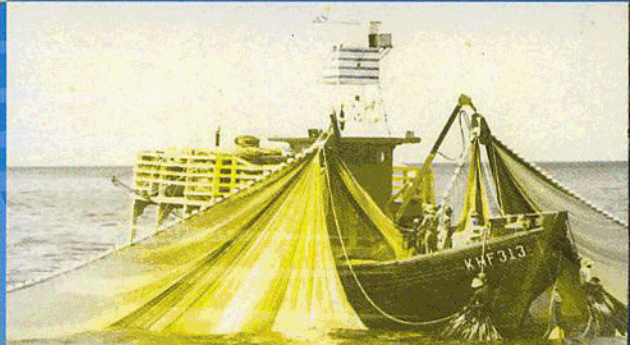
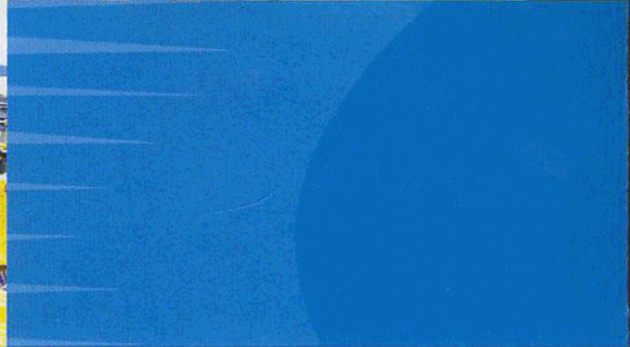




PERANGKAAN TAHUNAN PERIKANAN

ANNUAL FISHERIES STATISTICS

**JILID 1
1960**



JABATAN PERIKANAN MALAYSIA

Cawangan Pengutipan Data, Tingkat 7, Blok 4G2, Wisma Tani,
Presint 4, Pusat Pentadbiran Kerajaan Persekutuan
62628 PUTRAJAYA, MALAYSIA
Tel : 03-8870 4034 Faks : 03-8870 4033

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

(Ministry of Agriculture and Lands)

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)

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FEDERATION OF MALAYA
MONTHLY LANDINGS (IN PICULS) OF MARINE FISH IN 1960
BY STATES

APPENDIX I

STATES	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
													Piculs	Tons
Perlis	6,086	6,021	5,960	5,645	5,766	5,903	6,305	5,652	5,257	6,020	5,652	6,242	70,509	4,197
Kedah	23,528	15,810	11,950	15,750	26,399	18,242	25,064	21,484	23,848	18,314	13,157	15,537	229,083	13,636
Penang & Province Wellesley	16,501	14,339	13,098	12,512	14,825	11,583	7,054	10,201	13,335	16,761	18,833	18,989	168,031	10,002
Perak	52,899	52,126	76,806	84,062	106,841	81,603	74,797	73,428	70,561	72,807	60,946	67,718	874,594	52,059
Selangor	22,742	17,912	17,483	26,953	21,530	25,660	21,017	23,480	25,672	27,036	22,645	23,878	276,008	16,429
Negri Sembilan	579	606	582	665	612	454	453	326	296	403	343	369	5,688	339
Malacca	3,628	3,700	3,742	4,280	4,365	4,063	3,555	3,351	3,344	3,071	3,146	3,085	43,330	2,579
Kelantan	1,190	2,966	6,191	11,923	6,247	5,347	5,934	6,160	8,792	7,192	4,834	1,687	68,463	4,075
Trengganu	5,643	4,549	17,048	22,163	21,440	16,438	31,543	20,490	50,812	23,897	23,529	6,716	244,268	14,540
Pahang	2,581	3,487	12,332	11,180	14,183	17,236	14,108	10,605	27,352	19,101	12,260	4,470	148,895	8,863
Johore-East	3,906	3,456	7,219	18,275	16,669	10,930	21,820	21,516	20,705	9,640	11,377	2,775	148,288	8,827
" -West	1,554	1,795	3,968	3,571	5,279	6,068	5,445	9,862	8,022	7,835	7,455	5,060	65,914	3,923
TOTAL-PICULS	140,837	126,767	176,379	216,979	244,156	203,527	217,095	206,555	257,996	212,077	184,177	156,526	2,343,071 =	
" - TONS	8,383	7,546	10,499	12,915	14,533	12,115	12,922	12,295	15,357	12,624	10,963	9,317	139,469	

Note: One ton = 16.8 piculs.

