fish landings, processed fisheries products, and the number of fishing boats and gears in operation, in districts under their supervision. Their main job is to visit fishing villages and interview samples of fishermen who are selected statistically. Usually during his visits to the fishing villages for licencing and inspection purposes he enquires on selected operators about the number of particular gears in operation in the village, and the estimated landings of different types of fish as well as their prices at the landing points. These statistics are available in table I to VIII and table XIVA.

The second source provides information on the number of fishing boats, engines, gears and fishermen and other informations obtained from them. These statistics are from the licensing of the fishing boats and are therefore considered to be accurate. The relevant statistics for this source are in tables XII - XIVA.

Table XVII to XX are statistics for Inland Fisheries and these are confined to number and acreage of fishing ponds, and supply of fish fry. These are collected when the fish farmers approach the Division for technical advice and material assistance.

Special mention should be made of tables IX; and tables X and XA. The source of the former table is the Statistics Department while the source for the latter is the Federal Agricultural Marketing Authority and therefore the figures are subject to alterations if any, with the publications of the two Departments concerned.

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

Gan Bon Hua
PEGAWAI PERIKANAN (PERANGKAAN)

1970

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Table I
(Jadual I)

WEST MALAYSIA

MONTHLY LANDINGS (IN PICULS) OF MARINE FISH IN 1969

BY STATES

STATES (Negeri)	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
													Piculs	Tons
Perlis	4,545	5,504	5,283	5,618	7,353	6,684	6,276	5,916	5,618	6,073	6,709	5,696	71,275	4,243
Kedah	78,809	75,687	49,429	47,429	36,100	29,951	31,298	26,406	28,213	28,257	31,671	36,189	499,439	29,728
Penang	61,678	39,534	48,804	51,757	41,890	45,550	42,878	58,010	62,609	62,634	60,442	51,580	627,366	37,343
Perak	181,347	190,969	184,765	175,221	160,607	176,528	154,475	178,347	165,483	152,012	156,015	158,689	2,034,458	121,099
Selangor	62,856	62,333	64,250	50,441	40,339	66,908	50,022	63,133	51,599	58,283	48,038	41,501	659,703	39,268
Negeri Sembilan	677	703	580	548	482	555	577	579	576	533	549	555	6,914	412
Malacca	1,778	1,833	1,958	2,461	2,347	2,715	3,388	3,093	3,297	2,883	2,342	1,661	29,756	1,771
Kelantan	3,389	9,134	8,910	7,922	8,106	8,380	8,312	10,319	11,564	8,733	2,436	1,077	88,282	5,255
Trengganu	20,134	27,993	31,595	28,424	28,663	40,316	33,323	49,324	49,805	45,203	14,140	12,603	381,523	22,710
Pahang	9,018	6,188	6,290	8,183	7,595	11,490	9,690	19,095	19,212	22,363	16,984	4,649	140,757	8,378
~~Johore-East~~	23,226	22,117	23,519	22,587	22,067	22,318	24,804	28,004	30,248	31,771	28,513	21,163	300,337	17,877
Johore-West	14,121	13,381	13,255	12,660	12,349	14,308	14,469	15,777	16,088	14,933	12,281	10,283	163,905	9,756
TOTAL - Piculs	461,578	455,376	438,638	413,251	367,898	425,703	379,512	458,003	444,312	433,678	380,120	345,646		
" - Tons	27,475	27,106	26,109	24,598	21,899	25,340	22,590	27,262	26,447	25,814	22,626	20,574	5,003,715	297,840

Note: 1 ton = 16.8 piculs

Including 929 tons of Oceanic tuna, marlin, and other fishes.

Table II
(Jadual II)

WEST MALAYSIA

MONTHLY LANDINGS (IN PICULS) OF MARINE FISH IN 1969

BY GEAR GROUPS

GEAR GROUPS	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
													Piculs	Tons
Fishing Stakes (Large)	9,310	8,569	8,547	8,941	8,660	8,532	10,195	10,614	11,148	10,696	8,897	6,282	110,391	6,571
Fishing Stakes (Small)	6,145	6,103	5,866	5,169	4,929	3,714	3,940	3,603	3,939	4,151	3,524	3,519	54,602	3,250
Seine Nets	210,623	223,277	196,373	180,860	146,166	189,639	154,607	192,716	166,276	152,194	123,364	116,872	2,052,967	122,200
Drift Nets	26,475	29,452	35,124	34,947	32,268	34,726	31,757	37,116	37,711	37,291	27,441	22,701	387,009	23,036
Lift Nets	13,882	17,908	14,007	10,744	9,352	16,530	12,458	18,804	24,633	21,572	16,512	4,539	180,941	10,770
Push Nets	1,940	2,562	2,018	1,733	1,043	924	959	1,242	1,125	1,875	1,551	1,562	18,534	1,103
Bag Nets	34,222	29,768	33,625	29,702	31,079	35,772	32,779	40,167	34,843	38,775	33,543	27,368	401,643	23,907
Barrier Nets	1,089	1,141	1,111	1,168	848	954	877	969	1,111	1,072	1,016	910	12,266	730
Hooks & Lines	27,306	19,581	19,093	20,116	17,364	16,291	14,828	16,649	26,547	17,144	17,267	14,268	221,454	13,182
Traps & Pots	7,538	8,638	8,964	9,513	9,417	9,323	9,857	11,377	11,031	11,453	8,507	7,334	112,952	6,723
Shellfish	38,112	39,185	39,655	39,625	41,610	38,280	37,320	38,310	38,510	40,118	43,540	42,780	477,045	28,396
Miscellaneous	1,642	1,664	2,399	2,378	2,017	2,568	3,000	2,410	2,281	2,597	1,461	1,411	25,828	1,538
Trawl Nets	83,294	67,528	71,856	68,355	63,145	68,450	66,935	84,026	90,157	94,740	93,497	96,100	948,083	56,434
TOTAL - PICULS	461,578	455,376	438,638	413,251	367,898	425,703	379,512	458,003	444,312	433,678	380,120	345,646		
" - TONS	27,475	27,106	26,109	24,598	21,899	25,340	22,590	27,262	26,447	25,814	22,626	20,574	5,003,715	297,840*

Note: 1 ton = 16.8 piculs.

* Including 929 tons of Oceanic tuna, Marlin, and other fishes.

Table IIA
(Jadual IIA)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups – Perlis

Gear Groups	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL Piculs	TOTAL Tons
Fishing Stakes Large	122	357	263	316	547	108	27	–	–	–	–	–	1,740	104
Fishing Stakes Small	507	801	826	639	994	214	20	–	–	73	183	298	4,555	271
Seine Nets	3,382	3,700	3,552	4,067	4,995	5,888	5,963	5,747	5,444	5,233	6,269	5,193	59,433	3,538
Drift/Gill Nets	288	377	381	350	486	321	171	106	113	131	102	69	2,895	172
Lift Nets	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Push Nets	–	–	–	–	8	16	–	–	–	560	66	46	696	41
Bag Nets	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Barrier Nets	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lines	124	131	134	120	165	82	54	42	39	56	58	48	1,053	63
Traps	72	81	71	76	72	21	15	9	12	12	24	30	495	30
Shellfish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Miscellaneous	50	57	56	50	86	34	26	12	10	8	7	12	408	24
Trawl Nets	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL: PICULS	4,545	5,504	5,283	5,618	7,353	6,684	6,276	5,916	5,618	6,073	6,709	5,696	71,275	
TOTAL: TONS	271	328	314	334	438	398	374	352	334	362	399	339		4,243

Note: 1 ton = 16.8 piculs

LBK/rb

Table IIB
(Jadual IIB)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups – Kedah

Gear Groups	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL Piculs	TOTAL Tons
Fishing Stakes Large	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fishing Stakes Small	764	899	853	691	550	80	85	95	72	172	242	216	4,719	281
Seine Nets	64,231	62,022	36,283	33,285	25,300	20,841	21,540	14,292	14,306	14,984	18,833	24,087	350,004	20,833
Drift/Gill Nets	1,142	961	931	882	849	784	751	643	574	546	506	563	9,132	544
Lift Nets	183	224	206	89	97	106	91	49	42	67	64	72	1,290	77
Push Nets	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bag Nets	82	–	–	–	–	–	81	340	330	258	230	158	1,479	88
Barrier Nets	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lines	817	805	980	956	925	703	618	647	698	687	674	631	9,141	544
Traps	171	190	195	165	163	103	104	111	94	87	115	104	1,602	95
Shellfish	525	475	395	345	450	480	600	480	400	350	500	400	5,400	321
Miscellaneous	37	43	33	41	48	40	43	36	36	33	32	25	447	27
Trawl Nets	10,857	10,068	9,553	10,975	7,718	6,814	7,385	9,713	11,661	11,073	10,475	9,933	116,225	6,918
TOTAL: PICULS	78,809	75,687	49,429	47,429	36,100	29,951	31,298	26,406	28,213	28,257	31,671	36,189	499,439	
TOTAL: TONS	4,691	4,505	2,942	2,823	2,149	1,783	1,863	1,572	1,679	1,682	1,885	2,154		29,728

Note: 1 ton = 16.8 piculs

LBK/rb

Table IIC
(Jadual IIC)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups – Penang

Gear Groups	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL Piculs	TOTAL Tons
Fishing Stakes Large	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fishing Stakes Small	482	296	250	136	79	87	121	124	359	389	262	346	2,931	175
Seine Nets	18,591	17,937	16,812	21,209	15,538	14,093	15,544	18,548	22,255	20,439	18,214	15,640	214,820	12,787
Drift/Gill Nets	2,598	2,585	2,611	2,646	2,149	2,151	2,583	3,926	3,940	4,680	5,468	4,602	39,939	2,377
Lift Nets	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Push Nets	1,500	1,402	882	693	576	413	265	767	586	525	917	904	9,430	561
Bag Nets	3,978	3,113	2,739	2,321	2,669	2,460	2,724	6,589	5,044	4,643	4,768	4,317	45,365	2,700
Barrier Nets	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lines	10,436	2,416	2,428	3,588	1,853	1,712	1,661	2,099	5,393	2,114	5,179	2,482	41,461	2,468
Traps	1,461	1,625	1,674	1,814	1,615	1,666	1,788	2,074	2,130	2,331	2,183	2,235	22,596	1,345
Shellfish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Miscellaneous	37	40	36	67	36	39	42	32	39	42	32	40	482	29
Trawl Nets	22,595	10,120	21,372	19,283	17,375	22,929	18,150	23,851	22,863	27,471	23,319	21,014	250,342	14,901
TOTAL: PICULS	61,678	39,534	48,804	51,757	41,890	45,550	42,878	58,010	62,609	62,634	60,442	51,580	627,366	
TOTAL: TONS	3,671	2,353	2,905	3,081	2,494	2,711	2,552	3,453	3,727	3,728	3,598	3,070		37,343*

Note: 1 ton = 16.8 piculs

* Including 929 tons of Oceanic tuna, marlin and other fishes.

LEK/rb

Table IID
(Jadual IID)

Gear Groups	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL Piculs	TOTAL Tons
Fishing Stakes Large	2,248	1,560	1,303	1,691	1,542	1,586	1,658	1,500	1,231	1,088	1,008	964	17,379	1,035
Fishing Stakes Small	3,439	3,211	3,020	2,839	2,493	2,505	2,289	2,325	2,276	2,403	2,086	2,182	31,068	1,849
Seine Nets	83,206	96,808	94,678	87,435	71,683	93,897	75,058	89,602	75,524	63,393	62,817	58,951	953,052	56,729
Drift/Gill Nets	8,143	7,788	8,149	8,385	7,777	7,719	7,189	7,226	7,248	7,316	7,567	7,422	91,869	5,468
Lift Nets	56	70	185	51	53	13	50	7	10	15	30	63	603	36
Push Nets	120	240	300	350	340	300	50	65	70	130	180	250	2,395	143
Bag Nets	13,746	13,479	13,045	12,304	11,619	11,482	9,746	9,432	9,355	10,242	10,652	9,791	134,893	8,029
Barrier Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lines	5,529	5,722	6,223	6,026	5,976	5,664	5,147	5,321	5,746	5,558	5,448	5,138	67,498	4,018
Traps	2,049	2,009	1,808	1,785	1,574	1,581	1,605	1,885	1,813	1,686	1,444	987	20,227	1,204
Shellfish	37,412	38,550	39,120	39,120	40,620	36,740	35,420	36,330	36,110	37,380	40,440	40,320	457,562	27,236
Miscellaneous	1,015	1,086	1,093	1,079	1,029	1,040	957	943	990	875	821	898	11,826	704
Trawl Nets	24,384	20,446	15,841	14,156	15,901	14,001	15,366	23,710	25,110	21,926	23,522	31,723	246,086	14,648
TOTAL: PICULS	181,347	190,969	184,765	175,221	160,607	176,528	154,475	178,347	165,483	152,012	156,015	158,689	2,034,458	
TOTAL: TONS	10,794	11,367	10,998	10,430	9,560	10,508	9,195	10,616	9,850	9,048	9,287	9,446		121,099

Note: 1 ton = 16.8 piculs

Table IIE
(Jadual IIE)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups - Selangor

Gear Groups	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL Piculs	TOTAL Tons
Fishing Stakes Large	109	124	135	129	102	104	119	99	105	149	101	80	1,356	81
Fishing Stakes Small	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seine Nets	33,587	30,654	31,306	19,787	12,396	31,593	15,141	25,540	16,323	18,760	10,008	8,964	254,059	15,122
Drift/Gill Nets	3,819	4,224	4,473	4,836	2,914	3,704	4,026	4,481	3,983	3,434	3,254	3,483	46,631	2,775
Lift Nets	425	700	455	262	384	356	241	151	139	101	82	45	3,341	199
Push Nets	103	265	324	435	108	160	120	110	128	200	230	350	2,533	151
Bag Nets	11,109	9,425	12,083	9,607	11,111	13,365	12,099	12,931	9,504	12,869	10,372	7,316	131,791	7,845
Barrier Nets	591	591	570	582	188	252	269	262	278	220	214	229	4,246	253
Lines	2,296	2,004	1,702	1,676	835	1,227	1,188	1,528	1,594	1,472	918	950	17,390	1,035
Traps	56	52	62	48	40	75	72	58	154	140	57	41	855	51
Shellfish	175	160	140	160	540	1,060	1,300	1,500	2,000	2,360	2,600	2,060	14,055	837
Miscellaneous	322	261	235	213	128	225	205	198	195	188	215	340	2,725	162
Trawl Nets	10,264	13,873	12,765	12,706	11,593	14,787	15,242	16,275	17,196	18,390	19,987	17,643	180,721	10,757
TOTAL: PICULS	62,856	62,333	64,250	50,441	40,339	66,908	50,022	63,133	51,599	58,283	48,038	41,501	659,703	
TOTAL: TONS	3,742	3,710	3,824	3,003	2,401	3,983	2,978	3,758	3,071	3,469	2,859	2,470		39,268

Note: 1 ton = 16.8 piculs

Table IIF
(Jadual IIF)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups - Negeri Sembilan

Gear Groups	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL	
													Piculs	Tons
Fishing Stakes Large	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fishing Stakes Small	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seine Nets	7	14	14	12	11	17	19	30	36	33	33	37	363	16
Drift/Gill Nets	439	468	356	318	272	325	327	304	278	244	239	231	3,801	226
Lift Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Push Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bag Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barrier Nets	10	13	9	7	7	9	10	15	30	31	34	39	214	13
Lines	167	164	159	173	157	156	163	168	162	157	176	180	1,982	118
Traps	44	35	33	30	26	30	39	44	50	47	43	43	464	28
Shellfish	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	10	9	9	8	9	18	19	18	20	21	24	25	190	11
Trawl Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL: PICULS	677	703	580	548	482	555	577	579	576	533	549	555	6,914	
TOTAL: TONS	40	42	35	33	29	33	34	35	34	31	33	33		412

Note: 1 ton = 16.8 piculs

LBK/rb

Table IIG
(Jadual IIG)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups - Malacca

Gear Groups	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL	
													Piculs	Tons
Fishing Stakes Large	306	218	266	242	257	267	718	507	522	391	240	203	4,137	246
Fishing Stakes Small	206	160	188	198	182	233	870	456	611	518	338	194	4,154	247
Seine Nets	39	36	41	36	30	58	39	25	36	33	39	30	442	26
Drift/Gill Nets	1,039	1,203	1,294	1,852	1,701	1,930	1,114	1,725	1,681	1,398	1,472	1,121	17,530	1,044
Lift Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Push Nets	17	22	8	9	8	35	524	255	341	425	158	12	1,814	108
Bag Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barrier Nets	-	5	1	4	6	5	3	-	-	-	-	-	24	1
Lines	164	183	156	117	158	184	115	121	103	86	92	99	1,578	94
Traps	7	6	4	3	5	3	5	4	3	4	3	2	49	3
Shellfish	-	-	-	-	-	-	-	-	-	28	-	-	28	2
Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trawl Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL: PICULS	1,778	1,833	1,958	2,461	2,347	2,715	3,388	3,093	3,297	2,883	2,342	1,661	29,756	
TOTAL: TONS	106	109	116	146	140	162	202	184	196	172	139	99		1,771

Note: 1 ton = 16.8 piculs

LBK/rb

Table IIH
(Jadual IIH)

Monthly Landings (in Piculs) of Marine Fish in 1969 By Gear Groups - Kelantan

Gear Groups	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL	
													Piculs	Tons
Fishing Stakes Large	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fishing Stakes Small	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seine Nets	-	2,820	2,600	1,810	2,580	3,955	3,505	3,979	4,230	370	-	-	25,849	1,539
Drift/Gill Nets	1,040	840	603	1,029	1,306	738	810	879	1,089	1,284	150	148	9,916	590
Lift Nets	1,050	3,440	2,881	1,162	167	105	547	2,260	3,075	3,399	1,078	-	19,164	1,141
Push Nets	-	-	105	126	-	-	-	-	-	-	-	-	231	14
Bag Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barrier Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lines	565	730	586	758	797	518	636	540	590	620	208	412	6,960	414
Traps	80	141	620	1,433	1,950	1,720	1,750	1,850	1,650	1,834	170	60	13,258	789
Shellfish	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	21	54	42	203	134	-	-	-	-	-	454	27
Trawl Nets	654	1,163	1,494	1,550	1,264	1,141	930	811	930	1,226	830	457	12,450	741
TOTAL: PICULS	3,389	9,134	8,910	7,922	8,106	8,380	8,312	10,319	11,564	8,733	2,436	1,077	88,282	
TOTAL: TONS	202	544	530	472	482	499	495	614	688	520	145	64		5,255

Note: 1 ton = 16.8 piculs

Table IIi
(Jadual IIi)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups - Trengganu

Gear Groups	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL	
													Piculs	Tons
Fishing Stakes Large	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fishing Stakes Small	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seine Nets	5,190	6,721	8,220	8,100	8,881	14,145	14,454	24,200	21,550	22,923	3,513	1,928	139,825	8,323
Drift/Gill Nets	1,228	3,930	8,717	7,372	7,460	8,425	6,185	9,499	10,179	7,043	145	115	70,298	4,184
Lift Nets	3,809	6,704	3,660	3,132	3,438	9,307	4,122	5,954	7,795	4,878	2,649	2,749	58,197	3,464
Push Nets	200	633	399	120	3	-	-	-	-	35	-	-	1,390	83
Bag Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barrier Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lines	4,742	4,939	4,115	4,088	3,872	3,435	2,896	3,712	4,357	3,810	2,443	2,607	45,016	2,680
Traps	2,987	3,745	3,760	3,450	3,308	3,421	3,598	4,393	4,070	4,399	3,588	3,524	44,243	2,634
Shellfish	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	748	720	480	725	1,190	768	615	1,040	-	-	6,286	374
Trawl Nets	1,978	1,321	1,976	1,442	1,221	858	878	798	1,239	1,075	1,802	1,680	16,268	968
TOTAL: PICULS	20,134	27,993	31,595	28,424	28,663	40,316	33,323	49,324	49,805	45,203	14,140	12,603	381,523	
TOTAL: TONS	1,198	1,666	1,881	1,692	1,706	2,400	1,984	2,936	2,964	2,691	842	750		22,710

Note: 1 ton = 16.8 piculs

LBK/rb

Table IIJ
(Jadual IIJ)

Monthly Landings (in Piculs) of Marine Fish in 1969 By Gear Groups - Pahang

Gear Groups	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL	
													Piculs	Tons
Fishing Stakes Large	51	77	99	325	242	365	451	768	820	766	465	144	4,573	272
Fishing Stakes Small	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seine Nets	28	83	270	2,786	2,395	2,932	819	8,097	3,562	3,055	718	-	24,745	1,473
Drift/Gill Nets	942	1,456	1,247	1,091	1,596	2,897	2,072	1,509	1,850	4,440	2,442	718	22,260	1,325
Lift Nets	5,101	2,571	2,306	1,591	1,218	2,335	2,653	4,961	8,170	8,689	8,693	-	48,288	2,874
Push Nets	-	-	-	-	-	-	-	45	-	-	-	-	45	3
Beg Nets	-	-	-	-	-	-	-	-	20	33	31	11	95	6
Barrier Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lines	854	870	1,006	951	689	837	548	714	1,180	1,351	880	249	10,129	603
Traps	51	53	25	93	142	141	131	174	225	192	170	61	1,458	86
Shellfish	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trawl Nets	1,991	1,078	1,337	1,346	1,313	1,983	3,016	2,827	3,385	3,837	3,585	3,466	29,164	1,736
TOTAL: PICULS	9,018	6,188	6,290	8,183	7,595	11,490	9,690	19,095	19,212	22,363	16,984	4,649	140,757	
TOTAL: TONS	537	368	374	487	452	684	577	1,137	1,143	1,331	1,011	277		8,378

Note: 1 ton = 16.8 piculs

LBK/rb

Table IIK
(Jadual IIK)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups - Johore East

Gear Groups	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL	
													Piculs	Tons
Fishing Stakes Large	1,381	1,422	1,543	1,551	1,464	1,614	2,738	3,357	3,750	3,765	2,672	1,305	26,562	1,581
Fishing Stakes Small	206	263	323	316	333	302	314	328	337	351	311	190	3,574	213
Seine Nets	1,547	1,704	1,754	1,729	1,799	1,719	1,982	2,081	2,403	2,389	2,349	1,570	23,026	1,371
Drift/Gill Nets	663	904	1,719	2,029	1,775	1,586	2,603	3,049	3,098	3,212	2,518	355	23,511	1,399
Lift Nets	3,258	4,199	4,314	4,457	3,995	4,308	4,754	5,422	5,402	4,423	3,916	1,610	50,058	2,980
Push Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bag Nets	5,220	3,650	5,758	5,470	5,680	6,765	6,385	6,825	6,550	7,380	5,900	5,660	71,243	4,241
Barrier Nets	160	182	200	210	240	250	225	245	235	267	205	200	2,619	156
Lines	825	807	834	923	1,225	1,127	1,259	1,227	1,088	681	595	1,059	11,650	693
Traps	-	197	211	210	211	226	466	472	509	451	450	-	3,403	202
Shellfish	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	70	70	70	70	80	169	310	297	278	300	255	60	2,029	121
Trawl Nets	9,896	8,719	6,793	5,622	5,265	4,252	3,768	4,701	6,598	8,552	9,342	9,154	82,662	4,920
TOTAL: PICULS	23,226	22,117	23,519	22,587	22,067	22,318	24,804	28,004	30,248	31,771	28,513	21,163	300,337	
TOTAL: TONS	1,383	1,316	1,400	1,344	1,314	1,328	1,476	1,667	1,801	1,891	1,697	1,260		17,877

Note: 1 ton = 16.8 piculs

Table IIL
(Jadual IIL)

Monthly Landings (in Piculs) of Marine Fish in 1969
By Gear Groups - Johore West

Gear Groups	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	TOTAL Piculs	TOTAL Tons
Fishing Stakes Large	5,093	4,811	4,938	4,687	4,506	4,488	4,484	4,383	4,720	4,537	4,411	3,586	54,644	3,253
Fishing Stakes Small	541	473	406	350	298	293	241	275	284	245	102	93	3,601	214
Seine Nets	815	778	843	604	558	501	543	575	607	582	571	472	7,449	443
Drift/Gill Nets	5,134	4,716	4,643	4,157	3,983	4,146	3,986	3,769	3,678	3,563	3,578	3,874	49,227	2,930
Lift Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Push Nets	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bag Nets	87	101	-	-	-	1,700	1,744	4,050	4,040	3,350	1,590	115	16,777	999
Barrier Nets	328	350	331	365	407	438	370	447	568	554	563	442	5,163	307
Lines	787	810	770	740	712	646	543	530	597	552	496	413	7,596	452
Traps	560	504	501	406	311	336	284	302	321	270	260	247	4,302	256
Shellfish	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous	101	98	98	76	79	75	74	106	98	90	75	11	981	59
Trawl Nets	675	740	725	1,275	1,495	1,685	2,200	1,340	1,175	1,190	635	1,030	14,165	843
TOTAL: PICULS	14,121	13,381	13,255	12,660	12,349	14,308	14,469	15,777	16,088	14,933	12,281	10,283	163,905	
TOTAL: TONS	840	796	789	754	735	852	861	939	958	889	731	612		9,756

Note: 1 ton = 16.8 piculs

LBK/rb

BY MONTHS AND TYPES OF FISH

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.	369	942	1,261	1,058	692	475	842	710	767	802	298	296	9,012	536
Aruan Tasek	Rachycentron canadus	10	22	31	18	15	29	17	119	114	94	46	46	561	33
Aya/Tongkol	Euthynnus spp.	8,462	2,552	3,279	5,384	4,726	5,688	4,647	4,333	7,416	3,639	4,923	1,680	56,709	3,376
Bawal	Stromateus spp.	3,742	3,707	3,997	4,499	3,405	3,989	3,301	3,003	3,347	3,235	2,556	2,754	41,535	2,472
Belanak/kedera	Mugilidae	3,481	3,420	3,246	4,396	3,518	3,187	3,355	3,358	4,298	6,340	5,376	4,694	48,664	2,897
Biji Nangka	Upeneus tragula	1,245	934	900	636	984	593	890	1,643	1,682	1,280	1,036	1,948	13,321	793
Bilis	Strolephorus spp.	54,286	37,309	30,655	22,762	19,384	37,179	22,369	47,308	35,016	26,424	18,440	25,078	376,210	22,394
Chermin/Sagai	Caranx gallus	587	645	495	492	966	175	312	803	918	1,006	927	905	8,231	490
Chincharu	Megalaspis cordyla	7,335	5,259	8,743	19,015	13,190	7,064	7,078	8,531	11,244	9,463	8,103	5,687	110,712	6,590
Daun Bahru	Drepane punctata	164	256	141	184	232	75	129	156	175	202	80	67	1,861	111
Delah	Caesio erythrogaster	-	-	19	9	-	-	-	79	72	65	20	48	312	19
Demudok	Caranx ferdau	169	158	130	150	125	120	188	204	245	159	108	49	1,805	107
Dingkis	Siganidae	-	-	-	-	-	-	-	-	118	132	37	-	287	17
Duri	Tachysuridae	7,284	6,553	7,071	7,824	5,398	6,850	6,278	8,693	10,980	7,254	6,927	7,000	88,092	5,244
Gelama	Sciaenidae	7,262	6,746	6,572	6,507	5,773	5,065	4,131	6,556	6,342	6,024	5,531	6,539	73,048	4,348
Gerong?/D.Belang	Caranx speciosus	-	-	3	-	-	-	20	71	61	66	15	10	276	16
Gerut?	Pomadasys hasta	954	897	1,233	1,145	577	990	647	1,212	649	668	443	435	9,850	586
Gebong	Abalistes stellaris	132	146	118	106	120	110	90	108	91	103	30	33	1,186	71
Jenahak	Lutianus argentimaculatus	1,838	1,907	1,351	1,725	1,776	1,380	1,199	1,250	1,282	1,235	1,007	676	14,916	888
Kachi	Plectorhyncus pictus	470	444	480	476	377	472	343	440	499	518	428	314	5,261	313
Kebasi/Selangat	Dorosoma chacunda	658	695	969	1,339	503	528	604	781	914	704	846	940	9,281	552
Kembong	Rastrelliger kanagurta	105,814	132,306	109,684	88,741	68,967	99,524	80,334	87,725	74,709	73,573	54,239	48,518	1,024,134	60,960
Kerapu	Serranidae	2,329	2,700	2,721	2,486	2,530	2,740	2,495	2,631	2,687	2,545	2,199	1,889	29,944	1,782
Kerisi	Nemipteridae	4,640	4,907	4,463	4,985	4,344	4,109	3,545	4,460	4,371	4,116	3,028	2,388	48,453	2,884
Kikek	Leiognathidae	1,255	887	1,579	1,996	3,472	1,927	1,762	1,420	1,374	1,205	953	908	18,678	1,112
Kurau/Senangin	Polynemus spp.	1,434	1,340	1,420	1,365	1,269	1,374	1,375	1,566	1,454	1,244	1,307	1,215	16,413	977
Lidah/Sebelah	Soleidae	564	462	851	762	554	443	318	659	541	527	359	790	6,830	407
Malong	Muraenesox cinereus	1,354	961	997	1,002	626	704	603	894	706	683	767	991	10,288	612
Merah	Lutianus spp.	7,148	7,140	8,507	8,324	8,342	8,263	8,086	9,353	9,117	9,439	7,996	7,204	98,879	5,886
Parang2	Chirocentrus dorab	6,061	5,744	6,579	7,004	5,655	5,283	5,051	6,088	5,716	5,650	4,999	4,577	68,437	4,074
Pari	Dasyatidae	3,419	2,899	3,011	2,997	2,286	2,582	2,289	6,798	2,698	2,747	2,653	2,196	36,570	2,177
Pelata	Caranx spp.	1,297	1,423	1,288	1,121	875	1,192	2,011	1,649	2,353	2,161	1,321	1,882	18,573	1,105
Puput	Pellona spp.	1,066	507	404	340	247	264	265	332	297	372	435	628	5,157	307
Remong/kunyit	Lutianus spp	204	252	238	260	275	280	260	308	344	389	186	146	3,142	187
Kerapoh	Caranx sexfasciatus	30	15	64	-	-	-	-	-	-	-	-	-	109	6
C/F	SUB - TOTAL	235,205	232,205	212,100	199,048	160,650	202,634	164,834	213,241	192,616	174,044	137,599	132,561	2,256,737	134,329

Types of Fish		January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
Local Name	Scientific Name													Piculs	Tons
B/F		235,175	232,190	212,036	199,648	160,650	202,634	164,834	213,241	192,616	174,044	137,599	132,561	2,256,737	134,329
Selar	Caranx spp.	759	1,472	3,750	3,210	2,878	2,302	2,282	4,815	4,615	3,378	1,583	1,326	32,370	1,927
Selar Kuning	Selamides leptalepis	7,155	9,800	7,570	5,340	4,952	5,128	6,447	6,120	11,414	12,436	11,138	1,968	89,448	5,324
Selar Puchat	Selar megalaspis	17	185	-	5	8	-	12	-	-	-	310	-	537	32
Selayang	Decapterus russellii	8,048	10,325	7,341	7,389	5,838	16,263	10,033	12,262	14,937	11,334	8,362	5,888	118,020	7,025
Semilang	Platasus spp.	839	933	927	938	957	923	823	867	942	877	777	691	10,494	625
Shrumbu	Lactarius lactarius	810	1,072	621	753	808	854	579	783	779	447	389	349	8,244	491
Talang	Chorinemus spp.	184	239	338	428	190	131	140	285	223	353	400	371	3,282	195
Tamban	Clupea spp.	10,716	9,417	8,926	9,835	11,092	11,637	14,025	15,958	14,032	11,639	8,845	7,594	133,716	7,959
Tenggiri	Scomberomorus spp.	7,955	9,110	9,036	8,391	6,715	7,075	6,816	8,894	9,792	9,553	6,311	7,161	96,839	5,764
Terubok	Clupea macrura	-	-	29	2	-	-	-	-	-	-	-	-	31	2
Timah/Selayor	Trichiurus spp	973	1,476	750	1,233	1,063	566	2,120	2,921	1,364	1,375	1,203	2,950	17,923	1,067
Yu	Galeorhinidae	2,713	1,856	2,224	2,034	1,955	1,988	2,089	2,642	2,404	2,238	2,045	1,553	25,721	1,531
Buat Baja	-	65,711	59,616	59,299	58,178	58,024	59,045	58,725	65,922	73,941	81,897	79,736	69,999	790,093	47,029
Ikan Charpor	-	20,553	17,225	18,199	17,246	15,522	16,720	14,577	17,905	17,568	17,479	16,537	15,716	205,247	12,217
Udang	Crustacea	37,645	42,238	48,189	44,665	43,492	46,006	42,622	46,663	40,947	44,922	45,520	42,601	525,910	31,280
Udang Baring	Crustacea	18,791	12,013	12,046	7,996	6,348	8,978	8,178	12,024	11,154	11,835	9,312	6,864	125,539	7,473
Ketam	Crustacea	3,580	4,896	3,821	4,289	3,346	3,626	3,619	3,268	3,387	3,329	2,735	2,900	42,796	2,547
Sotong	Mollusc	1,577	2,163	3,617	2,554	2,460	3,547	4,271	5,124	5,657	6,424	3,768	2,394	43,756	2,605
Kerang	Mollusc	37,175	38,360	38,940	38,760	40,540	37,160	36,300	37,500	37,800	39,460	42,750	42,060	466,805	(27,786)
Siput	Mollusc	987	825	715	865	1,070	1,120	1,020	810	710	658	790	720	10,240	610
Marlin	Makaira	235	-	-	92	-	-	-	-	30	-	10	-	367	22
TOTAL (Piculs)		461,578	455,376	438,638	413,257	367,898	425,703	379,512	458,003	444,312	433,678	380,120	345,646		
" (Tons)		27,475	27,106	26,109	24,598	21,899	25,340	22,590	27,262	26,447	25,814	22,626	20,574	5,003,715	297,840 *

1 ton = 16.8 piculs

* Including 13,187 piculs (785 tons) tuna, 367 piculs (22 tons) Marlin and 2,061 piculs (122 tons) ikan charpor landed by Oceanic Fisheries.

LBK/lly.

Table IV
(Jadual IV)

By Gear Groups and By States

(In Piculs)

Types of Gears	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore		TOTAL	
											East	West	Piculs	Tons
Fishing Stakes Large	1,740	-	-	17,379	1,356	-	4,137	-	-	4,573	26,562	54,644	110,391	6,571
Fishing Stakes Small	4,555	4,719	2,931	31,068	-	-	4,154	-	-	-	3,574	3,601	54,602	3,250
Seine Nets	59,433	350,004	214,820	953,052	254,059	263	442	25,849	139,825	24,745	23,026	7,449	2,052,967	122,200
Drift/Gill Nets	2,895	9,132	39,939	91,869	46,631	3,801	17,530	9,916	70,298	22,260	23,511	49,227	387,009	23,036
Lift Nets	-	1,290	-	603	3,341	-	-	19,164	58,197	48,288	50,058	-	180,941	10,770
Push Nets	696	-	9,430	2,395	2,533	-	1,814	231	1,390	45	-	-	18,534	1,103
Bag Nets	-	1,479	45,365	134,893	131,791	-	-	-	-	95	71,243	16,777	401,643	23,907
Barrier Nets	-	-	-	-	4,246	214	24	-	-	-	2,619	5,163	12,266	730
Lines	1,053	9,141	41,461	67,498	17,390	1,982	1,578	6,960	45,016	10,129	11,650	7,596	221,454	13,182
Traps	495	1,602	22,596	20,227	855	464	49	13,258	44,243	1,458	3,403	4,302	112,952	6,723
Shellfish	-	5,400	-	457,562	14,055	-	28	-	-	-	-	-	477,045	28,396
Miscellaneous	408	447	482	11,826	2,725	190	-	454	6,286	-	2,029	981	25,828	1,538
Trawl Nets	-	116,225	250,342	246,086	180,721	-	-	12,450	16,268	29,164	82,662	14,165	948,083	56,434
TOTAL: Piculs	71,275	499,439	627,366	2,034,458	659,703	6,914	29,756	88,282	381,523	140,757	300,337	163,905	5,003,715	
Tons	4,243	29,728	37,343	121,099	39,268	412	1,771	5,255	22,710	8,378	17,877	9,756		297,840*

LBK/rb

* Including 929 tons of Oceanic tuna, marlin and other fishes.