Selangor
Selar Puchat
Belayang
Remilang

FEDERATION OF MALAYA
MONTHLY LANDINGS (IN PICULS) OF MARINE FISH 1960
BY GEAR GROUPS

APPENDIX II

GEAR GROUPS	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
													Piculs	Tons
Fishing Stakes (large)	20,616	18,873	17,183	21,767	26,262	15,455	20,839	20,800	19,673	17,057	19,939	18,090	236,554	14,081
Fishing Stakes (small)	17,564	11,478	12,100	10,254	8,415	9,078	6,990	7,907	8,772	7,868	10,324	9,088	119,838	7,133
Line Nets	38,628	32,958	56,757	79,236	110,311	89,560	86,346	80,587	111,901	70,154	45,660	45,640	847,738	50,460
Gill/Drift Nets	16,167	15,155	21,190	20,185	21,222	23,574	26,122	20,500	28,258	22,453	18,639	17,383	250,848	14,931
Lift Nets	5,354	7,037	12,551	20,254	20,766	12,775	25,044	16,928	23,473	19,905	15,980	8,004	188,071	11,195
Push/Scoop Nets	3,131	2,355	5,088	3,578	1,240	1,406	810	1,586	1,028	1,205	1,321	1,909	24,657	1,468
Bag Nets	15,545	11,256	11,353	23,126	17,636	18,137	17,686	22,475	25,680	30,245	26,067	22,076	241,282	14,362
Barrier Nets	769	803	1,068	1,032	835	1,135	1,329	1,356	1,604	2,531	2,044	1,226	15,732	936
Lines	10,756	10,895	12,594	13,445	13,297	12,095	12,617	13,140	14,731	16,720	19,974	9,736	160,000	9,524
Traps & Pots	2,722	2,989	7,075	7,383	6,968	5,463	5,322	6,481	9,007	7,881	8,115	5,300	74,706	4,443
Shellfish	8,918	12,315	18,440	15,489	16,534	14,030	13,181	13,905	12,607	15,056	15,253	17,120	172,848	10,284
Miscellaneous	667	653	980	1,230	670	819	809	890	1,262	1,002	861	954	10,797	64
TOTAL-PICULS	140,837	126,767	176,379	216,979	244,156	203,527	217,095	206,555	257,996	212,077	184,177	156,526	2,343,071 =	
" - TONS	8,383	7,546	10,499	12,915	14,533	12,115	12,922	12,295	15,357	12,624	10,963	9,317	139,464	

Note: One ton = 16.8 piculs.