Table V
(Jadual V)

TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1969

(BY STATES AND TYPES OF FISH)

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	-	858	4,191	1,235	777	-	8	-	1,304	235	404	-	9,012	536
Aruan Tasek	Rachycentron canadus	-	-	-	-	-	-	159	-	324	78	-	-	561	33
Aya/Tongkol	Euthynnus spp.	1,493	2,433	16,195	1,923	-	-	-	1,185	27,756	1,517	4,209	-	56,709	3,376
Bawal	Stromateus spp.	863	5,429	7,191	9,120	9,400	81	732	1,422	1,096	178	300	5,723	41,535	2,472
Belanak/kedera	Mugilidae	-	160	11,829	23,540	11,487	-	9	-	-	175	845	619	48,664	2,897
Biji Nangka	Upeneus tragula	-	1,898	-	8,172	391	-	-	1,800	870	190	-	-	13,321	793
Bilis	Stolephorus spp.	-	83,449	36,400	105,017	86,343	-	-	285	44,338	12,048	7,553	777	376,210	22,394
Chermin	Caranx gallus	-	2,284	-	2,293	-	-	-	207	1,434	156	1,857	-	8,231	490
Chincharu	Megalaspis cordyla	4,660	26,122	27,925	21,881	11,386	860	230	28	7,739	878	2,643	6,360	110,712	6,590
Daun Bahru	Drepane punctata	-	927	-	597	-	-	-	-	22	315	-	-	1,861	111
Delah	Caesio erythrogaster	-	-	-	28	-	-	-	-	282	2	-	-	312	19
Demudok	Caranx ferdau	-	-	-	-	-	-	-	16	882	459	448	-	1,805	107
Dingkis	Siganidae	-	-	-	-	-	-	-	-	-	287	-	-	287	17
Duri	Tachysuridae	379	4,831	22,508	29,109	6,140	53	489	1,425	11,377	6,509	719	4,553	88,092	5,244
Gelama	Sciaenidae	272	5,022	15,898	25,679	2,318	-	999	2,026	5,128	2,268	5,008	8,430	73,048	4,348
Gerung?	Caranx speciosus	-	-	-	-	-	-	-	41	232	3	-	-	276	16
Gerut?	Pomadasys hasta	297	1,960	4,525	868	301	-	-	-	1,663	96	-	140	9,850	586
Gebong	Abalistes stellaris	-	-	-	-	-	-	-	-	1,186	-	-	-	1,186	71
Jenghak	Lutianus argentimaculatus	216	343	4,880	3,512	1,374	174	103	2,677	-	26	195	1,416	14,916	888
Kachi	Plectorhyncus pictus	-	-	-	-	-	-	-	593	3,479	374	815	-	5,261	313
Kebasi/Selangat	Dorosoma chacunda	-	2,222	1,992	1,040	2,272	-	173	-	-	19	40	1,523	9,281	552
Kembong	Rastrelliger kanagurta	36,340	219,420	50,027	530,856	110,541	58	79	9,049	48,413	7,522	11,843	16	1,024,134	60,960
Kerapu	Serranidae	153	1,930	4,301	9,506	394	34	138	1,191	8,642	401	2,863	391	29,944	1,782
Kerenoh	Caranx sexfasciatus	-	-	-	-	-	-	-	-	-	-	109	-	109	6
Kerisi	Nemipteridae	-	2,581	10,144	15,096	77	-	-	4,122	8,058	4,202	4,173	-	48,453	2,884
Kikek	Leiognathidae	443	1,608	3,251	2	-	-	-	1,597	4,544	3,428	3,805	-	18,678	1,112
Kurau/Senangin	Polynemus spp.	-	472	3,029	8,152	2,144	46	489	-	369	103	250	1,359	16,413	977
Lidah/Sebelah	Soleidae	-	2,175	-	3,766	695	-	-	-	161	6	-	27	6,830	407
Malong	Muraenesox cinereus	17	1,591	-	3,270	4,110	-	101	-	-	12	-	1,187	10,288	612
Merah	Lutianus spp.	237	2,273	24,196	31,336	1,259	873	83	7,962	23,147	874	4,139	2,500	98,879	5,886
Parang?	Chirocentrus dorab	546	2,605	9,485	9,723	13,996	1,370	7,484	1,226	4,568	1,809	7,603	8,022	68,437	4,074
Pari	Dasyatidae	268	5,015	9,139	6,169	4,117	55	217	91	359	5,629	2,442	3,069	36,570	2,177
Pelata	Caranx spp.	3,601	576	10,180	3,416	-	-	-	86	309	-	-	405	18,573	1,105
Puput	Pellona spp.	-	1,557	-	1,902	37	-	103	-	-	31	-	1,547	5,157	307
Remong/kunyit	Lutianus spp.	-	-	-	-	-	-	-	-	2,953	189	-	-	3,142	187
C/F SUB - TOTAL		49,785	379,721	277,284	857,208	269,559	3,604	11,596	37,029	210,635	50,019	62,233	48,064	2,256,737	134,329

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		49,785	379,721	277,284	857,208	269,559	3,604	11,596	37,029	210,635	50,019	62,233	48,064	2,256,737	134,329
Selar	Caranx spp.	2,151	-	983	-	1,623	-	180	952	17,235	1,824	7,406	16	32,370	1,927
S.Kuning/Lolong	Selaroides leptolepis	-	-	-	-	-	-	-	11,102	20,661	35,084	22,171	430	89,448	5,324
S. Puchat	Selar megalaspis	-	-	-	-	-	-	-	62	475	-	-	-	537	32
Selayang	Decapterus russellii	7,297	3,236	13,819	6,255	28,470	-	73	3,855	38,284	5,026	11,705	-	118,020	7,025
Semilang	Plotosus spp.	234	17	-	5,756	703	32	6	-	-	-	635	3,111	10,494	625
Shrumbu	Lactarius lactarius	-	3,208	3,667	421	-	-	-	-	948	-	-	-	8,244	491
Talang	Chorinemus spp.	484	712	-	-	642	42	649	-	-	119	-	634	3,282	195
Tamban	Clupea spp.	2,711	14,823	6,614	6,088	7,668	-	29	15,576	36,986	8,564	30,491	4,166	133,716	7,959
Tenggiri	Scomberomorus spp.	735	3,275	8,562	6,149	11,750	1,283	6,426	5,685	22,918	7,233	11,636	11,187	96,839	5,764
Terubok	Clupea macrura	-	-	-	-	31	-	-	-	-	-	-	-	31	2
Tumah/Selayor	Trichiurus spp.	-	3,044	66	9,307	227	-	148	1,511	3,298	9	-	313	17,923	1,067
Yu	Gatechimidae	177	4,509	3,638	3,187	3,549	19	74	414	3,342	1,699	3,795	1,318	25,721	1,531
Buat Bala		2,478	44,820	163,473	255,534	150,325	-	4,316	2,646	3,511	17,291	106,309	39,720	790,093	47,029
Ikan Champor		3,466	16,894	53,644	70,265	9,228	1,595	1,027	1,037	10,720	7,538	9,313	20,520	205,247	12,217
Udang	Crustacea	904	13,691	64,637	265,967	135,705	148	2,377	3,410	3,016	4,199	16,833	14,913	525,510	31,280
Udang Baring	Crustacea	-	-	15,795	57,332	21,462	-	2,827	4,831	2,712	-	4,495	16,085	125,539	7,473
Ketam	Crustacea	736	2,171	8,349	23,111	3,932	190	-	-	-	134	1,717	2,456	42,796	2,547
Sotong	Mollusc	117	3,958	6,418	10,316	774	1	-	472	6,782	2,048	11,898	972	43,756	2,605
Kerang	Mollusc	-	-	-	452,750	14,055	-	-	-	-	-	-	-	466,805	27,786
Siput	Mollusc	-	5,400	-	4,812	-	-	28	-	-	-	-	-	10,240	610
Martin	Makaira spp.	-	-	367	-	-	-	-	-	-	-	-	-	367	22
TOTAL (Piculs)		71,275	499,439	627,366	2,034,458	659,703	6,914	29,756	88,282	381,523	140,757	300,337	163,905		
" (Tons)		4,243	29,728	37,343	121,099	39,268	412	1,771	5,255	22,710	8,378	17,877	9,756	5,003,715	297,840 *

1 ton = 16.8 piculs.

* Including 13,187 piculs (785 tons) tuna, 367 piculs (22 tons) Martin and 2,061 piculs (122 tons) ikan champor landed by Oceanic Fisheries.

LBK/lly.

BY GEAR GROUPS AND TYPES OF FISH

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.	212	45	428	707	220	-	-	276	714	-	-	-	6,410	9,012	536
Anyan Tasek	Rachycentron canadus	-	-	-	138	-	-	-	-	99	324	-	-	-	561	33
Aya/Torgkol	Euthynnus spp.	-	-	9,254	19,057	215	-	-	-	28,183	-	-	-	-	56,709	3,376
Bawal	Stromateus spp.	2,280	210	1,840	20,453	6,893	-	81	-	-	-	-	-	9,778	41,535	2,472
Belanak/kedera	Mugilidae	247	624	36,925	9,137	-	-	-	944	7	-	-	50	730	48,664	2,897
Biji Nangka	Upeneus tragula	34	-	69	-	14	-	-	-	-	-	-	-	13,284	13,321	793
Bilis	Stolephorus spp.	20,449	-	355,734	-	-	10	-	-	-	-	-	-	17	376,210	22,394
Chemmin	Caranx gallus	40	-	450	119	-	-	-	-	944	651	-	-	6,027	8,231	490
Chincharu	Megalaspis cordyla	1,027	405	73,149	30,287	59	-	60	9	4,042	-	-	-	1,674	110,712	6,590
Daun Bahru	Drepane punctata		-	-	-	-	-	-	-	-	-	-	-	1,861	1,861	111
Delah	Caesio erythrogaster	-	-	-	21	-	-	-	-	-	291	-	-	-	312	19
Demudok	Caranx ferdau		-	-	-	-	-	-	-	240	1,117	-	-	448	1,805	107
Dingkis	Siganidae	-	-	-	-	-	-	-	-	-	-	-	-	287	287	17
Duri	Tachysuridae	32	571	10,947	15,689	-	-	48	721	41,052	190	-	-	18,842	88,092	5,244
Gelama	Sciaenidae	6,008	911	15,901	2,550	-	-	938	484	4,092	861	-	-	41,303	73,048	4,348
Gerong2/D.Belang	Caranx sneciosus	-	-	-	3	-	-	-	-	41	232	-	-	-	276	16
Gerut2	Pomadasys hasta	-	5	43	591	-	-	-	3	2,072	2,346	-	-	4,290	9,350	586
Gebong	Ablistes stellaris	-	-	-	-	-	-	-	-	-	1,186	-	-	-	1,186	71
Jenahak	Lutianus argentimacu-latus	210	-	51	56	-	-	-	3	5,153	6,839	-	-	2,604	14,916	888
Kachi	Plectorhyacus pictus	-	-	-	2	-	-	-	-	155	4,796	-	-	308	5,261	313
Kobasi/Selangat	Dorosoma chacunda	697	126	1,662	2,535	-	-	555	-	-	-	-	-	3,706	9,281	552
Kembong	Rastrelliger kanagurta	749	8,107	964,865	28,591	17,418	-	5	-	59	-	-	-	4,340	1,024,134	60,960
Kerapu	Serranidae	79	192	-	-	-	-	-	-	10,562	15,917	-	-	3,194	29,945	1,782
Kerepoh	Caranx sexfasciatus	-	-	-	-	-	-	-	-	9	51	-	-	49	109	6
Kerisi	Nemipteridae	-	105	-	191	-	-	-	50	23,995	10,235	-	-	13,877	48,453	2,884
Kikek	Leiognathidae	1,440	498	1,745	1,521	-	-	6	-	50	10	-	-	13,408	18,678	1,112
Kurau/Senangin	Polynemus spp.	331	88	471	14,396	-	-	-	85	845	-	-	-	197	16,413	977
Lidah/Sebelah	Soleidae	-	27	-	10	-	-	-	1	-	-	-	-	6,792	6,830	407
Malang	Mumenesox cinereus	-	-	-	933	-	-	-	-	4,831	-	-	-	4,524	10,288	612
Merah	Lutianus spp.	-	153	-	29	-	-	-	100	34,352	60,117	-	-	4,128	98,878	5,886
Parang2	Chirocentrus dorab	1,518	170	43	55,584	-	-	-	55	3,385	-	-	-	7,682	68,437	4,074
Pari	Dasyatidae	294	1,062	982	4,576	4,150	-	-	532	11,715	-	-	-	13,259	36,570	2,177
Pelata	Caranx spp.	1,084	224	15,501	-	270	-	-	-	6	-	-	-	1,488	18,573	1,105
Puput	Pellona spp.	485	105	95	867	-	-	-	-	-	-	-	-	3,605	5,157	307
Remong	Lutianus spp.	-	-	-	-	-	-	-	-	-	2,884	-	-	258	3,142	187
C/F SUB - TOTAL		37,216	13,628	1,490,155	208,043	29,239	10	1,693	3,263	176,603	108,547	-	50	188,290	2,256,737	134,329

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	Misce- llaneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
B/F		37,216	13,628	1,490,155	208,043	29,239	10	5,693	3,263	176,603	108,547	-	50	188,290	2,256,737	134,329
Selar	Caranx spp.	626	-	7,739	16,151	4,336	-	-	-	2,543	-	-	-	975	32,370	1,927
S.Kuning/Lolong	Selaroides leptolepis	2,389	-	14,527	88	69,525	-	29	-	-	-	-	-	2,890	89,448	5,324
S. Puchat	Selar megalaspis	-	-	-	-	475	-	-	-	62	-	-	-	-	537	32
Selayang	Decapterus russellii	-	-	68,830	255	47,707	-	-	-	118	-	-	-	1,118	118,020	7,025
Semilang	Plotosus spp.	1	1,115	307	355	-	-	-	1,241	7,042	423	-	-	10	10,494	625
Shrimbu/Lelemah	Lactarius lactarius	-	130	1,140	2	-	-	-	-	-	-	-	-	6,972	8,244	491
Talang	Chorinemus spp.	57	-	1,785	1,981	-	-	-	-	44	-	-	-	15	3,282	195
Tamban	Clupea spp.	11,534	682	35,915	2,195	28,406	-	-	145	-	-	-	-	4,809	133,716	7,959
Tenggiri	Scomberomorus spp.	426	78	395	70,916	-	-	-	-	20,537	-	-	-	4,557	96,839	5,764
Terubok	Clupea macrura	-	-	-	28	-	-	-	3	-	-	-	-	-	31	2
Timah/Selayar	Trichiurus spp.	183	143	3,253	2,479	-	-	-	-	39	-	-	-	11,526	17,923	1,067
Yu	Galeorhinidae	18	374	380	10,952	39	-	-	1	5,111	224	-	15	8,627	25,721	1,531
Buat Baja	-	36,892	15,216	176,132	679	-	380	145,042	2,963	10	-	-	-	412,779	790,095	47,029
Ikan Chamor	-	9,938	7,596	35,648	28,697	1,214	127	12,257	1,648	8,341	2,685	-	465	96,631	205,247	12,217
Udang	Crustacea	6,850	12,037	142,107	37,957	-	417	156,356	2,291	25	-	-	1,251	166,219	525,510	31,280
Udang Baring	Crustacea	943	2,939	12,535	3	-	17,600	86,155	210	-	-	-	-	5,154	125,539	7,473
Ketam	Crustacea	-	326	12,234	6,238	-	-	111	501		1,073	-	16,078	6,235	42,796	2,547
Sotong	Mollusc	3,018	338	525	10	-	-	-	-	612	-	-	7,969	31,284	43,756	2,605
Kerang	Mollusc	-	-	-	-	-	-	-	-	-	-	466,805	-	-	466,805	27,786
Siput	Mollusc	-	-	-	-	-	-	-	-	-	-	10,240	-	-	10,240	610
Martin	Makaira spp.	-	-	-	-	-	-	-	-	367	-	-	-	-	367	22
TOTAL (In Piculs)		110,391	54,602	2,052,967	387,009	180,941	18,534	401,643	12,266	221,454	112,952	477,045	25,828	948,083		
" (In Tons)		6,571	3,250	122,201	23,036	10,770	1,103	23,907	730	13,182	6,723	28,396	1,538	56,434	5,003,715	297,840 *

1 ton = 16.8 piculs.

* Including 13,187 piculs (785 tons) tuna, 367 piculs (22 tons) Martin and 2,061 piculs (122 tons) ikan chamor landed by Oceanic Fisheries.

LBK/lty.

Table VIA
(Jadual VIA)

TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1969 BY GEAR GROUPS AND TYPES OF FISH- PERLIS

TYPES 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
Aya/Tongkol	Euthynnus spp.	-	-	1,493	-	-	-	-	-	-	-	-	-	-	1,493	89
Bawal	*Stromateus* spp.	22	71	606	164	-	-	-	-	-	-	-	-	-	863	51
Chincharu	Megalaspis cordyla	118	200	4,105	237	-	-	-	-	-	-	-	-	-	4,660	277
Duri	Tachysuridae	27	69	14	144	-	-	-	-	125	-	-	-	-	379	23
Gelama	Sciaenidae	28	108	-	24	-	-	-	-	112	-	-	-	-	272	16
Gerut2	Pomadasys hasta	-	-	-	-	-	-	-	-	210	87	-	-	-	297	18
Jenahak	*Lutianus argentimaculatus*	-	-	-	-	-	-	-	-	125	91	-	-	-	216	13
Kembong	Rastrelliger kanagurta	733	1,014	34,593	-	-	-	-	-	-	-	-	-	-	36,340	2,163
Kerapu	Serranidae	-	-	-	-	-	-	-	-	90	63	-	-	-	153	9
Kikek	Leiognathidae	192	251	-	-	-	-	-	-	-	-	-	-	-	443	26
Malong	Muraenesox cinereus	-	-	-	-	-	-	-	-	17	-	-	-	-	17	1
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	119	118	-	-	-	237	14
Parang2	Chirocentrus dorab	50	126	-	370	-	-	-	-	-	-	-	-	-	546	33
Pari	Dasyatidae	16	45	-	118	-	-	-	-	89	-	-	-	-	268	16
Pelata	Caranx spp.	-	6	3,595	-	-	-	-	-	-	-	-	-	-	3,601	214
Selar	Caranx spp.	-	-	2,151	-	-	-	-	-	-	-	-	-	-	2,151	128
Selayang	Decapterus russellii	-	-	7,297	-	-	-	-	-	-	-	-	-	-	7,297	434
Semilang	Plotosus spp.	-	-	-	60	-	-	-	-	109	65	-	-	-	234	14
Talang	Chorinemus spp.	-	-	484	-	-	-	-	-	-	-	-	-	-	484	29
Tamban	Clupea spp.	177	335	2,199	-	-	-	-	-	-	-	-	-	-	2,711	161
Tenggiri	Scomberomorus spp.	18	46	302	365	-	-	-	-	4	-	-	-	-	735	44
Yu	*Galeorhinidae*	6	27	4	90	-	-	-	-	50	-	-	-	-	177	11
Buat Baja	-	67	1,730	341	-	-	340	-	-	-	-	-	-	-	2,478	148
Ikan Champor	-	254	442	1,897	690	-	109	-	-	3	71	-	-	-	3,466	206
Udang	Crustacea	-	-	223	434	-	247	-	-	-	-	-	-	-	904	54
Ketam	Crustacea	-	-	129	199	-	-	-	-	-	-	-	408	-	736	44
Sotong	Mollusc	32	85	-	-	-	-	-	-	-	-	-	-	-	117	7
TOTAL (In Piculs)		1,740	4,555	59,433	2,895	-	696	-	-	1,053	495	-	408	-	71,275	
TOTAL (In Tons)		104	271	3,538	172	-	41	-	-	63	30	-	24	-		4,243

1 ton = 16.8 piculs.

LBK/lty.