3205

Selar Puchat
Selayang
Semilang
Thrumbu

FEDERATION OF MALAYA

MONTHLY LANDINGS (PICULS) OF MARINE FISH IN 1960

APPENDIX III

B. PES OF FISH

TYPES OF FISH		January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
Local	Scientific Name													Piculs	Tons
Alu ²	Sphyræna spp.	113	143	589	165	28	39	37	56	70	31	14	14	1,304	78
Aruan Vasek	Pachycentrotus canadus	5	-	134	35	42	32	16	10	10	6	13	19	322	19
Aya/Tongkol	Euthynnus spp.	719	440	1,845	3,316	1,944	2,863	3,878	4,102	2,236	2,251	3,541	1,172	28,307	1,685
Bawal	Storosteus spp.	5,220	4,274	4,790	4,431	4,169	4,904	3,938	4,172	3,962	3,052	3,179	2,921	49,068	2,921
Belanak/Kedera	Mugilidae	436	1,140	1,517	1,638	1,307	1,210	6,662	7,810	11,273	10,887	6,273	6,287	56,440	3,360
Biji Nangka	Trachurus spp.	33	62	131	48	43	73	78	160	138	76	14	-	856	51
Bilis	Stolephorus spp.	2,417	1,622	5,786	7,465	6,529	13,969	12,933	8,158	42,810	12,452	5,834	1,347	121,322	7,222
Chermin/Sagai	Caranx gallus	195	77	157	476	256	162	198	216	371	721	276	333	3,438	205
Chinchuru	Megalaspis cordyla	3,830	4,288	6,414	5,959	3,532	4,386	8,251	3,741	3,300	3,876	3,107	2,644	53,328	3,174
Delan	Caesio erythrogaster	67	36	117	42	57	21	24	206	167	155	85	50	1,027	61
Demudok	Caranx ferdaus	71	580	376	624	690	740	398	335	603	1,111	513	248	6,289	374
Duri	Lachysuridae	1,029	892	1,535	1,397	1,406	1,698	1,738	1,648	2,049	2,328	1,479	1,304	18,503	1,101
Gelama ²	Sciaenidae	1,673	2,287	2,214	4,349	3,133	2,159	2,175	3,187	2,077	2,436	2,110	1,779	29,579	1,761
Gerong ² /Daing Blau	Caranx speciosus	80	66	132	214	5	540	252	129	37	24	61	-	1,940	92
Gerut ²	Pomadourus hasta	40	56	33	14	19	30	30	25	42	83	14	34	1,540	25
Jenahak	Lutianus argentimaculatus	483	601	805	631	795	859	931	1,217	1,336	1,455	1,008	903	11,024	656
Kachi	Plectorhynchus pictus	184	233	571	322	281	264	287	510	668	695	808	212	5,035	300
Kebasi/Selangat	Dorosoma chacunda	221	492	465	687	508	495	619	583	334	827	464	613	6,308	375
Kembong	Parastrelliger kanagurta	10,305	8,117	27,886	34,154	63,307	40,630	32,320	33,025	32,140	18,436	14,903	10,155	325,378	19,368
Kerapu	Serranidae	644	1,035	1,777	1,356	1,639	841	1,340	1,291	2,146	2,248	2,983	922	18,222	1,085
Kerisi	Empteroptera	187	267	485	598	915	829	1,364	902	1,131	1,941	1,545	662	10,826	644
Kikek	Engrastridae	102	206	96	527	648	1,214	2,570	825	693	712	116	133	7,636	454
Kunyit/Ramong	Lutianus spp.	133	206	296	271	79	54	239	149	76	165	183	30	1,881	112
Kurau/Benangin/Benohong	Polynemus spp.	644	688	707	1,362	1,144	1,294	1,157	1,061	1,501	1,427	1,115	1,586	13,686	815
Malong	Parasex cinerus	447	393	355	580	627	283	327	579	777	396	192	280	5,236	312
Merah	Lutianus spp.	2,917	3,045	5,292	5,345	5,398	3,258	3,562	3,866	6,379	4,972	4,912	4,000	52,946	3,152
Parang ²	Cherocentrus dorab	3,653	3,954	2,998	3,686	5,453	5,652	5,932	4,828	5,063	6,061	4,779	4,800	57,859	3,444
Pari	Clusiidae	2,288	2,049	1,981	1,061	972	1,772	1,090	1,198	1,994	1,693	1,702	1,948	19,848	1,181
Pelata	Caranx spp.	2,504	2,181	2,363	1,613	5,130	2,519	2,283	1,495	1,536	2,847	2,322	2,316	29,109	1,733
Puput	Pellona spp.	953	676	631	450	433	814	471	473	592	535	385	562	6,975	415
Selar	Caranx spp.	257	337	1,280	973	1,175	1,845	2,729	1,776	1,309	514	659	408	13,262	789
Selar Kuning	Belaroides leptolepis	1,027	2,802	4,843	10,272	13,321	6,847	9,053	6,692	9,091	7,438	6,443	2,709	80,543	4,794
Selar Puchat	Selar megalaspis	229	879	983	441	376	181	226	999	1,288	312	260	71	6,245	372
Selayang	Decapterus russellii	668	1,312	1,335	2,824	2,149	1,864	9,725	7,267	5,568	3,256	4,076	988	41,032	2,442
Semilang	Clotus spp.	133	108	104	181	147	54	104	41	58	92	61	73	1,156	69
Shrumbu	Lactarius lactarius	70	126	145	875	539	118	333	260	634	451	100	100	3,751	223
Talang	Chorinemus spp.	196	261	739	376	258	489	666	409	478	348	296	227	4,743	282
Tamban	Clusia spp.	4,664	2,687	5,781	9,924	11,372	5,777	8,325	6,144	11,639	10,124	4,035	3,395	83,867	4,992
Tenggiri	Scorpaenomorus spp.	5,925	4,262	5,918	7,463	7,095	6,348	5,902	5,870	8,593	8,331	9,884	5,277	80,868	4,813
Terubok	Clupea macrura	51	26	6	41	81	69	151	301	364	128	79	90	1,387	83
Timah/Selayor	Trichirus spp.	285	84	846	2,110	1,898	308	609	375	236	323	217	660	7,951	473
Yu	Galeorhinidae	1,585	2,933	2,406	2,737	2,370	2,368	2,964	2,469	3,140	2,699	2,533	2,188	30,492	1,815
Suat Raja	Mixure Fish	33,399	28,504	27,847	34,039	34,974	29,512	2,940	30,411	32,793	34,697	36,324	35,040	390,978	23,272
Champur	Mixed Fish	21,902	16,591	15,144	23,647	24,871	19,754	15,107	19,372	19,988	16,129	17,051	18,402	227,958	13,569
Udang	Crustacea	8,915	6,739	8,737	15,107	11,007	13,508	14,689	15,005	13,851	16,819	14,283	14,189	152,849	9,098
Udang Bar la	Crustacea	9,715	5,752	6,356	5,286	3,320	4,085	3,102	7,068	8,823	9,611	7,047	5,884	76,049	4,527
Katam	Crustacea	1,177	1,036	1,158	1,404	2,055	2,066	2,019	1,991	1,768	1,705	1,705	2,060	20,204	1,203
Sotong	Mollusc	23	13	828	914	127	200	170	243	257	68	113	113	3,176	189
Kerang	Mollusc	8,686	12,018	18,082	15,152	16,169	13,697	12,876	13,141	1,866	14,318	14,060	15,700	165,765	9,867
Siput	Mollusc	232	297	358	337	365	333	305	764	741	738	1,193	1,420	7,083	422
TOTAL	PICULS	140,837	126,767	176,379	216,979	244,156	203,527	217,095	206,555	257,996	212,077	184,177	156,526	2,343,071	-
"	TONS	8,383	7,546	10,499	12,915	14,533	12,115	12,922	12,295	15,357	12,624	10,963	9,317	-	139,469

Note One ton = 16.3 piculs

FEDERATION OF MALAYA
TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1960
BY STATES AND GEAR GROUPS

APPENDIX IV

GEAR GROUPS	Perlis	Kedah	Penang & Province Wellesley	Perak	Selangor	Negri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore	TOTAL	
												Piculs	Tons
Fishing Stakes (large)	29,514	29,920	11,210	65,576	35,639	369	3,566	-	-	-	60,760	236,554	14,081
Fishing Stakes (small)	12,592	17,348	9,907	44,676	31,224	41	2,980	-	-	367	703	119,838	7,133
Seine Nets	16,014	151,349	53,775	427,459	21,448	1,877	364	12,972	76,217	41,160	45,103	847,738	50,460
Gill/Drift Nets	3,057	8,588	22,312	23,107	73,395	1,022	28,457	10,617	27,136	21,839	31,313	250,848	14,931
Lift Nets	2,896	10,410	1,524	816	242	-	-	20,867	63,674	50,589	37,053	188,071	11,195
Push/Scoop Nets	-	-	8,829	7,349	2,374	-	333	864	4,908	-	-	24,657	1,468
Bag Nets	-	3,409	30,007	106,635	74,428	-	4,078	-	-	-	22,725	241,282	14,362
Barrier Nets	-	-	77	3,229	9,114	418	325	-	10	-	2,559	15,732	936
Lines	3,185	5,901	21,406	10,782	18,018	1,470	3,130	7,218	54,190	26,146	8,554	160,000	9,524
Traps & Pots	3,251	2,158	5,684	9,744	6,823	377	97	15,925	16,847	8,744	5,056	74,706	4,447
Shellfish	-	-	1,971	170,425	358	-	-	-	-	50	44	172,848	10,289
Miscellaneous	-	-	1,329	4,796	2,945	109	-	-	1,286	-	332	10,797	643
TOTAL-PICULS	70,509	229,083	168,031	874,594	276,008	5,688	43,330	68,463	244,268	148,895	214,202	2,343,071	=
" - TONS	4,197	13,636	10,002	52,059	16,429	339	2,579	4,075	14,540	8,863	12,750		139,469

Note: One ton = 16.8 piculs.

Kurvit/Remon
Kurau/Senang
Senoh
along

Perah
P...

FEDERATION OF MALAYA
TOTAL LANDINGS (IN PICULS) OF MARINE FISH IN 1960
BY STATES AND TYPES OF FISH

APPENDIX V

TYPES OF FISH		Perlis	Kedah	Penang & Province Wellesley	Perak	Selangor	Negri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore	TOTAL	
Local Name	Scientific Name												Piculs	Tons
Alu ² Tuan Tasek	Sphyræna spp. Rachycentron canadus	-	23	2	-	112	11	-	49	337	657	93	1,304	78
Aya/Tongkol	Euthynnus spp.	-	-	-	4,121	77	-	-	-	5	240	-	322	19
Bawal	Stromateus spp.	5,111	13,066	5,860	12,006	9,153	12	753	825	18,193	2,796	1,606	28,307	1,685
Belanak/Kedera	Mugilidae	-	21,809	7,197	25,871	1,029	-	984	870	885	781	250	49,068	2,921
Biji Mangka	Uroeneus tragula	-	-	-	-	-	-	78	-	81	219	156	56,440	3,360
Bilis	Stolephorus spp.	-	218	1,866	13,856	967	206	-	58	564	234	-	856	51
Chermin/Sagai	Caranx gallus	-	-	-	-	1,221	33	-	3,157	58,591	24,072	18,389	121,322	7,222
Chincharu	Megalaspis cordyla	-	-	-	-	-	-	-	-	306	223	1,655	3,438	205
Delah	Caesio	-	16,588	3,442	11,305	12,230	176	3,708	638	2,197	575	2,469	53,328	3,174
Demudok	Erythrogaster	-	-	-	-	-	-	-	-	58	387	582	1,027	61
Duri	Caranx ferdau	-	497	-	-	-	-	-	142	1,222	3,268	1,160	6,289	374
Gelama	Tachysuridae	-	455	4,755	4,847	1,049	39	367	360	4,133	1,503	995	18,503	1,101
Gerong ² /Daing	Sciaenidae	-	-	7,237	9,564	2,639	66	356	1,828	3,519	998	3,372	29,579	1,761
Gerut ²	Caranx	-	-	-	-	-	-	-	-	249	919	372	1,540	92
Jenahak	Pomadasyss hasta	-	-	106	108	165	7	-	-	-	34	-	420	25
	Lutianus	-	-	-	-	-	-	-	-	-	-	-	-	-
	argenteimacu-	-	-	-	-	-	-	-	-	-	-	-	-	-
	latus	-	566	1,089	3,461	1,312	327	541	2,381	148	1,113	86	11,024	656
Kachi	Plectorhynchus pictus	-	-	-	-	-	-	-	-	-	-	-	-	-
Kebasi/Selangat	Dorosoma chacunda	-	1,060	1,763	2,947	179	67	54	1,019	2,808	1,178	30	5,035	300
Kembong	Rastrelliger	-	-	-	-	-	-	-	-	-	-	210	6,308	375
	kanagurta	9,955	31,465	102	221,688	656	365	-	4,340	19,171	9,136	28,500	325,378	19,368
Kerapu	Serranidae	-	-	1,909	2,003	2,309	17	329	1,848	7,305	2,060	442	18,222	1,085
Kerisi	Nemipteridae	-	-	540	-	-	-	-	529	4,841	4,565	351	10,826	644
Kikek	Lelognathidae	-	-	-	-	392	-	-	1,057	1,247	1,304	3,636	7,636	454
Kunvit/Remong	Lutianus spp.	-	-	-	-	-	-	-	-	779	848	254	1,881	112
Kurau/Senangin/ Senohong	Polynemus spp.	-	126	2,338	2,580	6,869	33	407	-	29	842	462	13,686	815
Malong	Muraenesox cinereus	-	-	344	671	4,132	-	-	-	-	-	89	5,236	312
Merah	Lutianus spp.	3,501	963	7,116	8,082	5,819	455	518	10,517	10,280	2,817	2,878	52,946	3,152
Parang ²	Cherocentrus dorab	2,647	1,083	2,252	2,858	16,435	375	10,030	278	1,234	3,235	17,432	57,859	3,444
Pari	Dasvatiidae	-	1,292	6,084	6,234	4,591	98	256	30	298	504	461	19,848	1,181
Pelata	Caranx spp.	6,116	13,110	1,814	1,931	1,139	-	-	307	1,998	2,230	464	29,109	1,733
Puput	Pellona spp.	-	-	2,035	173	2,739	-	-	1,567	153	184	23	6,975	415
Selar	Caranx spp.	-	-	-	482	260	111	-	-	5,897	4,043	2,469	13,262	789
Selar Kuning	Selaroides	-	-	-	-	-	-	-	-	-	-	-	-	-
	leptolepis	-	3,857	-	-	-	-	-	14,303	6,276	26,562	29,545	80,543	4,794
Selar Puchat	Selar megalaspia	-	-	-	-	-	-	-	1,940	626	1,775	2,804	6,245	372
Selayang	Decapterus	-	-	-	-	-	-	-	-	-	-	-	-	-
	russellii	-	181	-	222	5,116	-	-	691	27,855	3,323	3,644	41,032	2,442
Semilang	Plotosus spp.	-	-	-	195	353	7	120	-	212	274	-	1,156	69
Shrubur	Lactarius	-	36	2,327	-	-	-	-	-	-	-	-	-	-
	lactarius	-	-	278	1,232	1,741	32	88	940	379	69	-	3,751	223
Talang	Chorinemus spp.	-	-	-	3,049	1,005	8	-	-	646	298	428	4,743	282
Tamban	Clupea spp.	-	13,250	335	-	-	-	-	5,813	27,510	20,435	12,462	83,867	4,992
Tenggiri	Scomberomorus spp.	3,856	4,492	2,388	3,051	14,346	288	9,323	2,400	15,019	11,363	14,342	80,868	4,813
Terubok	Clupea macrura	-	-	-	-	985	-	402	-	-	-	-	1,387	83
Timah/Selayor	Trichirus spp.	-	27	1,423	1,545	126	-	-	4,090	673	67	-	7,951	473
Yu	Calearhinidae	-	2,233	3,894	6,588	7,045	67	2,226	463	2,581	3,649	1,746	30,192	1,815
Ruat Raja	Manure Fish	10,505	24,845	46,823	188,275	84,301	718	7,111	-	2,539	3,006	12,855	190,978	23,272
Champor	Mixed Fish	27,538	56,277	19,751	46,263	23,472	1,676	1,836	6,652	6,951	6,721	30,821	227,958	13,569
Udang	Crustacea	1,280	11,499	10,126	82,204	43,458	300	688	93	146	176	2,879	152,849	9,098
Udang Paring	Crustacea	-	-	15,866	26,356	13,029	-	1,598	829	4,973	60	13,338	76,049	4,527
Ketam	Crustacea	-	-	4,993	10,190	4,654	175	-	-	-	127	65	20,204	1,203
Sotong	Mollusc	-	65	221	525	6	-	-	715	1,566	9	69	3,176	189
Kerang	Mollusc	-	-	1,971	163,392	352	-	-	-	-	50	-	165,765	9,867
Sirut	Mollusc	-	-	-	7,033	6	-	-	-	-	-	44	7,063	422
TOTAL	- PICULS	70,509	229,083	168,031	874,594	276,008	5,688	43,330	68,463	244,268	148,895	214,202	2,343,071	
"	- TONS	4,197	13,636	10,000	52,059	16,429	339	2,579	4,075	14,540	8,863	12,750		139,469