TYPES 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.	-	-	-	-	-	-	-	-	-	-	-	-	858	858	51
Aya	Euthynnus spp.	-	-	2,433	-	-	-	-	-	-	-	-	-	-	2,433	145
Bawal	Stromateus spp.	-	56	8	796	1,074	-	-	-	-	-	-	-	3,495	5,429	323
Belanak	Mugilidae	-	-	-	140	-	-	-	-	-	-	-	-	20	160	10
Biji Nangka	Upeneus tragula	-	-	-	-	-	-	-	-	-	-	-	-	1,898	1,898	113
Bilis	Stolephorus spp.	-	-	83,449	-	-	-	-	-	-	-	-	-	-	83,449	4,967
Chermin	Carank gallus	-	-	-	-	-	-	-	-	-	148	-	-	2,136	2,284	136
Chincharu	Megalaspis cordyla	-	205	24,629	537	19	-	-	-	-	-	-	-	732	26,122	1,555
Daun Bahru	Drepane punctata	-	-	-	-	-	-	-	-	-	-	-	-	927	927	55
Duri	Tachysuridae	-	168	151	457	-	-	-	-	1,039	-	-	-	3,016	4,831	288
Gelama	Sciaenidae	-	83	-	-	-	-	-	-	941	-	-	-	3,998	5,022	299
Gerut2	Pomadasys	-	5	-	-	-	-	-	-	911	311	-	-	733	1,960	117
Jenahak	Lutianus	-	-	-	-	-	-	-	-	246	97	-	-	-	343	20
Kebasi	Dorosoma chacunda	-	12	-	-	-	-	-	-	-	-	-	-	2,210	2,222	132
Kembong	Rastrelliger kanagurta	-	473	217,369	-	-	-	-	-	-	-	-	-	1,578	219,420	13,061
Kerapu	Serranidae	-	-	-	-	-	-	-	-	736	259	-	-	935	1,930	115
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	115	-	-	-	2,466	2,581	154
Kikek	Leiognathidae	-	117	-	-	-	-	-	-	-	-	-	-	1,491	1,608	96
Kurau	Polynemus spp.	-	-	-	326	-	-	-	-	11	-	-	-	135	472	28
Lidah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	2,175	2,175	129
Malong	Muraenesox cinereus	-	-	-	116	-	-	-	-	129	-	-	-	1,346	1,591	95
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	536	409	-	-	1,328	2,273	135
Parang2	Chirocentrus	-	44	-	1,131	-	-	-	-	55	-	-	-	1,375	2,605	155
Pari	Dasyatidae	-	223	-	222	-	-	-	-	1,592	-	-	-	2,978	5,015	299
Pelata	Carank spp.	-	110	120	-	-	-	-	-	-	-	-	-	346	576	34
Puput	Pellona spp.	-	-	-	-	-	-	-	-	-	-	-	-	1,557	1,557	91
Selayang	Decapterus russellii	-	-	3,236	-	-	-	-	-	-	-	-	-	-	3,236	193
Semilang	Plotosus spp.	-	-	-	-	-	-	-	-	17	-	-	-	-	17	1
Shrumbu	Lactarius lactarius	-	130	-	-	-	-	-	-	-	-	-	-	3,078	3,208	191
Talang	Chorinemus spp.	-	-	695	17	-	-	-	-	-	-	-	-	-	712	42
Tamban	Clupea spp.	-	238	12,742	-	-	-	-	-	-	-	-	-	1,793	14,823	882
Tenggiri	Scomberomorus spp.	-	32	-	1,347	-	-	-	-	163	-	-	-	1,733	3,275	195
Timah	Trichiurus spp.	-	137	-	-	-	-	-	-	-	-	-	-	2,907	3,044	181
Tu	Galeorhinidae	-	47	-	871	-	-	-	-	627	-	-	-	2,964	4,509	268
Buet Baja	-	-	1,821	2,585	-	-	-	1,048	-	-	-	-	-	39,366	44,820	2,668
Ikan Champor	-	-	291	1,443	1,540	197	-	-	-	2,023	378	-	-	11,022	16,894	1,006
Udang	Crustacea	-	258	1,074	1,489	-	-	431	-	-	-	-	-	10,399	13,651	812
Ketam	Crustacea	-	-	70	143	-	-	-	-	-	-	-	447	1,511	2,171	129
Sotong	Mollusc	-	219	-	-	-	-	-	-	-	-	-	-	3,739	3,958	236
Siput	Mollusc	-	-	-	-	-	-	-	-	-	-	5,400	-	-	5,400	321
TOTAL (In Piculs)		-	4,719	350,004	9,132	1,290	-	1,479	-	9,141	1,602	5,400	447	116,225	499,439	
TOTAL (In Tons)		-	281	20,833	544	77	-	88	-	544	95	321	27	6,918		29,728

1 ton = 16.8 piculs.

LBK/lly.

Table VIC
(Jadual VIC)

TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1969

BY GEAR GROUPS AND TYPES OF FISH - PENANG

TYPES 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.	-	-	27	220	-	-	-	-	-	-	-	-	3,944	4,191	249
Aya/Tongkol	Euthynnus spp.	-	-	2,905	101	-	-	-	-	13,187	-	-	-	-	16,193	964
Bawal	Stromateus spp.	-	4	642	2,615	-	-	-	-	-	-	-	-	3,930	7,191	428
Belanak/Kedera	Mugilidae	-	-	9,173	2,656	-	-	-	-	-	-	-	-	-	11,829	704
Bilis	Stolephorus spp.	-	-	36,400	-	-	-	-	-	-	-	-	-	-	36,400	2,167
Chincharu	Megalaspis cordyla	-	-	21,694	5,574	-	-	60	-	-	-	-	-	597	27,925	1,662
Duri	Tachysuridae	-	150	635	6,683	-	-	48	-	6,726	-	-	-	8,266	22,508	1,340
Gelama	Sciaenidae	-	398	5,385	94	-	-	958	-	646	-	-	-	3,437	15,898	946
Gerut2	Pomadasys hasta	-	-	43	353	-	-	-	-	623	921	-	-	2,585	4,525	269
Jenahak	Lutianus	-	-	51	-	-	-	-	-	1,388	1,077	-	-	2,364	4,880	290
Kobasi/Selangat	Dorosoma chacunda	-	4	556	740	-	-	555	-	-	-	-	-	137	1,992	119
Kembong	Rastrelliger kanagurta	-	-	47,159	217	-	-	-	-	-	-	-	-	2,651	50,027	2,978
Kerapu	Serranidae	-	-	-	-	-	-	-	-	1,473	1,220	-	-	1,608	4,301	256
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	3,591	3,461	-	-	3,092	10,144	604
Kikek	Leiognathidae	-	130	358	-	-	-	6	-	48	8	-	-	2,701	3,251	193
Kurau/Senangin/ Senohong	Polynemus spp.	-	15	53	2,713	-	-	-	-	220	-	-	-	28	3,029	180
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	7,730	14,852	-	-	1,634	24,196	1,440
Parang2	Chirocentrus dorab	-	-	-	5,927	-	-	-	-	-	-	-	-	3,558	9,485	565
Pari	Dasyatidae	-	37	710	601	-	-	-	-	3,325	-	-	-	4,466	9,139	544
Pelata	Caranx spp.	-	108	9,266	-	-	-	-	-	6	-	-	-	800	10,180	606
Selar	Caranx spp.	-	-	919	-	-	-	-	-	-	-	-	-	64	983	59
Selayang	Decapterus russellii	-	-	13,786	20	-	-	-	-	13	-	-	-	-	13,819	823
Shrumbu	Lactarius lactarius	-	-	192	2	-	-	-	-	-	-	-	-	3,473	3,667	218
Tamban	Clupea spp.	-	7	3,503	138	-	-	-	-	-	-	-	-	2,966	6,614	394
Tenggiri	Scomberomorus spp.	-	-	-	6,897	-	-	-	-	-	-	-	-	1,665	8,562	510
Timah/Selayor	Trichiurus spp.	-	-	66	-	-	-	-	-	-	-	-	-	-	66	4
Yu	Galeorhinidae	-	-	335	606	-	-	-	-	54	4	-	-	2,639	3,638	217
Buat Baja	-	-	1,385	25,334	-	-	-	16,552	-	-	-	-	-	120,202	163,473	9,731
Ikan Chamor	-	-	452	4,317	1,522	-	-	3,276	-	2,064	-	-	-	42,013	53,644	3,193
Udang	Crustacea	-	241	28,294	505	-	-	17,458	-	-	-	-	-	18,189	64,687	3,850
Udang Baring	Crustacea	-	-	-	-	-	9,430	6,365	-	-	-	-	-	-	15,795	940
Ketam	Crustacea	-	-	3,017	1,755	-	-	107	-	-	1,073	-	482	1,915	8,349	497
Sotong	Mollusc	-	-	-	-	-	-	-	-	-	-	-	-	6,418	6,418	381
Marlin	Makaira spp.	-	-	-	-	-	-	-	-	367	-	-	-	-	367	22
TOTAL (In Piculs)		-	2,931	214,820	39,959	-	9,430	45,365	-	41,461	22,596	-	482	250,342	627,366*	
TOTAL (In Tons)			175	12,787	2,377		561	2,700	-	2,468	1,345	-	29	14,901		37,343

* Including 13,187 piculs tuna, 367 piculs marlin and 2,061 piculs ikan chamor landed by Oceanic Fisheries.

1 ton = 16.8 piculs.

LBK/llv

Table VII
(Jadual VII)

TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1982

BY GEAR GROUPS AND TYPES OF FISH - PERAK

TYPES 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?/Kachang	Sphyraena spp.	-	-	49	38	-	-	-	-	-	-	-	-	1,148	1,235	74
Aya/Tongkol	Euthynnus spp.	-	-	1,196	727	-	-	-	-	-	-	-	-	-	1,923	115
Bawal	Stromateus spp.	143	51	130	6,665	603	-	-	-	-	-	-	-	1,528	9,120	543
Belanak/Kodera	Mugilidae	6	-	22,844	690	-	-	-	-	-	-	-	-	-	23,540	1,401
Biji Nangka	Upeneus tragula	-	-	-	-	-	-	-	-	-	-	-	-	8,172	8,172	487
Bilis	Stolephorus spp.	10,560	-	94,457	-	-	-	-	-	-	-	-	-	-	105,017	6,251
Chermin	Caranx gallus	-	-	48	-	-	-	-	-	-	-	-	-	2,245	2,293	137
Chincharu	Megalaspis cordyla	-	-	12,151	9,568	-	-	-	-	-	-	-	-	162	21,881	1,302
Daun Bahru	Drepane punctata	-	-	-	-	-	-	-	-	-	-	-	-	597	597	36
Delah	Caesio erythrogaster	-	-	-	19	-	-	-	-	-	9	-	-	-	28	2
Duri	Tachysuridae	-	-	-	4,585	-	-	-	-	20,611	-	-	-	3,913	29,109	1,733
Gelama	Sciaenidae	6	-	5,454	866	-	-	-	-	632	-	-	-	18,721	25,679	1,529
Gerut?	Pomadasys hasta	-	-	-	58	-	-	-	-	12	-	-	-	806	868	52
Jenahak	Lutianus argentimaculatus	28	-	-	-	-	-	-	-	1,208	2,083	-	-	195	3,512	209
Kabasi/Selangat	Dorosoma chacunda	-	-	-	-	-	-	-	-	-	-	-	-	1,040	1,040	62
Kembong	Rastrelliger Kanagurta	-	6,620	524,191	40	-	-	5	-	-	-	-	-	-	530,856	31,599
Kerapu	Serranidae	-	-	-	-	-	-	-	-	3,983	5,309	-	-	264	9,506	566
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	11,919	1,143	-	-	2,034	15,096	899
Kikek	Leiognathidae	-	-	-	-	-	-	-	-	-	-	-	-	2	2	@
Kurau/Senangin	Polynemus spp.	-	-	-	8,123	-	-	-	-	29	-	-	-	-	8,152	485
Lidah/Sebelah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	3,766	3,766	224
Malong	Muraenesox cinereus	-	-	-	61	-	-	-	-	405	-	-	-	2,804	3,270	192
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	19,711	11,622	-	-	3	31,336	1,865
Parang?	Chirocentrus dorab	28	-	-	8,659	-	-	-	-	-	-	-	-	1,636	9,723	579
Pari	Dasyatidae	-	-	142	1,259	-	-	-	-	2,225	-	-	-	2,543	6,169	367
Pelata	Caranx spp.	679	-	2,395	-	-	-	-	-	-	-	-	-	342	3,416	203
Puput	Pellona spp.	-	-	-	-	-	-	-	-	-	-	-	-	1,902	1,902	113
Selayang	Decapterus russellii	-	-	4,850	216	-	-	-	-	39	-	-	-	1,110	6,255	372
Semilang	Plotosus spp.	-	-	-	-	-	-	-	-	5,756	-	-	-	-	5,756	343
Shrumbu/Lelemah	Lactarius lactarius	-	-	-	-	-	-	-	-	-	-	-	-	421	421	25
Tamban	Clupea spp.	544	-	5,544	-	-	-	-	-	-	-	-	-	-	6,088	362
Tenggiri	Scomberomorus spp.	15	-	-	5,930	-	-	-	-	-	-	-	-	204	6,149	366
Timah/Selayor	Trichiurus spp.	168	-	-	996	-	-	-	-	-	-	-	-	8,143	9,307	554
Yu	Galeorhinidae	-	-	-	2,341	-	-	-	-	642	-	-	-	198	3,187	190
Buat Baja	-	3,642	8,105	137,881	9	-	-	40,187	-	10	-	-	-	65,700	255,534	15,210
Ikan Champor	-	1,906	3,420	17,018	11,677	-	-	8,045	-	351	61	-	-	28,687	70,265	4,182
Udang	Crustacea	554	10,744	109,289	28,322	-	-	45,590	-	15	-	-	-	71,461	265,967	15,831
Udang Paring	Crustacea	-	2,128	6,586	3	-	2,395	41,066	-	-	-	-	-	5,154	57,332	3,413
C/F SUB - TOTAL		17,379	31,068	944,257	90,250	603	2,395	134,893	-	67,498	20,227	-	-	234,899	1,543,469	91,873

@ less than 1 ton.

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TYPES 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
B/F		17,379	31,068	944,257	90,250	603	2,395	134,893	-	67,498	20,227	-	-	234,899	1,543,469	91,873
Ketam	Crustacea	-	-	8,726	1,619	-	-	-	-	-	-	-	11,826	940	23,111	1,376
Sotong	Mollusc	-	-	69	-	-	-	-	-	-	-	-	-	10,247	10,316	614
Kerang	Mollusc	-	-	-	-	-	-	-	-	-	-	452,750	-	-	452,750	26,949
Siput	Mollusc	-	-	-	-	-	-	-	-	-	-	4,812	-	-	4,812	287
TOTAL (In Piculs)		17,379	31,068	953,052	91,869	603	2,395	134,893	-	67,498	20,227	457,562	11,826	246,086	2,034,458	
TOTAL (In Tons)		1,035	1,849	56,729	5,468	36	143	8,029	-	4,018	1,204	27,236	704	14,648		121,099

1 ton = 16.8 piculs.

LBK/lly.

~~Jadual VIE~~
(Jadual VIE)

BY GEAR GROUPS AND TYPES OF FISH -SELANGOR

TYPES OF FISH		Fishing Stakes (Large)	Fishing Stakes (Small)	Seine Nets	Gill/ Drift Nets	Lift Nets	Push/ Scoop Nets	Bag Nets	Carrier Nets	Lines	Traps & Pots	Shell-fish	Miscell-aneous	Trawl Nets	TOTAL	
Local Name	Scientific Name														Piculs	Tons
Alu2	Sphyraena spp.	-	-	-	427	-	-	-	266	29	-	-	-	55	777	46
Bawal	Stromateus spp.	15	-	335	5,326	3,188	-	-	-	-	-	-	-	536	9,400	560
Belanak/Kedera	Mugilidae	-	-	4,713	5,510	-	-	-	587	7	-	-	-	670	11,487	684
Biji Nangka	Upeneus tragula	-	-	-	-	-	-	-	-	-	-	-	-	391	391	23
Bilis	Stolephorus spp.	25	-	86,318	-	-	-	-	-	-	-	-	-	-	86,343	5,140
Chincharu	Megalaspis cordyla	82	-	8,937	1,158	-	-	-	9	1,085	-	-	-	115	11,386	678
Duri	Tachysuridae	-	-	729	516	-	-	-	556	3,873	-	-	-	466	6,140	365
Gelame	Sciaenidae	-	-	448	80	-	-	-	227	622	-	-	-	941	2,318	138
Gerut2	Pomadasys hasta	-	-	-	48	-	-	-	3	220	-	-	-	30	301	18
Jenahak	Lutianus	-	-	-	56	-	-	-	3	980	288	-	-	47	1,374	82
Kebasi	Dorosoma chacunda	22	-	966	1,284	-	-	-	-	-	-	-	-	-	2,272	135
Kembong	Rastrelliger kanagurta	-	-	110,388	-	153	-	-	-	-	-	-	-	-	110,541	6,580
Kerapu	Serranidae	-	-	-	-	-	-	-	-	296	54	-	-	44	394	22
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	-	-	-	-	77	77	5
Kurau	Polynemus soo.	-	-	-	1,846	-	-	-	30	234	-	-	-	34	2,144	128
Lidah/Sabelah	Soleidae	-	-	-	10	-	-	-	1	-	-	-	-	684	695	41
Malong	Muraenesox cinereus	-	-	-	32	-	-	-	-	3,716	-	-	-	362	4,110	245
Merah	Lutianus soo.	-	-	-	11	-	-	-	-	707	513	-	-	28	1,259	75
Parang2	Chirocentrus dorab	61	-	-	13,807	-	-	-	-	76	-	-	-	52	13,996	833
Pari	Dasyatidae	-	-	107	24	-	-	-	187	3,058	-	-	-	741	4,117	245
Puput	Pellona spp.	-	-	-	-	-	-	-	-	-	-	-	-	37	37	2
Selar	Caranx spp.	-	-	1,616	4	-	-	-	-	-	-	-	-	3	1,623	97
Selayang	Decenterus russellii	-	-	28,470	-	-	-	-	-	-	-	-	-	-	28,470	1,695
Semilang	Plotosus soo.	1	-	143	13	-	-	-	331	215	-	-	-	-	703	42
Tatang	Chorinemus spp.	-	-	-	642	-	-	-	-	-	-	-	-	-	642	38
Tamban	Clupea soo.	-	-	7,301	367	-	-	-	-	-	-	-	-	-	7,668	456
Tenggiri	Scomberomorus soo.	64	-	-	11,637	-	-	-	-	47	-	-	-	2	11,750	699
Terubok	Clupea macrura	-	-	-	28	-	-	-	3	-	-	-	-	-	31	2
Timah	Trichiurus spp.	-	-	-	89	-	-	-	-	39	-	-	-	99	227	14
Yu	Galeorhinidae	-	-	-	1,784	-	-	-	1	1,025	-	-	-	739	3,549	211
Buat Baja	-	498	-	1,659	-	-	-	31,132	752	-	-	-	-	116,284	150,325	8,948
Ikan Champor	-	557	-	1,100	1,537	-	-	14	400	1,157	-	-	-	4,463	9,228	549
Udang	Crustacea	1	-	721	395	-	-	81,712	592	4	-	-	-	52,280	135,705	8,078
Udang Baring	Crustacea	-	-	-	-	-	2,533	18,929	-	-	-	-	-	-	21,462	1,278
Ketam	Crustacea	-	-	5	-	-	-	4	298	-	-	-	2,725	900	3,932	234
Sotong	Mollusc	30	-	103	-	-	-	-	-	-	-	-	-	641	774	46
Kerang	Mollusc	-	-	-	-	-	-	-	-	-	-	14,055	-	-	14,055	836
TOTAL (In Piculs)		1,356	-	254,869	46,631	3,341	2,533	131,791	4,246	17,390	855	14,055	2,725	180,721	659,703	
TOTAL (In Tons)		81	-	15,122	2,776	199	151	7,845	253	1,035	51	836	162	10,757		39,268

1 ton = 16.8 piculs.