FEDERATION OF MALAYA
MONTHLY AVERAGE MARKET RETAIL PRICES OF FRESH FISH IN 1960
 (Price per katty)

APPENDIX VII

YPES OF FISH	January	February	March	April	May	June	July	August	September	October	November	December	Average 1960
Bawal Puteh	\$1.69	\$1.73	\$1.74	\$1.78	\$1.81	\$1.78	\$1.78	\$1.82	\$1.87	\$1.87	\$1.88	\$1.87	\$1.80
" Hitam	1.26	1.32	1.21	1.19	1.13	1.18	1.22	1.33	1.33	1.31	1.36	1.32	1.26
Kurau (cut)	2.44	2.39	2.36	2.28	2.32	2.40	2.44	2.41	2.45	2.41	2.42	2.41	2.39
Senangin	1.54	1.61	1.59	1.61	1.62	1.62	1.66	1.68	1.74	1.70	1.74	1.69	1.63
Tenggiri	1.29	1.33	1.20	1.20	1.20	1.22	1.26	1.35	1.31	1.26	1.30	1.26	1.27
Parang ²	1.15	1.13	1.06	1.08	1.09	1.11	1.11	1.21	1.19	1.11	1.18	1.15	1.13
Merah (cut)	1.13	1.23	1.20	1.17	1.18	1.19	1.12	1.13	1.16	1.13	1.16	1.12	1.16
Chincharu	-.74	-.73	-.68	-.69	-.71	-.69	-.69	-.70	-.75	-.73	-.75	-.74	-.72
Kembong	-.43	-.46	-.45	-.39	-.31	-.33	-.42	-.40	-.42	-.42	-.50	-.51	-.42
Gelama	-.38	-.37	-.34	-.34	-.34	-.34	-.33	-.38	-.35	-.32	-.39	-.39	-.35
Tamban	-.37	-.34	-.36	-.33	-.35	-.35	-.34	-.38	-.36	-.33	-.37	-.35	-.35
Yu (cut)	-.47	-.48	-.48	-.48	-.46	-.49	-.49	-.49	-.49	-.47	-.49	-.50	-.48
Pari (cut)	-.45	-.45	-.45	-.44	-.42	-.45	-.45	-.45	-.44	-.45	-.46	-.44	-.45
Prawns (large)	2.34	2.12	1.99	2.15	2.15	2.00	1.95	2.09	2.23	2.23	2.23	2.25	2.14

Note: Average prices for Penang, Ipoh, Kuala Lumpur and Malacca Markets.

FEDERATION OF MALAYA
RETAIL MARKET VALUES OF LANDINGS OF MARINE FISH IN 1960

APPENDIX VIII

STATES	GRADE I		GRADE II		GRADE III		MANURE FISH		SHELLFISH		TOTAL	
	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$	Piculs	\$
Malacca	15,115	2,297,480	12,261	882,792	32,628	1,272,492	10,505	105,050	-	-	70,509	4,557,814
Negeri Sembilan	20,296	3,084,992	50,129	3,609,288	123,813	4,828,707	34,845	348,450	-	-	229,083	11,871,437
Penang	22,952	3,488,704	27,448	1,976,256	68,837	2,684,643	46,823	468,230	1,971	19,710	168,031	8,637,543
Perak	34,131	5,187,912	110,488	7,955,136	371,275	14,479,725	188,275	1,882,750	170,425	1,704,250	874,594	31,209,773
Selangor	56,243	8,548,936	69,500	5,004,000	65,606	2,558,634	84,301	843,010	358	3,580	276,008	16,958,160
Seri Bagan	1,507	229,064	1,311	94,392	2,152	83,928	718	7,180	-	-	5,688	414,564
Tanaka	22,132	3,364,064	4,798	345,456	9,289	362,271	7,111	71,110	-	-	43,330	4,142,901
Tanjong	18,294	2,780,688	5,355	385,560	44,814	1,747,746	-	-	-	-	68,463	4,913,994
Tangkong	34,900	5,304,800	20,907	1,505,304	185,922	7,250,958	2,539	25,390	-	-	244,268	14,086,452
Tangor	22,211	3,376,072	16,109	1,159,848	107,519	4,193,241	3,006	30,060	50	500	148,895	8,759,721
Tongor-East	9,850	1,497,200	10,359	745,848	123,400	4,812,600	4,679	46,790	-	-	148,288	7,102,438
Tongor-West	26,042	3,958,384	3,744	269,568	27,908	1,088,412	8,176	81,760	44	440	65,914	5,398,564
TOTAL	283,673	43,118,296	332,409	23,933,448	1,163,163	45,363,357	390,978	3,909,780	172,848	1,728,480	2,343,071	118,053,361

- Note: (1) Grade I includes bawal, jenahak, kerapu, kurau, merah, parang, senangin and tenggiri.
 " II " alu², chermin, chincharu, delah, demudok, gerong², gerit², kachi, pelata, puput, remong, selar, snrumbu, terubok, udang, sotong and ketam.
 " III " aya, aruan tasek, bilis, belanak, duri, gelama, kembong, keresi, kikek, malong, pari, selangat, selar kuning, selar puchat, selayang, talang, tamban, timah, yu, udang baring and champor.
- (2) Grade I price at \$1.52 per katty is calculated from the average prices of all the types of fish in this grade.
 " II " " -.72 " " is the average price of chincharu.
 " III " " -.39 " " is calculated from the average prices of gelama, kembong, pari, tamban and yu.
 Manure Fish - price 10 cents per katty.
 Shellfish - " 10 " " "
- (3) The average prices for Grades I, II and III are calculated from monthly prices collected by Market Authorities in Penang, Ipoh, Kuala Lumpur and Malacca.
- (4) Prices for Manure Fish and Shellfish are estimated.

FEDERATION OF MALAYA
STATEMENT OF FRESH FISH SUPPLIES - 1960

APPENDIX IX

FRESH FISH	Perlis	Kedah	Penang & Province Wellesley	Perak	Selangor	Negri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore	TOTAL
	Piculs	Piculs	Piculs	Piculs	Piculs	Piculs	Piculs	Piculs	Piculs	Piculs	Piculs	Piculs
Total Production	70,509	229,083	168,031	874,594	276,008	5,688	43,330	68,463	244,268	148,895	214,202	2,343,071
Less processed into:												
Salted/Dried	-	6,055	15,059	39,870	10,756	-	-	6,733	91,867	45,147	38,358	253,845
Buat Baja	-	12,042	55,565	108,645	46,958	1,030	-	-	2,117	-	32,130	258,487
Blachan	-	327	30,530	48,763	23,493	-	937	-	9,237	126	16,960	130,373
Dried Prawns	-	-	5,533	191,513	26,640	-	-	-	-	-	-	223,686
Total Processed	-	18,424	106,687	388,791	107,847	1,030	937	6,733	103,221	45,273	87,448	866,395
Balance of Production	70,509	210,659	61,344	485,803	168,161	4,658	42,393	61,730	141,047	103,622	126,754	1,476,680
Added Imports from: *												
Singapore												32,040
Sumatra												7,213
Other Sources												104,250
Total Imports *												143,513
Gross available supplies												1,620,193
Less Exports to: *												
Singapore												419,520
Other Destinations												380
Total Exports *												419,910
Net available supplies												1,200,273

* Source - Department of Statistics, Federation of Malaya

Tons = 71.44

FEDERATION OF MALAYA

FISHERMEN - 1960

APPENDIX X

RACE	Perlis	Kedah	Penang & Province Wellesley	Perak	Selangor	Negri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore	TOTAL
Malay	973	3,897	2,479	1,569	542	249	658	6,468	12,781	2,641	3,268	35,525
Chinese	154	1,165	2,658	5,772	4,090	257	948	15	28	150	2,620	17,857
Indian	-	31	195	101	20	6	-	-	-	-	1	354
Others	-	-	10	-	-	1	34	3	-	-	-	48
TOTAL	1,127	5,093	5,342	7,442	4,652	513	1,640	6,486	12,809	2,791	5,889	53,784