LBK/lly.

Table VIF
(Jadual VIF)

WEST MALAYSIA

TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1969

BY GEAR GROUPS AND TYPES OF FISH-NEGERI SEMBILAN

TYPES 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
Bawal	Stromateus spp.	-	-	-	81	-	-	-	-	-	-	-	-	-	81	5
Chincharu	Megalaspis cordyla	-	-	-	362	-	-	-	-	498	-	-	-	-	860	51
Duri	Tachysuridae	-	-	-	12	-	-	-	-	41	-	-	-	-	53	3
Jenahak	Lutianus argentimaculatus	-	-	-	-	-	-	-	-	74	100	-	-	-	174	10
Kembong	Rastrelliger kanagurta	-	-	-	58	-	-	-	-	-	-	-	-	-	58	4
Kerapu	Serranidae	-	-	-	-	-	-	-	-	-	34	-	-	-	34	2
Kurau/Senangin/ Senohong	Polynemus spp.	-	-	36	-	-	-	-	-	10	-	-	-	-	46	3
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	699	174	-	-	-	873	52
Parang2	Chirocentrus dorab	-	-	-	1,370	-	-	-	-	-	-	-	-	-	1,370	82
Pari	Dasyatidae	-	-	-	-	-	-	-	4	51	-	-	-	-	55	3
Senilang	Plotosus spp.	-	-	4	-	-	-	-	28	-	-	-	-	-	32	2
Talang	Chorinemus spp.	-	-	2	40	-	-	-	-	-	-	-	-	-	42	3
Tenggiri	Scomberomorus spp.	-	-	-	1,283	-	-	-	-	-	-	-	-	-	1,283	76
Yu	Caleorrhinidae	-	-	-	17	-	-	-	-	2	-	-	-	-	19	1
Ikan Champor	-	-	-	148	576	-	-	-	108	607	156	-	-	-	1,595	95
Udang	Crustacea	-	-	72	2	-	-	-	74	-	-	-	-	-	148	9
Ketam	Crustacea	-	-	-	-	-	-	-	-	-	-	-	190	-	190	11
Sotong	Mollusc	-	-	1	-	-	-	-	-	-	-	-	-	-	1	@
TOTAL (In Piculs)		-	-	263	3,801	-	-	-	214	1,982	464	-	190	-	6,914	
TOTAL (In Tons)		-	-	16	226	-	-	-	13	118	28	-	11	-	-	412

1 ton = 16.8 piculs

@ less than 1 ton.

LBK/lly.

Table VIG
(Jadual VIG)

TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1966
BY GEAR GROUPS AND TYPES OF FISH - MALACCA

TYPES 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
Alu2	Sphyraena spp.	-	-	-	8	-	-	-	-	-	-	-	-	-	8	@
Aruan Tasek	Rachycentron canadus	-	-	-	113	-	-	-	-	46	-	-	-	-	159	9
Bawal	Stromateus spp.	124	28	-	580	-	-	-	-	-	-	-	-	-	732	44
Belanak/Kedera	Mugilidae	-	-	6	-	-	-	-	3	-	-	-	-	-	9	@
Chincharu	Megalasois cordyla	-	-	-	7	-	-	-	-	223	-	-	-	-	230	14
Duri	Tachysuridae	-	-	9	378	-	-	-	1	101	-	-	-	-	489	29
Gelama	Sciaenidae	269	137	-	410	-	-	-	1	182	-	-	-	-	999	60
Jenahak	Lutianus argentimaculatus	-	-	-	-	-	-	-	-	92	11	-	-	-	103	6
Kebasi/Selangat	Dorosoma chacunda	-	-	-	173	-	-	-	-	-	-	-	-	-	173	10
Kembong	Rastrelliger kanagurta	-	-	-	20	-	-	-	-	59	-	-	-	-	79	5
Kerapu	Serranidae	-	-	-	-	-	-	-	-	122	16	-	-	-	138	8
Kurau/Senangin/ Senohong	Polynemus spp.	-	-	-	376	-	-	-	-	113	-	-	-	-	489	29
Malong	Muraenesox cinereus	-	-	-	57	-	-	-	-	44	-	-	-	-	101	6
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	70	13	-	-	-	83	5
Parang2	Chirocentrus dorab	-	-	-	7,484	-	-	-	-	-	-	-	-	-	7,484	446
Pari	Dasyatidae	63	29	-	40	-	-	-	-	85	-	-	-	-	217	13
Puput	Pellona spp.	-	-	-	103	-	-	-	-	-	-	-	-	-	103	6
Selar	Caranx spp.	-	-	-	-	-	-	-	-	180	-	-	-	-	180	11
Selayang	Decepterus russellii	-	-	-	7	-	-	-	-	66	-	-	-	-	73	4
Semilang	Plotosus spp.	-	-	-	-	-	-	-	6	-	-	-	-	-	6	@
Talang	Chorinemus spp.	-	-	-	649	-	-	-	-	-	-	-	-	-	649	39
Tamban	Clupea spp.	4	7	14	4	-	-	-	-	-	-	-	-	-	29	2
Tenggiri	Scomberomorus spp.	-	-	-	6,421	-	-	-	-	5	-	-	-	-	6,426	383
Timah/Selayor	Trichiurus spp.	2	6	-	140	-	-	-	-	-	-	-	-	-	148	9
Yu	Galeorhinidae	12	1	-	27	-	-	-	-	34	-	-	-	-	74	4
Buat Baja	-	2,027	2,135	148	6	-	-	-	-	-	-	-	-	-	4,316	257
Ikan Champor	-	288	211	20	329	-	1	-	13	156	9	-	-	-	1,027	61
Udang	Crustacea	980	789	245	198	-	165	-	-	-	-	-	-	-	2,377	141
Udang Baring	Crustacea	368	811	-	-	-	1,648	-	-	-	-	-	-	-	2,827	168
Siput	Mollusc	-	-	-	-	-	-	-	-	-	-	28	-	-	28	2
TOTAL (In Piculs)		4,137	4,154	442	17,530	-	1,814	-	24	1,578	49	28	-	-	29,756	
TOTAL (In Tons)		246	247	26	1,044	-	108	-	1	94	3	2	-	-		1,771

1 ton = 16.8 piculs. @ Less than 1 ton

Table VIII
(Jadual VIH)

[redacted]

BY GEAR GROUPS AND TYPES OF FISH- KELANTAN

TYPES 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
Aya/Tongkol	Euthynnus spp.	-	-	350	498	-	-	-	-	337	-	-	-	-	1,185	70
Bawal	Stromateus spp.	-	-	-	569	853	-	-	-	-	-	-	-	-	1,422	85
Biji Nangka	Upeneus tragula	-	-	69	-	14	-	-	-	-	-	-	-	1,717	1,800	107
Bilis	Stolephorus spp.	-	-	285	-	-	-	-	-	-	-	-	-	-	285	17
Chermin/Sagai	Caranx gallus	-	-	-	-	-	-	-	-	-	-	-	-	207	207	12
Chincharu	Megalaspis cordyla	-	-	8	-	-	-	-	-	20	-	-	-	-	28	2
Demudok	Caranx ferdau	-	-	-	-	-	-	-	-	16	-	-	-	-	16	1
Duri	Tachysuridae	-	-	188	575	-	-	-	-	546	-	-	-	116	1,425	85
Gelama	Sciaenidae	-	-	134	428	-	-	-	-	53	856	-	-	555	2,026	121
Gerong2/Daing Belang	Caranx speciosus	-	-	-	-	-	-	-	-	41	-	-	-	-	41	2
Jenahak	Lutianus argentimaculatus	-	-	-	-	-	-	-	-	436	2,241	-	-	-	2,677	159
Kachi	Plectorhyncus pictus	-	-	-	-	-	-	-	-	-	593	-	-	-	593	35
Kembong	Rastrelliger kanagurta	-	-	4,835	888	3,326	-	-	-	-	-	-	-	-	9,049	539
Kerapu	Serranidae	-	-	-	-	-	-	-	-	108	1,083	-	-	-	1,191	71
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	754	1,265	-	-	2,103	4,122	245
Kikek	Leiognathidae	-	-	20	-	-	-	-	-	-	-	-	-	1,577	1,597	95
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	757	7,205	-	-	-	7,962	474
Parang2	Chirocentrus dorab	-	-	-	1,138	-	-	-	-	88	-	-	-	-	1,226	73
Pari	Dasyatidae	-	-	-	91	-	-	-	-	-	-	-	-	-	91	5
Pelata	Caranx spp.	-	-	-	-	86	-	-	-	-	-	-	-	-	86	5
Selar	Caranx spp.	-	-	770	-	-	-	-	-	182	-	-	-	-	952	57
Selar Kuning	Selaroides leptolepis	-	-	1,525	-	9,577	-	-	-	-	-	-	-	-	11,102	661
Selar Puchat	Selar megalaspis	-	-	-	-	-	-	-	-	62	-	-	-	-	62	4
Selayang	Decapterus russellii	-	-	2,795	-	1,060	-	-	-	-	-	-	-	-	3,855	229
Tamban	Clupea spp.	-	-	9,825	1,511	4,240	-	-	-	-	-	-	-	-	15,576	927
Tenggiri	Scomberomorus spp.	-	-	-	1,823	-	-	-	-	3,448	-	-	-	414	5,685	338
Timah/Selayor	Trichiurus spp.	-	-	167	1,170	-	-	-	-	-	-	-	-	174	1,511	90
Yu	Galeorhinidae	-	-	-	338	-	-	-	-	76	-	-	-	-	414	25
Buat Baje	-	-	-	-	-	-	-	-	-	-	-	-	-	2,646	2,646	158
Ikan Champor	-	-	-	278	34	- 8	-	-	-	36	15	-	-	666	1,037	62
Udang	Crustacea	-	-	-	953	-	-	-	-	-	-	-	-	2,257	3,110	185
Udang Baring	Crustacea	-	-	4,600	-	-	231	-	-	-	-	-	-	-	4,831	288
Sotong	Mollusc	-	-	-	-	-	-	-	-	-	-	-	454	18	472	28
TOTAL (In Piculs)		-	-	25,849	9,916	19,164	231	-	-	6,960	13,258	-	454	12,450	88,282	
TOTAL (In Tons)		-	-	1,539	590	1,141	14	-	-	414	789	-	27	741		5,255

1 ton = 16.8 piculs.

LBK/lly.

WEST MALAYSIA

TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1969

BY GEAR GROUPS AND TYPES OF FISH-TRENGGANU

Table VIi
(Jadual VIi)

TYPES 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.	-	-	310	-	220	-	-	-	644	-	-	-	130	1,304	78
Aruan Tasek	Rachycentron canadus	-	-	-	-	-	-	-	-	-	324	-	-	-	324	19
Aya/Tongkol	Euthynnus spp.	-	-	484	12,897	215	-	-	-	14,160	-	-	-	-	27,756	1,652
Bawal	Stromateus spp.	-	-	32	13	1,025	-	-	-	-	-	-	-	26	1,096	65
Biji Nangka	Uberous tragula	-	-	-	-	-	-	-	-	-	-	-	-	870	870	52
Bilis	Stolephorus spp.	-	-	44,328	-	-	10	-	-	-	-	-	-	-	44,338	2,639
Chermin	Carana gallus	-	-	-	-	-	-	-	-	573	503	-	-	358	1,434	85
Chincharu	Megalaspis cordyla	-	-	407	7,135	40	-	-	-	157	-	-	-	-	7,739	461
Daun Bahru	Drepane punctata	-	-	-	-	-	-	-	-	-	-	-	-	22	22	1
Delah	Caesio erythrogaster	-	-	-	-	-	-	-	-	-	282	-	-	-	282	17
Demudok	Caranx ferdau	-	-	-	-	-	-	-	-	10	872	-	-	-	882	53
Duri	Tachysuridae	-	-	5,080	52	-	-	-	-	5,384	-	-	-	861	11,377	677
Gelama	Sciaenidae	-	-	3,497	67	-	-	-	-	285	5	-	-	1,274	5,128	305
Gerong2	Caranx speciosus	-	-	-	-	-	-	-	-	-	232	-	-	-	232	14
Gerut2	Pomadasys hasta	-	-	-	-	-	-	-	-	-	1,527	-	-	136	1,663	99
Jebong	Abalistes stellaris	-	-	-	-	-	-	-	-	-	1,186	-	-	-	1,186	71
Kachi	Plectorhyncus pictus	-	-	-	-	-	-	-	-	83	3,386	-	-	10	3,479	207
Kembong	Rastrelliger kanagurta	-	-	22,823	17,747	7,832	-	-	-	-	-	-	-	11	48,413	2,882
Kerapu	Serranidae	-	-	-	-	-	-	-	-	1,781	6,858	-	-	3	8,642	514
Kerisi	Nemipteridae	-	-	-	-	-	-	-	-	3,694	3,578	-	-	786	8,058	480
Kikek	Leiognathidae	-	-	779	1,521	-	-	-	-	-	2	-	-	2,242	4,544	270
Kurau	Polynemus spp.	-	-	369	-	-	-	-	-	-	-	-	-	-	369	22
Lidah	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	161	161	9
Merah	Lutianus spp.	-	-	-	-	-	-	-	-	1,156	21,986	-	-	5	23,147	1,378
Parang2	Chirocentrus dorab	-	-	40	1,819	-	-	-	-	2,709	-	-	-	-	4,568	272
Pari	Dasyatidae	-	-	-	15	-	-	-	-	57	-	-	-	287	359	21
Pelata	Caranx spp.	-	-	125	-	184	-	-	-	-	-	-	-	-	309	18
Remong	Lutianus spp.	-	-	-	-	-	-	-	-	-	2,868	-	-	85	2,953	176
Selar	Caranx spp.	-	-	580	15,402	1,016	-	-	-	237	-	-	-	-	17,235	1,027
Selar Kuning	Selaroides leptolepis	-	-	10,278	-	10,062	-	-	-	-	-	-	-	321	20,661	1,230
Selar Puchat	Selar megalaspis	-	-	-	-	475	-	-	-	-	-	-	-	-	475	28
Selayang	Decapterus russellii	-	-	7,730	-	30,554	-	-	-	-	-	-	-	-	38,284	2,279
Shrumbu	Lactarius lactarius	-	-	948	-	-	-	-	-	-	-	-	-	-	948	56
C/F SUB - TOTAL		-	-	97,810	56,668	51,623	10	-	-	38,930	43,609	-	-	7,588	288,238	17,157

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TYPES 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
B/F		-	-	97,810	56,668	51,623	10	-	-	30,930	43,609	-	-	7,588	288,238	17,157
Tamban	Clupea spp.	-	-	30,617	-	6,369	-	-	-	-	-	-	-	-	36,986	2,202
Tenggiri	Scomberomorus spp.	-	-	-	10,377	-	-	-	-	12,541	-	-	-	-	22,918	1,364
Timah	Trichiurus spp.	-	-	3,020	84	-	-	-	-	-	-	-	-	194	3,298	196
Yu	Galeorhinidae	-	-	-	2,210	39	-	-	-	1,061	-	-	-	32	3,342	199
Buat Baja	-	-	-	-	-	-	-	-	-	-	-	-	-	3,511	3,511	209
Ikan Champor	-	-	-	6,519	959	166	17	-	-	484	634	-	-	1,941	10,720	638
Udang	Crustacea	-	-	189	-	-	-	-	-	-	-	-	-	2,827	3,016	180
Udang Baring	Crustacea	-	-	1,349	-	-	1,363	-	-	-	-	-	-	-	2,712	161
Sotong	Mollusc	-	-	321	-	-	-	-	-	-	-	-	6,286	175	6,782	404
TOTAL (In Piculs)		-	-	139,825	70,298	58,197	1,390	-	-	45,016	44,243	-	6,286	16,268	381,523	
TOTAL (In Tons)		-	-	8,323	4,184	3,464	83	-	-	2,680	2,634	-	374	968		22,710

1 ton = 16.8 piculs.

LBK/lly.