FEDERATION OF MALAYA

FISHING BOATS LICENSED - 1960

TYPES OF BOATS	Perlis	Kedah	Penang & Province Wellesley	Perak	Selangor	Negri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore	TOTAL
Unpowered: - Outboard	62	346	961	1,264	596	80	75	10	212	247	1,149	5,002
Inboard	52	121	144	525	888	6	274	293	938	96	601	3,938
Motor - Powered	234	1,173	1,401	1,483	896	152	274	2,377	3,306	356	2,956	14,608
TOTAL	348	1,640	2,506	3,272	2,380	238	623	2,680	4,456	699	4,706	23,548

FEDERATION OF MALAYA
FISHING GEARS LICENSED - 1960

APPENDIX XI

GEARS	Perlis	Kedah	Penang & Province Wellesley	Perak	Selangor	Negri Sembilan	Malacca	Kelantan	Trengganu	Pahang	Johore	TOTAL
shing Stakes (large)	-	-	28	114	88	3	21	-	-	45	398	697
shing Stakes (small)	1	70	248	298	161	5	32	-	-	22	495	1,332
line Nets	3	291	236	594	81	24	19	212	553	71	150	2,234
ll/Drift Nets	4	226	462	523	1,204	62	364	829	781	141	917	5,513
ift Nets	-	64	30	30	18	-	-	166	200	23	8	539
sh/Scoop Nets	-	54	93	85	45	-	1	45	275	-	7	605
g Nets	-	141	294	1,310	107	-	69	-	-	5	782	2,708
rrier Nets	-	4	1	6	39	6	9	-	9	-	99	173
nes	36	159	353	419	427	118	183	669	1,276	268	80	3,988
aps & Pots	-	44	82	65	56	10	2	43	94	27	188	611
ellfish	-	-	13	534	25	-	-	-	-	-	-	572
scellaneous	-	25	41	140	86	17	-	116	94	-	-	519
TOTAL	44	1,078	1,881	4,118	2,337	245	700	2,080	3,282	602	3,124	19,491

FEDERATION OF MALAYA
FISHERIES REVENUE - 1960

APPENDIX XII

STATES	STATE REVENUE					FEDERAL REVENUE				GRAND TOTAL
	Boat \$	Fishing \$	Turtle Eggs \$	Miscella- neous \$	Total \$	Fisheries Sale (Fish & No. Board) \$	Hire of Launches \$	Miscella- neous \$	Total \$	
Perlis	1,256.50	106.00	-	-	1,362.50	348.00	-	13.00	361.00	1,723.50
Kedah	3,671.00	3,976.00	-	-	7,647.00	14.00	-	80.00	94.00	7,741.00
Penang & Province Wellesley	5,077.50	12,049.00	-	-	17,126.50	2,982.42	-	63.00	3,045.42	20,171.92
Perak	8,390.00	24,845.00	-	-	33,235.00	4.00	-	99.00	103.00	33,338.00
Selangor	5,808.00	11,190.50	-	-	16,998.50	-	-	32.00	32.00	17,030.50
Negri Sembilan	338.00	636.00	-	-	974.00	-	-	43.00	43.00	1,017.00
Malacca	1,705.00	3,045.00	-	-	4,750.00	-	-	56.00	56.00	4,806.00
Kelantan	3,961.00		1,326.20	2,681.00	7,968.20	-	-	186.00	186.00	8,154.20
Trengganu	8,188.75	2,035.00	64,649.00	4,532.00	79,404.75	391.15	-	352.00	743.15	80,147.90
Pahang	1,629.00	4,965.00	-	-	6,594.00	-	-	7.00	7.00	6,601.00
Johore	10,952.87	27,755.00	-	-	38,707.87	-	-	-	-	38,707.87
TOTAL	50,977.62	90,602.00	65,975.20	7,213.00	214,768.32	3,739.57		931.00	4,670.57	219,438.89