(Jadual VIJ)

BY GEAR GROUPS AND TYPES OF FISH - PAHANG

@ Less than 1 ton

TYPES 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
Alu2	Sphyraena spp.	-	-	-	14	-	-	-	-	41	-	-	-	180	235	14
Aruan Tasek	Rachycentron	-	-	-	25	-	-	-	-	53	-	-	-	-	78	5
Aya/Tongkol	Euthynnus spp.	-	-	-	1,088	-	-	-	-	429	-	-	-	-	1,517	90
Bawal	Stromateus spp.	-	-	81	54	-	-	-	-	-	-	-	-	43	178	11
Belanak/Kedera	Mugilidae	-	-	34	141	-	-	-	-	-	-	-	-	-	175	10
Biji Nangka	Upeneus tragula	34	-	-	-	-	-	-	-	-	-	-	-	156	190	11
Bilis	Stolephorus spp.	534	-	10,497	-	-	-	-	-	-	-	-	-	17	12,048	717
Chermin/Sagai	Caranx gallus	-	-	-	4	-	-	-	-	46	-	-	-	106	156	9
Chincharu	Megalaspis cordyla	-	-	230	156	-	-	-	-	492	-	-	-	-	878	52
Daun Bahru	Drepane punctata	-	-	-	-	-	-	-	-	-	-	-	-	315	315	19
Delah	Caesio erythrogaster	-	-	-	2	-	-	-	-	-	-	-	-	-	2	@
Demudok	Caranx ferdau	-	-	-	-	-	-	-	-	214	245	-	-	-	459	27
Dingkis	Siganidae	-	-	-	-	-	-	-	-	4	-	-	-	287	287	17
Duri	Tachysuridae	-	-	3,826	849	-	-	-	-	742	-	-	-	1,092	6,509	388
Gelama	Sciaenidae	-	-	247	345	-	-	-	-	342	-	-	-	1,334	2,268	135
Gerong2/Daing Belang	Caranx speciosus	-	-	-	3	-	-	-	-	-	-	-	-	-	3	@
Gerut2	Pomadasys hasta	-	-	-	-	-	-	-	-	96	-	-	-	-	96	6
Jenahak	Lutianus	-	-	-	-	-	-	-	-	-	26	-	-	-	26	2
Kachi	Plectorhyncus pictus	-	-	-	2	-	-	-	-	72	276	-	-	24	374	22
Kebasi/Selangat	Dorosoma chacunda	-	-	-	-	-	-	-	-	-	-	-	-	19	19	1
Kembong	Rastrelliger kanagurta	-	-	440	6,963	119	-	-	-	-	-	-	-	-	7,522	448
Kerapu	Serranidae	-	-	-	-	-	-	-	-	151	250	-	-	-	401	24
Kerisi	Nemipteridae	-	-	-	191	-	-	-	-	2,721	2	-	-	1,288	4,202	250
Kikek	Leiognathidae	-	-	583	-	-	-	-	-	-	-	-	-	2,845	3,428	204
Kurau/Senangin/ Senohong	Polynemus spp.	-	-	13	90	-	-	-	-	-	-	-	-	-	103	6
Lidah/Sebeleh	Soleidae	-	-	-	-	-	-	-	-	-	-	-	-	6	6	@
Malong	Muraenesox cinereus	-	-	-	-	-	-	-	-	-	-	-	-	12	12	1
Merah	Lutianus spp.	-	-	-	16	-	-	-	-	289	436	-	-	133	874	52
Parang2	Chirocentrus dorab	63	-	3	1,565	-	-	-	-	170	-	-	-	8	1,809	108
Pari	Dasyatidae	-	-	13	473	4,150	-	-	-	190	-	-	-	803	5,629	335
Puput	Pellona spp.	-	-	-	7	-	-	-	-	-	-	-	-	24	31	2
Remong/Kunyit	Lutianus spp.	-	-	-	-	-	-	-	-	-	16	-	-	173	189	11
Selar	Caranx spp.	32	-	-	739	352	-	-	-	700	-	-	-	1	1,824	109
Selar Kuning	Selaroides leptolepis	447	-	257	88	33,439	-	-	-	-	-	-	-	853	35,084	2,088
Selayang	Decapterus russellii	-	-	-	12	5,014	-	-	-	-	-	-	-	-	5,026	299
C/F SUB - TOTAL		2,110	-	16,224	12,827	43,074	-	-	-	6,748	1,251	-	-	9,719	91,953	5,473

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TYPES 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
B/F		2,110	-	16,224	12,827	43,074	-	-	-	6,748	1,291	-	-	9,719	91,953	5,473
Talang	Chorinemus spp.	-	-	4	71	-	-	-	-	44	-	-	-	-	119	7
Tamban	Clupea spp.	893	-	3,300	-	4,371	-	-	-	-	-	-	-	-	8,564	510
Tenggiri	Scomberomorus spp.	-	-	23	4,857	-	-	-	-	2,353	-	-	-	-	7,233	431
Timah/Selayor	Trichiurus spp.	-	-	-	-	-	-	-	-	-	-	-	-	9	9	@
Yu	Galeorhinidae	-	-	21	1,036	-	-	-	-	191	-	-	-	451	1,699	101
Buat Baja	-	666	-	3,402	629	-	40	90	-	-	-	-	-	12,434	17,261	1,027
Ikan Chamoor	-	401	-	1,694	1,382	843	-	-	-	299	207	-	-	2,712	7,538	449
Udang	Crustacea	-	-	46	1,443	-	5	5	-	6	-	-	-	2,694	4,199	250
Ketam	Crustacea	-	-	-	5	-	-	-	-	-	-	-	-	129	134	8
Sotong	Mollusc	503	-	31	10	-	-	-	-	488	-	-	-	1,016	2,048	122
TOTAL (In Piculs)		4,573	-	24,745	22,260	48,288	45	95	-	10,129	1,458	-	-	29,164	140,757	
TOTAL (In Tons)		272	-	1,473	1,325	2,874	3	6	-	603	87	-	-	1,736		8,378

1 ton = 16.8 piculs.

@ Less than 1 ton.

LBK/lly.

(Jadual VIK)

TYPES 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.	212	45	42	-	-	-	-	10	-	-	-	-	95	404	24
Aya/Tongkol	Euthynnus spp.	-	-	395	3,746	-	-	-	-	70	-	-	-	-	4,209	251
Bawal	Stromateus spp.	-	-	-	-	150	-	50	-	-	-	-	-	100	300	18
Belanak/Kedera	Mugilidae	215	540	-	-	-	-	-	40	-	-	-	50	-	845	50
Bilis	Stolephorus spp.	7,553	-	-	-	-	-	-	-	-	-	-	-	-	7,553	450
Chermin/Sagai	Caranx gallus	40	-	402	115	-	-	-	-	325	-	-	-	975	1,857	110
Chincharu	Megalaspis cordyla	15	-	988	5	-	-	-	-	1,567	-	-	-	68	2,643	157
Demudok	Caranx [illegible]	-	-	-	-	-	-	-	-	-	-	-	-	448	448	27
Duri	Tachysuridae	-	-	-	-	-	-	-	-	37	-	-	-	682	719	43
Gelama	Sciaenidae	-	-	-	-	-	-	-	-	15	-	-	-	4,993	5,008	298
Jenahak	Lutianus	-	-	-	-	-	-	-	-	-	195	-	-	-	195	12
Kachi	Plectorhyncus pictus	-	-	-	-	-	-	-	-	-	541	-	-	274	815	49
Kebasi/Selangat	Dorosoma chacunda	40	-	-	-	-	-	-	-	-	-	-	-	-	40	2
Kembong	Rastrelliger kanagurta	-	-	3,067	2,658	5,988	-	-	-	-	-	-	-	100	11,813	703
Kerapu	Serranidae	-	192	-	-	-	-	-	-	1,806	525	-	-	340	2,863	170
Kerepoh	Caranx Sexfasciatus	-	-	-	-	-	-	-	-	9	51	-	-	49	109	6
Kerisi	Nemipteridae	-	105	-	-	-	-	-	50	1,201	786	-	-	2,031	4,173	248
Kikek	Leiognathidae	1,248	-	5	-	-	-	-	-	2	-	-	-	2,550	3,805	226
Kurau/Senangin	Polynemus spp.	-	25	-	-	-	-	-	55	170	-	-	-	-	250	15
Merah	Lutianus spp.	-	153	-	-	-	-	-	100	1,584	1,305	-	-	997	4,139	246
Parang2	Chirocentrus dorab	494	-	-	6,001	-	-	-	55	-	-	-	-	1,053	7,603	453
Pari	Dasyatidae	47	527	-	-	-	-	-	270	397	-	-	-	1,201	2,442	145
Selar	Caranx spp.	584	-	1,703	-	2,968	-	-	-	1,244	-	-	-	907	7,406	441
Selar Kuning/ Lolong	Selaroides leptolepis	1,541	-	2,467	-	16,447	-	-	-	-	-	-	-	1,716	22,171	1,320
Selayang	Decapterus russellii	-	-	626	-	11,079	-	-	-	-	-	-	-	-	11,705	697
Semilang	Plotosus spp.	-	355	20	-	-	-	-	260	-	-	-	-	-	635	38
Tamban	Clupea spp.	6,170	-	10,845	-	13,426	-	-	-	-	-	-	-	50	30,491	1,815
Tenggiri	Scomberomorus spp.	-	-	-	9,121	-	-	-	-	1,976	-	-	-	539	11,636	693
Yu	Galeorhinidae	-	299	-	1,209	-	-	-	-	683	-	-	-	1,604	3,795	226
Buat Baja	-	4,885	40	1,624	35	-	-	55,349	740	-	-	-	-	43,336	106,009	6,310
Ikan Chamoor	-	1,177	1,028	343	379	-	-	610	345	564	-	-	350	4,517	9,313	554
Udang	Crustacea	502	5	256	-	-	-	10,739	564	-	-	-	400	4,367	16,833	1,002
Udang Baring	Crustacea	-	-	-	-	-	-	4,495	-	-	-	-	-	-	4,495	268
Ketam	Crustacea	-	260	245	242	-	-	-	130	-	-	-	-	840	1,717	102
Sotong	Mollusc	1,839	-	-	-	-	-	-	-	-	-	-	1,229	8,830	11,898	708
TOTAL (In Piculs)		26,562	3,574	23,026	23,511	50,088	-	71,243	2,619	11,650	3,403	-	2,029	82,662	300,337	
TOTAL (In Tons)		1,581	213	1,371	1,399	2,980	-	4,241	156	693	202	-	121	4,920		17,877

1 ton = 16.8 piculs.

LBK/lly.

Table VII
(Jadual VII)

TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1967

BY GEAR GROUPS AND TYPES OF FISH-JOHORE-WEST

TYPES 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
Bawal	Stromateus spp.	1,976	-	6	3,590	-	-	31	-	-	-	-	-	120	5,723	341
Belanak/Kedera	Mugilidae	26	84	155	-	-	-	-	314	-	-	-	-	40	619	37
Bilis	Stolephorus spp.	777	-	-	-	-	-	-	-	-	-	-	-	-	777	46
Chincharu	Megalaspis cordyla	812	-	-	5,548	-	-	-	-	-	-	-	-	-	6,360	378
Duri	Tachysuridae	5	184	315	1,438	-	-	-	164	1,827	190	-	-	430	4,553	271
Gelama	Sciaenidae	5,705	185	736	236	-	-	-	256	262	-	-	-	1,050	8,430	502
Gerut2	Pomadasys hasta	-	-	-	140	-	-	-	-	-	-	-	-	-	140	8
Jenahak	Lutianus	182	-	-	-	-	-	-	-	604	630	-	-	-	1,416	84
Kebasi/Selangat	Dorosoma chacunda	635	110	140	338	-	-	-	-	-	-	-	-	300	1,523	91
Kembong	Rastrelliger kanagurta	16	-	-	-	-	-	-	-	-	-	-	-	-	16	1
Kerapu	Serranidae	79	-	-	-	-	-	-	-	66	246	-	-	-	391	23
Kurau/Senangin/ Senohong	Polynemus spp.	331	48	-	922	-	-	-	-	58	-	-	-	-	1,359	81
Lidah/Sebelah	Soleidae	-	27	-	-	-	-	-	-	-	-	-	-	-	27	2
Malong	Muraenesox cinereus	-	-	-	667	-	-	-	-	520	-	-	-	-	1,187	71
Merah	Lutianus spp.	-	-	-	2	-	-	-	-	994	1,504	-	-	-	2,500	149
Parang2	Chirocentrus	822	-	-	6,913	-	-	-	-	287	-	-	-	-	8,022	477
Pari	Dasyatidae	168	201	10	1,733	-	-	-	71	646	-	-	-	240	3,069	183
Pelata	Caranx spp.	405	-	-	-	-	-	-	-	-	-	-	-	-	405	24
Puput	Pellona spp.	485	105	95	757	-	-	-	-	-	-	-	-	105	1,547	92
Selar	Caranx spp.	10	-	-	6	-	-	-	-	-	-	-	-	-	16	1
Selar Kuning/Lolong	Selaroides leptolepis	401	-	-	-	-	-	29	-	-	-	-	-	-	430	26
Semilang	Plotosus spp.	-	760	140	282	-	-	-	616	945	358	-	-	10	3,111	185
Talang	Chorinemus spp.	57	-	-	562	-	-	-	-	-	-	-	-	15	634	38
Tamban	Clupea spp.	3,746	45	55	175	-	-	-	145	-	-	-	-	-	4,166	248
Tenggiri	Scomberomorus spp.	329	-	-	10,858	-	-	-	-	-	-	-	-	-	11,187	666
Timah/Selayor	Trichiurus spp.	313	-	-	-	-	-	-	-	-	-	-	-	-	313	19
Yu	Galeorhinidae	-	-	20	397	-	-	-	-	666	220	-	15	-	1,318	78
Buat Baja	-	25,107	-	3,458	-	-	-	828	1,327	-	-	-	-	9,300	39,720	2,364
Ikan Chamor	-	6,255	1,752	871	8,072	-	-	312	782	597	1,154	-	115	610	20,520	1,221
Udang	Crustacea	4,813	-	1,706	4,316	-	-	421	1,061	-	-	-	851	1,745	14,913	888
Udang Baring	Crustacea	575	-	-	-	-	-	15,300	210	-	-	-	-	-	16,085	957
Ketam	Crustacea	-	66	42	2,275	-	-	-	73	-	-	-	-	-	2,456	146
Sotong	Mollusc	614	34	-	-	-	-	-	-	124	-	-	-	200	972	58
TOTAL (In Piculs)		54,644	3,601	7,449	49,227	-	-	16,921	5,019	7,596	4,302	-	981	14,165	163,905	
TOTAL (In Tons)		3,253	214	443	2,930	-	-	1,007	299	452	256	-	59	843		9,756

1 ton = 16.8 piculs.

LBK/lly.

(Jadual XXI)

UTILIZATION OF FRESH MARINE FISH - 1969

(In Piculs)

FRESH FISH	TOTAL	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore
Total Production	5,003,715	71,275	499,439	627,366	2,034,458	659,703	6,914	29,756	88,282	381,523	140,757	464,242
Less Processed into:												
Salted/Dried	606,274	-	62,219	52,579	282,401	62,237	-	506	11,885	113,036	17,622	3,789
Boiled Fish	69,685	-	-	-	69,685	-	-	-	-	-	-	-
Buat Baja	641,089@	-	17,833	75,154	178,227@	321,937@	-	-	727	24,208	770	22,233
Belachan	102,876	-	-	21,590	17,910	27,950	-	2,350	133	3,203	-	29,740
Dried Prawns	98,887	-	1,007	10,280	28,333	58,767	-	-	267	-	-	233
Prawn/Fish Crackers	3,295	-	-	-	-	-	-	-	23	1,075	9	2,188
Total Processed	1,522,106	-	81,059	159,603	576,556	470,891	-	2,856	13,035	141,522	18,401	58,183
Balance of Production for Fresh Consumption	3,481,609	71,275	418,380	467,763	1,457,902	188,812	6,914	26,900	75,247	240,001	122,356	406,059
Imports from:												
Singapore	5,458											
Indonesia	25,334											
Other Sources	350,505											
Total Imports*	381,297											
Gross Available Supplies	3,862,906											
Exports to:												
Singapore	647,085											
Indonesia	421											
Other Destinations	296,951											
Total Exports*	944,457											
Net Available Supplies	2,918,449 (173,717.2 tons)											

* Source: Department of Statistics, West Malaysia.

@ Including 2,860 piculs Prawn Dust from Perak and 221,800 piculs from Selangor.

CYK/LBK/lly.

Table VIII
(Jadual VIII)

WEST MALAYSIA

PROCESSED MARINE FISH PRODUCTS (IN PICULS) IN 1969 BY STATES

STATES	Salted/ Dried Fish	Bilis	Boiled Fish	Dried Prawns	Belachan	Chinchalok	Manure Fish	Prawn Dust	Dried Sotong	Budu	Kerepok Ikan	Kerepok Udang
PERLIS	-	-	-	-	-	-	-	-	-	-	-	-
KEDAH	4,414	27,431	-	151	-	-	10,700	-	-	-	-	-
PENANG	17,116	12,026	-	1,542	6,477	-	31,061	-	-	-	-	-
PERAK	128,961	33,733	55,748	4,247	5,373	-	107,936	286	-	-	-	-
SELANGOR	12,100	21,035	-	15,250	8,385	-	60,082	22,180	-	-	-	-
NEGERI SEMBILAN	-	-	-	-	-	-	-	-	-	-	-	-
MALACCA	304	-	-	-	657	48	-	-	-	-	-	-
KELANTAN	7,131	-	-	40	-	-	436	-	-	40	15	-
TRENGGANU	83,219	15,735	-	-	511	-	14,485	-	1,710	450	619	-
PAHANG	5,407	4,305	-	-	-	-	462	-	-	-	6	-
JOHORE EAST	-	1,857	-	120	1,622	-	7,385	-	-	-	1,324	-
JOHORE WEST	45	-	-	535	6,680	-	5,955	-	-	-	68	30
TOTAL:-	258,697	116,122	55,748	21,885	29,705	48	238,502	22,466	1,710	490	2,032	30

LBK/lly.

Table IX
(Jadual IX)

WEST MALAYSIA

IMPORTS AND EXPORTS

OF

FISH, FISHERIES PRODUCTS, CRUSTACEA & MOLLUSCS - 1969

S.I.T.C.	DESCRIPTION OF COMMODITY	IMPORT		EXPORT	
		Quantity (Ton)	Value ($)	Quantity (Ton)	Value ($)
	Fresh, Chilled or Frozen.				
031 131	Marine Fish - Tuna, fresh, chilled or frozen.	7,871	8,902,287	12,540	14,252,614
031 132	Marine Fish - Saurles, fresh, chilled or frozen.	940	1,659,769	119	214,638
031 139	Marine Fish - Other than Tuna & Saurles, fresh, chilled or frozen.	12,296	5,442,137	32,453	15,441,011
031 180	Freshwater Fish, fresh, chilled or frozen.	343	267,926	754	264,637
031 301	Crustacea - Prawns, fresh, chilled.	409	940,731	622	517,019
031 302	Crustacea - Prawns, fresh, frozen.	351	1,005,489	4,327	19,238,586
031 303	Crustacea - Other than Prawns, fresh, chilled or frozen.	639	383,608	1,239	823,155
031 305	Molluscs - Oysters, fresh.	20	61,196	50	38,070
031 306	Molluscs - Other than Oysters, fresh, chilled or frozen.	154	266,974	4,868	879,259
011 891	Beche-de-Mer (Trepang), fresh, chilled or frozen.	16	19,618	**	720
	Sub - Total:-	23,039	18,949,735	56,972	51,669,709
	Salted, in Brine, Dried, Smoked or Simply Boiled.				
031 201	Fishmaws, salted, in brine, dried or smoked.	22	116,499	4	16,554
031 202	Sharks' Fins, salted, in brine, dried or smoked.	143	716,198	23	58,517
031 205	Salmon, smoked.	2	18,843	-	-
031 206	Fish, other than Salmon, smoked.	12	31,609	-	-
031 203	Other Marine Fish, salted, in brine or dried.	1,745	972,373	10,904	6,766,290
031 204	Other Freshwater Fish, salted, in brine or dried.	3	2,581	227	46,871
031 304	Crustacea, salted, in brine, dried or simply boiled.	646	1,118,413	882	1,101,573
031 307	Molluscs, salted, in brine, dried or simply boiled.	2,116	2,575,110	58	66,353
012 902	Beche-de-Mer (Trepang), salted, in brine, dried or smoked.	176	184,775	1	789
	Sub - Total:-	4,865	5,736,401	12,099	8,056,947
	Prepared or Preserved				
	(In airtight containers)				
032 011	Sardines	117	171,730	81	95,158
032 012	Herring and Brislings	160	248,111	3	4,223
032 013	Pilchards	2	4,861	-	-
032 014	Salmon	12	85,047	**	5,111
032 019 - 1	Saurles	63	73,919	-	-
032 017	Tuna	8	26,176	3,114	2,051,444
032 019 - 2	Horse Mackerels	5,338	5,960,353	49	59,028
032 019 - 3	Other Fish	421	640,463	206	354,798
032 021	Abalone	549	2,326,134	4	21,953
032 022	Prawns and Shrimps	22	29,973	214	523,309
032 023	Crabs	11	23,311	10	17,391
032 024	Cuttlefish	429	636,689	8	15,549
032 029	Other Crustacea and Molluscs	45	77,372	171	300,620
	(In other than airtight containers)				
032 016	Sharks' Fins	19	122,850	1	2,300
032 015	Fish Paste and Similar Preparations	26	21,036	66	88,862
032 010	Fish, boiled or steamed.	25	9,372	14	7,153
032 018	Other Fish Preparations	119	158,378	13	16,442
032 028	Crustacea and Molluscs	84	153,150	53	61,210
	Sub - Total:-	7,450	10,768,925	4,007	3,624,551

S.I.T.C.	DESCRIPTION OF COMMODITY	IMPORT		EXPORT	
		Quantity (Ton)	Value ($)	Quantity (Ton)	Value ($)
	Miscellaneous				
031 110	Fish Fry, alive. (Quantity in number)	1,550,410	110,956	-	-
031 120	Fish for Aquaria (Quantity in number)	1,909,650	102,771	1,377,522	52,809
291 940	Fish Waste	41	4,882	132	40,080
291 140	Tortoise shell (shells & scales)	3	290	**	90
291 150	Coral and Similar Substances	28	7,402	5,027	210,140
291 991	Turtle Eggs (Quantity in number)	-	-	-	-
291 998	Other Products of Fish, Crustacea, and Molluscs.	**	774	113	31,503
411 100	Fats and Oils of Fish and Marine Mammals.	19	30,695	**	51
099 052	Soups and Broths of Fish, Crustacea and Molluscs.	2	4,182	-	-
081 402	Fish Meal	11,436	4,983,620	1,497	439,358
081 401	Prawn Dust	4,665	836,130	2,099	461,761
081 409	Other Flours and Meals of Fish, Crustacea and Molluscs.	26	9,764	67	13,750
271 101	Crude Fish Fertilizers	126	13,459	212	45,105
	Sub - Total:-	16,346 *	6,104,925	9,147*	1,294,647
	TOTAL:-	51,700 *	41,559,986	82,225 *	64,645,854

** 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

1965 - 1969

YEAR	IMPORT		EXPORT	
	Quantity (Ton)	Value ($)	Quantity (Ton)	Value ($)
1970	7,383	62,053,217	109,144	96,054,588
1969	51,700	41,559,986	82,225	64,645,854
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 @	40,698	35,047,889	70,752	38,136,479

Note: 1969 figures subject to alteration with the publication of 'External Trade' published by Department of Statistics.

@ 1965 - 1968 figures have been amended after the publication of 'External Trade'.

Cyk/lly.

Table X
(Jadual X)

WEST MALAYSIA

MONTHLY AVERAGE RETAIL MARKET PRICES OF FRESH FISH IN 1969

(Price in $ per katty)

TYPES OF FISH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE FOR 1969
Kurau (cut)	$2.65	$2.65	$2.60	$2.60	$2.62	$2.66	$2.71	$2.88	$2.76	$1.98	$1.98	$1.38	$2.46
Senangin	1.76	1.80	1.72	1.74	1.74	1.79	1.78	1.86	1.82	1.82	1.79	1.56	1.77
Bawal Puteh	2.28	2.33	2.29	2.28	2.29	2.31	2.38	2.42	2.41	2.44	2.41	2.42	2.36
Bawal Hitam	1.39	1.38	1.37	1.39	1.40	1.37	1.45	1.51	1.51	1.51	1.53	1.57	1.45
Tenggiri	1.46	1.47	1.52	1.50	1.51	1.46	1.52	1.48	1.51	1.57	1.59	1.63	1.52
Parang2	1.18	1.22	1.21	1.19	1.26	1.26	1.28	1.26	1.29	1.45	1.32	1.38	1.28
Chincharu	.57	.59	.56	.52	.62	.60	.64	.60	.64	.63	.61	.67	.60
Kembong	.38	.40	.41	.40	.50	.47	.51	.40	.40	.44	.50	.49	.44
Kedera/Belanak	.39	.44	.41	.47	.52	.59	.59	.45	.49	.37	.34	.34	.45
Merah	.81	.85	.82	.84	.89	.87	.90	.91	.90	.89	.83	.83	.86
Gelama	.41	.41	.39	.39	.42	.40	.43	.39	.44	.45	.42	.45	.42
Selar	.77	.77	.75	.75	.83	.79	.86	.84	.82	.83	.79	.87	.81
Tamban	.33	.32	.32	.32	.37	.32	.31	.30	.31	.32	.36	.35	.33
Prawns (Large)	2.53	2.32	2.56	2.53	2.55	2.58	2.58	2.61	2.64	2.78	2.82	2.88	2.62

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

Source: Federal Agricultural Marketing Authority (FAMA)

ami/lly.

Table XA
(Jadual XA)

WEST MALAYSIA

MONTHLY AVERAGE WHOLESALE MARKET PRICES OF FRESH FISH IN 1969

(Price in $ per katty)

TYPES OF FISH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE FOR 1969
Kurau (cut)	$1.61	$1.63	$1.58	$1.59	$1.71	$1.73	$1.67	$1.41	$1.81	$1.50	$1.48	$1.48	$1.60
Senangin	1.54	1.53	1.48	1.46	1.54	1.57	1.62	1.68	1.64	1.63	1.62	1.67	1.58
Bawal Puteh	1.78	1.94	1.86	1.92	1.91	2.03	2.10	2.07	2.10	2.15	2.09	2.13	2.01
Bawal Hitam	1.17	1.19	1.18	1.21	1.24	1.20	1.30	1.32	1.36	1.37	1.38	1.44	1.28
Tenggiri	1.28	1.31	1.33	1.33	1.35	1.28	1.37	1.30	1.36	1.41	1.43	1.49	1.35
Parang2	.90	1.00	1.01	1.01	1.09	1.30	1.13	1.08	1.13	1.14	1.16	1.22	1.10
Chincharu	.43	.45	.42	.39	.49	.43	.49	.44	.50	.46	.48	.55	.46
Kembong	.23	.28	.27	.28	.36	.28	.47	.26	.29	.32	.40	.39	.32
Kedera/Belanak	.22	.24	.22	.29	.37	.38	.40	.31	.34	.23	.38	.20	.30
Merah	.64	.67	.65	.64	.72	.65	.68	.70	.73	.72	.71	.71	.69
Gelama	.26	.27	.29	.27	.30	.26	.29	.26	.28	.30	.32	.31	.28
Selar	.61	.62	.51	.54	.60	.61	.70	.70	.67	.69	.65	.73	.64
Tamban	.19	.19	.19	.19	.23	.16	.18	.15	.18	.18	.22	.23	.19
Prawns (Large)	1.94	2.06	2.10	2.19	2.22	2.25	2.22	2.27	2.32	2.41	2.41	2.49	2.24

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

Source: Federal Agricultural Marketing Authority (FAMA)

ami/lly.

Table XI
(Jadual XI)

WEST MALAYSIA

RETAIL MARKET VALUES OF LANDINGS OF MARINE

FISH IN 1969

STATES	GRADE I		GRADE II		GRADE III		OCEANIC TUNA AND OTHER FISHES		MANURE FISH		SHELLFISH		TOTAL	
	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$
Perlis	2,750	459,250	12,466	747,960	53,581	2,196,821	-	-	2,478	12,390	-	-	71,275	3,416,421
Kedah	16,327	2,726,609	58,500	3,510,000	374,392	15,350,072	-	-	44,820	224,100	5,400	40,500	499,439	21,851,281
Penang	61,644	10,294,548	130,925	7,855,500	255,709	10,484,069	15,615	1,324,315	163,473	817,365	-	-	627,366	30,775,797
Perak	77,498	12,942,166	335,204	20,112,240	908,660	37,255,060	-	-	255,534	1,277,670	457,562	3,431,715	2,034,458	75,018,851
Selangor	40,317	6,732,939	155,261	9,315,660	299,745	12,289,545	-	-	150,325	751,625	14,055	105,413	659,703	29,195,182
Negeri Sembilan	3,861	644,787	1,199	71,940	1,854	76,014	-	-	-	-	-	-	6,914	792,741
Malacca	15,455	2,580,985	2,898	173,880	7,059	289,419	-	-	4,316	21,580	28	210	29,756	3,066,074
Kelantan	20,163	3,367,221	5,505	330,300	59,968	2,458,688	-	-	2,646	13,230	-	-	88,282	6,169,439
Trengganu	60,740	10,143,580	48,419	2,905,140	268,853	11,022,973	-	-	3,511	17,555	-	-	381,523	24,089,248
Pahang	10,624	1,774,208	10,921	655,260	101,991	4,179,991	-	-	17,261	86,305	-	-	140,757	6,695,764
Johore - East	26,986	4,506,662	44,130	2,647,800	123,212	5,051,692	-	-	106,009	530,045	-	-	300,337	12,736,199
Johore - West	30,598	5,109,866	26,836	1,610,160	66,751	2,736,791	-	-	39,720	198,600	-	-	163,905	9,655,417
TOTAL:-	366,963	61,282,821	832,264	49,935,840	2,521,735	103,391,135	15,615	1,324,315	790,093	3,950,465	477,045	3,577,838	5,003,715	223,462,414

Note:

(1) Grade I includes baval (puteh and hitam), jenahak, kerapu, merah, parang2, senangin and tenggiri.
Grade II " alu2, chermin, chincharu, delah, demudok, dingkis, gerong2, gerut2, kachi, kerenoh, lidah, pelata, punut, remong, selar, shrumbu, terubok, udang, setong and ketam.
Grade III " A ya, aruan tasek, bilis, belanak (kedera), biji nangka, daun bahru, duri, gelama, jebong, kembong, kerisi, kikek, malong, pari, selangat, Selar kuning, selar puchat, selayang, semilang, talang, tamban, timah, udang baring, yu and ikan champor.

(2) Grade I price at $1.67 per katty is calculated from the average prices of baval (puteh and hitam), kurau (cut), merah (cut), parang2, senangin and tenggiri.
Grade II " " 60 cents per katty is the average price of chincharu.
Grade III " " 41 cents per katty is calculated from the average prices of belanak (kedera), gelama, kembong and tamban.

Oceanic Tuna and Other Fishes priced at $84.81 per picul or $1,425.52 per ton.

(3) The average prices for Grades I, II and III are calculated from prices collected twice weekly :-

(a) in Penang, Kuala Lumpur and Malacca by Federal Agricultural Marketing Authority.

(b) in Ipoh by Market Authorities.

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

LBK/lly.

Table XIA
(Jadual XIA)

WEST MALAYSIA.

WHOLESALE MARKET VALUES OF LANDINGS OF MARINE FISH IN

1969

STATES	GRADE I		GRADE II		GRADE III		OCEANIC TUNA AND OTHER FISHES		MANURE FISH		SHELLFISH		TOTAL	
	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$	Piculs	$
Perlis	2,750	376,750	12,466	573,436	53,581	1,446,687	-	-	2,478	9,912	-	-	71,275	2,406,785
Kedah	16,327	2,736,799	58,500	2,691,000	374,392	10,108,584	-	-	44,820	179,280	5,400	32,400	499,439	15,248,063
Penang	61,614	8,445,228	130,925	6,022,550	255,709	6,904,143	15,615	1,324,315	163,473	653,892	-	-	627,366	23,350,128
Perak	77,498	10,617,226	335,204	15,419,384	908,661	24,533,820	-	-	255,534	1,022,136	457,562	2,745,372	2,034,458	54,337,958
Selangor	40,317	5,523,429	155,261	7,142,006	299,745	8,093,115	-	-	150,325	601,300	14,055	84,330	659,703	21,444,180
Negeri Sembilan	3,861	528,957	1,199	55,154	1,854	50,058	-	-	-	-	-	-	6,914	634,169
Malacca	15,455	2,117,335	2,898	133,308	7,059	190,593	-	-	4,316	17,264	28	168	29,756	2,458,668
Kelantan	20,163	2,762,331	5,505	253,230	59,968	1,619,136	-	-	2,646	10,584	-	-	88,282	4,645,281
Trengganu	60,740	8,321,380	48,419	2,227,274	268,853	7,259,031	-	-	3,511	14,044	-	-	381,523	17,821,729
Pahang	10,624	1,455,488	10,921	502,366	101,951	2,752,677	-	-	17,261	69,044	-	-	140,757	4,779,575
Johore - East	26,986	3,697,082	44,130	2,029,980	123,212	3,326,724	-	-	106,009	424,036	-	-	300,337	9,477,822
Johore - West	30,598	4,191,926	26,836	1,234,456	66,751	1,802,277	-	-	39,720	158,880	-	-	163,905	7,387,539
TOTAL: -	366,963	50,273,931	832,264	38,284,144	2,521,735	68,086,845	15,615	1,324,315	790,093	3,160,372	477,045	2,862,270	5,003,715	163,991,877

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

(2) Grade I price at $1.37 per katty is calculated from the average prices of bawal (puteh and hitam), kurau (cut), merah (cut), parang2, senangin and tenggiri.
Grade II " " 46 cents per katty is the average price of chincharu.
Grade III " " 27 cents per katty is calculated from the average prices of belanak (kedera), gelama, kembong and tamban.

Oceanic Tuna and Other Fishes priced at $84.81 per picul or $1,425.52 per ton.

(3) The average prices for Grade I, II and III are calculated from prices collected twice weekly :-

(a) in Penang, Kuala Lumpur and Malacca by Federal Agricultural Marketing Authority.

(b) in Ipoh by Market Authorities.

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

LBK/lly.

Table XII
(Jadual XII)

WEST MALAYSIA

FISHERMEN - 1969

RACE	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore		TOTAL
											East	West	
Malays	1,191	3,709	1,996	1,740	494	131	616	4,877	10,279	2,177	3,952	3,683	34,845
Chinese	128	1,468	2,718	11,720	6,244	237	809	-	-	43	1,675	3,216	28,258
Indians	-	-	43	55	23	10	21	-	-	-	-	8	160
Others	267	13	20	-	-	2	26	-	-	-	23	-	351
TOTAL:	1,586	5,190	4,777	13,515	6,761	380	1,472	4,877	10,279	2,220	5,650	6,907	63,614

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12557

WEST MALAYSIA

FISHING BOATS LICENSED - 1969

TYPES OF BOATS	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore		TOTAL
											East	West	
Non-Powered	213	548	264	722	306	83	117	483	668	136	785	1,283	5,608
Powered-Outboard	49	201	439	188	57	36	115	118	15	44	239	676	2,177
Powered-Inboard	142	467	623	2,890	2,229	64	437	734	1,627	422	753	1,011	11,399
TOTAL:	404	1,216	1,326	3,800	2,592	183	669	1,335	2,310	602	1,777	2,970	19,184

ami/rb

Table XIII A
(Jadual XIII A)

WEST MALAYSIA

SUMMARY OF INBOARD POWERED FISHING BOATS (MALAYA)

REGISTERED AS AT 31.12.1969

Description	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore West	Johore East	TOTAL
Length of Boats													
Under 25 feet	79	1	42	315	62	4	28	184	173	39	180	96	1,127
25 - 39 "	44	219	327	1,964	1,642	59	405	489	1,374	366	821	452	8,162
40 - 54 "	53	92	126	481	509	1	3	56	68	12	10	189	1,600
55 ft & over	42	155	128	130	16	-	1	5	12	5	-	16	510
TOTAL:-	142	467	623	2,890	2,229	64	437	734	1,627	422	1,011	753	11,399
Tonnage (Formula $\frac{L \times B \times D \times 0.8}{100}$)													
Under 5 tons	30	138	160	1,533	485	21	122	289	422	165	717	278	4,360
5 - 14 "	25	125	278	864	1,548	43	312	394	1,159	244	289	346	5,627
15 - 29 "	51	70	64	269	174	-	3	46	35	8	4	116	840
30 - 44 "	34	83	35	179	21	-	-	3	9	-	1	10	375
45 - 59 "	2	51	84	38	1	-	-	-	2	5	-	3	186
60 tons & over	-	-	2	7	-	-	-	2	-	-	-	-	11
TOTAL:-	142	467	623	2,890	2,229	64	437	734	1,627	422	1,011	753	11,399
H.P. of Engine													
Under 5 h.p.	9	61	22	211	159	15	38	197	240	29	149	157	1,587
5 - 9 "	25	97	183	1,191	659	46	336	310	706	194	467	211	4,425
10 - 19 "	8	40	67	343	597	3	54	104	481	134	69	104	2,004
20 - 39 "	12	47	145	585	468	-	8	85	142	47	18	79	1,636
40 - 59 "	15	18	27	30	76	-	-	29	37	4	3	49	288
60 - 79 "	28	18	38	88	136	-	1	5	16	5	5	94	434
80 - 99 "	13	26	23	100	70	-	-	1	1	3	-	34	271
100 hp & over	32	160	118	342	64	-	-	3	4	6	-	25	754
TOTAL:-	142	467	623	2,890	2,229	64	437	734	1,627	422	1,011	753	11,399
Gears employed													
Fishing Stakes Large	2	-	-	16	-	-	-	-	-	-	45	49	112
Fishing Stakes Small	18	12	4	13	2	-	-	-	-	-	-	-	49
Seine Nets	62	124	205	1,092	86	-	-	67	259	28	11	19	1,953
Gill/Drift Nets	13	87	152	1,089	1,604	59	424	137	285	125	809	242	4,976
Lift Nets	-	47	2	39	190	-	-	82	204	22	-	105	691
Push Nets	-	-	-	-	-	-	-	-	-	-	1	-	1
Bag Nets	-	-	14	137	136	-	-	-	-	-	81	25	443
Barrier Nets	-	-	-	-	9	2	-	-	-	-	22	3	36
Lines	7	52	68	192	112	2	9	278	726	225	14	270	1,955
Traps and Pots	13	24	46	101	2	1	2	50	100	8	14	35	396
Shellfish Collection	-	-	-	64	-	-	1	-	-	-	1	-	66
Miscellaneous	-	-	-	6	9	-	-	-	-	-	-	-	15
Trawler	-	110	110	101	1	-	-	114	4	14	-	-	454
Fish Carrier	27	11	22	40	78	-	1	6	49	-	13	5	252
TOTAL:-	142	467	623	2,890	2,229	64	437	734	1,627	422	1,011	753	11,399

Ltc/lly.