BY GEAR GROUPS AND TYPES OF FISH

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	Miscel- laneous	TOTAL	
Local Name	Scientific Name													Piculs	Tons
Blu2	Sohyraena spp.	88	1	254	11	30	-	-	-	882	38	-	-	1,304	78
Arman Tasek	Rachycentron canadus	-	-	-	-	-	-	-	-	174	148	-	-	322	19
Arva/Tongkol	Euthynnus spp.	14	-	4,597	2,672	6	-	-	-	20,771	247	-	-	28,307	1,685
Rawal	Stromateus spp.	6,409	4,134	4,438	21,189	12,371	-	441	86	-	-	-	-	49,068	2,921
Pelanak/Kedera	Mugilidae	1,440	143	51,699	1,454	-	-	10	1,619	-	-	-	75	56,440	3,360
Pili Pangka	Urolophus tragula	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pilis	Stolephorus spp.	23,930	16	92,310	-	-	-	5,066	-	5	213	-	-	856	51
Chermin/Sagai	Caranx gallus	129	-	1,334	1,214	-	-	-	8	670	83	-	-	121,322	7,222
Chincharu	Megalaspis cordyla	4,932	252	26,398	14,367	624	-	-	3	6,752	-	-	-	3,438	205
Delah	Caesio erythrogaster	-	-	-	8	-	-	-	-	7	1,012	-	-	53,328	3,174
Demudok	Caranx ferdau	-	-	1,232	36	897	-	-	-	3,458	666	-	-	1,027	61
Duri	Tachysuridae	1,018	437	5,447	3,639	59	-	2	736	7,129	36	-	-	6,289	374
Gelama	Sciaenidae	1,898	738	20,398	385	-	-	451	318	4,868	23	-	-	18,503	1,101
Gerong2/Daing	Caranx speciosus	-	-	42	-	152	-	-	-	5	1,341	-	-	29,579	1,761
Blang	-	-	-	-	-	-	-	-	-	-	-	-	-	1,510	92
Gerut2	Pomadasyus hasta	69	1	-	-	-	-	-	2	263	85	-	-	420	25
Jenahak	Lutianus argentimaculatus	699	94	21	-	49	-	40	32	3,216	6,873	-	-	11,024	656
Kachi	Plectorhynchus pictus	-	-	-	-	-	-	-	-	343	4,692	-	-	5,035	300
Kebasi/Selangat	Dorosoma chacunda	373	192	4,287	1,302	-	-	-	154	-	-	-	-	6,308	375
Kembong	Restrelliger	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kerapu	Kanagurta	3,903	925	282,136	26,156	11,745	-	-	-	513	-	-	-	325,378	19,368
Kerisi	Serranidae	12	30	8	-	-	-	100	20	8,748	9,304	-	-	18,222	1,085
Kikek	Hemipteridae	-	-	121	-	-	-	-	-	9,183	1,522	-	-	10,826	644
Kunvit/Perong	Leiognathidae	2,757	60	4,547	-	272	-	-	-	-	-	-	-	7,536	454
Kurau/Senangin	Lutianus spp.	-	-	-	-	-	-	-	-	404	1,477	-	-	1,881	112
Senohong	Polynemus spp.	645	633	376	8,226	-	-	-	183	3,623	-	-	-	13,686	815
Malong	Muraenesox cinereus	82	-	240	104	-	-	-	-	4,810	-	-	-	5,236	312
Merah	Lutianus spp.	1,531	15	212	12	20	-	100	2	11,461	39,593	-	-	52,946	3,152
Parang2	Cherocentrus dorab	4,474	654	510	49,935	175	-	-	-	2,074	7	-	-	57,859	3,444
Peri	Desvatiidae	1,389	1,018	1,190	2,706	125	-	113	1,983	11,820	404	-	-	19,818	1,181
Palata	Caranx spp.	4,286	1,160	16,142	436	3,477	-	-	-	3,608	-	-	-	29,109	1,733
Puput	Pellona spp.	139	-	223	6,613	-	-	-	-	-	-	-	-	6,975	415
Selar	Caranx spp.	703	-	2,118	2,347	1,929	-	-	-	6,115	50	-	-	13,262	789
Selar Kuning	Selaroides lewtolepis	10,455	12	4,287	12	65,777	-	-	-	-	-	-	-	80,543	4,794
Selar Puchat	Selar megalaspis	200	-	100	-	4,994	-	-	-	951	-	-	-	6,245	372
Selayang	Decapterus russellii	-	9	7,041	-	33,782	-	-	-	200	-	-	-	41,032	2,442
Semilang	Plotosus spp.	-	46	180	22	-	-	-	781	46	81	-	-	1,156	69
Shrumbu	Lactarius lactarius	-	103	3,605	43	-	-	-	-	-	-	-	-	3,751	223
Salang	Chorinemus spp.	144	77	952	2,765	104	-	40	661	-	-	-	-	4,743	282
Samban	Clupea spp.	5,600	273	29,187	7,117	41,649	-	41	-	-	-	-	-	83,867	4,992
Senggiri	Scorpaenomorus spp.	5,282	503	796	47,127	149	-	-	-	26,902	109	-	-	80,868	4,813
Perubok	Clupea macrura	-	-	1,387	-	-	-	-	-	-	-	-	-	1,387	83
Timah/Selayor	Trichirus spp.	1,010	85	6,494	9	-	-	353	-	-	-	-	-	7,951	473
Yu	Galeorhinidae	839	192	819	23,500	-	-	61	54	5,022	5	-	-	30,492	1,815
Puat Raja	Manure Fish	81,039	61,800	129,087	-	2,150	-	114,556	2,346	-	-	-	-	390,978	23,272
Champur	Mixed Fish	57,907	21,587	84,251	19,848	7,535	8	13,413	2,435	14,187	6,697	-	50	227,958	13,569
Udang	Crustacea	12,047	16,643	52,906	3,071	-	163	63,308	4,379	-	-	-	332	152,819	9,098
Udang Raring	Crustacea	575	6,880	1,163	-	-	24,486	42,935	10	-	-	-	-	76,049	4,527
Ketam	Crustacea	227	605	5,918	3,095	-	-	282	898	-	-	-	9,179	20,204	1,203
Sotong	Mollusc	309	520	4	-	-	-	51	2	1,129	-	-	1,161	3,176	189
Kerang	Mollusc	-	-	-	-	-	-	-	-	-	-	165,765	-	165,765	9,867
Siput	Mollusc	-	-	-	-	-	-	-	-	-	-	7,083	-	7,083	422
TOTAL PICULS		236,554	149,238	847,738	250,848	188,011	24,657	241,282	15,732	160,000	74,706	172,848	10,797	2,343,371	=
" TONS		14,081	7,133	50,460	14,931	11,195	1,468	14,362	936	9,524	4,447	10,289	643		139,469

Note: One ton = 16.8 piculs.