Table XIII B
(Jadual XIII B)

WEST MALAYSIA

SUMMARY OF OUTBOARD POWERED FISHING BOATS REGISTERED AS AT 31.12.1969

Description	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore		TOTAL
											West	East	
gth of Boats													
er 25 feet	35	135	420	169	56	35	113	58	11	28	638	230	1,928
39 "	14	66	18	19	1	1	2	60	4	16	38	9	248
54 "	-	-	1	-	-	-	-	-	-	-	-	-	1
feet & over	-	-	-	-	-	-	-	-	-	-	-	-	-
L:-	49	201	439	188	57	36	115	118	15	44	676	239	2,177
of Engine													
er 5 h.p.	49	170	399	140	35	28	96	3	6	18	599	197	1,740
9 "	-	30	29	43	20	8	19	71	9	24	43	29	325
19 "	-	1	10	5	2	-	-	44	-	2	23	11	98
39 "	-	-	1	-	-	-	-	-	-	-	11	2	14
59 "	-	-	-	-	-	-	-	-	-	-	-	-	-
79 "	-	-	-	-	-	-	-	-	-	-	-	-	-
99 "	-	-	-	-	-	-	-	-	-	-	-	-	-
p. & over	-	-	-	-	-	-	-	-	-	-	-	-	-
L:-	49	201	439	188	57	36	115	118	15	44	676	239	2,177
employed													
ng Stakes Large	-	-	-	1	-	-	1	-	-	-	56	6	64
ng Stakes Small	5	3	6	-	-	-	-	-	-	-	4	4	22
Nets	4	9	12	43	1	-	1	16	2	18	34	4	144
rift Nets	21	89	194	35	10	14	50	21	1	15	314	21	785
Nets	-	3	1	-	-	-	-	15	2	5	-	6	32
Nets	-	-	12	-	18	-	-	1	-	-	5	-	36
ets	-	9	99	42	4	-	-	-	-	-	6	57	217
er Nets	-	2	1	-	3	-	2	-	-	-	18	3	29
	18	85	110	30	15	22	61	63	7	6	205	131	753
and Pots	-	-	4	-	2	-	-	-	-	-	7	3	16
fish Collection	-	-	-	12	-	-	-	-	-	-	-	-	12
laneous	-	-	-	23	4	-	-	-	-	-	11	4	42
er	-	-	-	-	-	-	-	-	-	-	-	-	-
Carrier	1	1	-	2	-	-	-	2	3	-	16	-	25
	49	201	439	188	57	36	115	118	15	44	676	239	2,177

Table XIII C
(Jadual XIII C)

WEST MALAYSIA

SUMMARY OF NON-POWERED FISHING BOATS REGISTERED AS AT

31.12.1969

Description	Perlis	Kedah	Penang	Perak	Selangor	N.Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore		TOTAL
											West	East	
Length of Boats													
Under 25 feet	178	452	253	668	243	80	115	321	556	79	1,279	746	4,970
25 - 39 "	27	88	10	53	46	2	2	157	108	57	4	36	590
40 - 54 "	8	7	1	1	16	1	-	5	1	-	-	3	43
55 ft. and over	-	1	~~1~~	-	1	-	-	-	-	-	-	-	~~1~~ 2
Unknown	-	-	-	-	-	-	-	-	3	-	-	-	3
TOTAL:-	213	548	~~265~~ 264	722	306	83	117	483	668	136	1,283	785	~~5,609~~ 5608
Gears employed													
Fishing Stakes Large	-	-	-	17	1	-	4	-	-	-	9	8	39
Fishing Stakes Small	10	7	10	-	1	-	9	-	-	-	5	1	43
Seine Nets	26	75	23	147	2	6	12	68	127	37	43	19	585
Gill/Drift Nets	58	48	41	33	42	4	27	68	11	29	149	7	517
Lift Nets	-	-	-	-	-	-	-	89	117	45	-	137	388
Push Nets	23	1	7	16	23	-	1	-	1	-	15	-	87
Bag Nets	-	22	15	11	61	-	-	-	-	-	2	14	125
Barrier Nets	-	-	-	3	12	5	6	-	-	-	70	12	108
Lines	71	370	157	278	103	60	58	256	410	25	935	548	3,271
Traps & Pots	1	6	8	3	1	-	-	-	-	-	12	7	38
Shellfish Collection	-	4	-	46	-	-	-	-	-	-	4	-	54
Miscellaneous	24	15	2	147	48	8	-	1	-	-	35	32	312
Trawler	-	-	~~1~~	-	-	-	-	-	-	-	-	-	~~1~~
Fish Carrier	-	-	1	21	12	-	-	1	2	-	4	-	41
TOTAL:-	213	548	~~265~~ 264	722	306	83	117	483	668	136	1,283	785	~~5,609~~ 5608

Ltc/lly.

Table XIII D
(Jadual XIII D)

WEST MALAYSIA

NUMBER OF POWERED BOATS BY STATE AND BY COUNTRY OF ORIGIN OF ENGINE, 1969.

STATE	Perlis		Kedah		Penang		Perak		Selangor		N. Sembilan		Malacca		Kelantan		Trengganu		Pahang		Johore		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
America	3	-	22	56	22	27	77	46	11	37	-	11	-	20	-	116	-	15	1	42	-	206	136	576
Australia	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	1	-	-	-	3	1
Britain	72	43	219	110	274	312	1,086	74	467	14	5	25	16	90	42	2	116	-	46	2	130	678	2,473	1,350
Denmark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 6	-	6	-
Germany	6	1	18	-	66	4	167	-	74	-	-	-	1	-	25	-	85	-	15	-	23	-	480	5
Hong Kong	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Japan	50	1	175	4	~~220~~ 221	7	1,479	8	1,576	2	59	-	420	5	651	-	1,421	-	354	-	1,536	30	~~7,941~~ 7,942	57
Norway	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	-
Sweden	10	4	19	27	10	89	46	53	15	3	-	-	-	-	13	-	4	-	5	-	3	-	125	176
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	11	-	25	-	34	-	85	-	-	-	-	-	2	-	-	-	-	-	22	-	179	-
Unknown	1	-	3	4	3	-	-	6	1	1	-	-	-	-	-	-	1	-	-	-	42	1	51	12
TOTAL:-	142	49	467	201	~~622~~ 623	439	2,890	188	2,229	57	64	36	437	115	734	118	1,627	15	422	44	1,764	915	~~11,398~~ 11,399	2,177

Ltc/lly.

Table XIV
(Jadual XIV)

FISHING GEARS LICENSED - 1969

Types of Gears	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore		TOTAL
											East	West	
1. Fishing Stakes (Large)	-	-	-	13	2	-	9	-	-	17	182*	321*	544
2. Fishing Stakes (Small)	-	26	21	42	2	1	11	-	-	-	-	-	103
3. Seine Nets	80	104	220	1,065	93	8	15	83	130	45	27	109	1,979
4. Gill/Drift Nets	78	200	387	1,058	1,643	77	534	267	288	281	327	1,263	6,403
5. Lift Nets	-	48	2	39	180	-	-	50	71	18	92	-	500
6. Push/Scoop Nets	-	-	-	-	-	-	-	2	-	-	-	-	2
7. Bag Nets	-	86	152	252	560	-	-	-	-	2	291	111	1,454
8. Barrier Nets	-	5	-	3	14	3	5	-	-	-	23	69	122
9. Hooks and Lines	11	25	92	113	107	1	17	-	-	168	31	95	660
10. Traps & Pots	7	17	59	116	4	8	4	174	135	24	53	55	656
11. Shellfish	-	-	-	394	10	-	-	-	-	-	-	3	407
12. Miscellaneous	-	3	3	96	62	9	-	-	-	-	-	15	188
13. Trawl Nets	-	263	69	35	-	-	-	166	28	131	42	-	734
TOTAL :-	176	777	1,005	3,226	2,677	107	595	742	652	686	1,068	2,041	13,752

Note: *Large and Small

ami/rb

Table XIVA
(Jadual XIVA)

WEST MALAYSIA

ESTIMATED FISHING GEARS IN OPERATION - 1969

Types of Gears	Perlis	Kedah	Penang	Perak	Selangor	Negeri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore	Total
1. Fishing Stakes(Large)	2	-	14	15	3	-	9	-	-	16	281	340
2. Fishing Stakes(Small)	21	19	42	76	-	-	-	-	-	-	121	279
3. Seine Nets	83	161	289	1,116	115	9	32	40	132	56	148	2,181
4. Gill/Drift Nets	95	215	540	185	889	60	534	331	334	333	1,908	5,424
5. Lift Nets	-	51	-	-	-	-	-	59	96	25	46	277
6. Push/Scoop Nets	65	-	147	30	30	-	170	3	22	-	-	467
7. Bag Nets	-	37	218	269	152	-	-	-	-	3	432	1,111
8. Barrier Nets	-	-	-	-	18	2	2	-	-	-	106	128
9. Lines	46	158	253	357	214	73	138	190	-	214	597	2,240
10. Traps & Pots	7	19	60	49	7	11	3	40	89	24	81	390
11. Shellfish	-	40	-	234	15	-	54	-	-	-	-	343
12. Miscellaneous	52	24	30	226	70	12	-	120	150	-	245	929
13. Trawl Nets	-	129	133	476	538	-	-	147	258	136	239	2,056
TOTAL:-	371	853	1,726	3,033	2,051	167	942	930	1,081	807	4,204	16,165

-x Unlicensed gear

ami/lly.

Table XV
(Jadual XV)

~~WEST MALAYSIA~~

FISHERIES REVENUE - 1969

STATE	STATE REVENUE					FEDERAL REVENUE							GRAND TOTAL
	Boats	Fishing	No.Plate	Miscellaneous	TOTAL	Fisheries Sale (Fish & No. Board)	Miscellaneous (Transfer & Search Fee)	Cold Rooms	Rent on Halting Bungalows	Compounding of Offences	Acquarium Entry Fee	TOTAL	
	$	$	$	$	$	$	$	$	$	$	$	$	$
Perlis	2,473.00	352.00	404.00	1.00	3,230.00	-	35.50	-	-	-	-	35.50	3,265.50
Kedah	7,838.97	9,146.00	1,216.00	-	18,200.97	21.00	305.50	-	-	-	-	326.50	18,527.47
Penang	8,669.34	6,781.00	1,325.00	-	16,775.34	-	379.00	-	-	6,700.00	23,641.50	30,720.50	47,495.84
Perak	27,728.58	6,759.00	3,785.00	-	38,272.58	-	664.50	-	-	11,350.00	-	12,014.50	50,287.08
Selangor	17,607.63	5,308.00	2,593.00	-	25,508.63	-	345.00	-	-	-	-	345.00	25,853.63
Negeri Sembilan	372.15	234.00	185.00	-	791.15	-	23.50	-	-	-	-	23.50	814.65
Malacca	1,915.36	1,430.00	669.00	-	4,014.36	-	78.50	-	-	-	-	78.50	4,092.86
Kelantan	4,598.57	2,473.00	1,343.00	-	8,414.57	-	99.00	8,022.12	-	-	-	8,121.12	16,535.69
Trengganu	9,263.35	1,516.00	2,313.00	-	13,092.35	-	363.00	16,637.68	308.00	19,274.00 870.00*	-	37,452.68	50,545.03
Pahang	2,466.50	3,661.00	603.00	-	6,730.50	-	40.20	12,786.10	-	-	-	12,826.30	19,556.80
Johore	13,947.05	14,237.00	4,753.00	-	32,937.05	108.00	408.50	-	-	200.00	-	716.50	33,653.55
TOTAL:-	96,880.50	51,897.00	19,189.00	1.00	167,967.50	129.00	2,742.20	37,445.90	308.00	38,394.00	23,641.50	102,660.60	270,628.10

Note: Lease on Turtle Beach = $75,066.59 (Collected by Trengganu State Government)

* (Revenue from sale of confiscated items)

Table XVI
(Jadual XVI)

WEST MALAYSIA

ICE FACTORIES AND REFRIGERATION FACILITIES AS AT 31.12.1969

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)
Perlis	2	144	1,390	224-300	315	-	1	20	-	335	-
Kedah	4	135	1,350	224	188	39	4	225	15	413	54
Penang	7	384	2,811	224-320	1,143	3,126	2	-	125	1,143	3,251
Perak	15	410	3,815	220-340	1,273	1,595	14	328	345	1,601	1,940
Selangor	11	231	2,100	60-310	278	3,147	6	132	1,172	410	4,319
Negeri Sembilan	1	40	400	224	15	21	-	-	-	15	21
Malacca	3	85	595	320-335	210	220	1	-	225	210	445
Kelantan	10	66	886	25-224	126	84	-	-	-	126	84
Trengganu	3	48	461	224-300	97	42	6	19	135	116	177
Pahang	3	62	696	150-224	98	47	2	9	3	107	50
Johore	5	154	1,498	224-320	108	160	8	104	59	212	219
TOTAL:-	64	1,759	16,002	-	3,851	8,481	44	837	2,079	4,688	10,560

cyk/lly.

Table XVII
(Jadual XVII)

WEST MALAYSIA

TRAINING OF FISHERMEN AND FISH FARMERS IN 1969.

STATES	Number of Fishermen Trained at Marine Fisheries Schools			Number of Fish Farmers attending fish culture course at Fish Breeding Station ~~Enggor, Perak~~ Bukit Tinggi.
	Penang	Kuala Trengganu	Total	
Perlis	2	-	2	-
Kedah	2	-	2	3
Penang	4	-	4	-
Perak	5	-	5	30
Selangor	4	-	4	3
Negeri Sembilan	-	-	-	45
Malacca	-	-	-	5
Kelantan	2	7	9	-
Trengganu	1	27	28	2
Pahang	2	4	6	6
Johore	4	4	8	19
Sarawak	4	15	19	-
Sabah	-	-	-	-
TOTAL:-	30	57	87	113

LBK/lly.

Table XVIII
(Jadual XVIII)

WEST MALAYSIA
NUMBER OF FISH PONDS - 1969

S T A T E	NEW PONDS IN 1969		FISH PONDS IN OPERATION AS AT 31.12.1969	
	NUMBER	ACREAGE	NUMBER	ACREAGE
Perlis	6	0.36	128	13.13
Kedah	22	6.11	698	115.89
Penang	2	1.29	48	17.60
Perak	502	1,270.32	3,541	4,515.21
Selangor	77	130.44	995	1,193.17
Negeri Sembilan	115	33.54	1,608	443.89
Malacca	42	25.40	289	80.50
Kelantan	39	21.47	165	46.12
Trengganu	3	0.30	70	16.58
Pahang	125	54.63	1,287	425.23
Johore	117	44.61	834	262.20
TOTAL:	1,050	1,588.47	9,663	7,129.52

Table XIX
(Jadual XIX)

WEST MALAYSIA

FISH FRY PRODUCTION BY STATIONS IN 1969

Sources of Production	SPECIES OF FISH FRY													
	Lampan Jawa	Lee Koh	Tilapia (Hybrid)	Kalui	Temakang	Silver Carp	Big Head	Udang Galah	Chik Hu	Japanese Carp	Lampan Thai	Grass Carp & Big Head (Hyb.)	Grass Carp	TOTAL
Fish Breeding Station, Enggor, Perak.	1,803,286	210,593	-	-	-	-	-	-	-	-	-	-	-	2,013,879
Fish Breeding Station, Tapah, Perak.	918,030	186,216	1,986*	412	46	-	-	-	-	-	-	-	-	1,106,690
Fish Breeding Station, Bukit Tinggi, Pahang.	1,442,263	149,076	92,175**	68	20	2,405	14,475	39	-	12	8	12	-	1,700,553
Cameron Highlands	-	42,600	-	-	-	-	-	-	1,935	-	-	-	-	44,535
Fisheries Office (Research) Glugor, Penang.	-	-	-	-	-	-	-	4,484	-	29	-	-	-	4,513
Purchased from Dealers	-	-	-	-	-	-	10	-	-	-	-	-	40	50
TOTAL:-	4,163,579	588,485	94,161	480	66	2,405	14,485	4,523	1,935	41	8	12	40	4,870,220

* 1,984 Tilapia Biasa
** 7,324 Tilapia Biasa

LTC/rb

Table XX
(Jadual XX)

DISTRIBUTION OF FRESHWATER FISH FRY IN 1969

BY TYPES OF FRY

STATE	FARMERS										STOCKING IN OPEN AND IMPOUNDED WATERS							RESEARCH AND MISCELLANEOUS PURPOSES											GRAND TOTAL
	TYPES OF FRY										TYPES OF FRY							TYPES OF FRY											
	Lampan Jawa	Lee Koh	Tilapia (Hyb.)	Kaluri	Tamakang	Silver Carp	Big Head	Udang Galah	Grass Carp	TOTAL	Lampan Jawa	Lee Koh	Tilapia (Hyb.)	Big Head	Silver Carp	Chik Hu	TOTAL	Lampan Jawa	Lee Koh	Tilapia (Hyb.)	Tamakang	Kaluri	Silver Carp	Big Head	Lampan Thai	Japanese Carp	Udang Galah	G.Carp & B.Head(hyp.)	TOTAL	
Perlis	960	460	-	-	-	-	-	-	-	1,420	84,085	35	-	-	-	-	84,120	-	-	-	-	-	-	-	-	-	-	-	85,540
Kedah	61,628	9,830	-	60	10	-	-	1,000	-	72,528	143,100	-	-	-	-	-	143,100	-	-	-	-	-	-	-	-	29	-	-	29	215,657
Penang	1,100	815	-	-	-	-	-	3,484	-	5,399	83,000	-	-	-	-	-	83,000	1,000	-	-	-	-	-	-	-	-	23	-	1,023	89,422
Perak	1,725,982	373,890	1,980	350	30	-	-	-	-	2,102,232	502,040	5,220	-	13,000	2,000	1,935	524,195	50	6	6	6	2	25	15	-	-	-	-	110	2,626,537
Selangor	142,390	51,835	3,734	-	-	-	340	-	-	198,299	232,800	1,000	6,200	-	-	-	240,000	163	41	19	20	68	36	6	8	12	-	8	381	438,680
N.Sembilan	103,294	36,855	29,396	-	-	-	200	-	-	169,745	145,000	-	-	-	-	-	145,000	-	-	-	-	-	-	-	-	-	-	-	-	314,745
Malacca	23,430	7,510	9,240	-	-	160	30	-	-	40,370	80,000	-	-	-	-	-	80,000	-	-	-	-	-	-	-	-	-	-	-	-	120,370
Kelantan	21,396	9,328	-	-	-	-	10 @	-	40 @	30,774	92,700	-	-	-	-	-	92,700	-	-	-	-	-	-	-	-	-	-	-	-	123,474
Trengganu	4,275	2,225	-	-	-	-	-	-	-	6,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,500
Pahang	81,670	31,304	26,843	-	-	150	-	-	-	139,967	476,500	37,600	2,000	400	-	-	516,500	15	15	15	-	-	-	-	-	-	-	-	45	656,512
Johore	49,071	19,926	14,434	-	-	30	480	-	-	83,941	107,760	480	184	-	-	-	108,424	170	110	110	-	-	4	4	-	-	-	4	402	192,767
Foreign ** Country	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	16	16
TOTAL:-	2,215,196	543,978	85,627 *	410	40	340	1,060	4,484	40	2,851,175	1,946,985	44,335	8,384 *	13,400	2,000	1,935	2,017,039	1,398	172	150 *	26	70	65	25	8	41	39	12	2,006	4,870,220

@ From Private Fish Dealers. ** Noah's Art Aquarium, England.

* Including 9,308 Tilapia Biasa (2,100 for Farmers, 7,200 for Public Fishing and 8 for Miscellaneous Purposes).

UC/tly.